

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092321\  
 Data File : VX024494.D  
 Acq On : 24 Sep 2021 09:43  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 9/24/2021 6:58:06 PM

Quant Time: Sep 24 16:35:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 18:24:34 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.562          | 168  | 136955              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769          | 114  | 220706              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 211124              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 113615              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964          | 65   | 98758               | 51.164  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 102.320% |         |        |          |
| 35) Dibromofluoromethane     | 5.397          | 113  | 73753               | 50.302  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 100.600% |         |        |          |
| 50) Toluene-d8               | 8.653          | 98   | 271060              | 50.230  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 100.460% |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.085         | 95   | 104972              | 49.474  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 98.940%  |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 73177               | 53.100  | ug/l   | 99       |
| 3) Chloromethane             | 1.295          | 50   | 69327               | 53.369  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 71406               | 52.550  | ug/l   | 100      |
| 5) Bromomethane              | 1.599          | 94   | 49395               | 54.011  | ug/l   | 97       |
| 6) Chloroethane              | 1.685          | 64   | 45479               | 50.251  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 126078              | 52.579  | ug/l   | 97       |
| 8) Diethyl Ether             | 2.136          | 74   | 41667               | 51.051  | ug/l   | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 68552               | 50.698  | ug/l   | 95       |
| 10) Methyl Iodide            | 2.453          | 142  | 98172               | 51.889  | ug/l   | 90       |
| 11) Tert butyl alcohol       | 2.977          | 59   | 109243              | 242.998 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 65411               | 52.102  | ug/l   | 93       |
| 13) Acrolein                 | 2.239          | 56   | 26786               | 256.318 | ug/l   | 98       |
| 14) Allyl chloride           | 2.666          | 41   | 114852              | 50.039  | ug/l   | 89       |
| 15) Acrylonitrile            | 3.069          | 53   | 215319              | 245.548 | ug/l   | 97       |
| 16) Acetone                  | 2.386          | 43   | 205644              | 252.615 | ug/l   | 90       |
| 17) Carbon Disulfide         | 2.514          | 76   | 163426              | 50.496  | ug/l   | 100      |
| 18) Methyl Acetate           | 2.709          | 43   | 142151              | 49.182  | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 3.123          | 73   | 246299              | 52.057  | ug/l   | 99       |
| 20) Methylene Chloride       | 2.794          | 84   | 77241               | 53.564  | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 72577               | 50.909  | ug/l   | 93       |
| 22) Diisopropyl ether        | 3.770          | 45   | 244943              | 52.233  | ug/l   | 95       |
| 23) Vinyl Acetate            | 3.733          | 43   | 1005666             | 264.831 | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 3.617          | 63   | 137720              | 52.894  | ug/l   | 98       |
| 25) 2-Butanone               | 4.568          | 43   | 327109              | 246.076 | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 4.483          | 77   | 70364               | 30.042  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.501          | 96   | 83884               | 50.343  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.910          | 49   | 57491               | 48.639  | ug/l   | 97       |
| 29) Tetrahydrofuran          | 5.019          | 42   | 214197              | 252.884 | ug/l   | 89       |
| 30) Chloroform               | 5.105          | 83   | 151787              | 52.785  | ug/l   | 99       |
| 31) Cyclohexane              | 5.477          | 56   | 120364              | 52.076  | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 5.397          | 97   | 136400              | 53.428  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.702          | 75   | 107177              | 50.655  | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.727          | 43   | 125851              | 47.642  | ug/l # | 94       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 120473              | 52.308  | ug/l   | 100      |
| 39) Methylcyclohexane        | 7.385          | 83   | 123463              | 49.835  | ug/l   | 97       |
| 40) Benzene                  | 6.050          | 78   | 307997              | 50.907  | ug/l   | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

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 9/24/2021 6:58:06 PM

Quant Time: Sep 24 16:35:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 18:24:34 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 68193    | 49.988  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 6.099  | 62   | 130083   | 51.197  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 197489   | 49.176  | ug/l   | 92       |
| 44) Trichloroethene           | 7.129  | 130  | 83473    | 50.145  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 80402    | 51.511  | ug/l   | 95       |
| 46) Dibromomethane            | 7.586  | 93   | 59202    | 50.580  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.830  | 83   | 113934   | 53.114  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.702  | 41   | 100075   | 50.325  | ug/l   | 85       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 42538    | 933.923 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 667885   | 251.912 | ug/l   | 90       |
| 52) Toluene                   | 8.720  | 92   | 203257   | 52.008  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 117030   | 48.134  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.373  | 75   | 120871   | 48.892  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 84775    | 52.460  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 130368   | 50.686  | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 139349   | 51.107  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.251  | 63   | 319520   | 251.670 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 528656   | 253.197 | ug/l   | 87       |
| 60) Dibromochloromethane      | 9.525  | 129  | 89140    | 48.647  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 90890    | 51.232  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 75473    | 51.652  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.086 | 112  | 221812   | 50.433  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 85262    | 52.015  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 401805   | 51.609  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.305 | 106  | 312944   | 104.821 | ug/l   | 98       |
| 69) o-Xylene                  | 10.646 | 106  | 153756   | 52.081  | ug/l   | 98       |
| 70) Styrene                   | 10.659 | 104  | 259136   | 52.493  | ug/l   | 97       |
| 71) Bromoform                 | 10.805 | 173  | 65900    | 46.313  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 410244   | 51.076  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 182376   | 49.364  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 137259   | 48.322  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 124666m  | 48.318  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 100951   | 48.844  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 475337   | 50.625  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 288851   | 50.502  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 357332   | 52.077  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 35925    | 38.827  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 338953   | 50.367  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.719 | 119  | 353347   | 51.366  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 359547   | 52.700  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 441608   | 52.181  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 371903   | 51.535  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 193268   | 49.102  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 195795   | 48.155  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 320426   | 50.145  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 62137    | 52.362  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 190857   | 49.048  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 33765    | 49.231  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 118709   | 47.916  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 51360    | 45.319  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 414431   | 52.263  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 123222   | 48.538  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

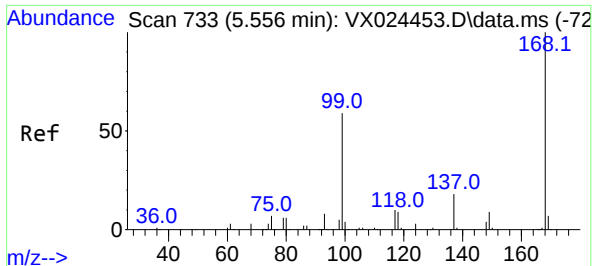
MMDadoda  
9/24/2021 6:58:06 PM

Quant Time: Sep 24 16:35:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 23 18:24:34 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed





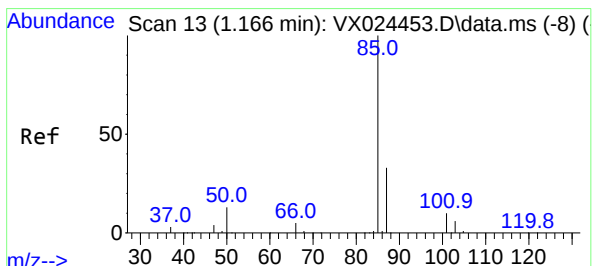
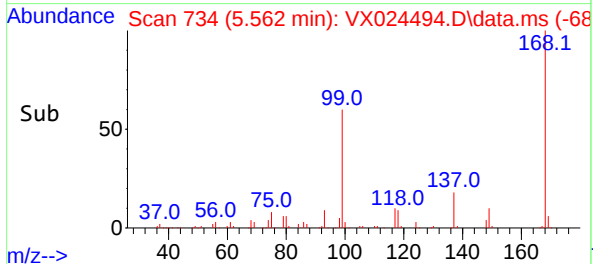
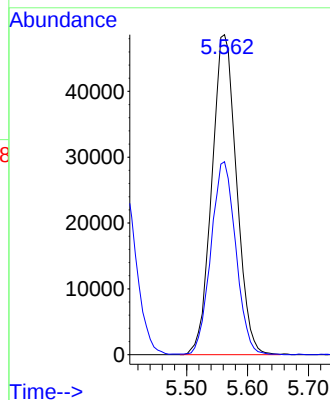
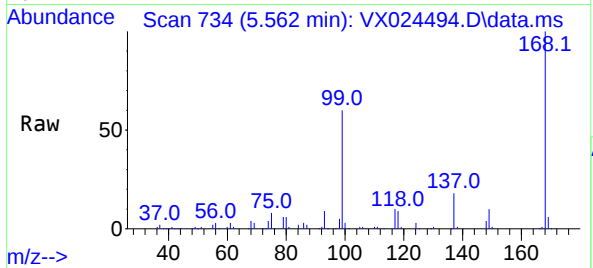
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 168 Resp: 136955  
Ion Ratio Lower Upper  
168 100  
99 60.2 45.8 68.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

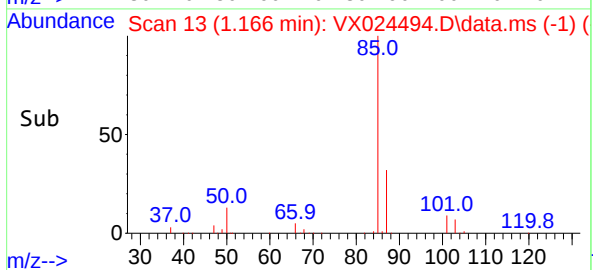
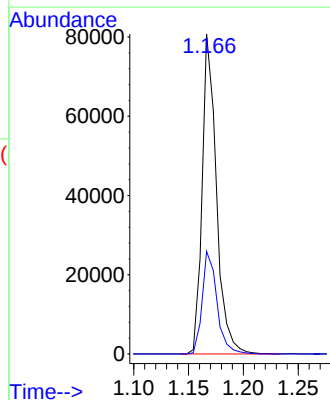
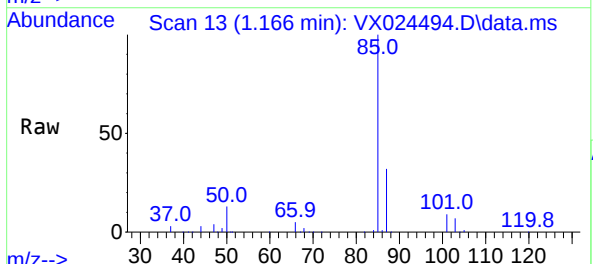
Manual Integrations  
APPROVED

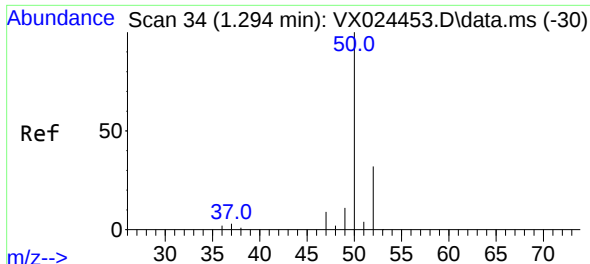
MMDadoda  
9/24/2021 6:58:06 PM



#2  
Dichlorodifluoromethane  
Concen: 53.100 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

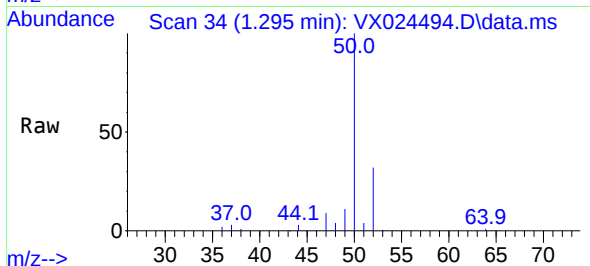
Tgt Ion: 85 Resp: 73177  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.4 49.2





#3  
Chloromethane  
Concen: 53.369 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

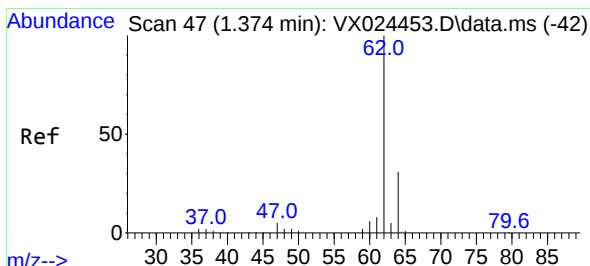
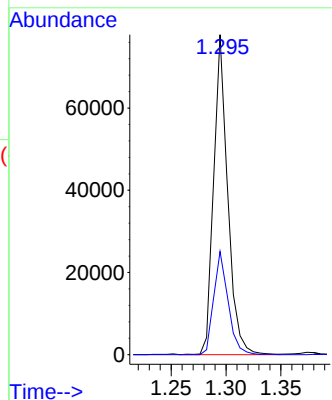
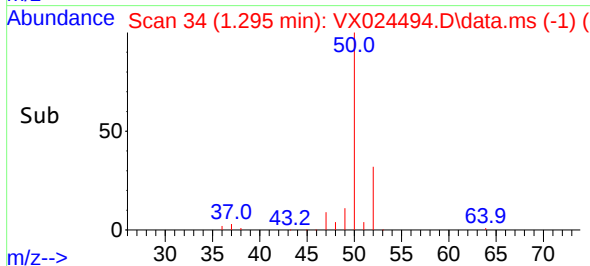
Instrument :  
MSVOA\_X  
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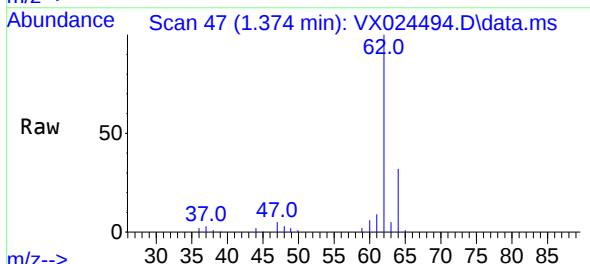
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Ion Ratio Lower Upper  
50 100  
52 32.2 26.4 39.6

Manual Integrations  
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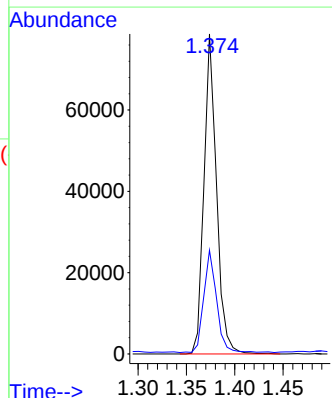
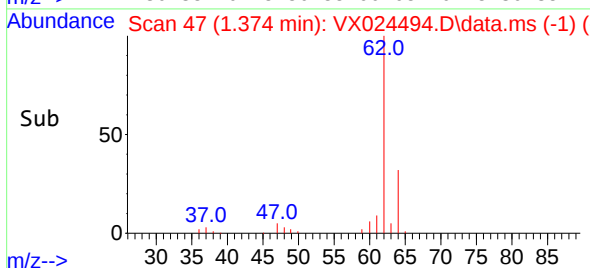
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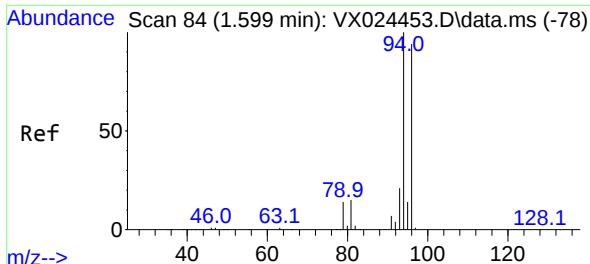


#4  
Vinyl Chloride  
Concen: 52.550 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion: 62 Resp: 71406  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.7 38.5





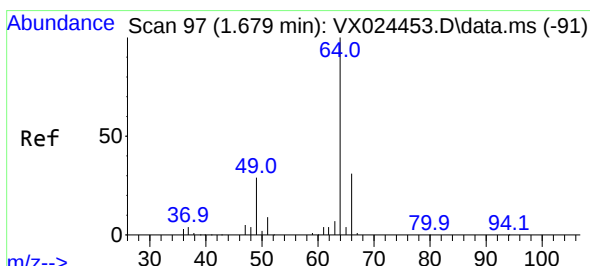
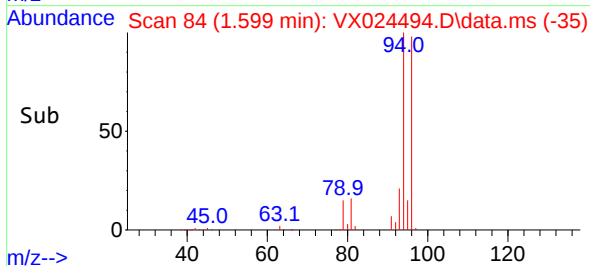
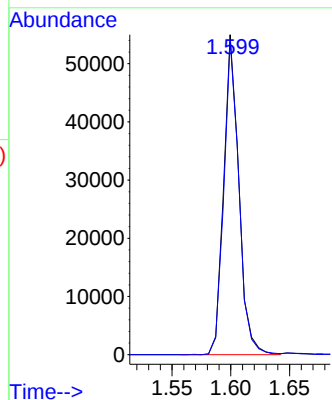
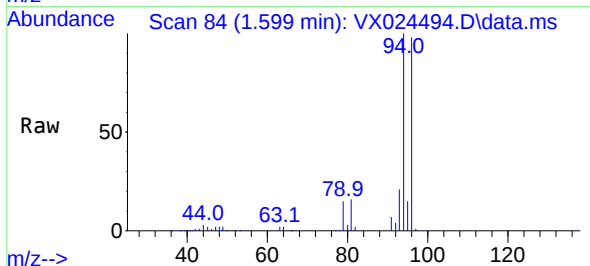
#5  
Bromomethane  
Concen: 54.011 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 94 Resp: 49395  
Ion Ratio Lower Upper  
94 100  
96 98.4 76.4 114.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

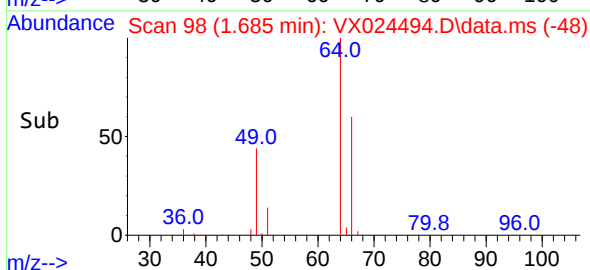
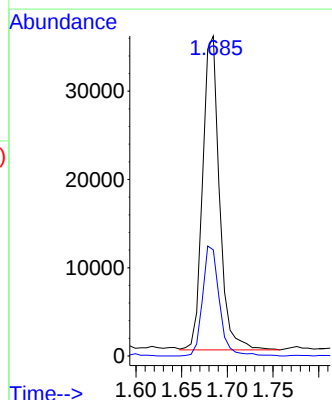
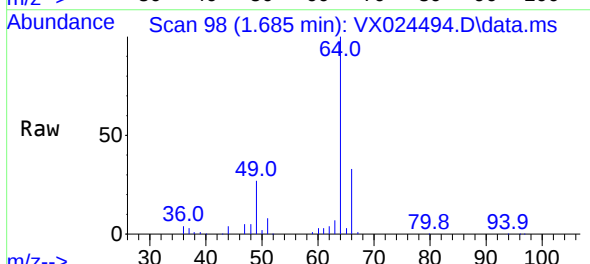
Manual Integrations  
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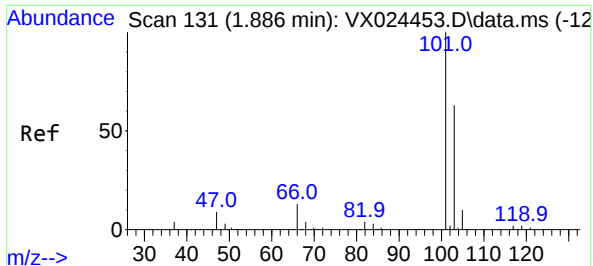
MMDadoda  
9/24/2021 6:58:06 PM



#6  
Chloroethane  
Concen: 50.251 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 64 Resp: 45479  
Ion Ratio Lower Upper  
64 100  
66 33.8 25.4 38.0





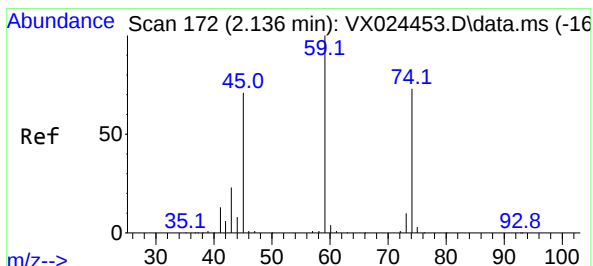
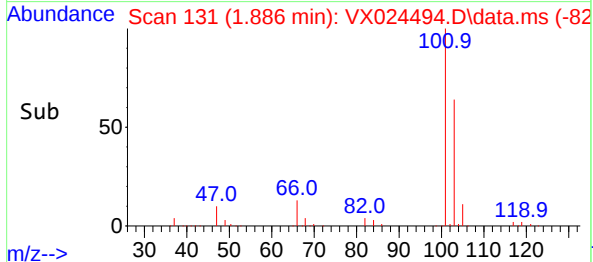
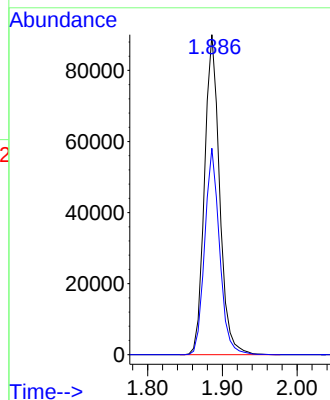
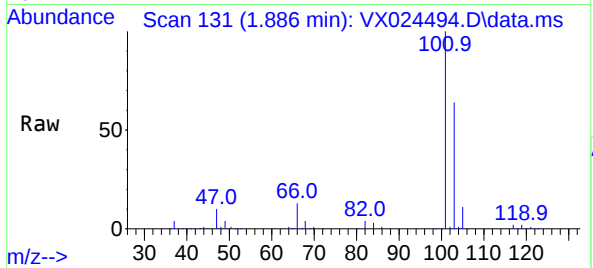
#7  
Trichlorofluoromethane  
Concen: 52.579 ug/l  
RT: 1.886 min Scan# 131  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion:101 Resp: 126078  
Ion Ratio Lower Upper  
101 100  
103 64.5 53.2 79.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

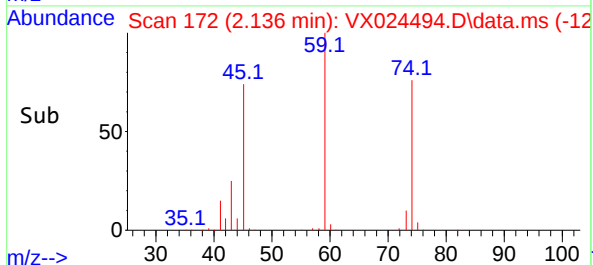
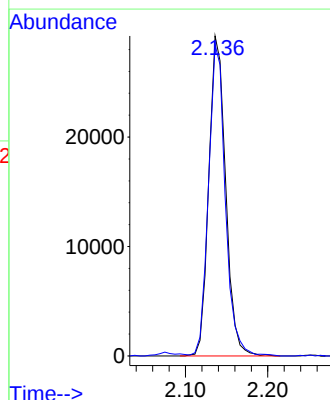
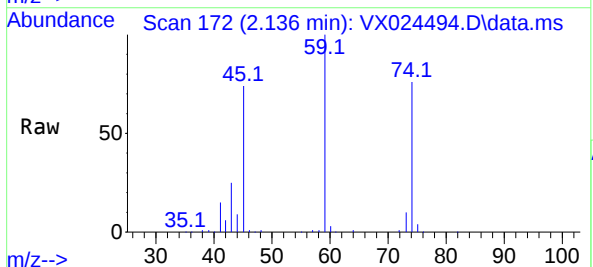
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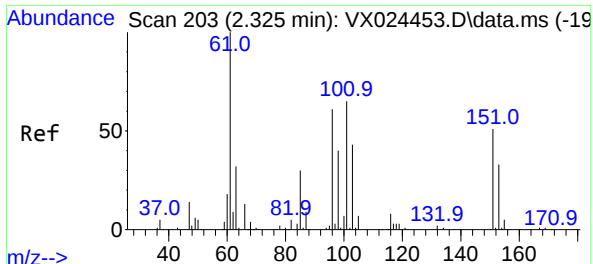
MMDadoda  
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#8  
Diethyl Ether  
Concen: 51.051 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 74 Resp: 41667  
Ion Ratio Lower Upper  
74 100  
45 97.2 44.5 133.5





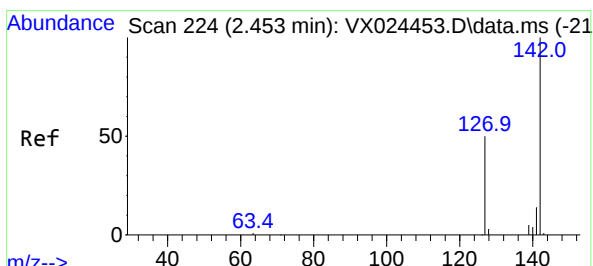
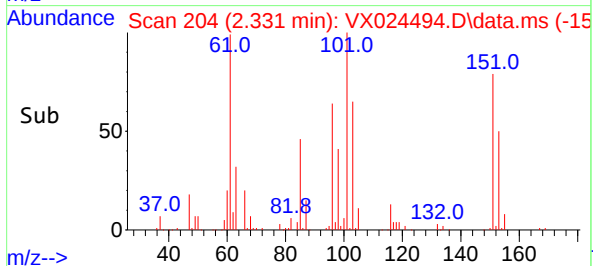
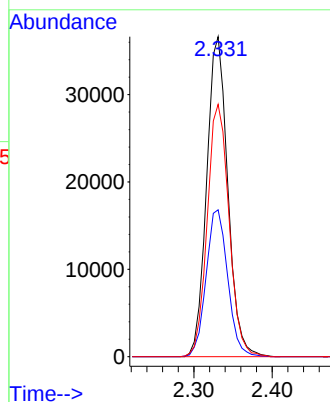
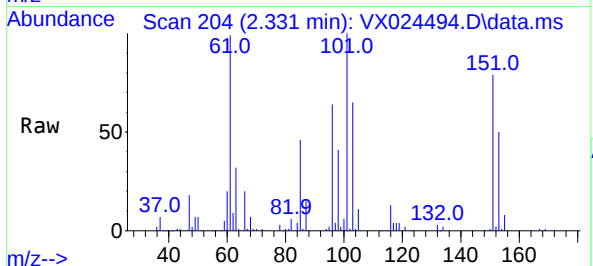
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.698 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion:101 Resp: 68552  
Ion Ratio Lower Upper  
101 100  
85 47.0 34.9 52.3  
151 81.3 61.4 92.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

