

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082721\  
 Data File : VX024002.D  
 Acq On : 27 Aug 2021 19:05  
 Operator : JC/MD  
 Sample : M3561-24MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VE4-11MSD

Manual Integrations  
 APPROVED

SAM  
 8/30/2021 9:16:06 AM

Quant Time: Aug 28 05:00:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.562          | 168  | 205242              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769          | 114  | 336667              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 315399              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 160186              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964          | 65   | 156495              | 54.632  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 109.260% |         |        |          |
| 35) Dibromofluoromethane     | 5.397          | 113  | 118021              | 52.964  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 105.920% |         |        |          |
| 50) Toluene-d8               | 8.653          | 98   | 428523              | 50.527  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 101.060% |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.085         | 95   | 176789              | 56.625  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 113.240% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.172          | 85   | 103474              | 47.784  | ug/l   | 98       |
| 3) Chloromethane             | 1.294          | 50   | 106958              | 44.994  | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.374          | 62   | 110534              | 47.676  | ug/l   | 99       |
| 5) Bromomethane              | 1.599          | 94   | 53988               | 37.038  | ug/l   | 99       |
| 6) Chloroethane              | 1.678          | 64   | 70640               | 41.178  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 185581              | 50.689  | ug/l   | 99       |
| 8) Diethyl Ether             | 2.142          | 74   | 65872               | 51.521  | ug/l   | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325          | 101  | 104542              | 50.744  | ug/l   | 96       |
| 10) Methyl Iodide            | 2.453          | 142  | 117477              | 40.953  | ug/l   | 92       |
| 11) Tert butyl alcohol       | 2.983          | 59   | 187345              | 323.400 | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 100978              | 51.265  | ug/l   | 90       |
| 13) Acrolein                 | 2.245          | 56   | 67227               | 195.013 | ug/l   | 97       |
| 14) Allyl chloride           | 2.666          | 41   | 197022              | 54.276  | ug/l   | 91       |
| 15) Acrylonitrile            | 3.075          | 53   | 364520              | 282.413 | ug/l   | 97       |
| 16) Acetone                  | 2.392          | 43   | 352523              | 275.235 | ug/l   | 90       |
| 17) Carbon Disulfide         | 2.514          | 76   | 250679              | 53.361  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.715          | 43   | 176717              | 55.269  | ug/l   | 92       |
| 19) Methyl tert-butyl Ether  | 3.123          | 73   | 390482              | 56.960  | ug/l   | 100      |
| 20) Methylene Chloride       | 2.794          | 84   | 117386              | 47.981  | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 3.099          | 96   | 108744              | 51.687  | ug/l   | 99       |
| 22) Diisopropyl ether        | 3.776          | 45   | 395531              | 54.709  | ug/l   | 93       |
| 23) Vinyl Acetate            | 3.733          | 43   | 1644274             | 281.145 | ug/l   | 94       |
| 24) 1,1-Dichloroethane       | 3.617          | 63   | 216738              | 53.866  | ug/l   | 97       |
| 25) 2-Butanone               | 4.574          | 43   | 566089              | 291.803 | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 4.489          | 77   | 171782              | 52.018  | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.495          | 96   | 129854              | 51.870  | ug/l   | 95       |
| 28) Bromochloromethane       | 4.910          | 49   | 106423              | 58.171  | ug/l   | 93       |
| 29) Tetrahydrofuran          | 5.019          | 42   | 364669              | 290.207 | ug/l   | 89       |
| 30) Chloroform               | 5.105          | 83   | 223743              | 52.517  | ug/l   | 99       |
| 31) Cyclohexane              | 5.477          | 56   | 191375              | 52.001  | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.391          | 97   | 202687              | 55.560  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.702          | 75   | 164247              | 52.681  | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.727          | 43   | 207380              | 54.111  | ug/l # | 94       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 177350              | 54.550  | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.385          | 83   | 193417              | 50.950  | ug/l   | 95       |
| 40) Benzene                  | 6.043          | 78   | 469355              | 50.911  | ug/l   | 100      |

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 Operator : JC/MD  
 Sample : M3561-24MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VE4-11MSD

Manual Integrations  
 APPROVED

SAM  
 8/30/2021 9:16:06 AM

Quant Time: Aug 28 05:00:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 111206   | 53.526   | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 6.098  | 62   | 195805   | 54.040   | ug/l   | 94       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 332086   | 55.397   | ug/l   | 93       |
| 44) Trichloroethene           | 7.135  | 130  | 127364   | 50.011   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 124480   | 50.848   | ug/l   | 99       |
| 46) Dibromomethane            | 7.586  | 93   | 89778    | 52.698   | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.830  | 83   | 169377   | 54.958   | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.702  | 41   | 165408   | 56.562   | ug/l   | 85       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 69035    | 1116.980 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 1119754  | 288.965  | ug/l   | 91       |
| 52) Toluene                   | 8.726  | 92   | 303565   | 50.815   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 194966   | 49.019   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 202676   | 54.272   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 128476   | 52.238   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 217373   | 51.699   | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 216693   | 53.121   | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 905049   | 303.844  | ug/l   | 87       |
| 60) Dibromochloromethane      | 9.525  | 129  | 133336   | 