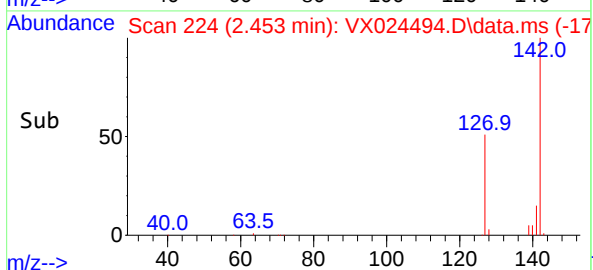
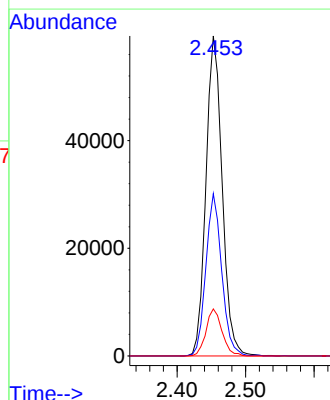
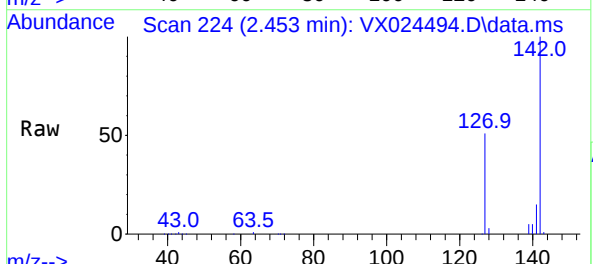
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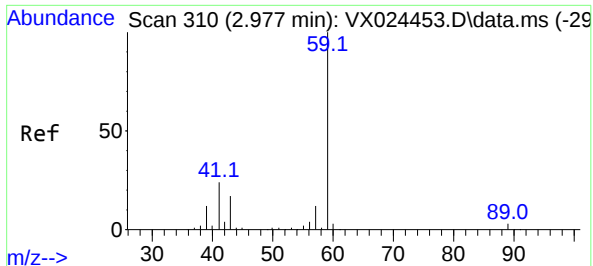
MMDadoda  
9/24/2021 6:58:06 PM



#10  
Methyl Iodide  
Concen: 51.889 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion:142 Resp: 98172  
Ion Ratio Lower Upper  
142 100  
127 49.6 33.3 49.9  
141 14.5 11.4 17.0





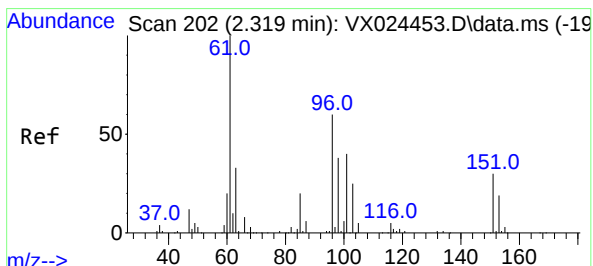
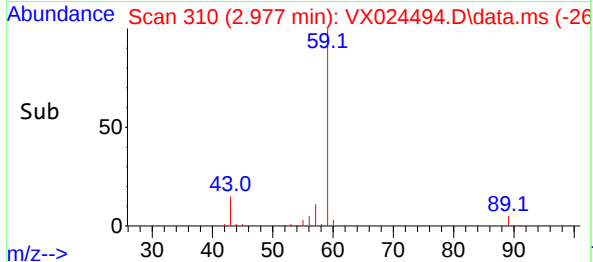
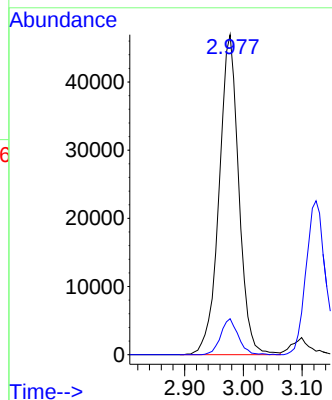
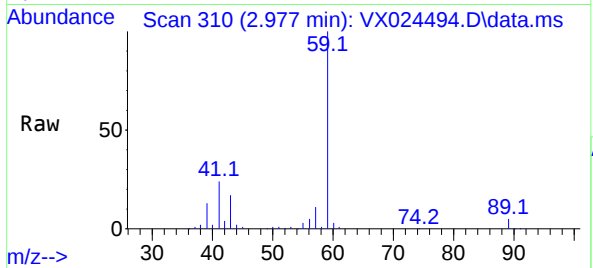
#11  
Tert butyl alcohol  
Concen: 242.998 ug/l  
RT: 2.977 min Scan# 310  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 59 Resp: 109243  
Ion Ratio Lower Upper  
59 100  
57 10.1 7.8 11.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

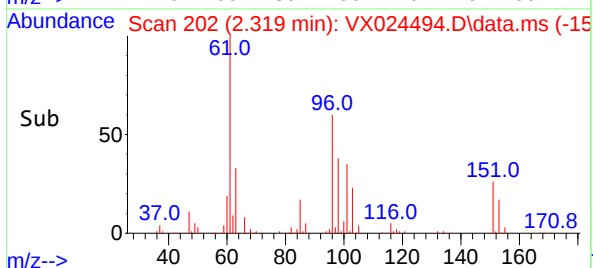
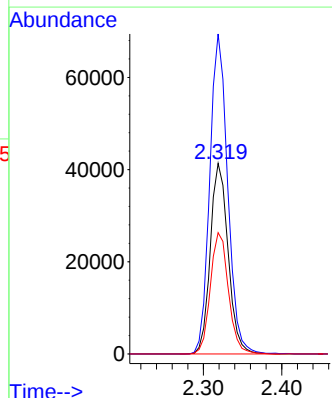
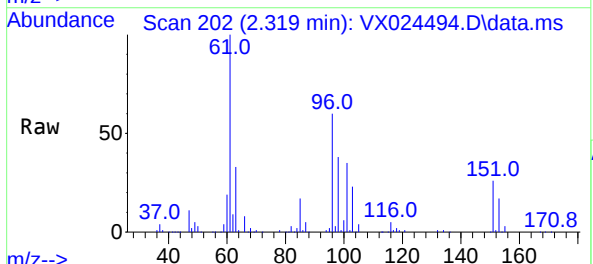
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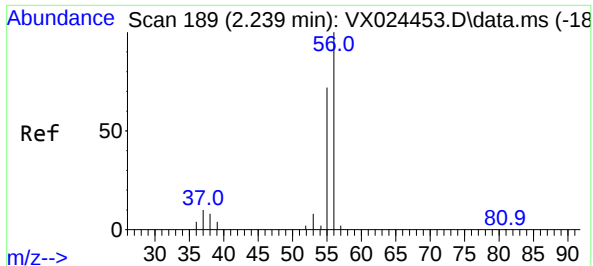
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#12  
1,1-Dichloroethene  
Concen: 52.102 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

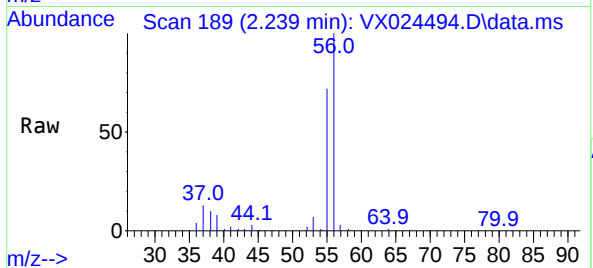
Tgt Ion: 96 Resp: 65411  
Ion Ratio Lower Upper  
96 100  
61 168.0 124.6 187.0  
98 63.7 50.6 76.0



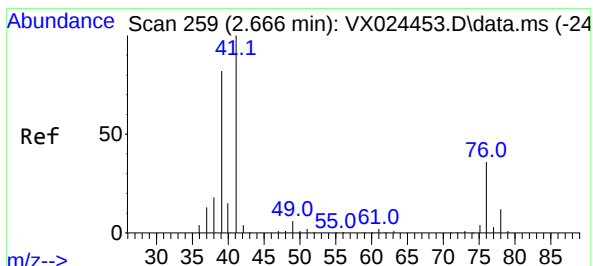
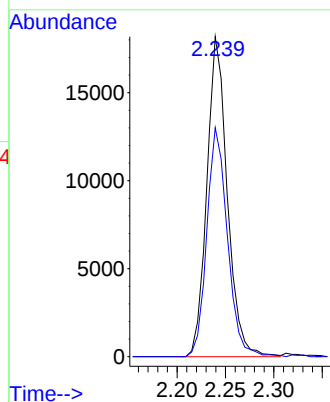
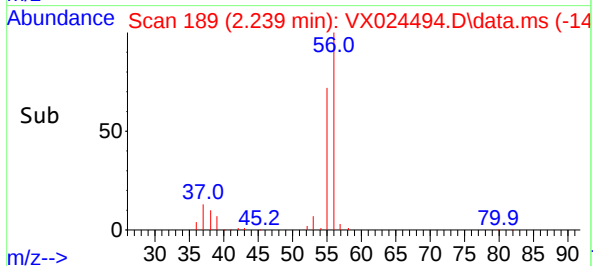


#13  
Acrolein  
Concen: 256.318 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

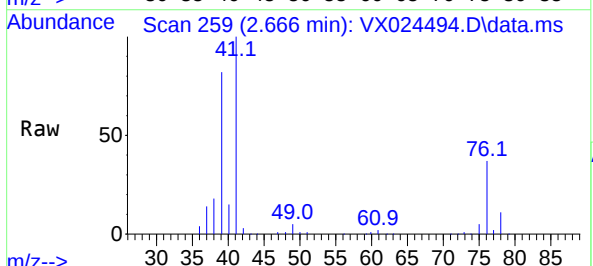
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



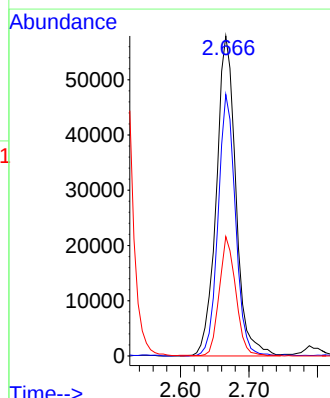
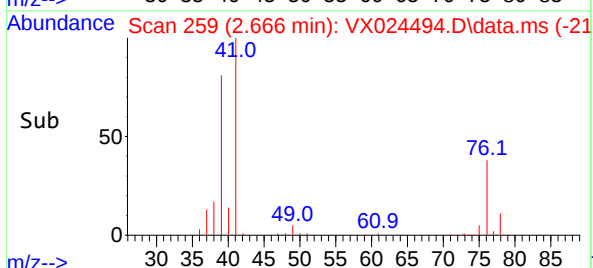
Tgt Ion: 56 Resp: 26786  
Ion Ratio Lower Upper  
56 100  
55 72.1 56.4 84.6

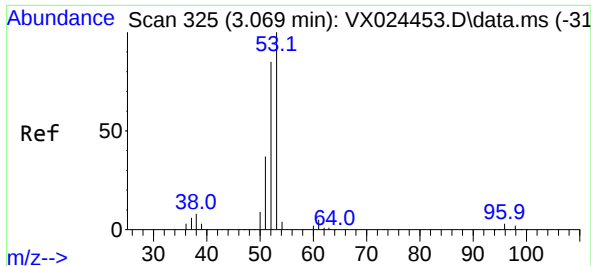


#14  
Allyl chloride  
Concen: 50.039 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

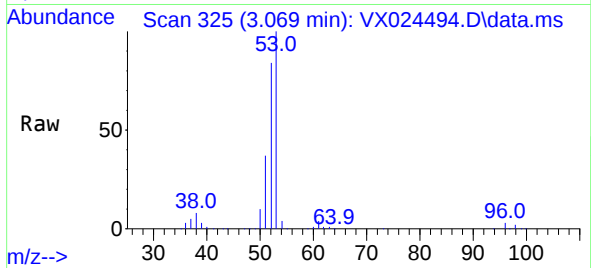


Tgt Ion: 41 Resp: 114852  
Ion Ratio Lower Upper  
41 100  
39 72.7 51.6 77.4  
76 31.5 30.5 45.7



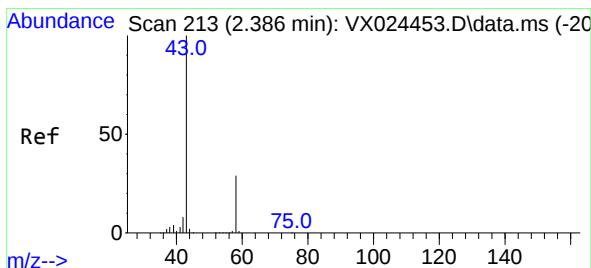
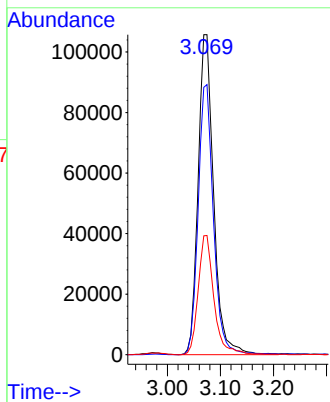
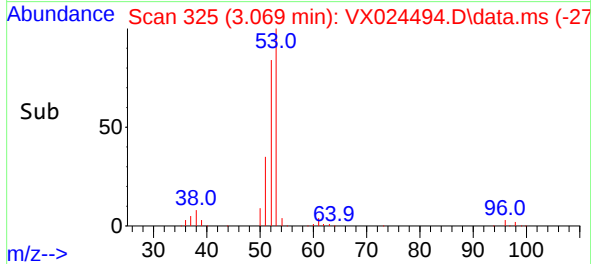


#15  
Acrylonitrile  
Concen: 245.548 ug/l  
RT: 3.069 min Scan# 325  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

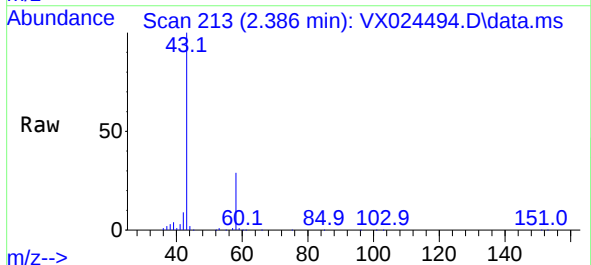


Tgt Ion: 53 Resp: 215319

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.3  | 65.3  | 97.9  |
| 51  | 38.0  | 28.2  | 42.2  |

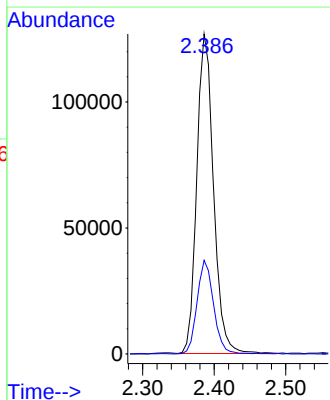
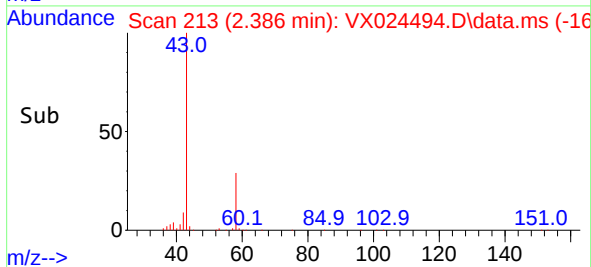


#16  
Acetone  
Concen: 252.615 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion: 43 Resp: 205644

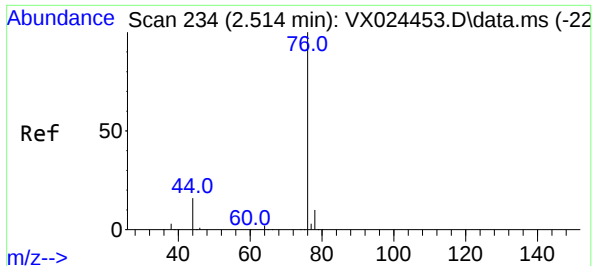
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.2  | 27.8  | 41.8  |



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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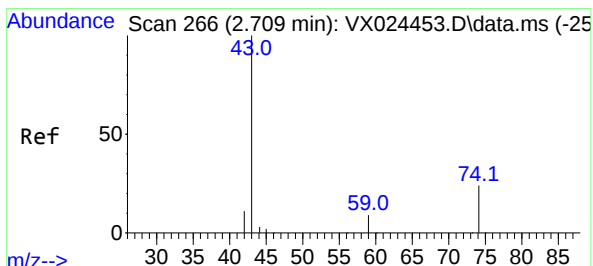
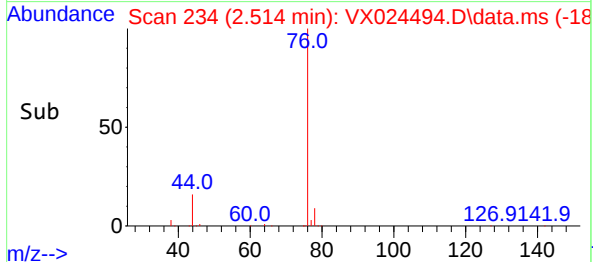
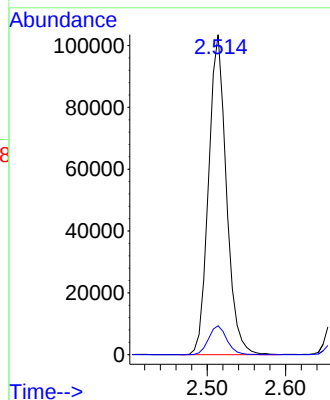
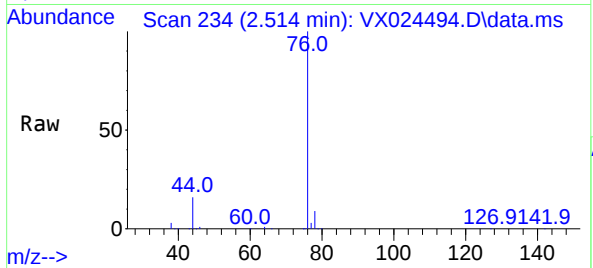
#17  
Carbon Disulfide  
Concen: 50.496 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 76 Resp: 163426  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

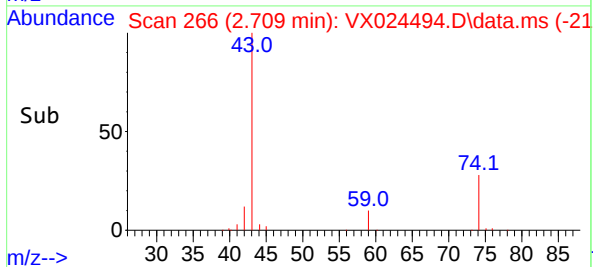
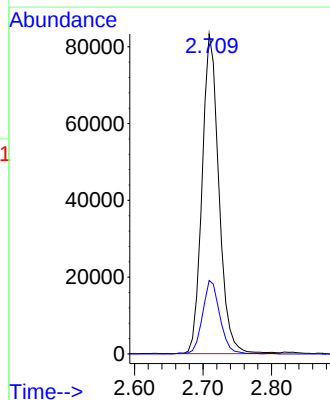
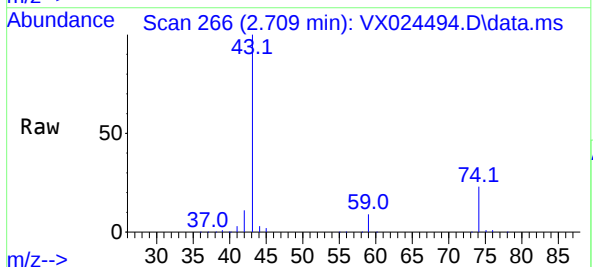
Manual Integrations  
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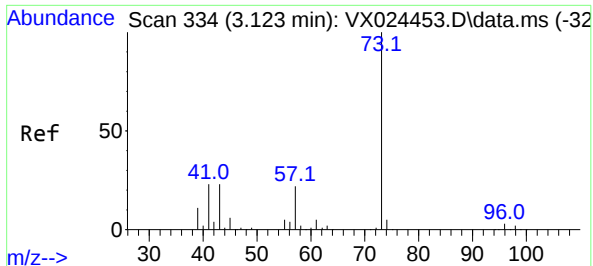
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#18  
Methyl Acetate  
Concen: 49.182 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 43 Resp: 142151  
Ion Ratio Lower Upper  
43 100  
74 23.8 21.9 32.9





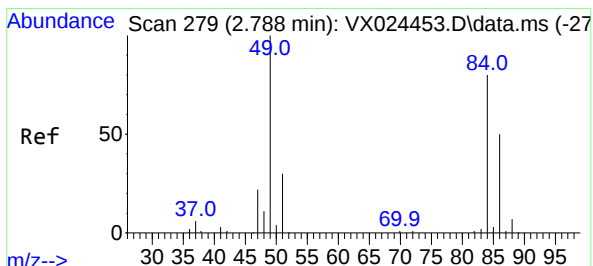
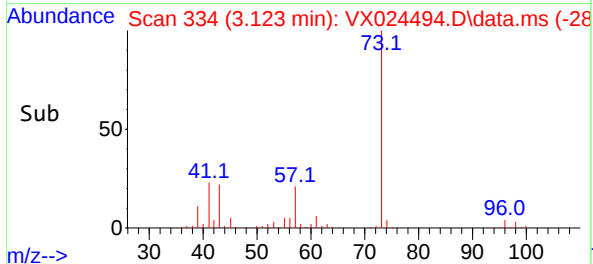
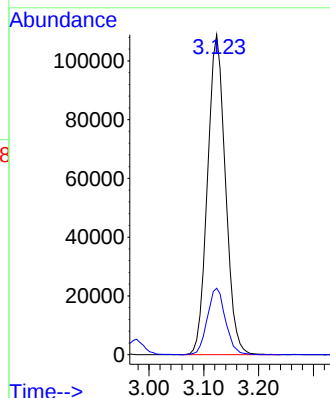
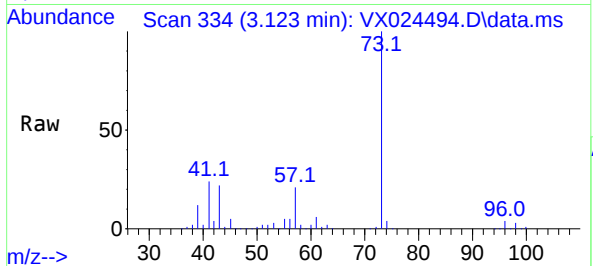
#19  
Methyl tert-butyl Ether  
Concen: 52.057 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 73 Resp: 246299  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.1 25.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

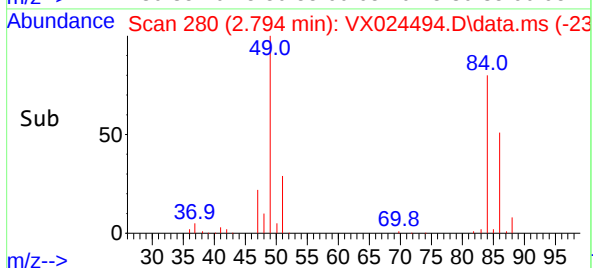
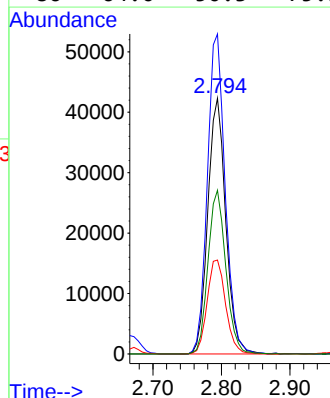
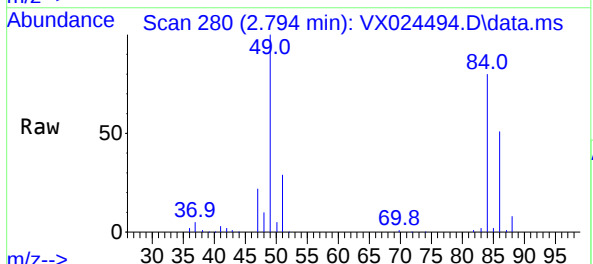
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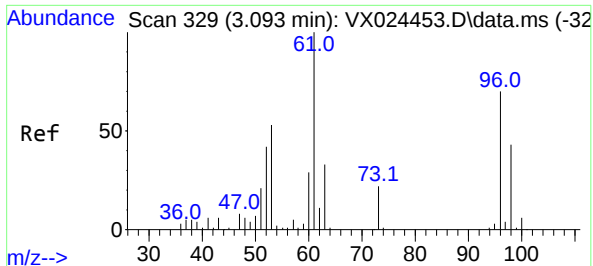
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#20  
Methylene Chloride  
Concen: 53.564 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

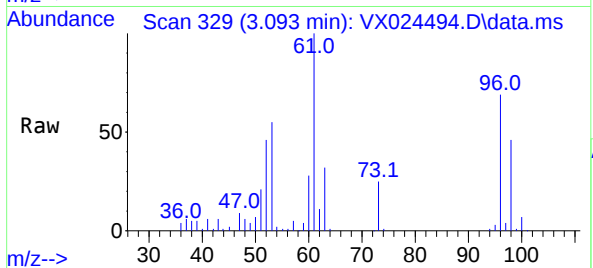
Tgt Ion: 84 Resp: 77241  
Ion Ratio Lower Upper  
84 100  
49 125.1 88.6 132.8  
51 36.7 27.0 40.6  
86 64.0 50.3 75.5





#21  
trans-1,2-Dichloroethene  
Concen: 50.909 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

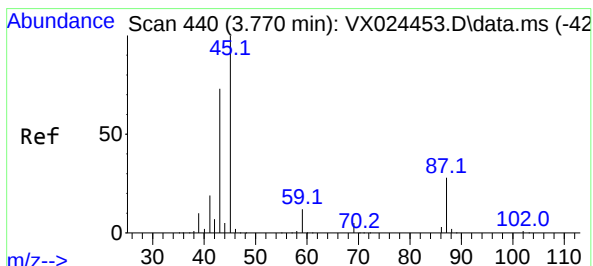
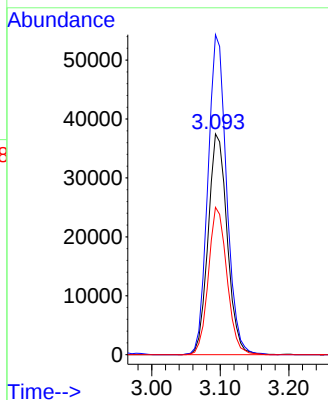
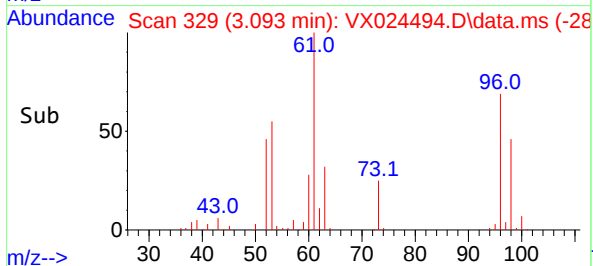
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



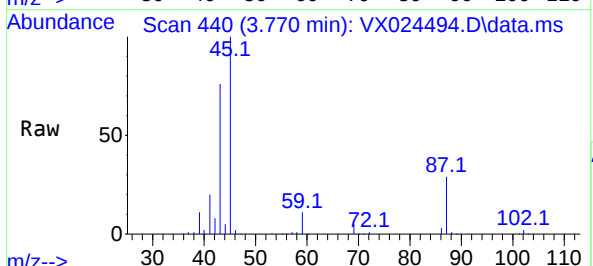
Tgt Ion: 96 Resp: 72577  
Ion Ratio Lower Upper  
96 100  
61 145.0 107.7 161.5  
98 66.8 50.4 75.6

Manual Integrations  
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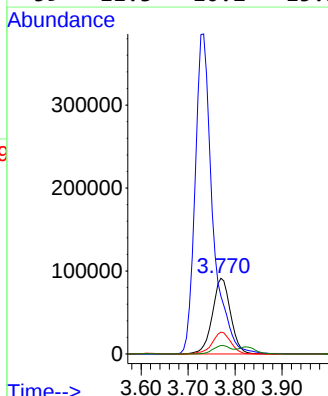
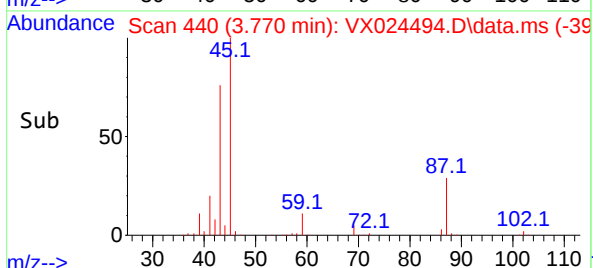
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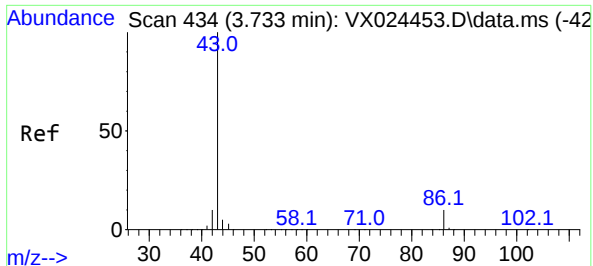


#22  
Diisopropyl ether  
Concen: 52.233 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



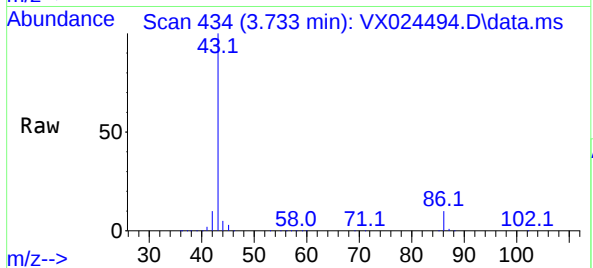
Tgt Ion: 45 Resp: 244943  
Ion Ratio Lower Upper  
45 100  
43 76.2 58.0 87.0  
87 28.8 25.4 38.0  
59 11.3 10.2 15.2





#23  
 Vinyl Acetate  
 Concen: 264.831 ug/l  
 RT: 3.733 min Scan# 434  
 Delta R.T. 0.000 min  
 Lab File: VX024494.D  
 Acq: 24 Sep 2021 09:43

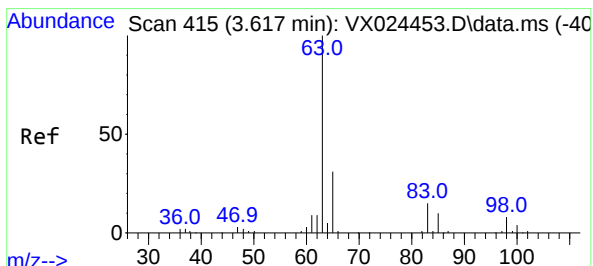
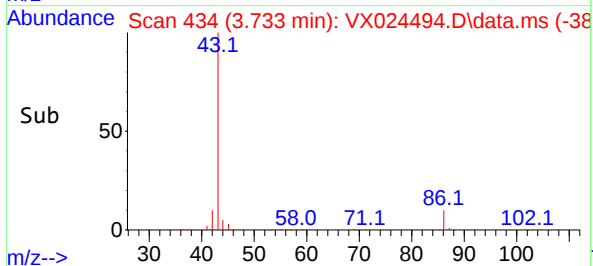
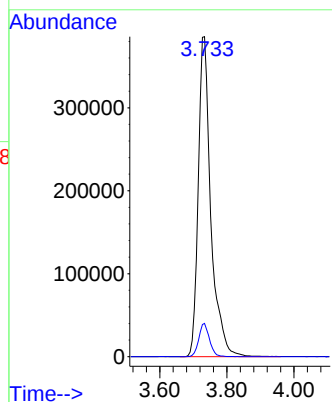
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC



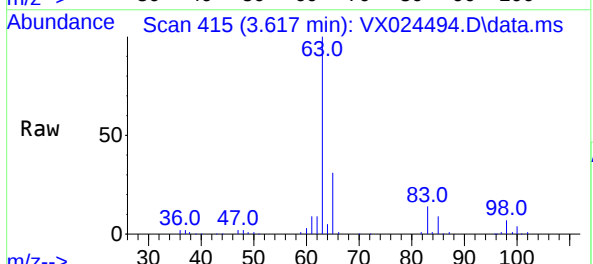
Tgt Ion: 43 Resp: 1005666  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 9.9 14.9

Manual Integrations  
 APPROVED

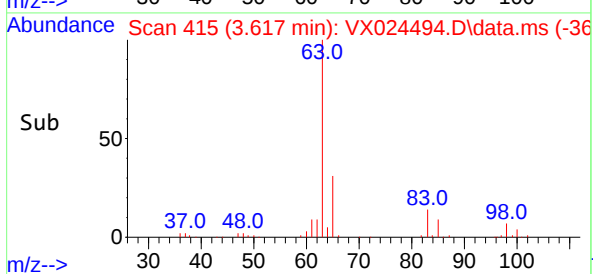
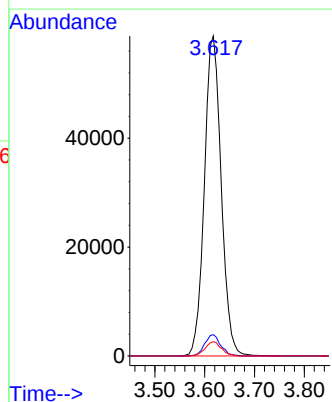
MMDadoda  
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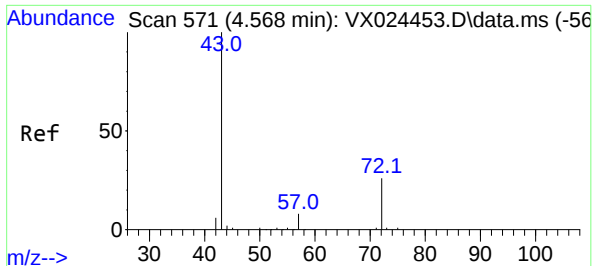


#24  
 1,1-Dichloroethane  
 Concen: 52.894 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.000 min  
 Lab File: VX024494.D  
 Acq: 24 Sep 2021 09:43



Tgt Ion: 63 Resp: 137720  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.8 11.2  
 100 4.5 2.5 7.5





#25

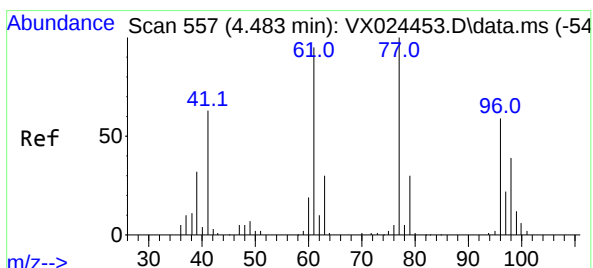
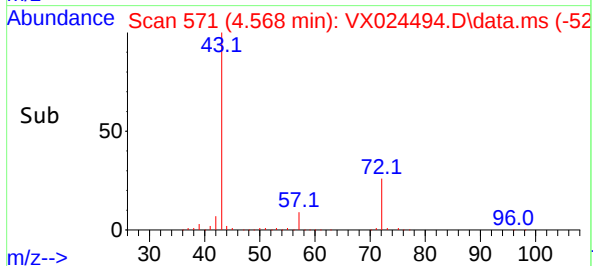
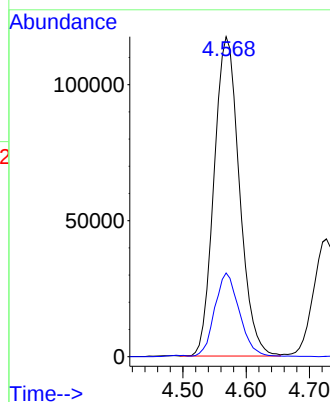
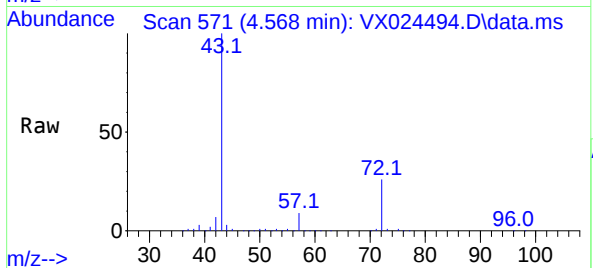
2-Butanone  
Concen: 246.076 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 43 Resp: 327109  
Ion Ratio Lower Upper  
43 100  
72 26.0 23.7 35.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

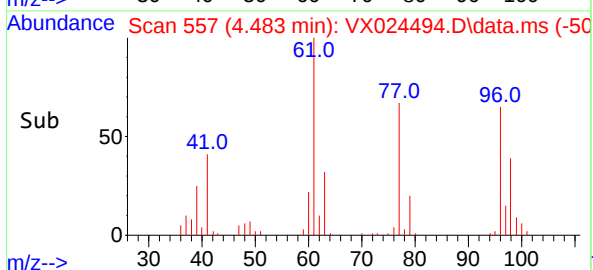
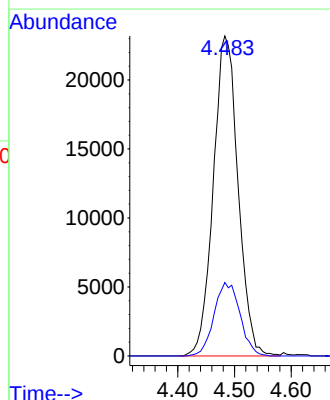
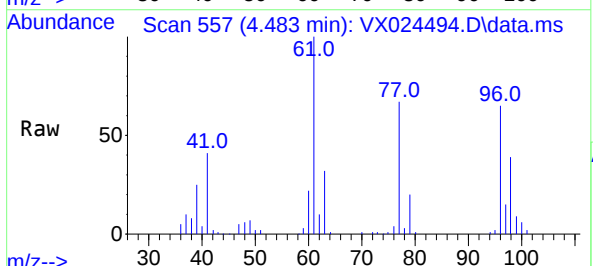
MMDadoda  
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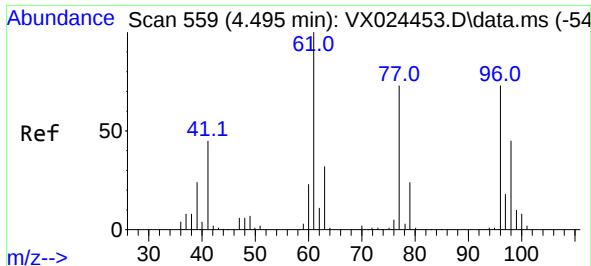


#26

2,2-Dichloropropane  
Concen: 30.042 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 77 Resp: 70364  
Ion Ratio Lower Upper  
77 100  
97 24.0 11.7 35.1





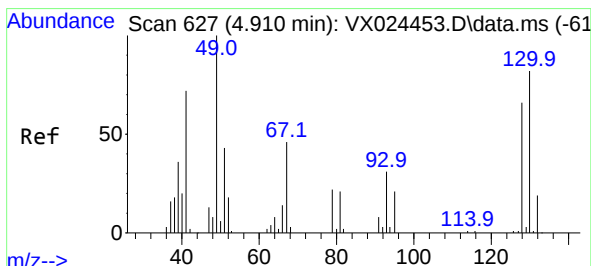
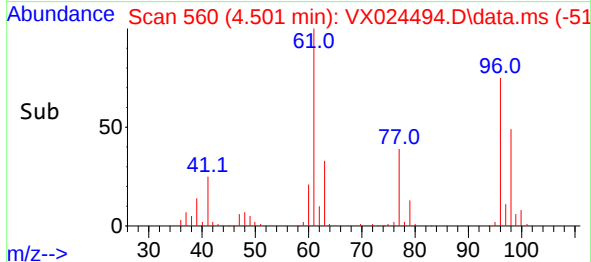
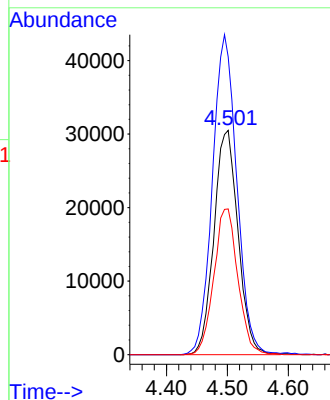
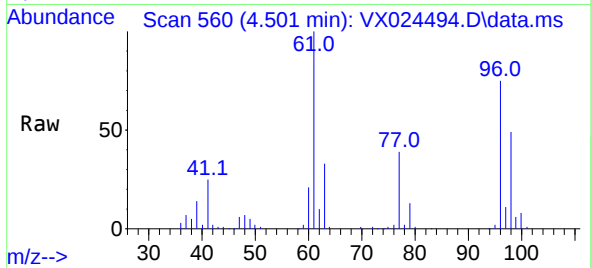
#27  
cis-1,2-Dichloroethene  
Concen: 50.343 ug/l  
RT: 4.501 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 96 Resp: 83884  
Ion Ratio Lower Upper  
96 100  
61 144.0 0.0 285.6  
98 64.7 0.0 129.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

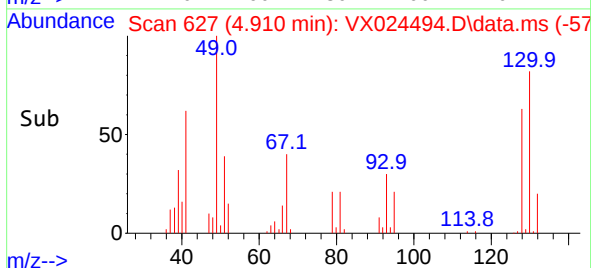
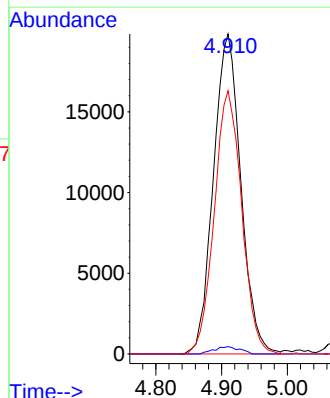
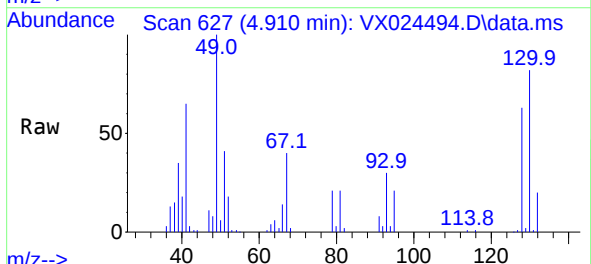
Manual Integrations  
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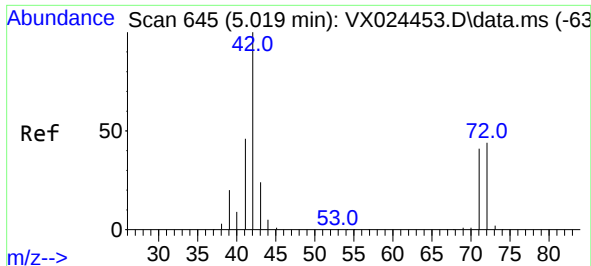
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#28  
Bromochloromethane  
Concen: 48.639 ug/l  
RT: 4.910 min Scan# 627  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

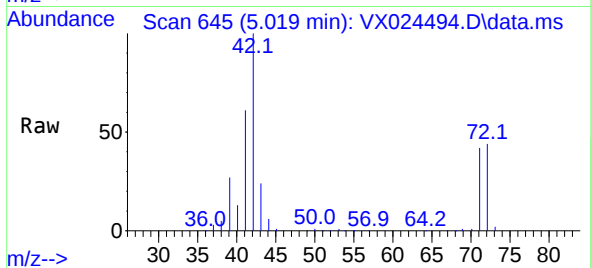
Tgt Ion: 49 Resp: 57491  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 4.0  
130 82.2 68.2 102.2





#29  
Tetrahydrofuran  
Concen: 252.884 ug/l  
RT: 5.019 min Scan# 645  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

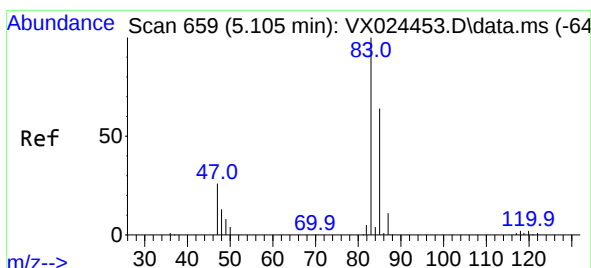
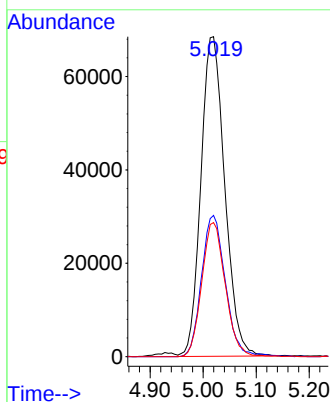
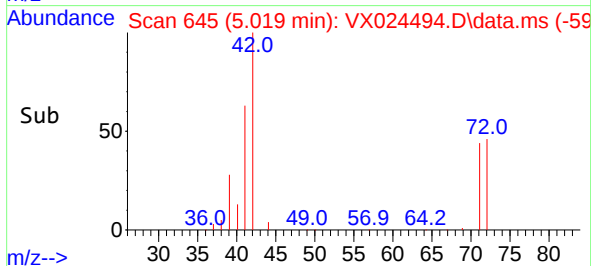
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



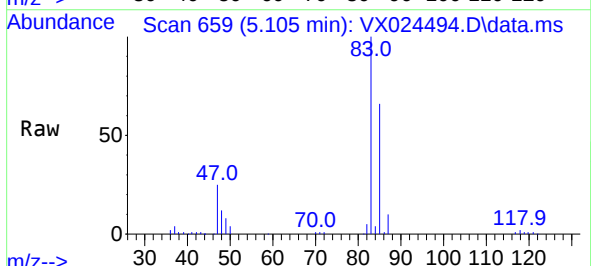
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 214197 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 44.2  | 41.7  | 62.5   |
| 71       | 41.4  | 38.4  | 57.6   |

Manual Integrations  
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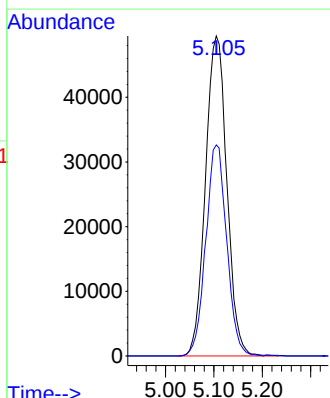
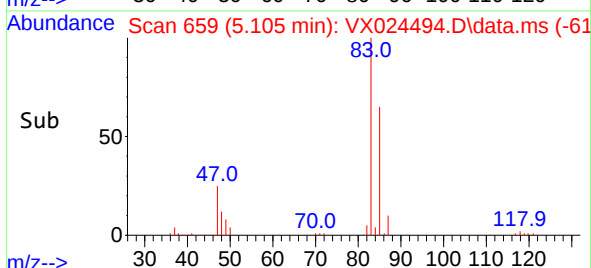
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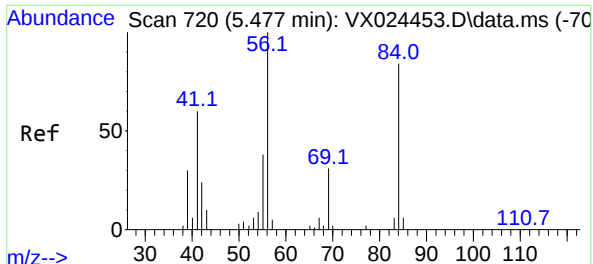


#30  
Chloroform  
Concen: 52.785 ug/l  
RT: 5.105 min Scan# 659  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



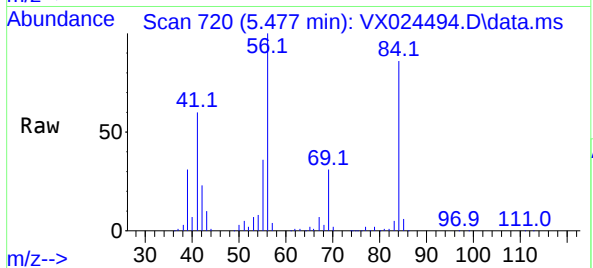
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 151787 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.0  | 52.0  | 78.0   |





#31  
Cyclohexane  
Concen: 52.076 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

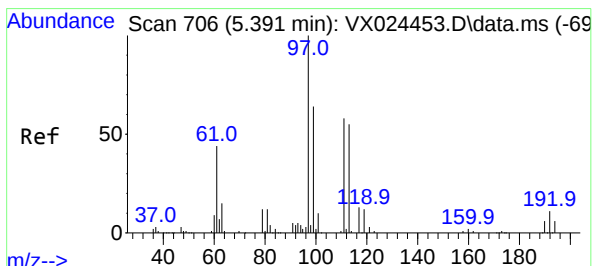
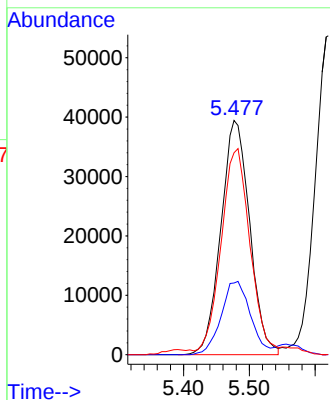
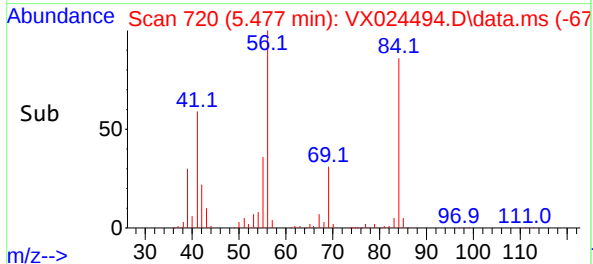
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



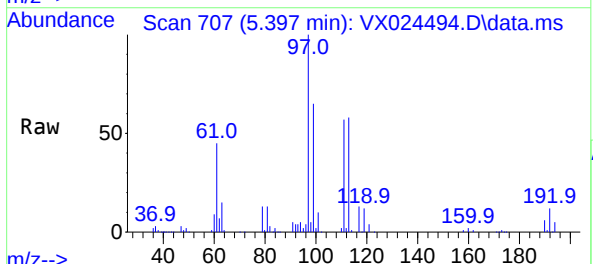
Tgt Ion: 56 Resp: 120364  
Ion Ratio Lower Upper  
56 100  
69 30.6 25.3 37.9  
84 84.0 71.4 107.0

Manual Integrations  
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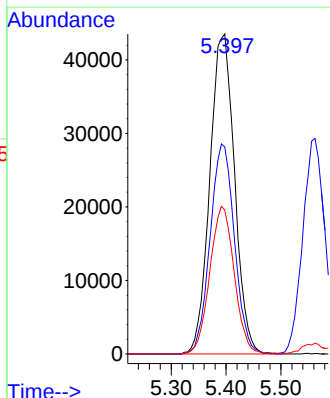
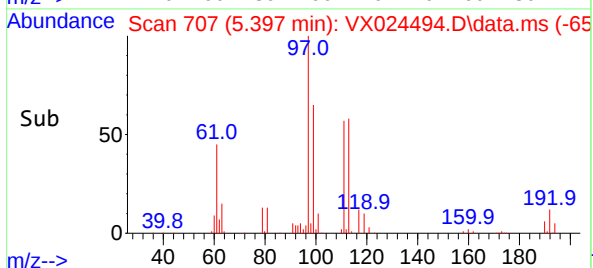
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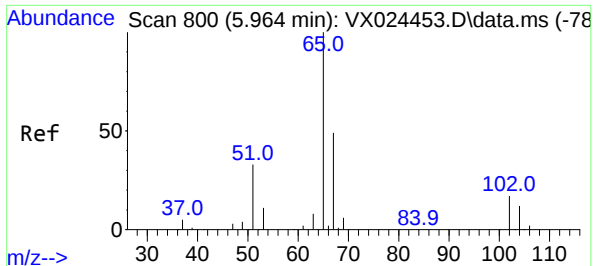


#32  
1,1,1-Trichloroethane  
Concen: 53.428 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion: 97 Resp: 136400  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.5 77.3  
61 45.5 34.2 51.4





#33

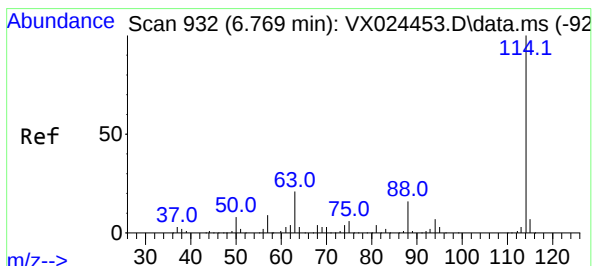
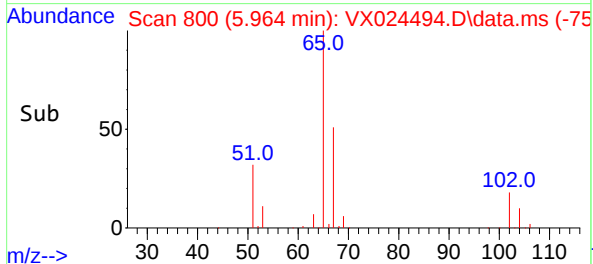
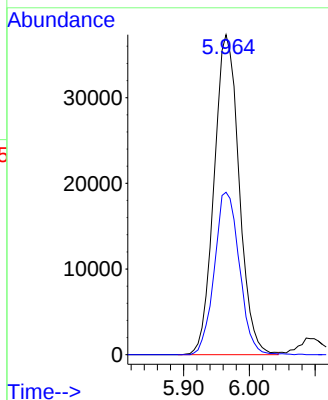
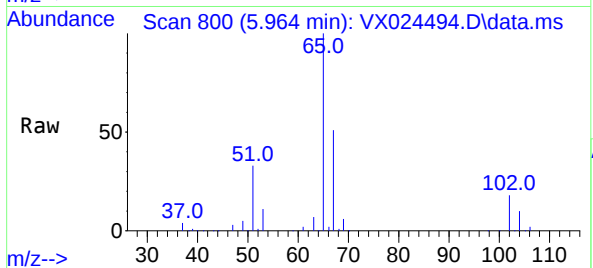
1,2-Dichloroethane-d4  
Concen: 51.164 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 65 Resp: 98758  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 105.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

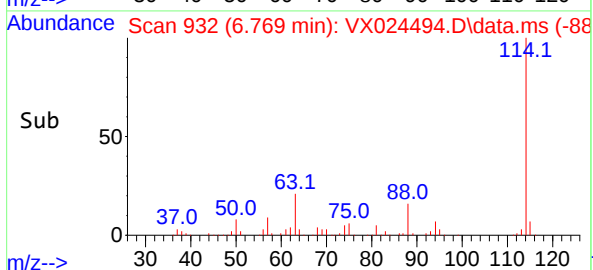
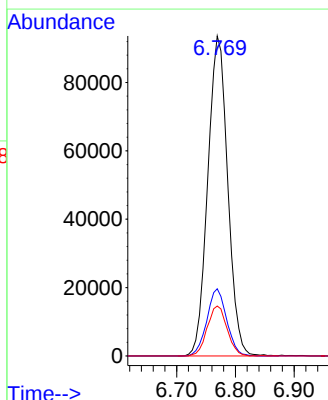
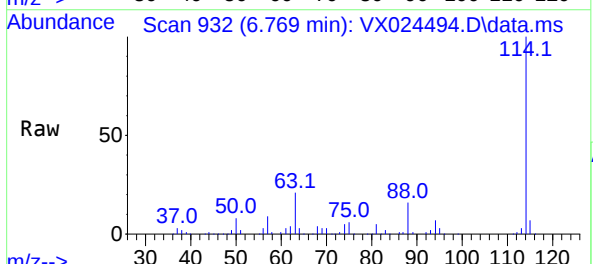
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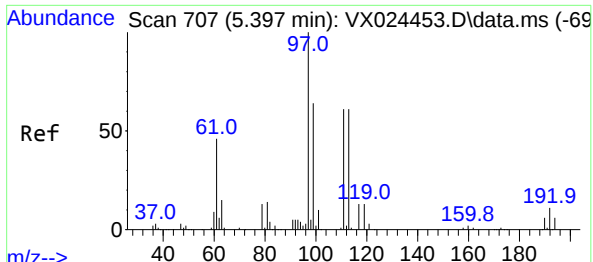


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

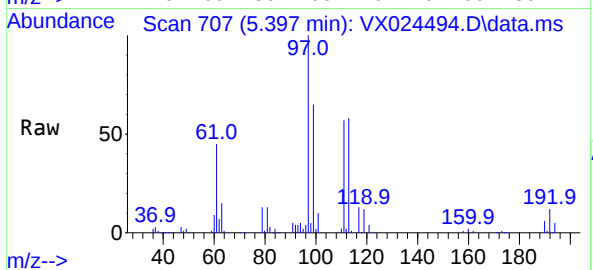
Tgt Ion: 114 Resp: 220706  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 40.8  
88 15.6 0.0 32.8





#35  
Dibromofluoromethane  
Concen: 50.302 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

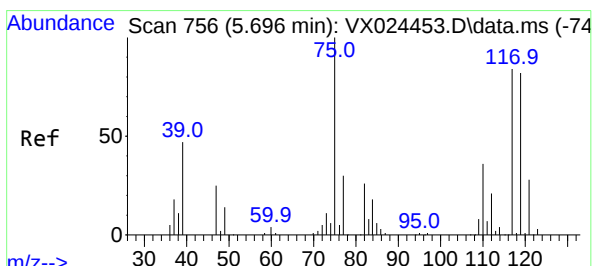
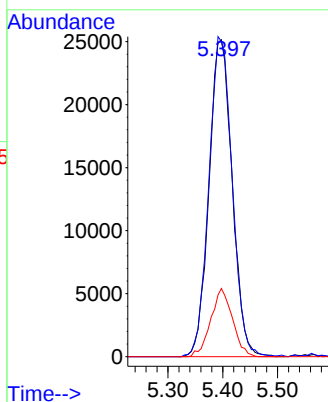
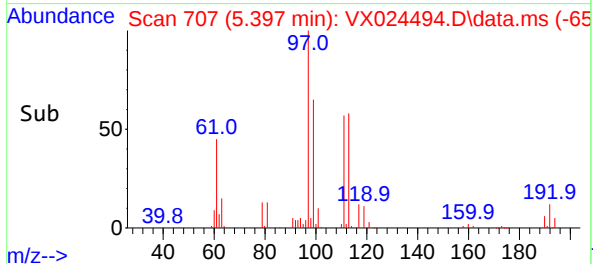
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



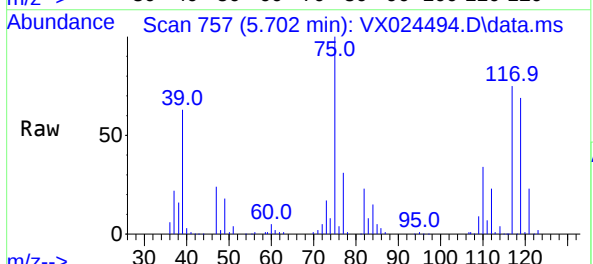
Tgt Ion: 113 Resp: 73753  
Ion Ratio Lower Upper  
113 100  
111 101.5 81.9 122.9  
192 20.1 16.7 25.1

Manual Integrations  
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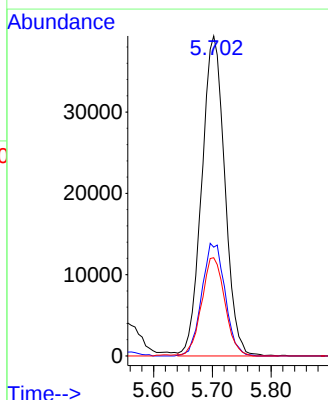
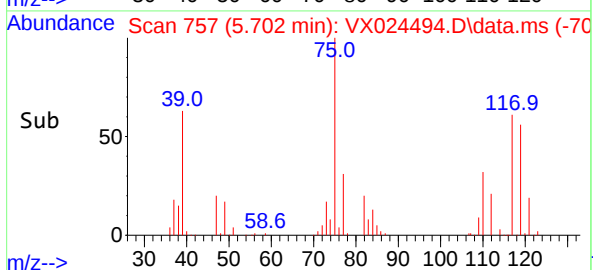
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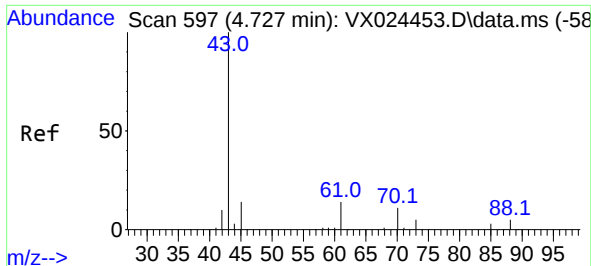


#36  
1,1-Dichloropropene  
Concen: 50.655 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



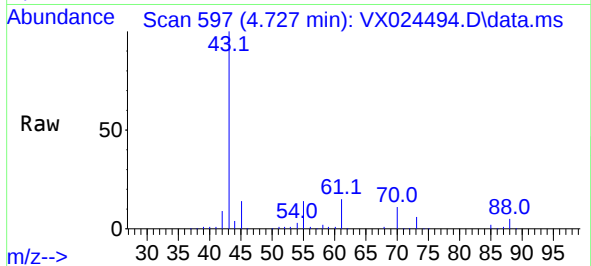
Tgt Ion: 75 Resp: 107177  
Ion Ratio Lower Upper  
75 100  
110 35.7 18.1 54.4  
77 31.0 25.3 37.9





#37  
Ethyl Acetate  
Concen: 47.642 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

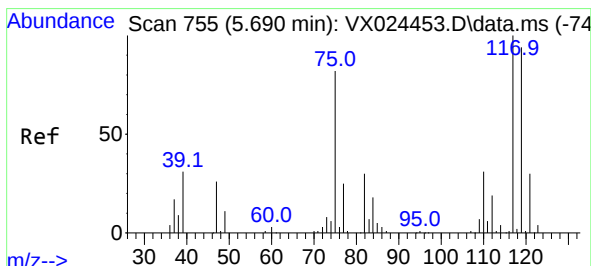
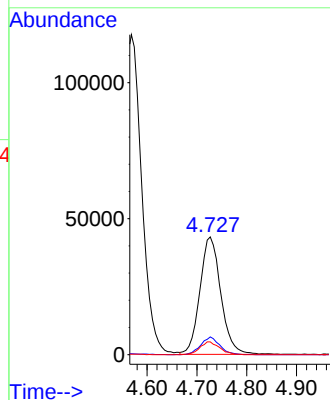
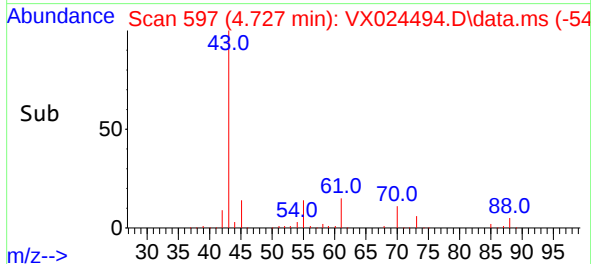
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



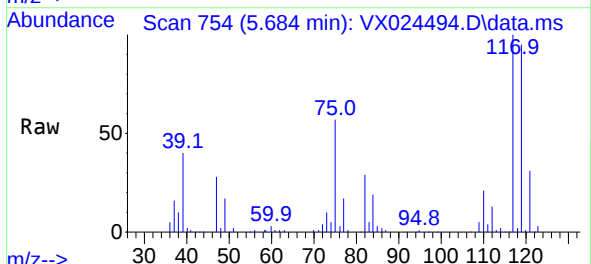
Tgt Ion: 43 Resp: 125851  
Ion Ratio Lower Upper  
43 100  
61 13.7 12.8 19.2  
70 10.3 10.5 15.7#

Manual Integrations  
APPROVED

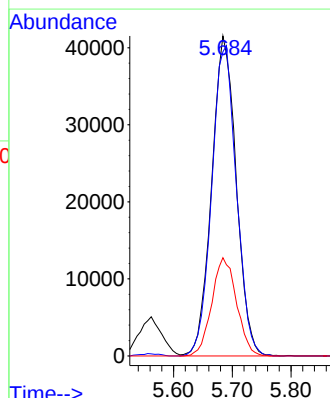
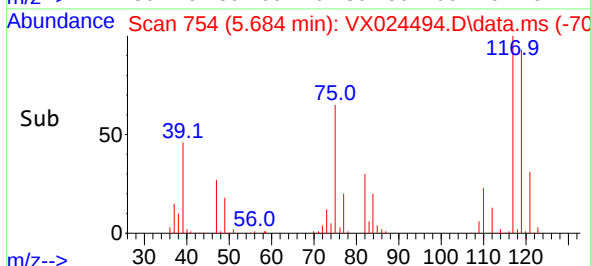
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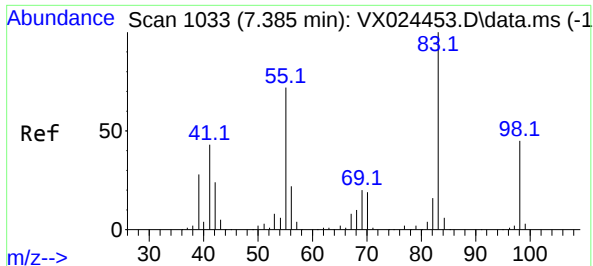


#38  
Carbon Tetrachloride  
Concen: 52.308 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion: 117 Resp: 120473  
Ion Ratio Lower Upper  
117 100  
119 95.0 76.2 114.2  
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 49.835 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX024494.D

Acq: 24 Sep 2021 09:43

Tgt Ion: 83 Resp: 123463

Ion Ratio Lower Upper

83 100

55 72.5 58.9 88.3

98 43.6 38.1 57.1

Instrument :

MSVOA\_X

ClientSampleId :

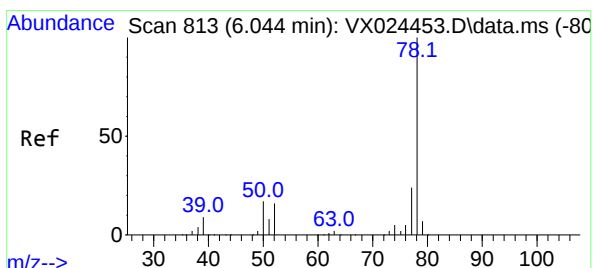
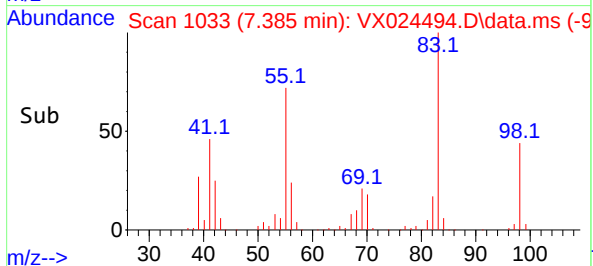
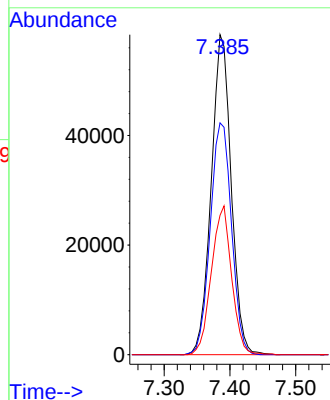
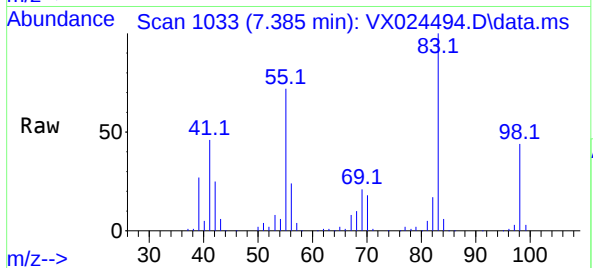
VSTDCCC050EC

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#40

Benzene

Concen: 50.907 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX024494.D

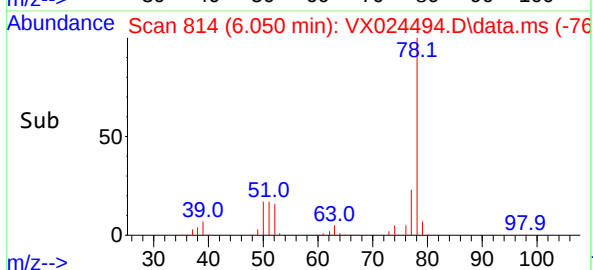
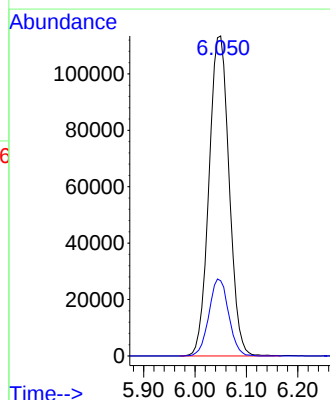
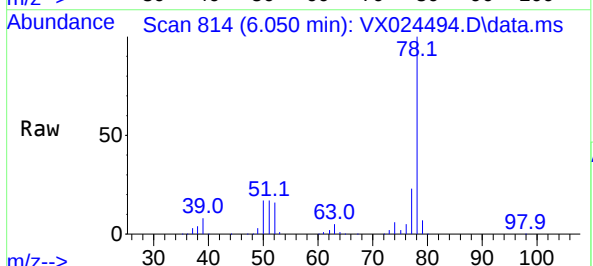
Acq: 24 Sep 2021 09:43

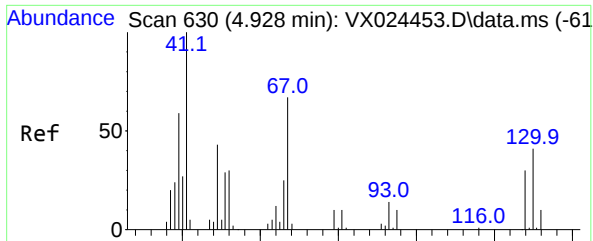
Tgt Ion: 78 Resp: 307997

Ion Ratio Lower Upper

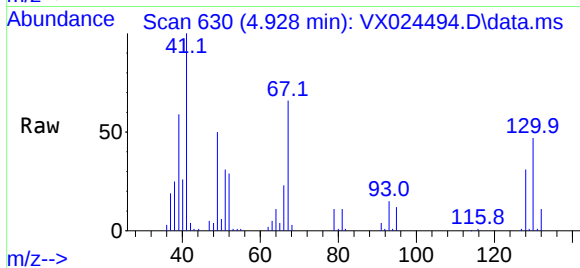
78 100

77 23.5 18.9 28.3

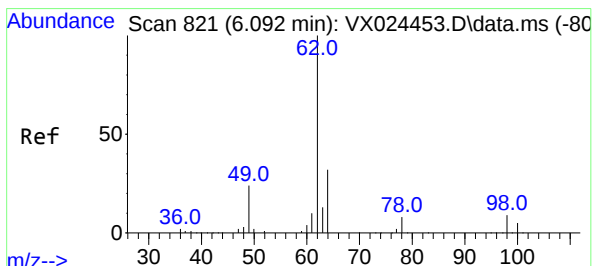
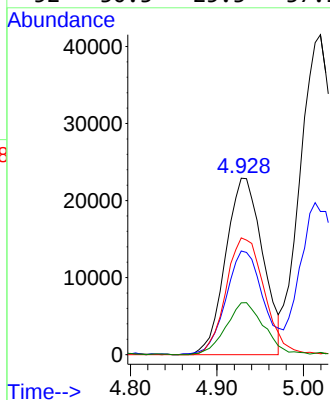
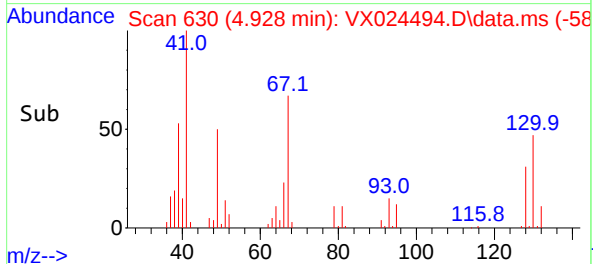




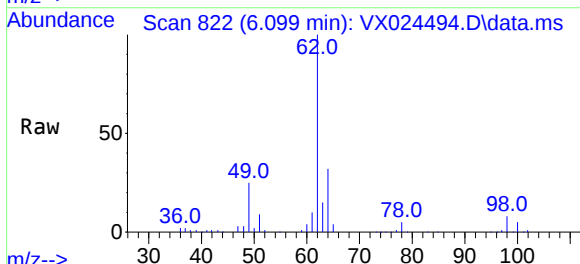
#41  
Methacrylonitrile  
Concen: 49.988 ug/l  
RT: 4.928 min Scan# 630  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



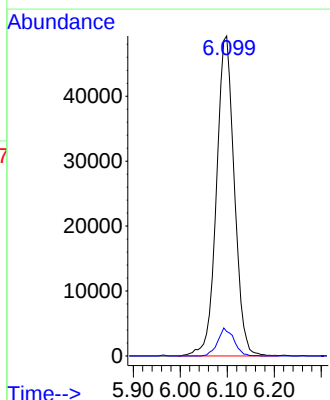
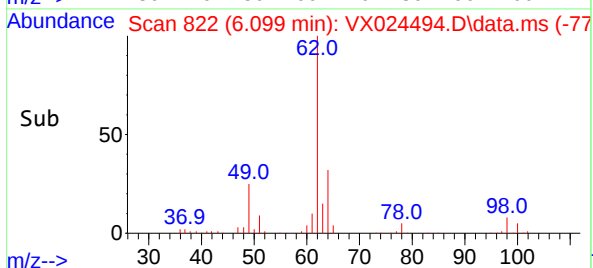
Tgt Ion: 41 Resp: 68193  
Ion Ratio Lower Upper  
41 100  
39 60.2 42.5 63.7  
67 68.9 65.0 97.6  
52 30.3 25.3 37.9



#42  
1,2-Dichloroethane  
Concen: 51.197 ug/l  
RT: 6.099 min Scan# 822  
Delta R.T. 0.007 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



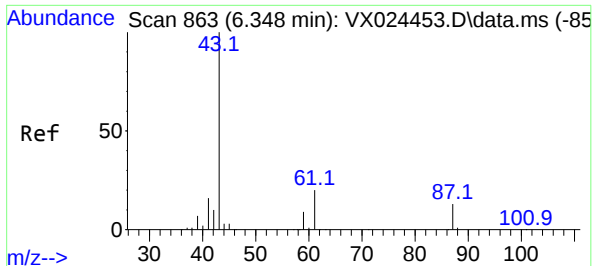
Tgt Ion: 62 Resp: 130083  
Ion Ratio Lower Upper  
62 100  
98 7.9 0.0 20.2



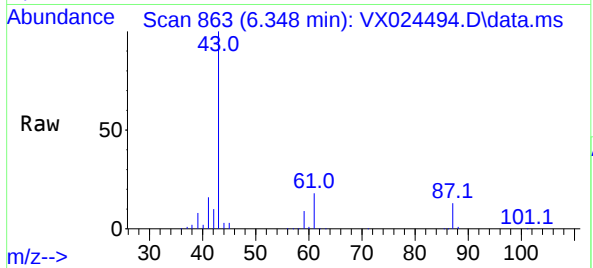
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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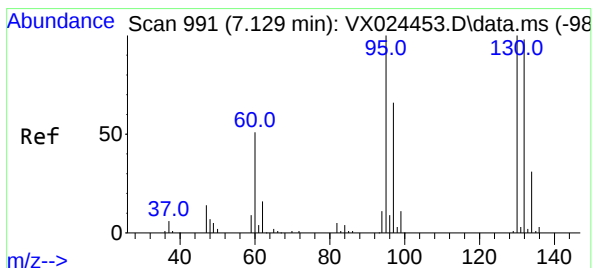
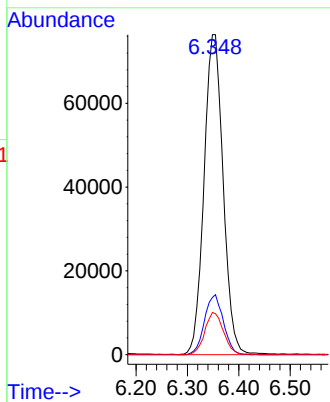
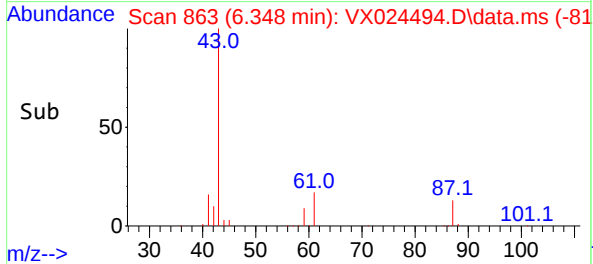


#43  
Isopropyl Acetate  
Concen: 49.176 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

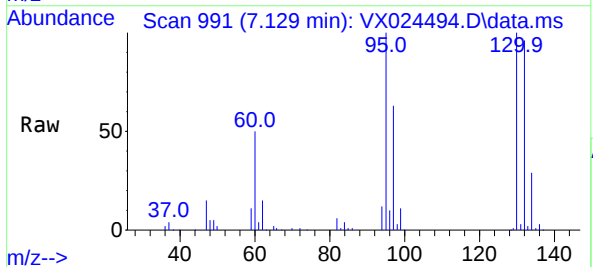


Tgt Ion: 43 Resp: 197489

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 18.5  | 18.2  | 27.4  |
| 87  | 12.9  | 12.5  | 18.7  |

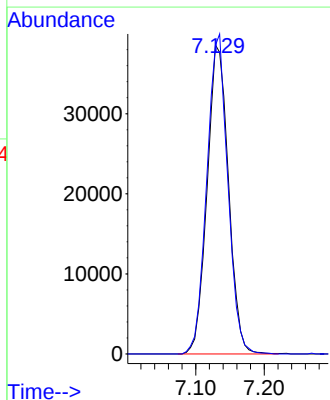
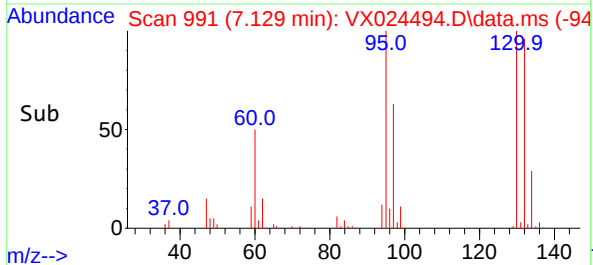


#44  
Trichloroethene  
Concen: 50.145 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion: 130 Resp: 83473

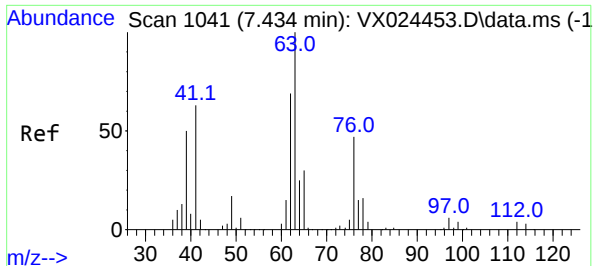
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 99.9  | 0.0   | 198.0 |



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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#45

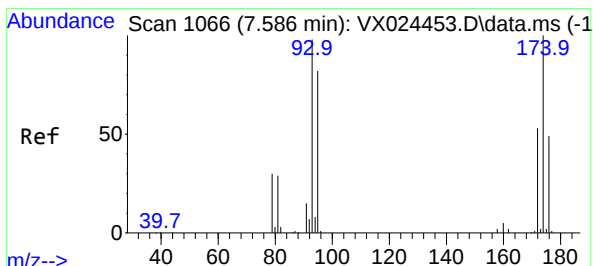
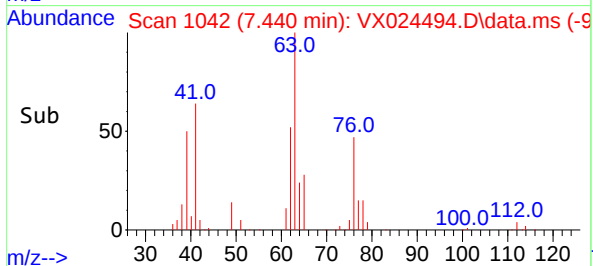
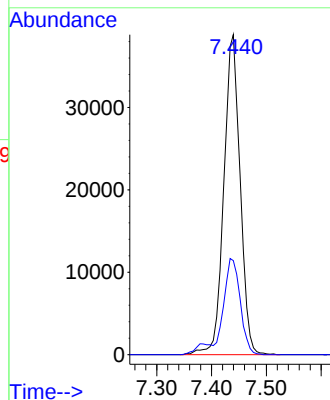
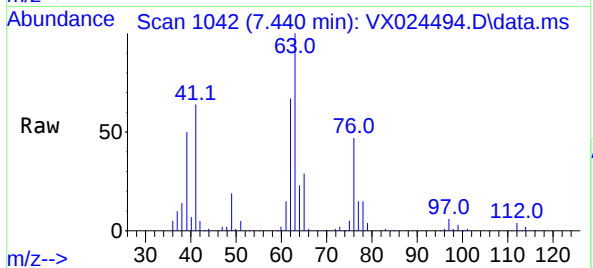
1,2-Dichloropropane  
Concen: 51.511 ug/l  
RT: 7.440 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 63 Resp: 80402  
Ion Ratio Lower Upper  
63 100  
65 29.4 25.7 38.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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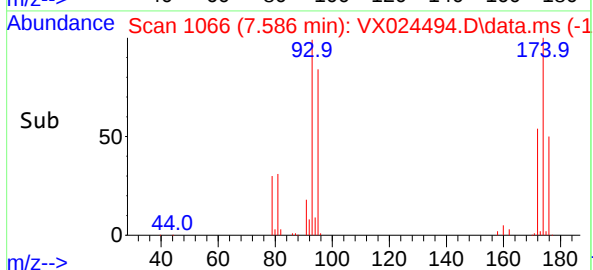
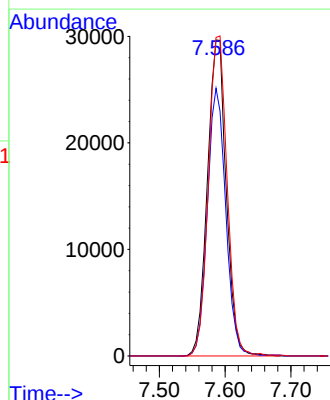
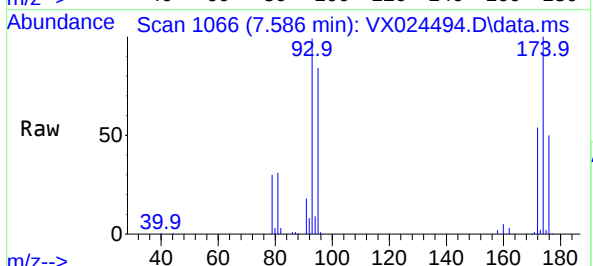
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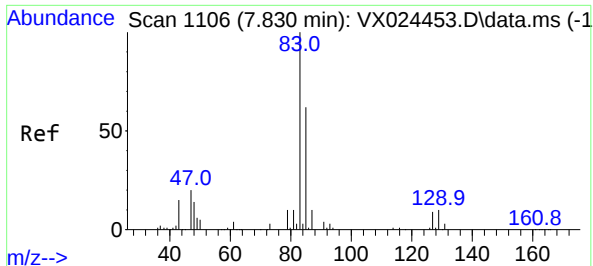


#46

Dibromomethane  
Concen: 50.580 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

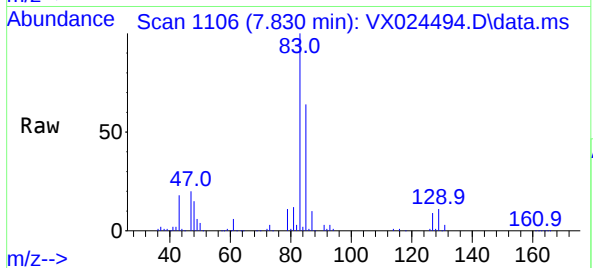
Tgt Ion: 93 Resp: 59202  
Ion Ratio Lower Upper  
93 100  
95 82.9 66.8 100.2  
174 100.7 83.1 124.7





#47  
Bromodichloromethane  
Concen: 53.114 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

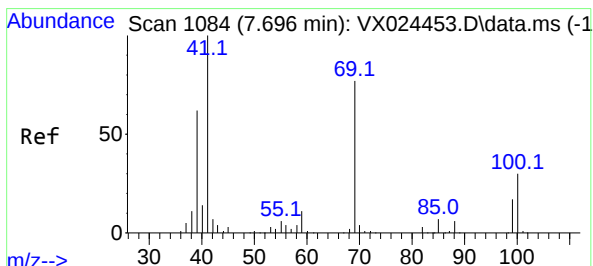
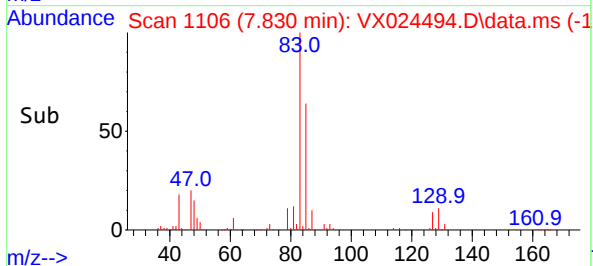
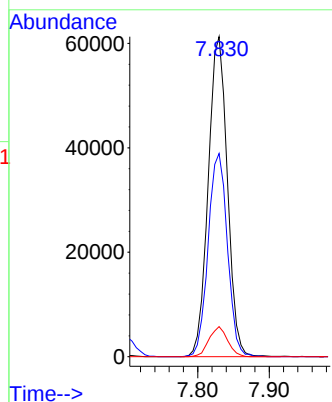
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



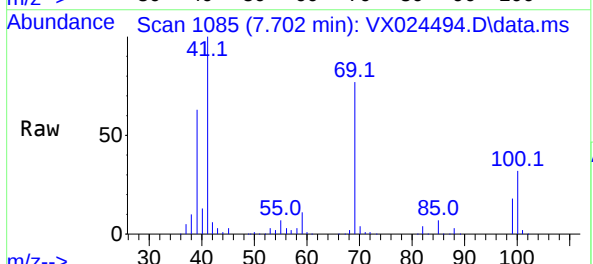
Tgt Ion: 83 Resp: 113934  
Ion Ratio Lower Upper  
83 100  
85 63.5 51.4 77.0  
127 9.4 6.8 10.2

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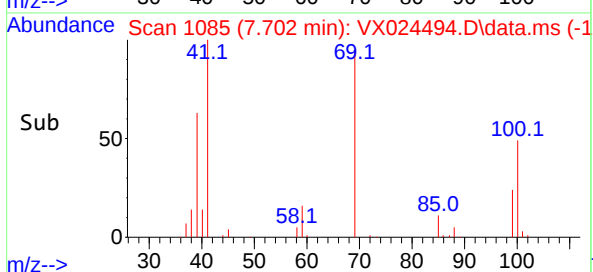
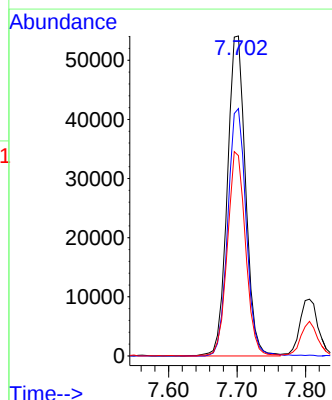
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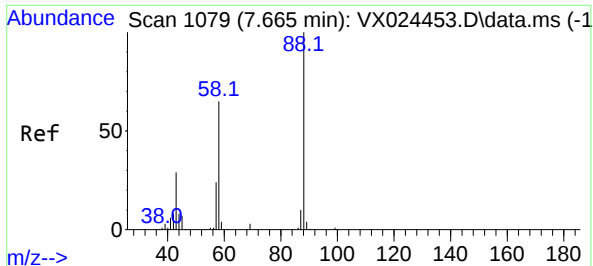


#48  
Methyl methacrylate  
Concen: 50.325 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion: 41 Resp: 100075  
Ion Ratio Lower Upper  
41 100  
69 77.7 76.0 114.0  
39 63.5 44.6 67.0





#49  
1,4-Dioxane  
Concen: 933.923 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

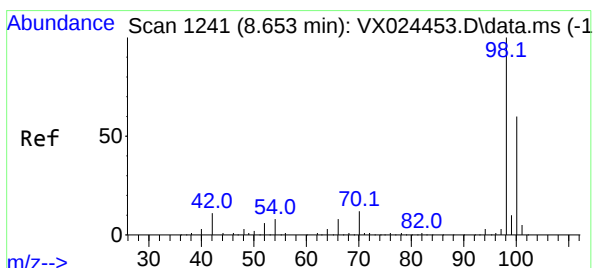
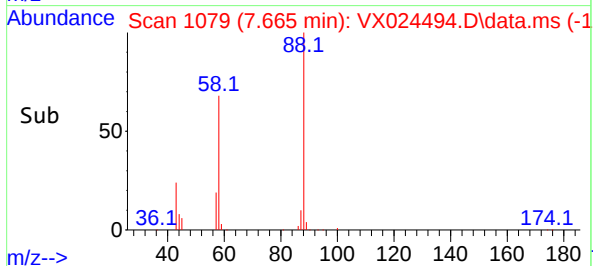
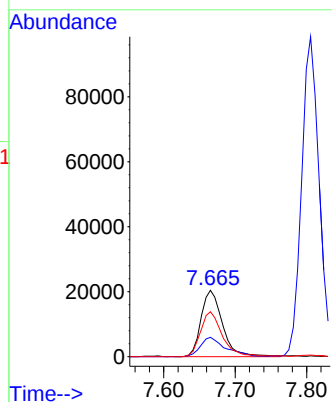
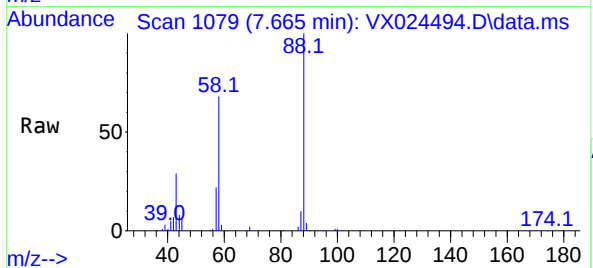
Tgt Ion: 88 Resp: 42538

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 34.4  | 23.2  | 34.8  |
| 58  | 69.5  | 55.0  | 82.4  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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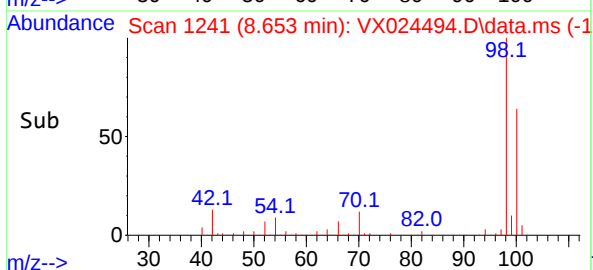
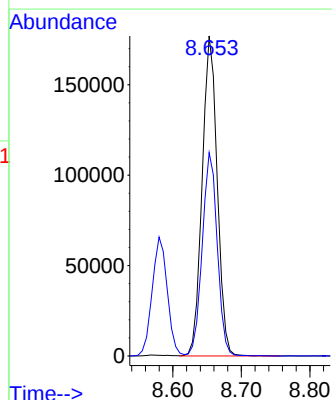
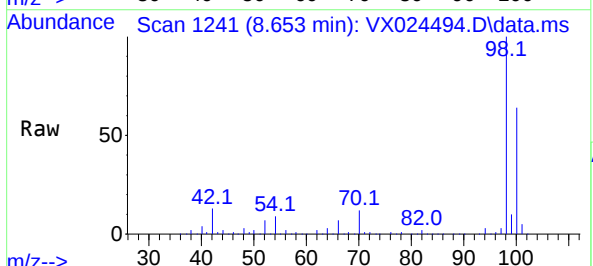
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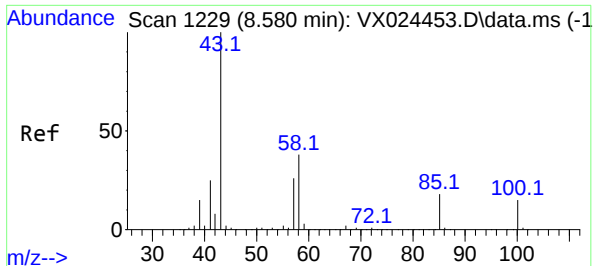


#50  
Toluene-d8  
Concen: 50.230 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 98 Resp: 271060

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 63.0  | 51.9  | 77.9  |





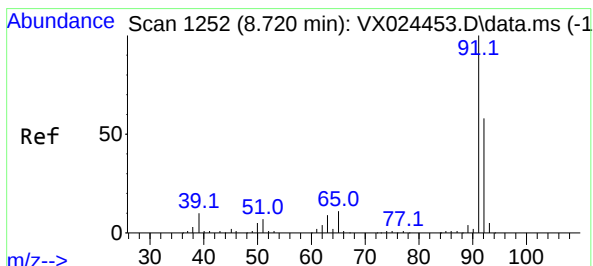
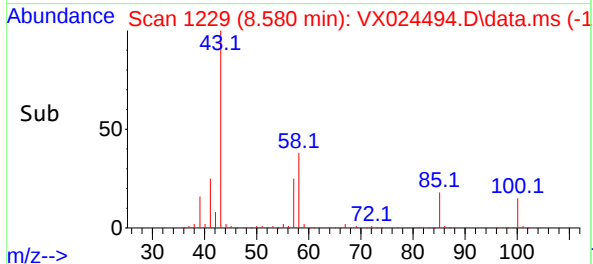
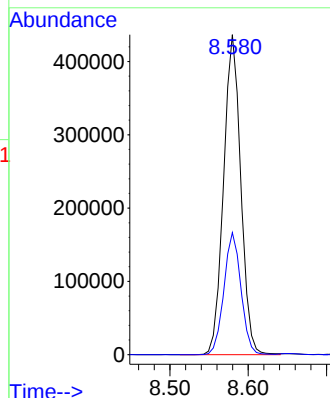
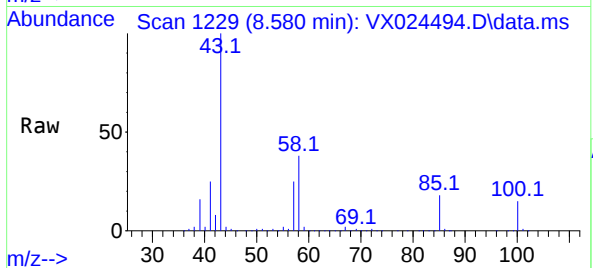
#51  
4-Methyl-2-Pentanone  
Concen: 251.912 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 43 Resp: 667885  
Ion Ratio Lower Upper  
43 100  
58 37.8 35.4 53.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

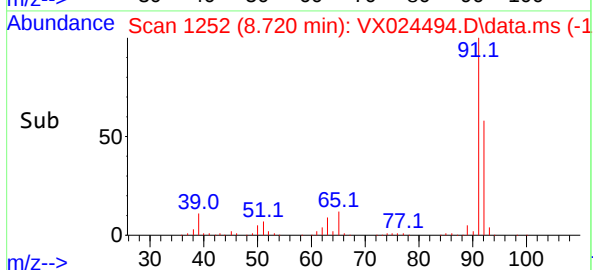
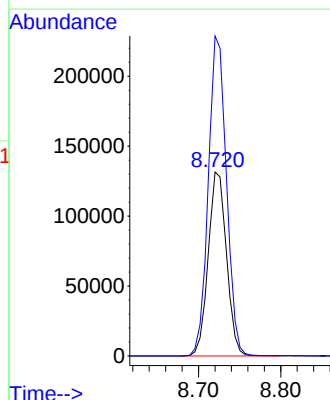
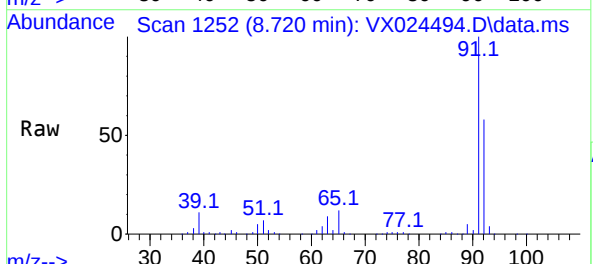
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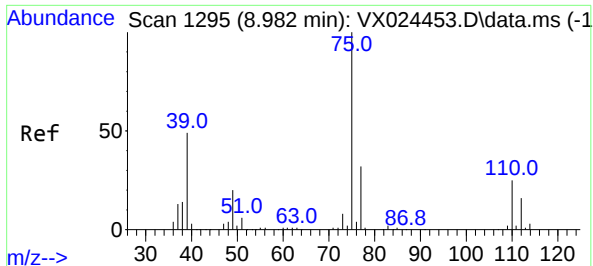
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#52  
Toluene  
Concen: 52.008 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 92 Resp: 203257  
Ion Ratio Lower Upper  
92 100  
91 172.7 137.1 205.7





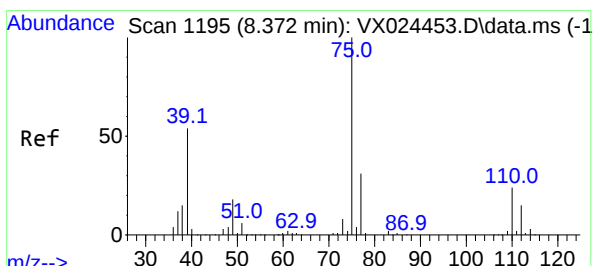
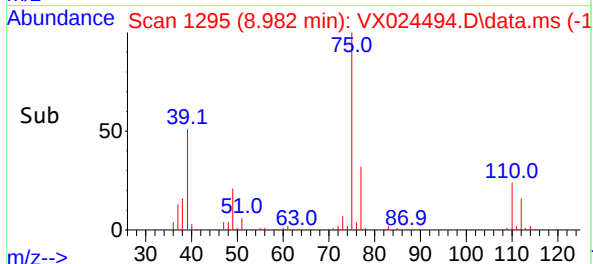
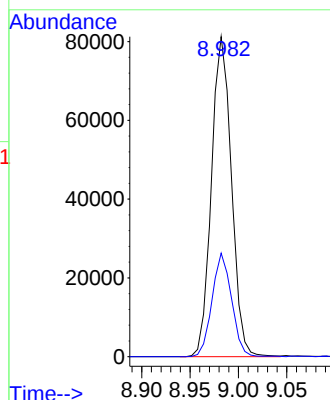
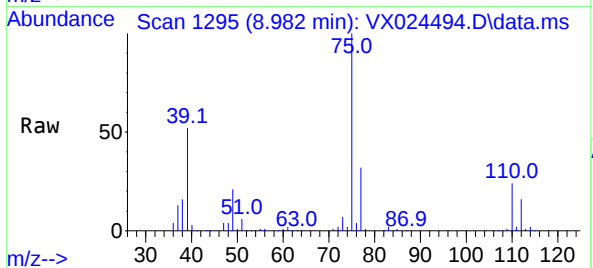
#53  
t-1,3-Dichloropropene  
Concen: 48.134 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 75 Resp: 117030  
Ion Ratio Lower Upper  
75 100  
77 32.3 24.9 37.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

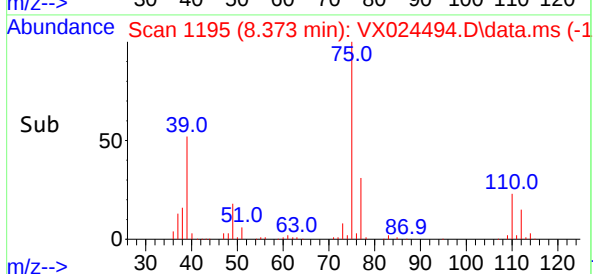
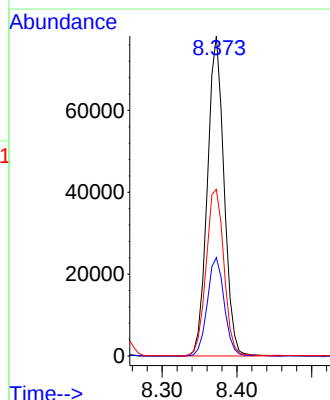
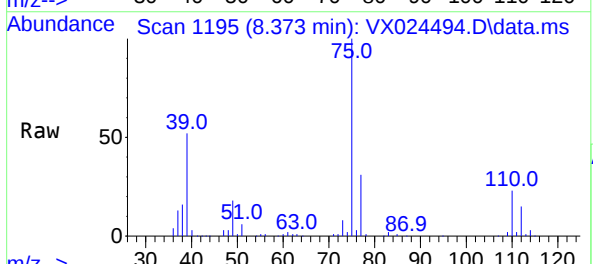
Manual Integrations  
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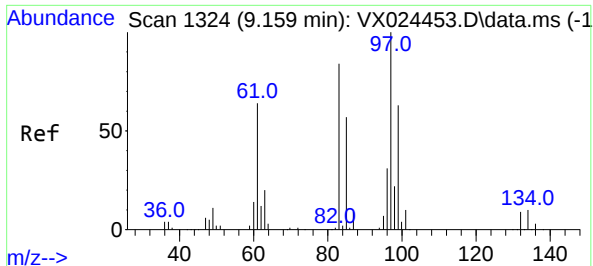
MMDadoda  
9/24/2021 6:58:06 PM



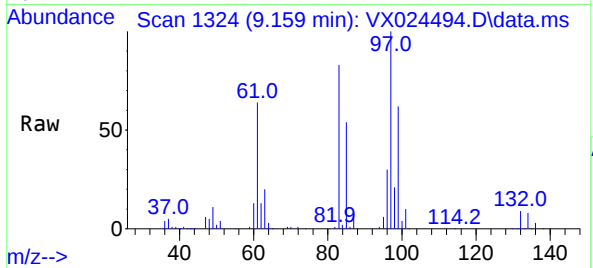
#54  
cis-1,3-Dichloropropene  
Concen: 48.892 ug/l  
RT: 8.373 min Scan# 1195  
Delta R.T. 0.001 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 75 Resp: 120871  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.7 38.5  
39 52.1 35.1 52.7



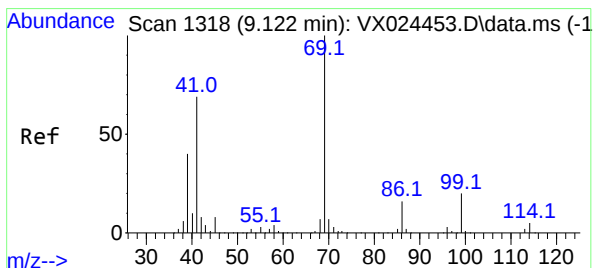
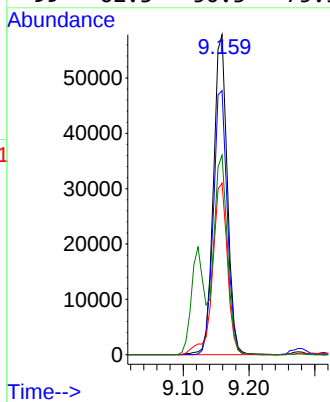
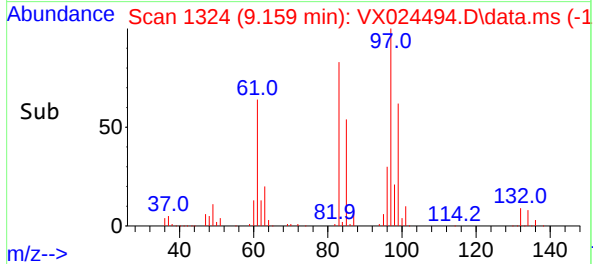


#55  
1,1,2-Trichloroethane  
Concen: 52.460 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

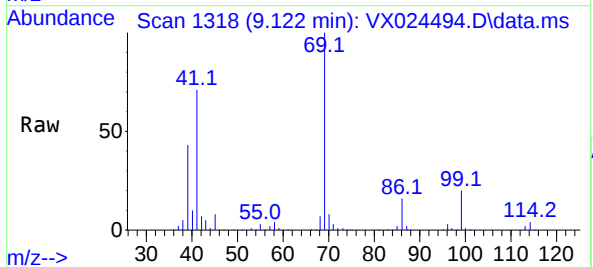


Tgt Ion: 97 Resp: 84775

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.5  | 69.3  | 103.9 |
| 85  | 53.6  | 44.3  | 66.5  |
| 99  | 62.3  | 50.3  | 75.5  |

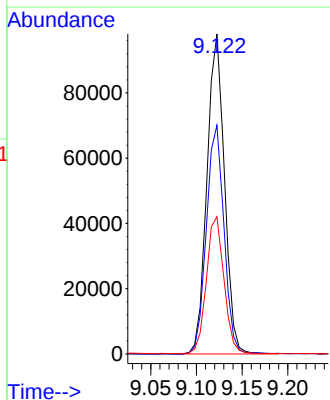
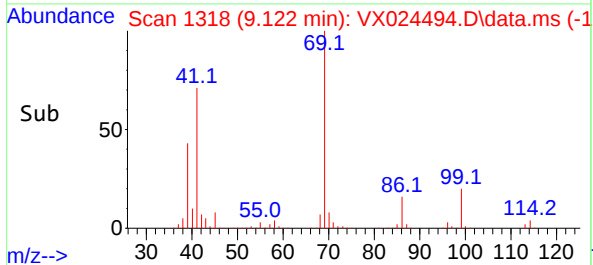


#56  
Ethyl methacrylate  
Concen: 50.686 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion: 69 Resp: 130368

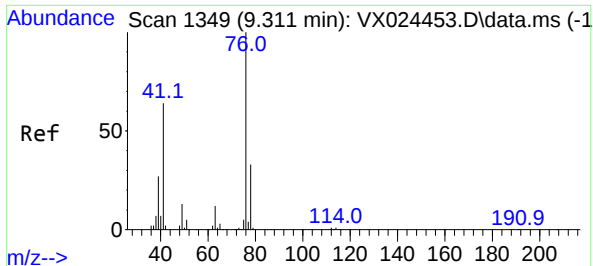
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.2  | 46.8  | 70.2# |
| 39  | 43.0  | 24.7  | 37.1# |



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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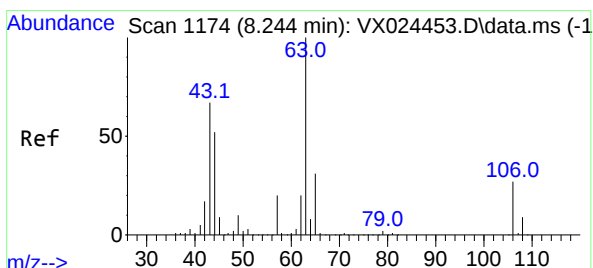
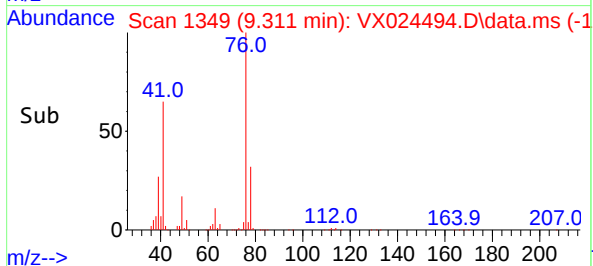
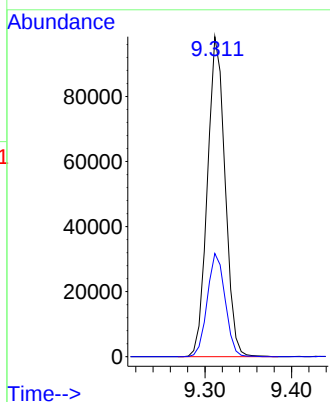
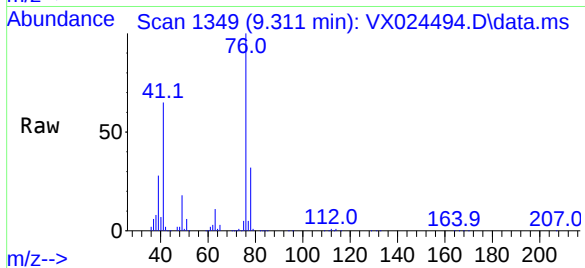
#57  
1,3-Dichloropropane  
Concen: 51.107 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 76 Resp: 139349  
Ion Ratio Lower Upper  
76 100  
78 32.6 26.2 39.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

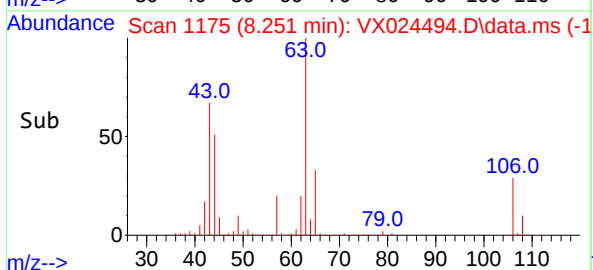
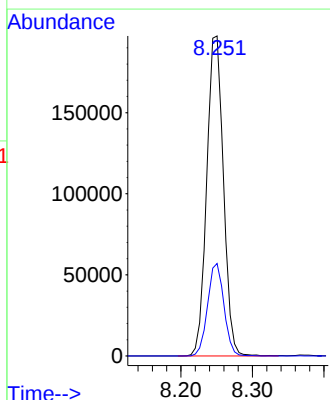
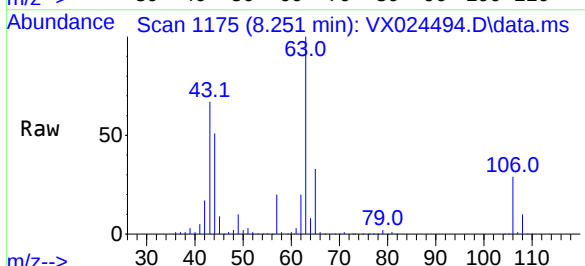
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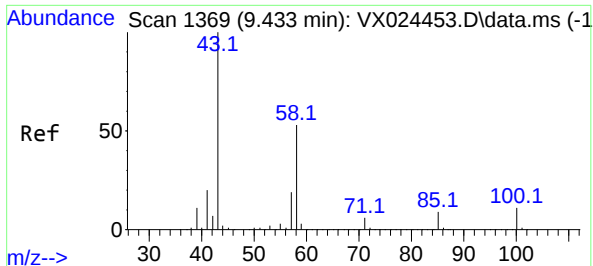
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#58  
2-Chloroethyl Vinyl ether  
Concen: 251.670 ug/l  
RT: 8.251 min Scan# 1175  
Delta R.T. 0.007 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 63 Resp: 319520  
Ion Ratio Lower Upper  
63 100  
106 28.3 23.5 35.3





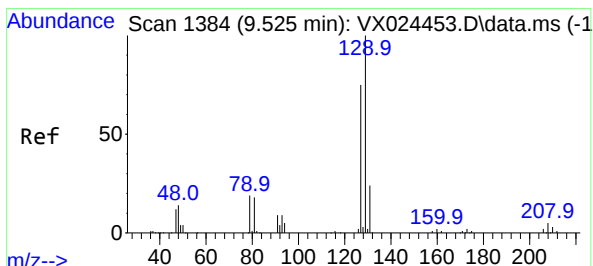
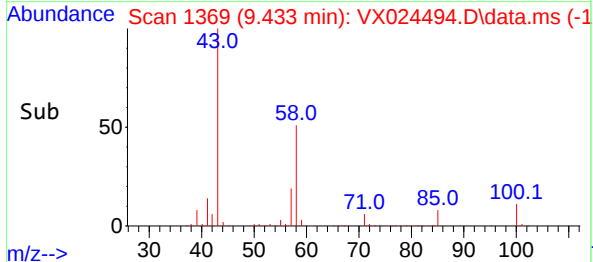
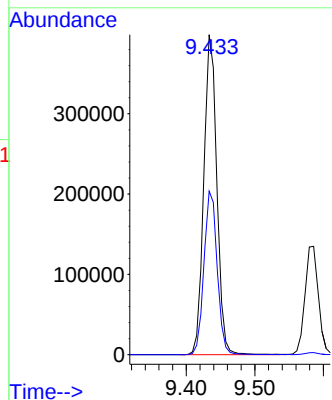
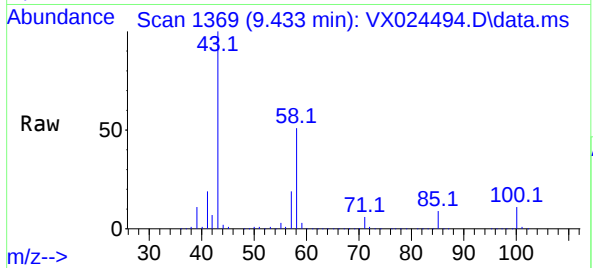
#59  
2-Hexanone  
Concen: 253.197 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 43 Resp: 528656  
Ion Ratio Lower Upper  
43 100  
58 51.9 30.9 92.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

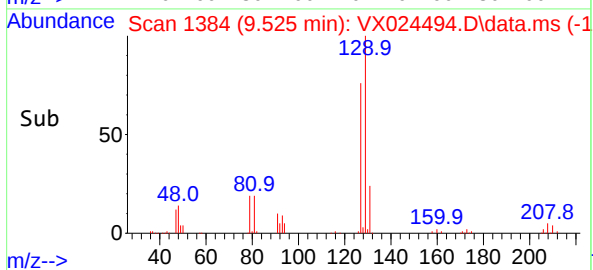
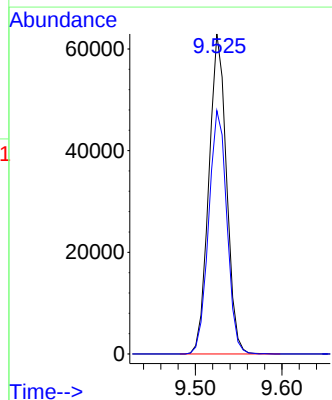
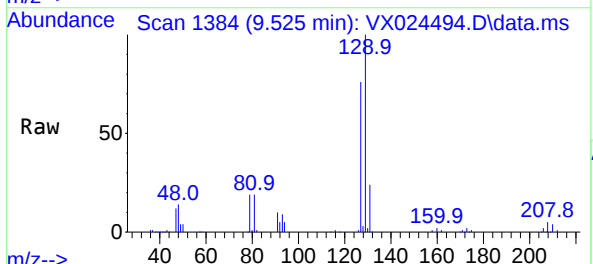
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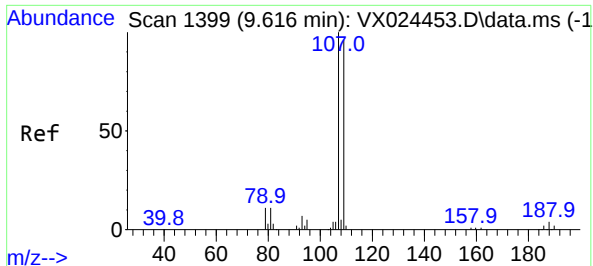
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#60  
Dibromochloromethane  
Concen: 48.647 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

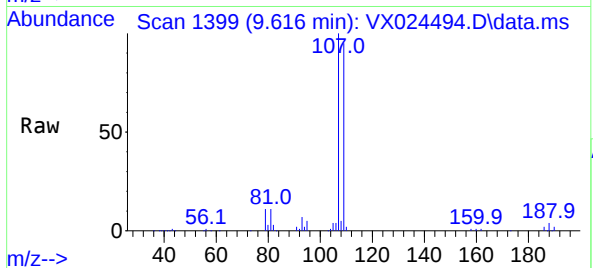
Tgt Ion: 129 Resp: 89140  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.4 115.2





#61  
1,2-Dibromoethane  
Concen: 51.232 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

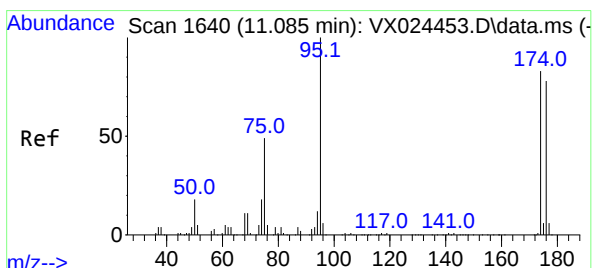
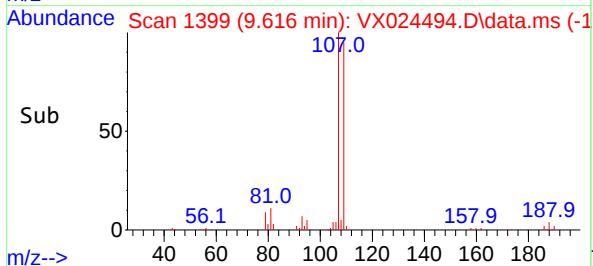
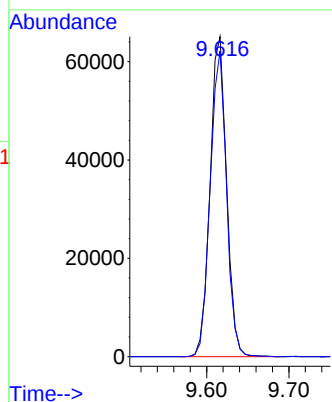
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



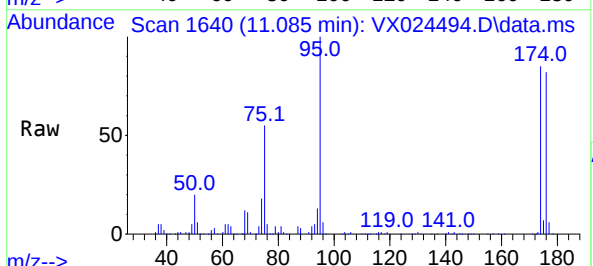
Tgt Ion:107 Resp: 90890  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.8 113.6

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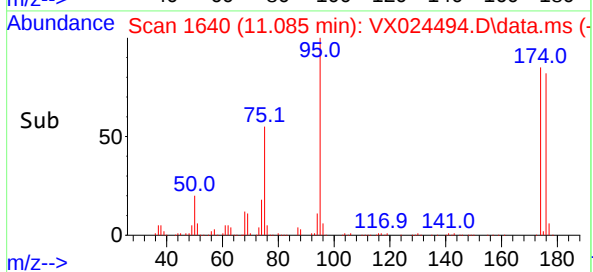
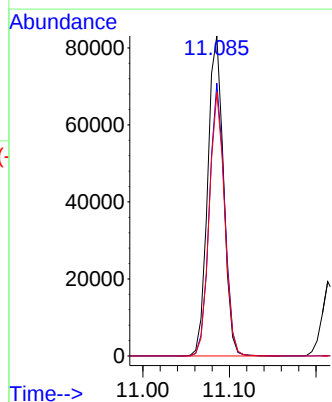
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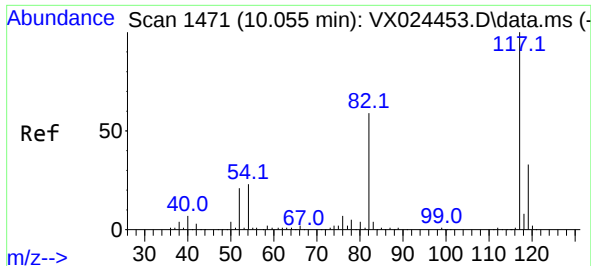


#62  
4-Bromofluorobenzene  
Concen: 49.474 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



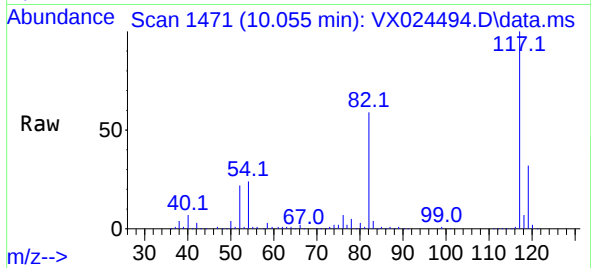
Tgt Ion: 95 Resp: 104972  
Ion Ratio Lower Upper  
95 100  
174 82.1 0.0 154.6  
176 79.7 0.0 155.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

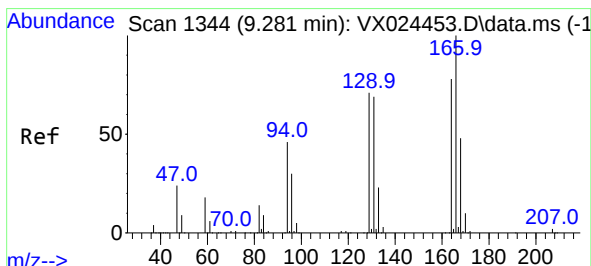
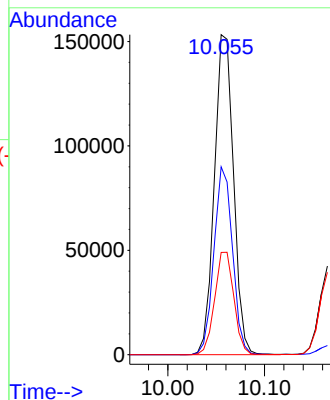
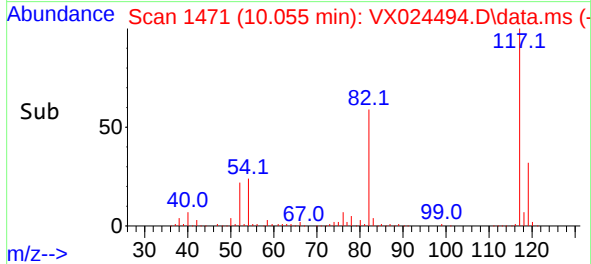
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



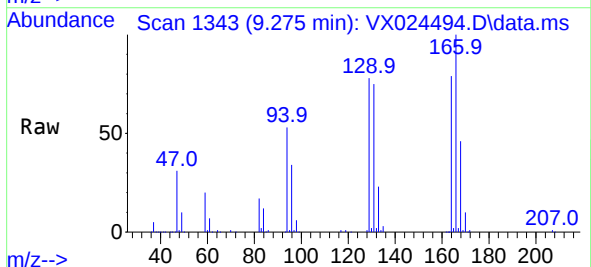
Tgt Ion:117 Resp: 211124  
Ion Ratio Lower Upper  
117 100  
82 58.7 47.4 71.2  
119 31.9 26.6 39.8

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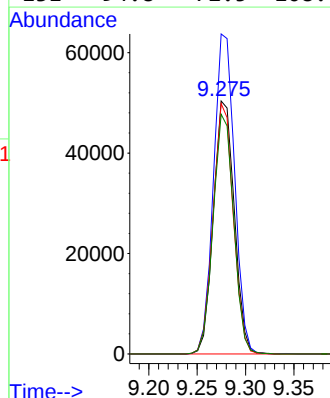
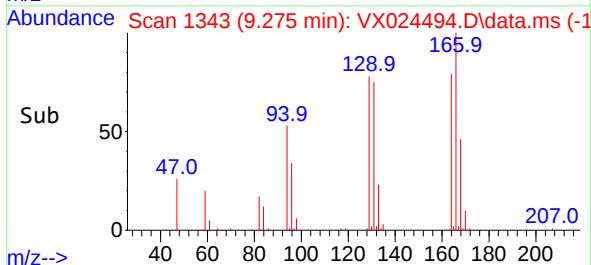
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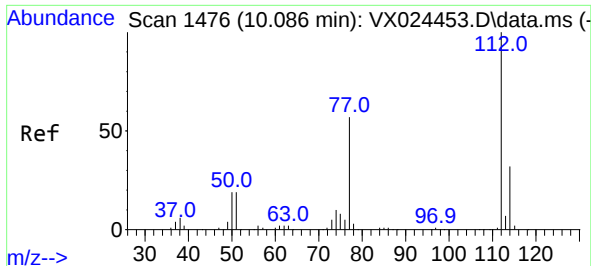


#64  
Tetrachloroethene  
Concen: 51.652 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion:164 Resp: 75473  
Ion Ratio Lower Upper  
164 100  
166 126.5 103.4 155.2  
129 99.0 70.8 106.2  
131 94.8 72.5 108.7





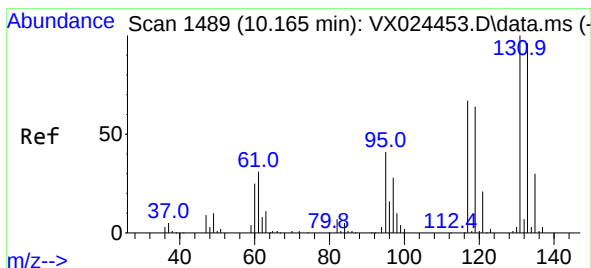
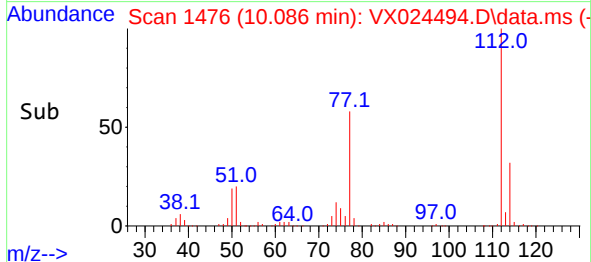
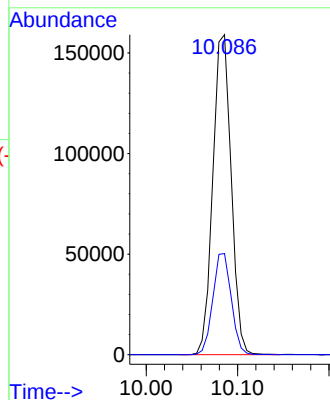
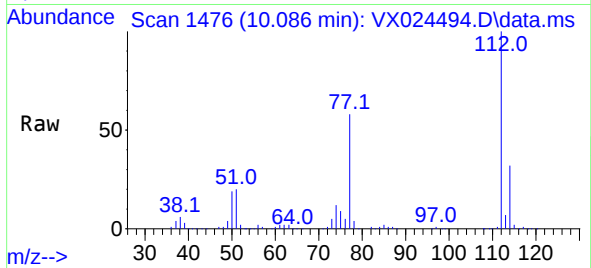
#65  
Chlorobenzene  
Concen: 50.433 ug/l  
RT: 10.086 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion:112 Resp: 221812  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.8 38.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

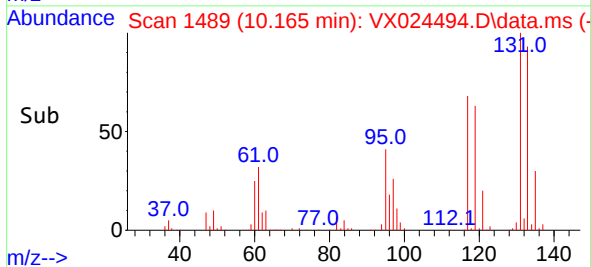
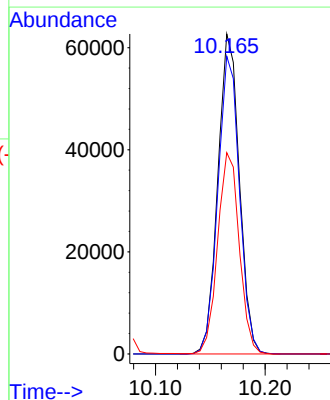
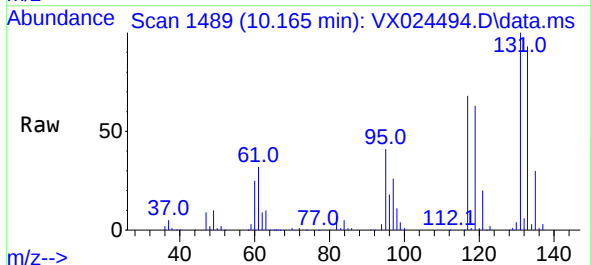
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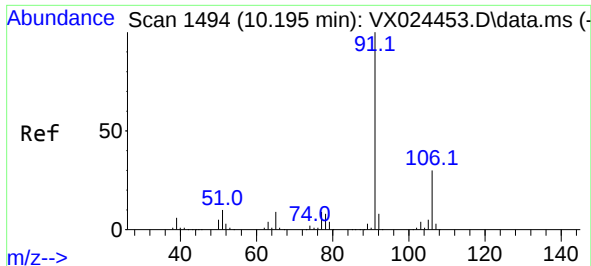
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.015 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion:131 Resp: 85262  
Ion Ratio Lower Upper  
131 100  
133 93.7 47.7 143.1  
119 63.4 32.1 96.5





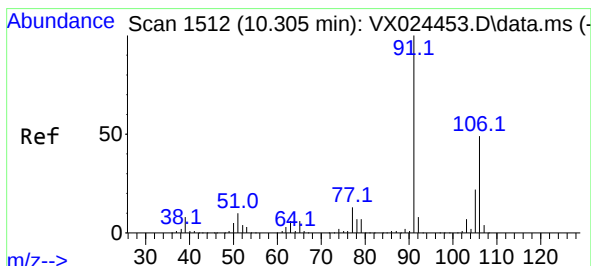
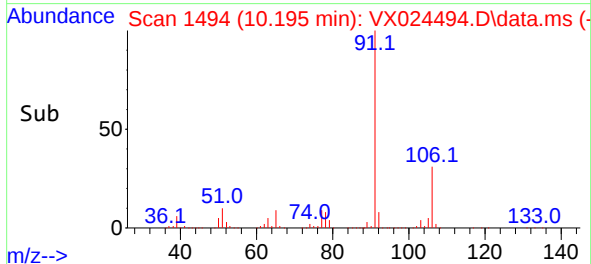
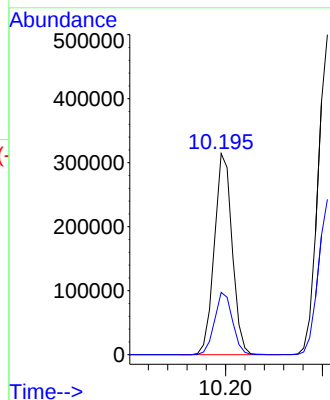
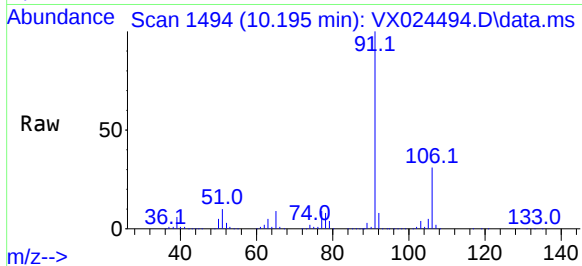
#67  
Ethyl Benzene  
Concen: 51.609 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 91 Resp: 401805  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.6 37.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

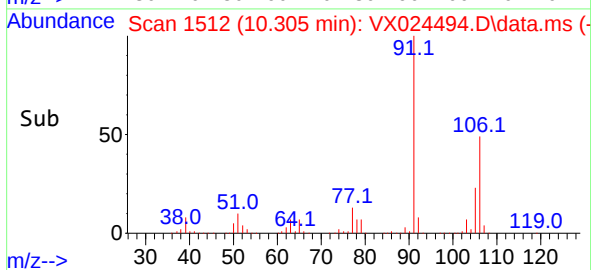
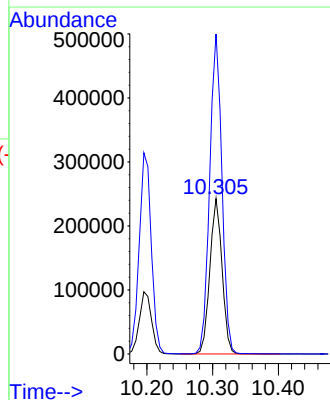
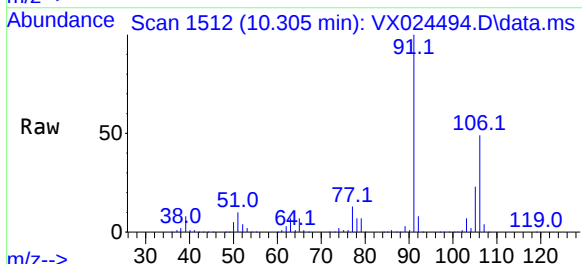
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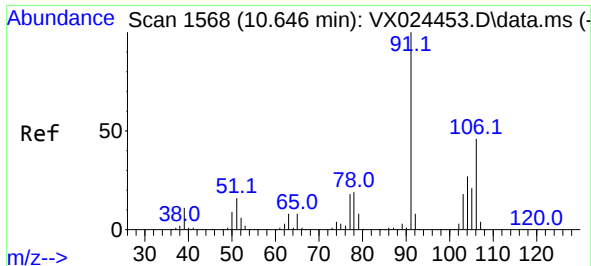
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#68  
m/p-Xylenes  
Concen: 104.821 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

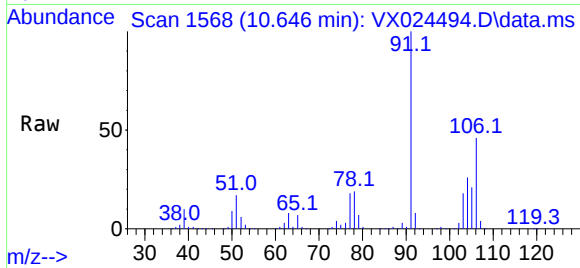
Tgt Ion: 106 Resp: 312944  
Ion Ratio Lower Upper  
106 100  
91 206.6 162.8 244.2





#69  
o-Xylene  
Concen: 52.081 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

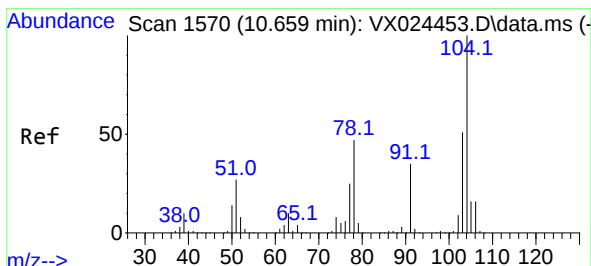
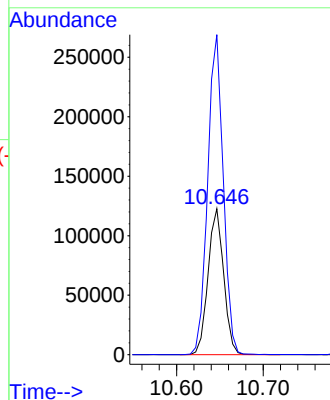
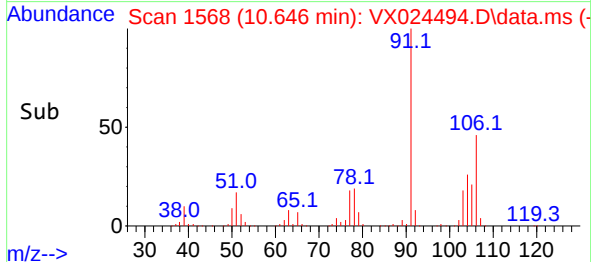
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



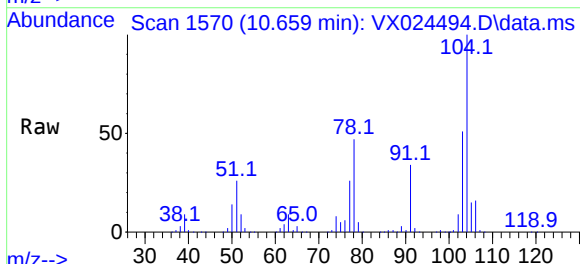
Tgt Ion:106 Resp: 153756  
Ion Ratio Lower Upper  
106 100  
91 218.7 108.1 324.2

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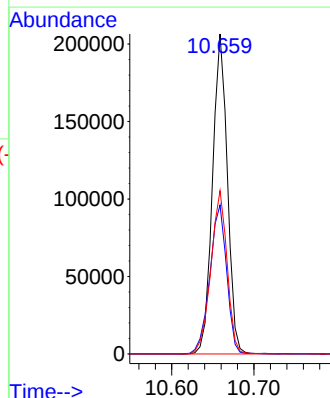
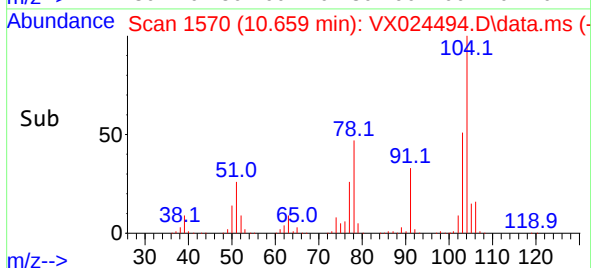
MMDadoda  
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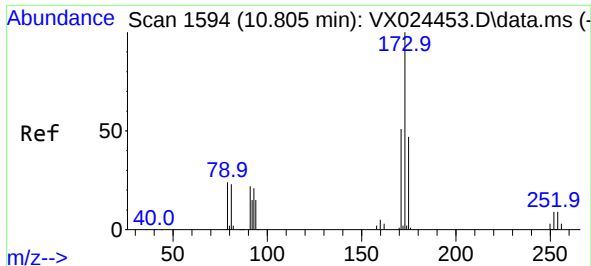


#70  
Styrene  
Concen: 52.493 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion:104 Resp: 259136  
Ion Ratio Lower Upper  
104 100  
78 52.7 40.0 60.0  
103 55.9 43.4 65.0





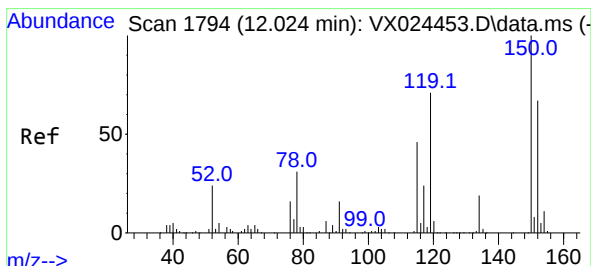
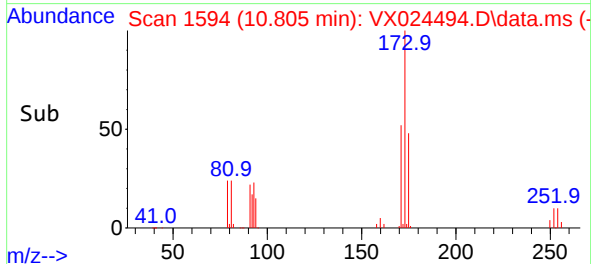
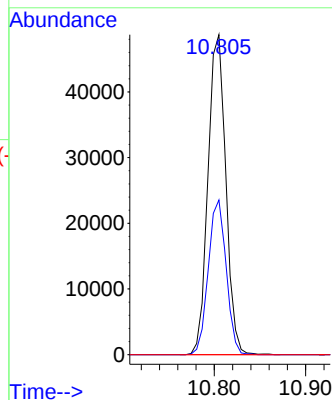
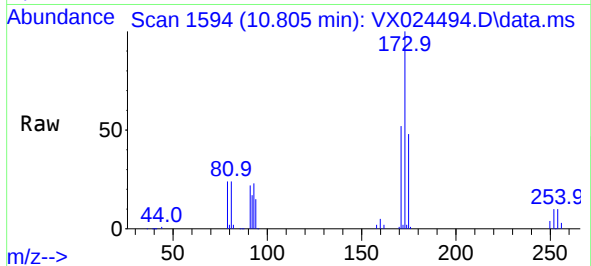
#71  
Bromoform  
Concen: 46.313 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion:173 Resp: 65900  
Ion Ratio Lower Upper  
173 100  
175 48.6 23.9 71.8  
254 0.0 0.1 0.1#

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

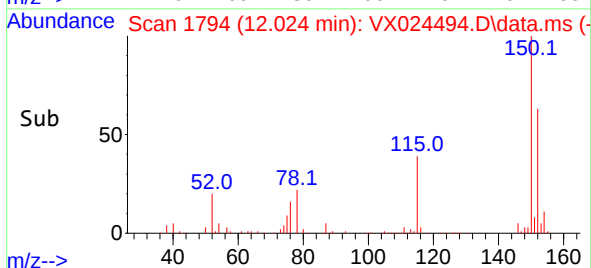
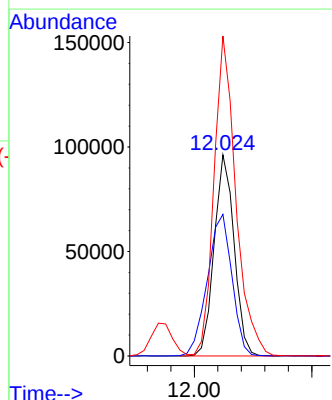
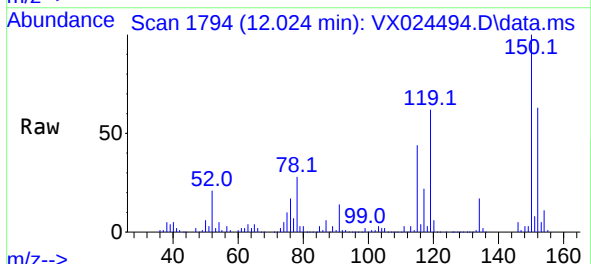
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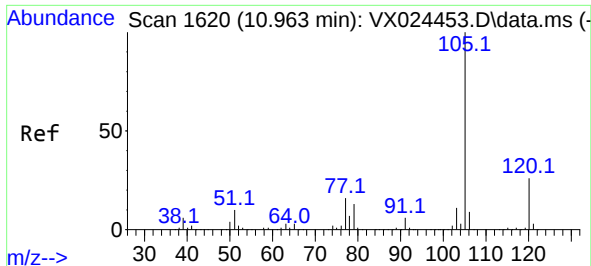
MMDadoda  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion:152 Resp: 113615  
Ion Ratio Lower Upper  
152 100  
115 86.6 41.1 123.3  
150 174.2 0.0 349.0





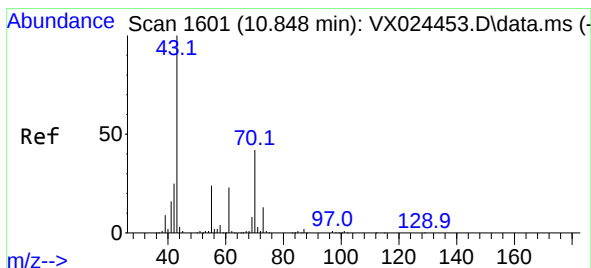
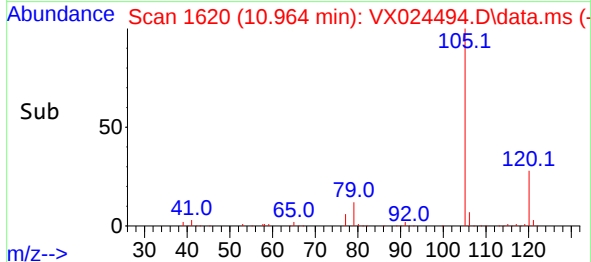
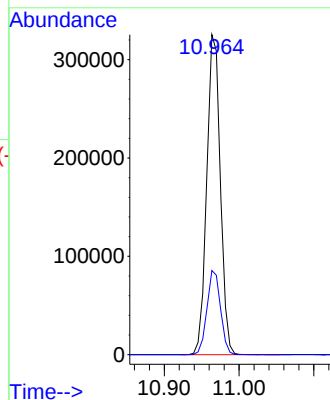
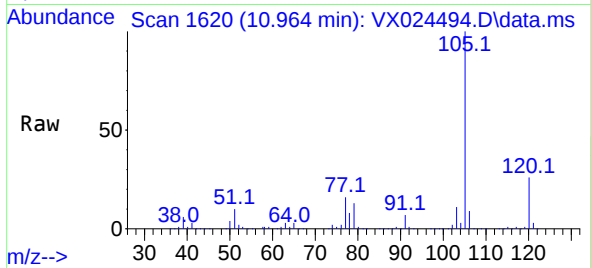
#73  
Isopropylbenzene  
Concen: 51.076 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.001 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:105 Resp: 410244  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.2 39.6

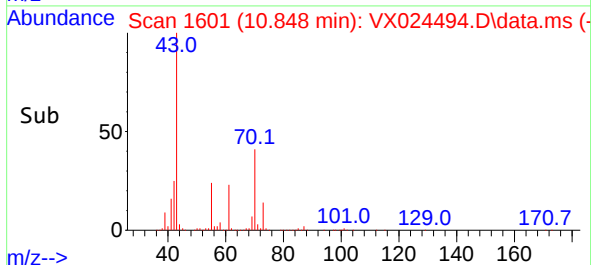
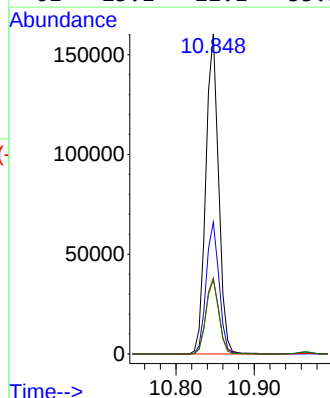
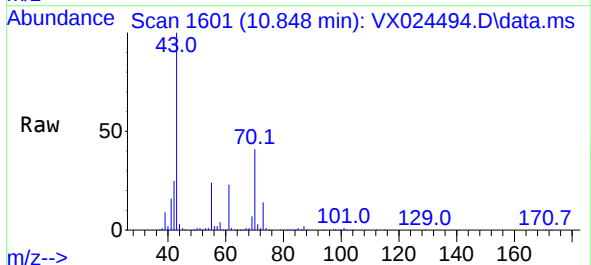
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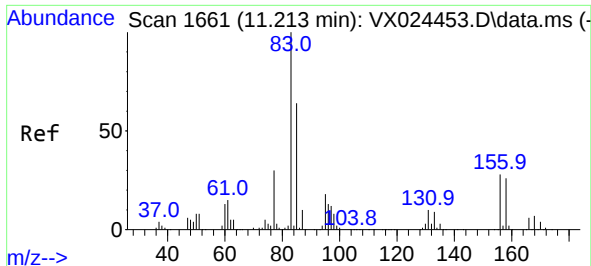
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#74  
N-ethyl acetate  
Concen: 49.364 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 43 Resp: 182376  
Ion Ratio Lower Upper  
43 100  
70 41.2 39.0 58.6  
55 24.1 21.5 32.3  
61 23.1 22.1 33.1





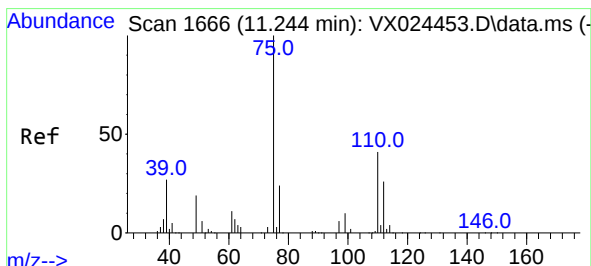
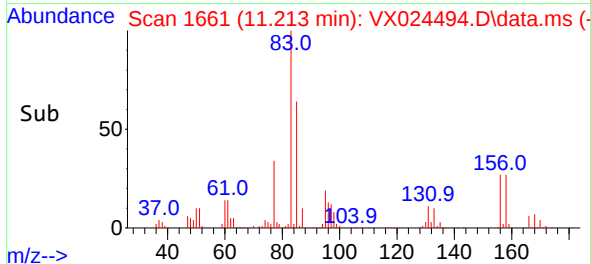
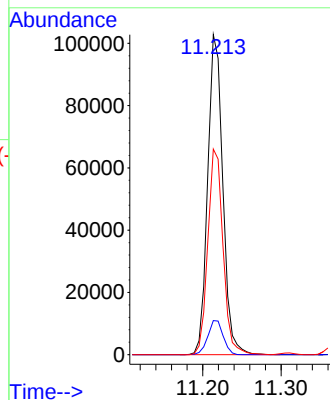
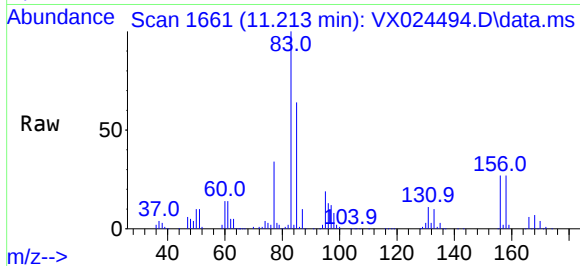
#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.322 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 83 Resp: 137259  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.1 15.2  
85 64.7 31.8 95.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

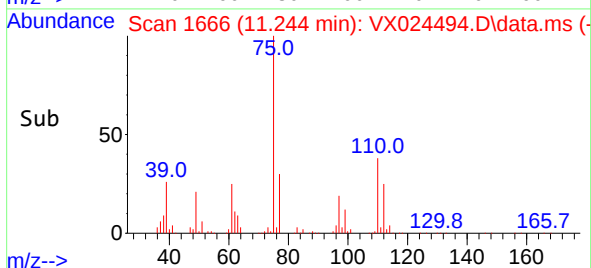
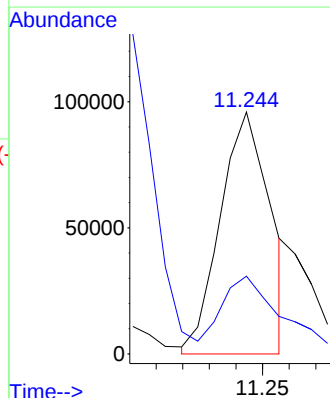
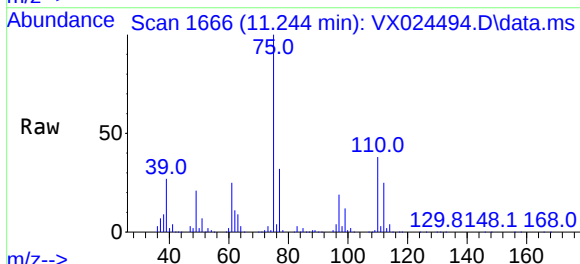
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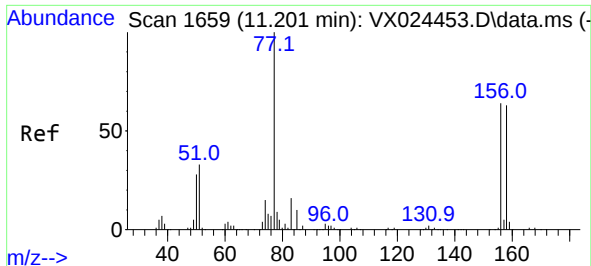
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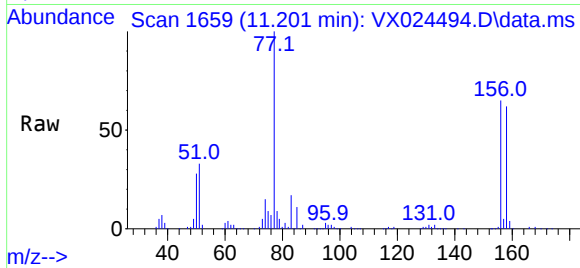
#76  
1,2,3-Trichloropropane  
Concen: 48.318 ug/l m  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 75 Resp: 124666  
Ion Ratio Lower Upper  
75 100  
77 39.7 19.1 57.5

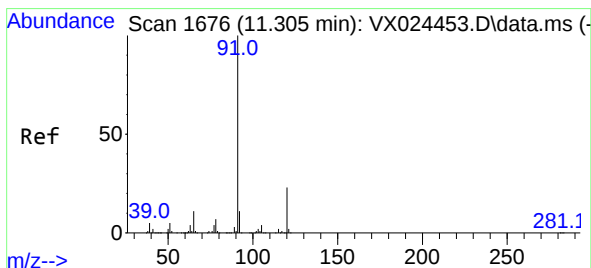
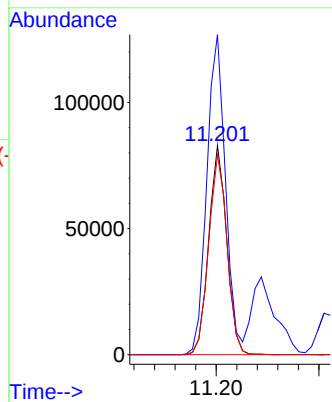
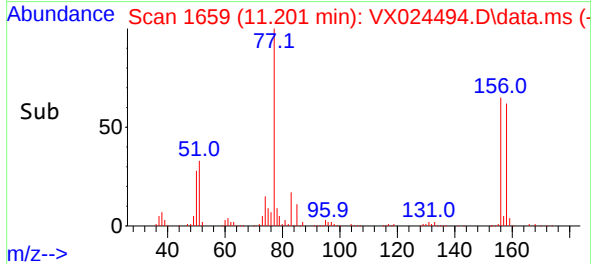




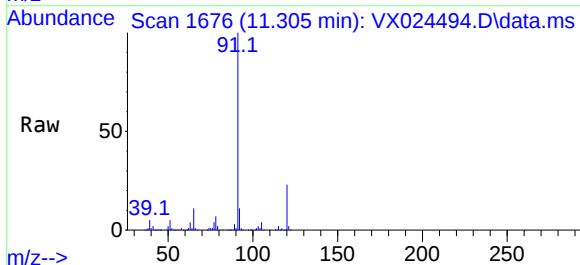
#77  
Bromobenzene  
Concen: 48.844 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



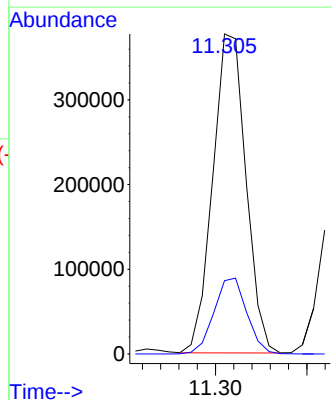
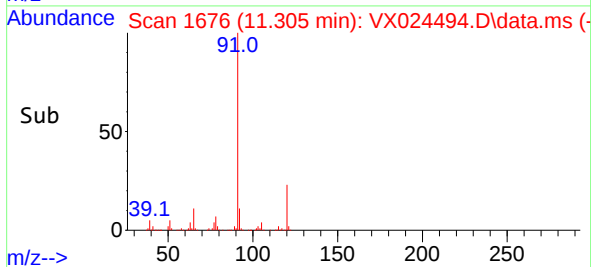
Tgt Ion:156 Resp: 100951  
Ion Ratio Lower Upper  
156 100  
77 158.6 82.8 248.6  
158 97.9 49.1 147.4



#78  
n-propylbenzene  
Concen: 50.625 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



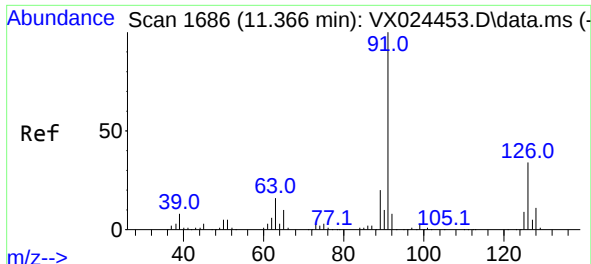
Tgt Ion: 91 Resp: 475337  
Ion Ratio Lower Upper  
91 100  
120 23.5 11.5 34.5



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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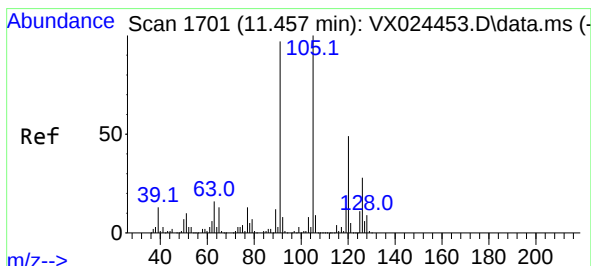
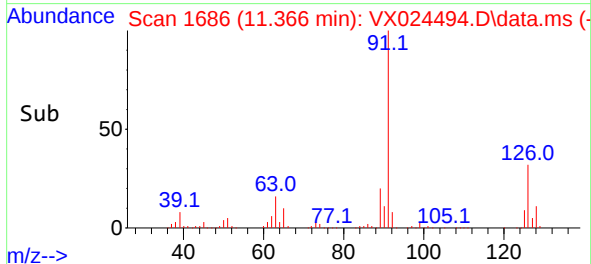
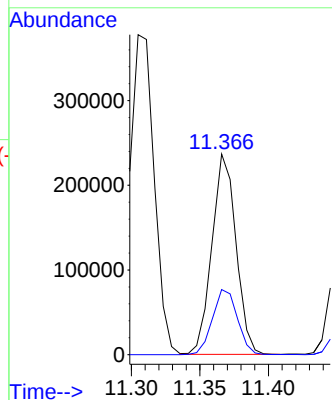
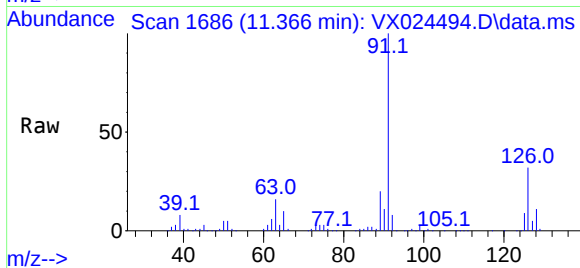
#79  
2-Chlorotoluene  
Concen: 50.502 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 288851  
Ion Ratio Lower Upper  
91 100  
126 33.9 16.6 49.8

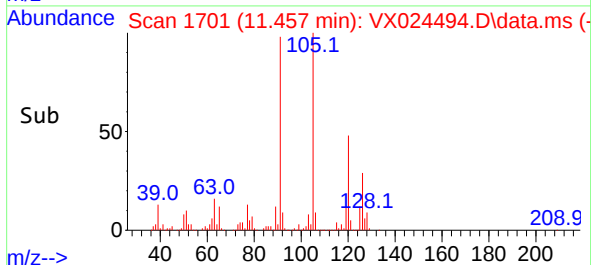
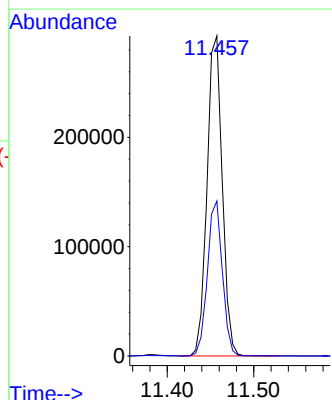
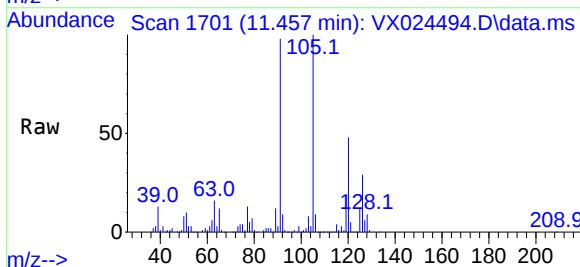
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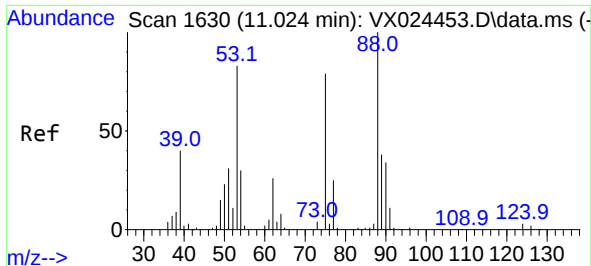
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#80  
1,3,5-Trimethylbenzene  
Concen: 52.077 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 105 Resp: 357332  
Ion Ratio Lower Upper  
105 100  
120 47.6 23.8 71.5





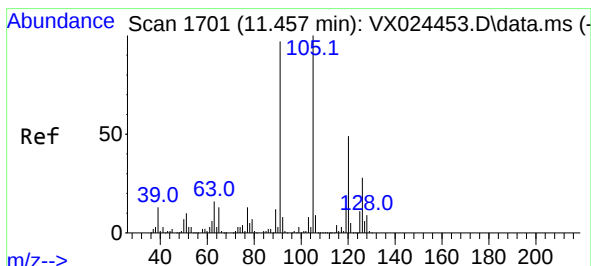
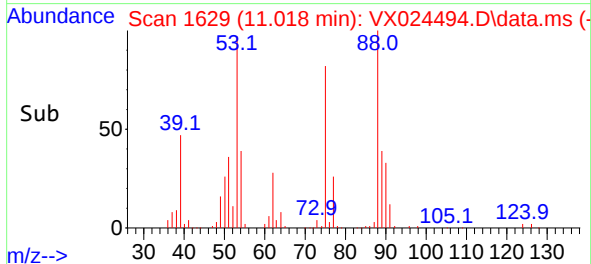
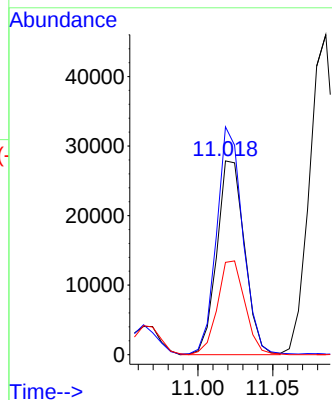
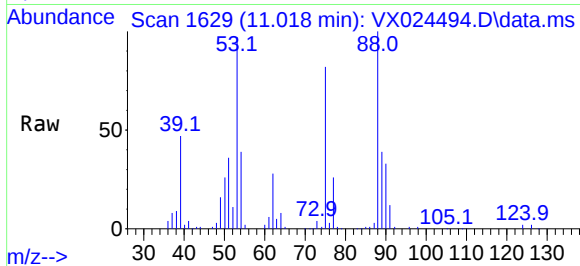
#81  
trans-1,4-Dichloro-2-butene  
Concen: 38.827 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.006 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 75 Resp: 35925  
Ion Ratio Lower Upper  
75 100  
53 110.6 74.5 111.7  
89 48.1 37.9 56.9

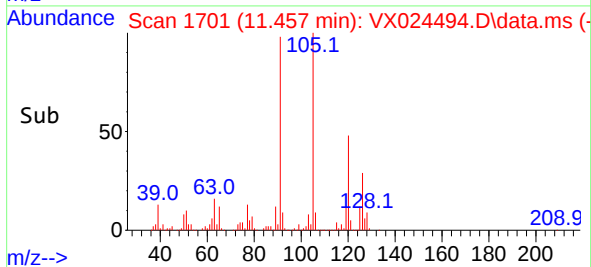
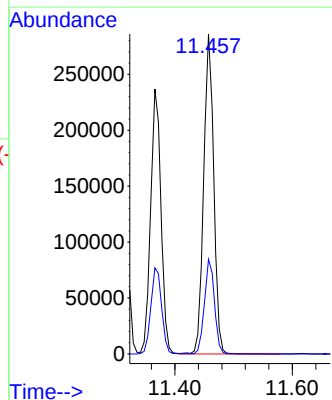
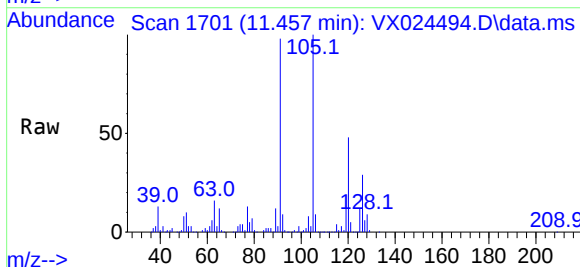
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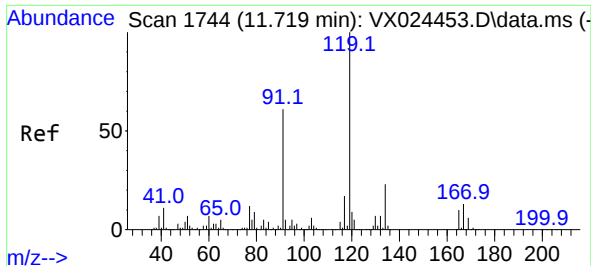
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#82  
4-Chlorotoluene  
Concen: 50.367 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

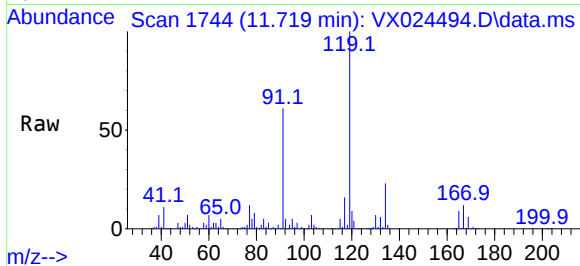
Tgt Ion: 91 Resp: 338953  
Ion Ratio Lower Upper  
91 100  
126 29.5 14.9 44.5





#83  
tert-Butylbenzene  
Concen: 51.366 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

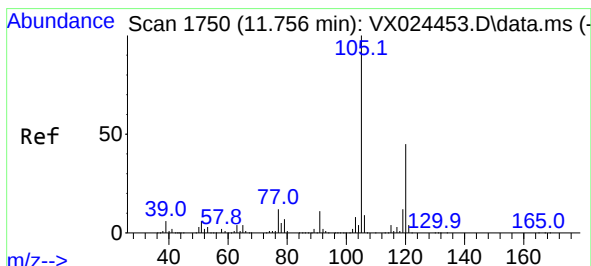
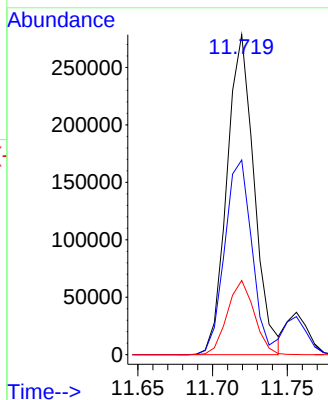
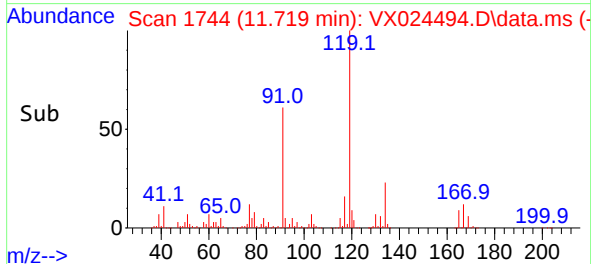
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



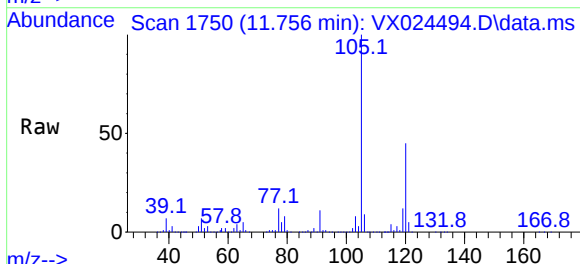
Tgt Ion:119 Resp: 353347  
Ion Ratio Lower Upper  
119 100  
91 60.4 27.9 83.7  
134 22.9 11.3 33.9

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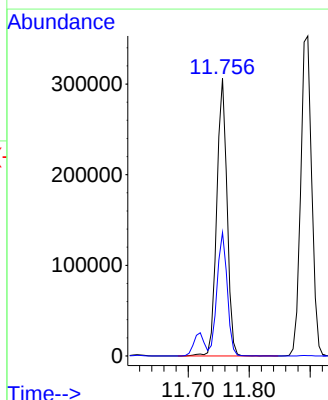
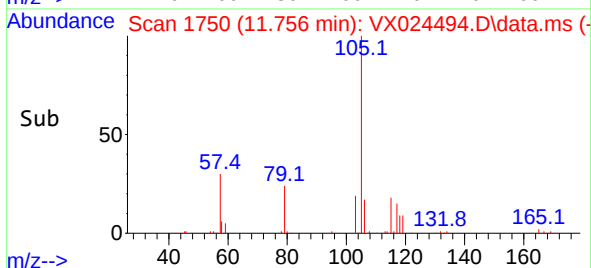
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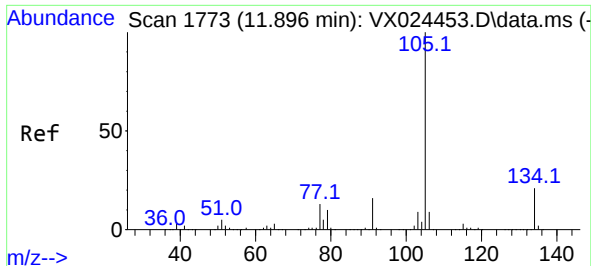


#84  
1,2,4-Trimethylbenzene  
Concen: 52.700 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion:105 Resp: 359547  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.4 67.3





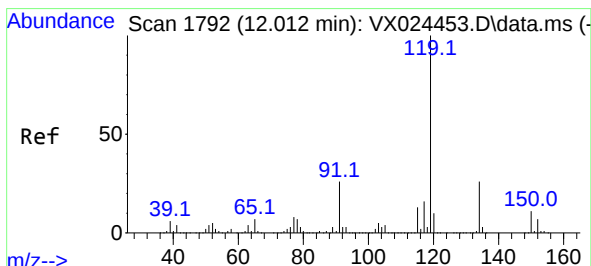
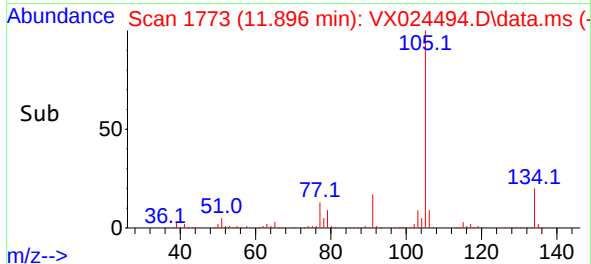
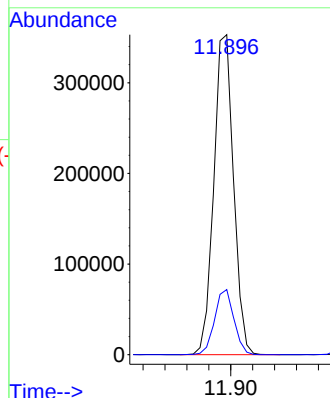
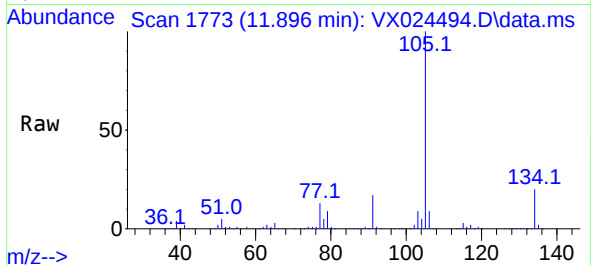
#85  
sec-Butylbenzene  
Concen: 52.181 ug/l  
RT: 11.896 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:105 Resp: 441608  
Ion Ratio Lower Upper  
105 100  
134 20.0 10.0 29.8

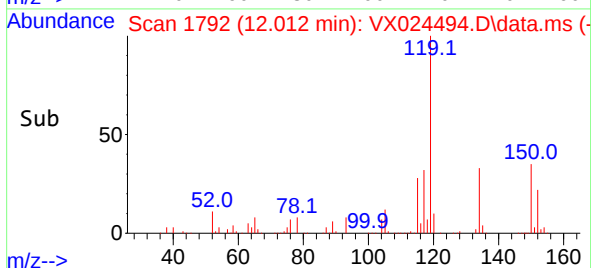
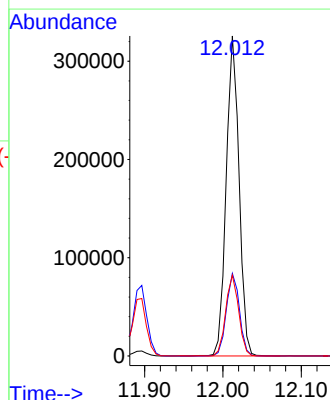
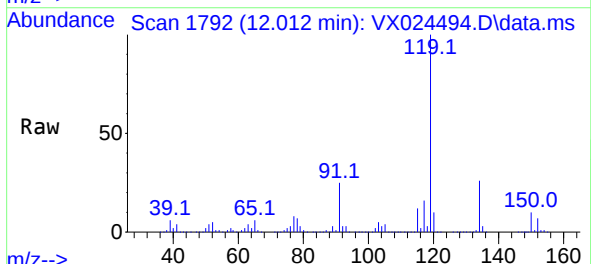
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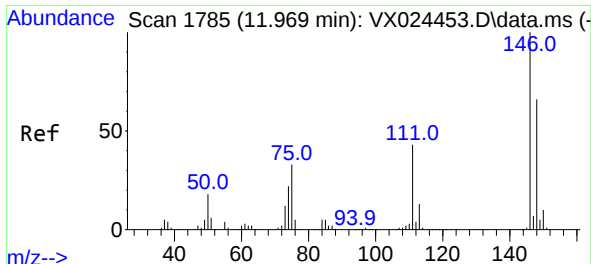
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#86  
p-Isopropyltoluene  
Concen: 51.535 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion:119 Resp: 371903  
Ion Ratio Lower Upper  
119 100  
134 26.2 12.9 38.7  
91 25.5 11.7 35.0





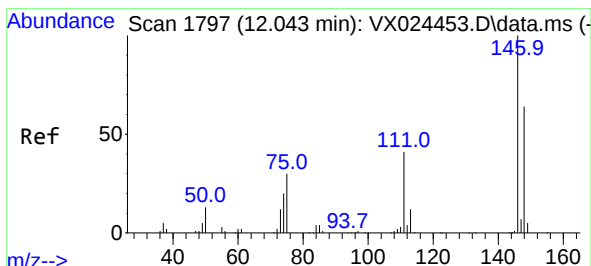
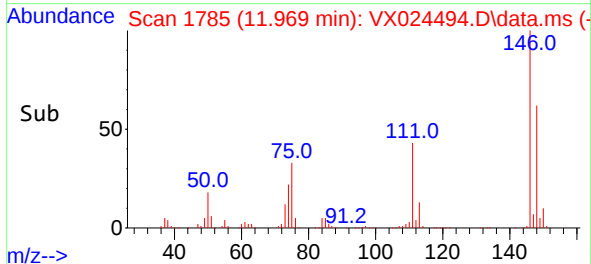
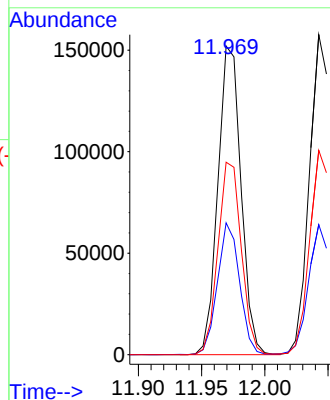
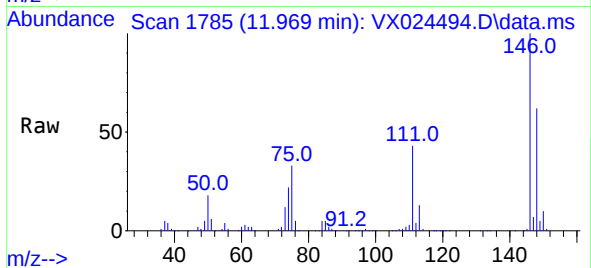
#87  
1,3-Dichlorobenzene  
Concen: 49.102 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion:146 Resp: 193268  
Ion Ratio Lower Upper  
146 100  
111 41.0 20.2 60.5  
148 63.0 31.9 95.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

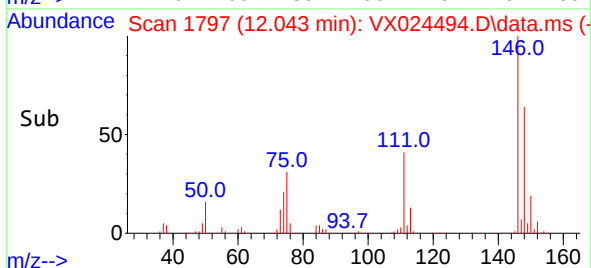
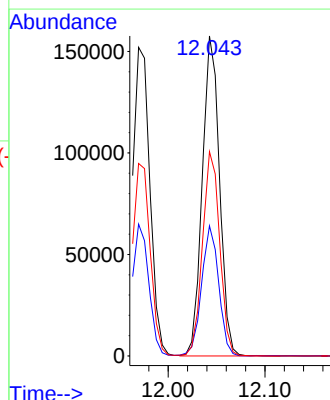
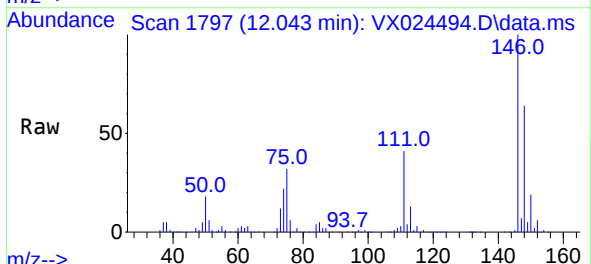
Manual Integrations  
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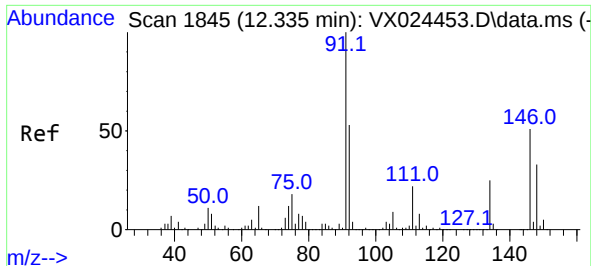
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#88  
1,4-Dichlorobenzene  
Concen: 48.155 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion:146 Resp: 195795  
Ion Ratio Lower Upper  
146 100  
111 40.4 19.6 58.8  
148 63.9 31.6 95.0





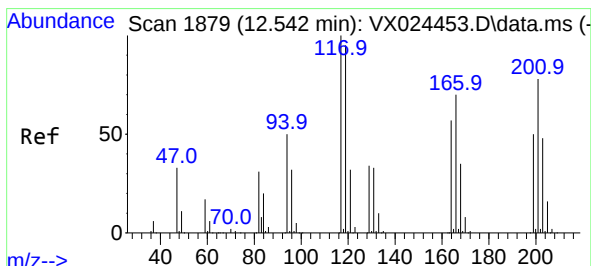
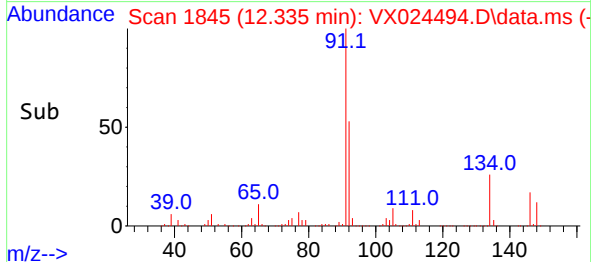
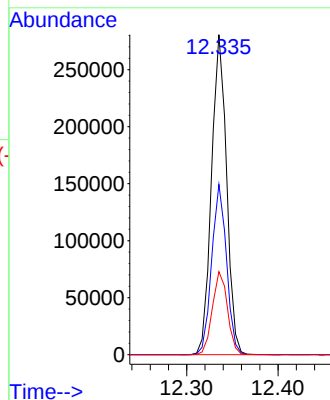
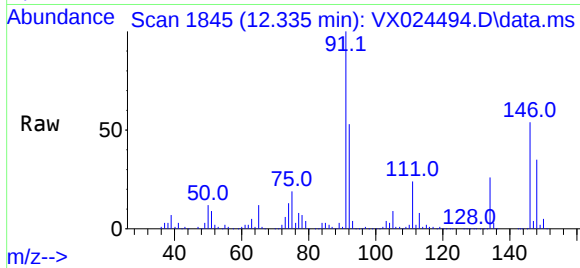
#89  
n-Butylbenzene  
Concen: 50.145 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 320426  
Ion Ratio Lower Upper  
91 100  
92 52.3 27.4 82.0  
134 26.0 13.2 39.5

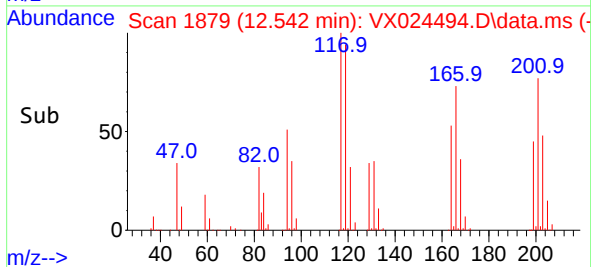
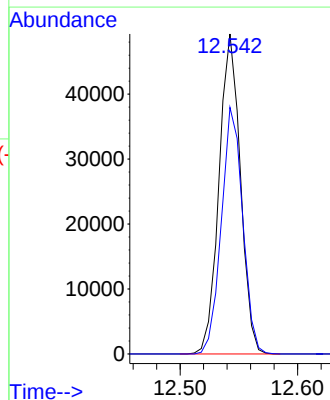
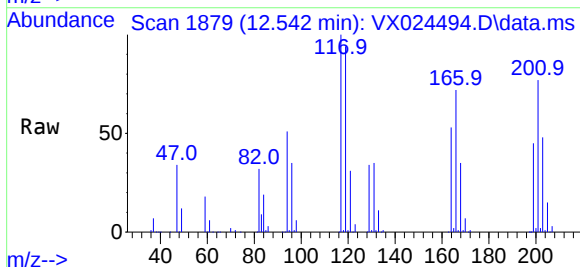
Manual Integrations  
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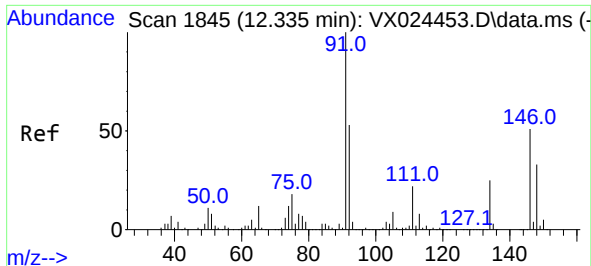
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#90  
Hexachloroethane  
Concen: 52.362 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

Tgt Ion: 117 Resp: 62137  
Ion Ratio Lower Upper  
117 100  
201 76.9 40.4 121.2





#91  
1,2-Dichlorobenzene  
Concen: 49.048 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

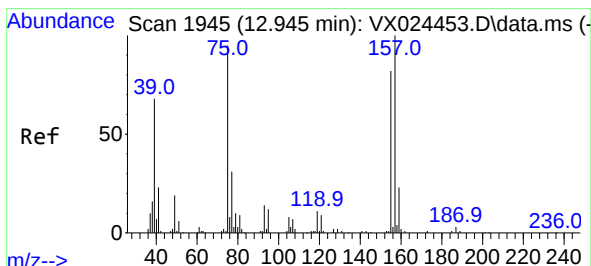
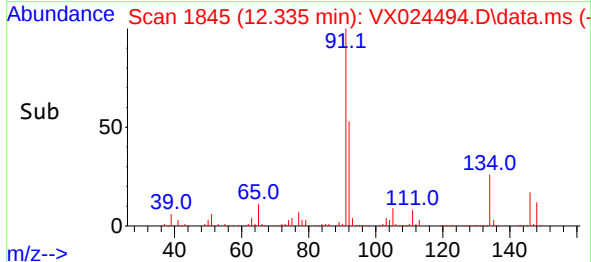
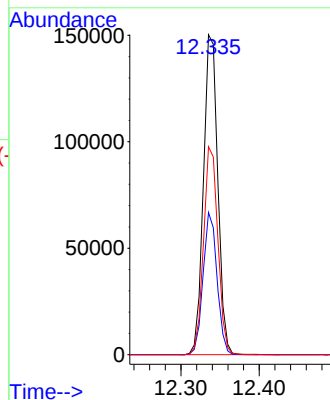
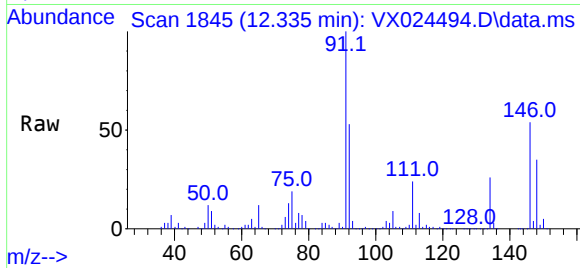
Tgt Ion: 146 Resp: 190857  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.2  | 20.8  | 62.2  |
| 148 | 65.0  | 31.9  | 95.5  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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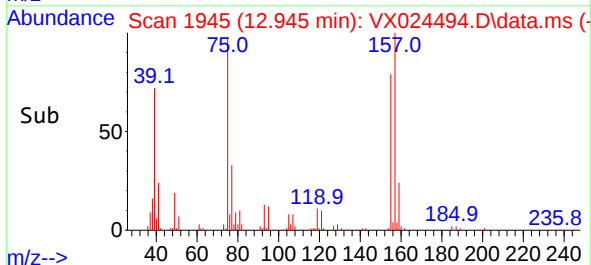
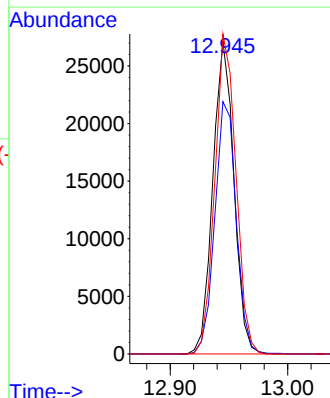
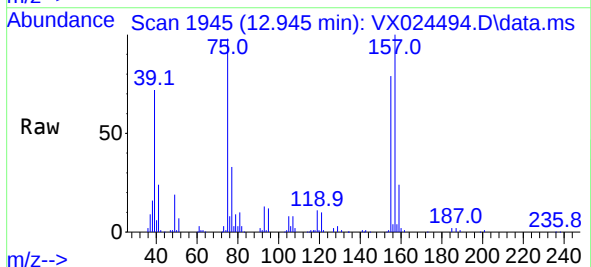
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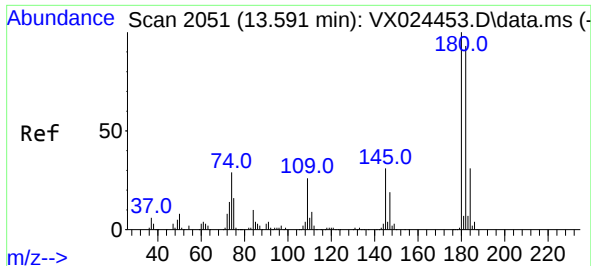


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.231 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

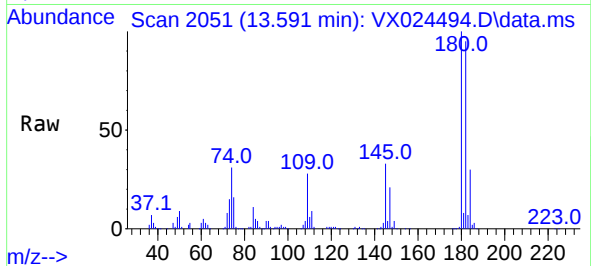
Tgt Ion: 75 Resp: 33765  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 82.2  | 45.3  | 135.9 |
| 157 | 102.8 | 57.7  | 173.1 |





#93  
1,2,4-Trichlorobenzene  
Concen: 47.916 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

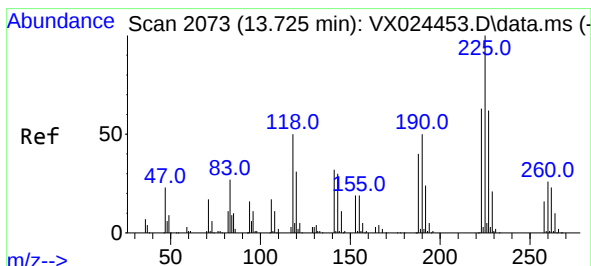
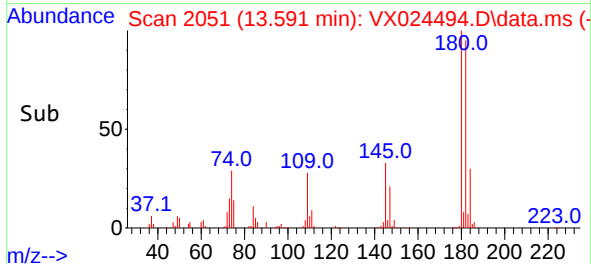
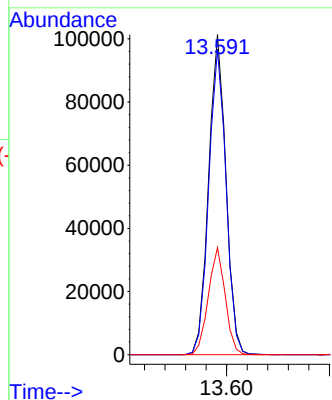


Tgt Ion:180 Resp: 118709  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.7 143.1  
145 32.6 15.0 45.0

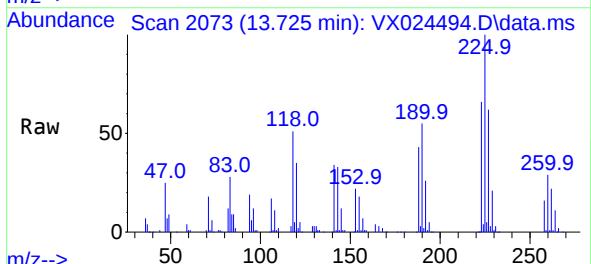
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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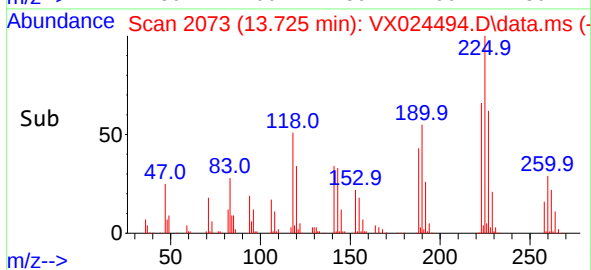
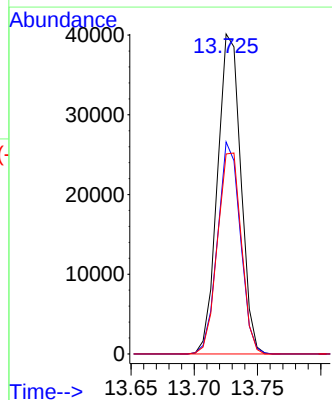
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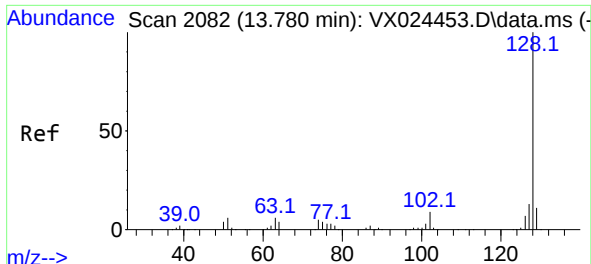


#94  
Hexachlorobutadiene  
Concen: 45.319 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



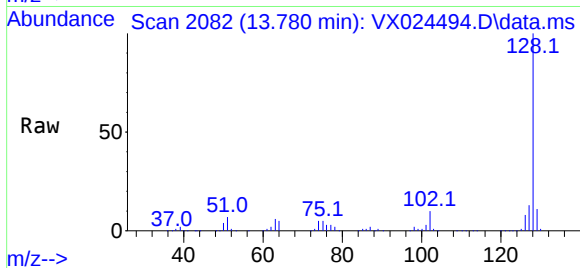
Tgt Ion:225 Resp: 51360  
Ion Ratio Lower Upper  
225 100  
223 64.6 31.1 93.2  
227 64.0 31.6 95.0





#95  
Naphthalene  
Concen: 52.263 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43

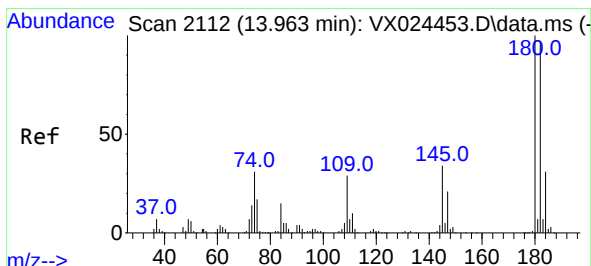
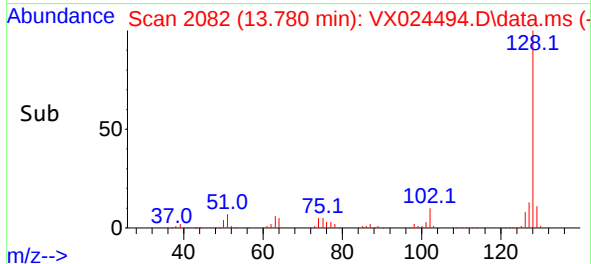
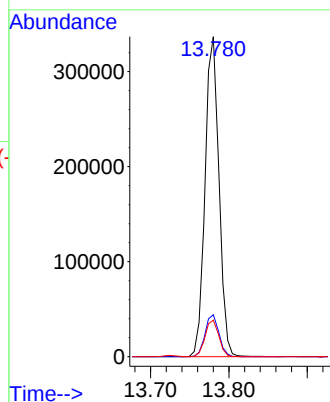
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



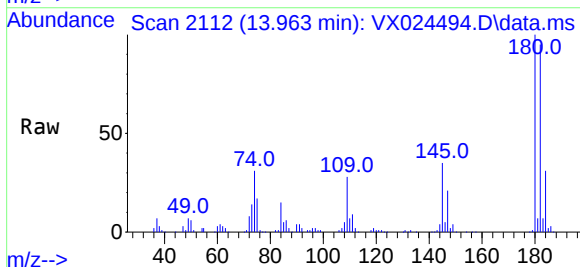
Tgt Ion:128 Resp: 414431  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.3 15.5  
129 11.3 8.8 13.2

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#96  
1,2,3-Trichlorobenzene  
Concen: 48.538 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX024494.D  
Acq: 24 Sep 2021 09:43



Tgt Ion:180 Resp: 123222  
Ion Ratio Lower Upper  
180 100  
182 95.0 47.6 142.9  
145 34.4 16.1 48.3

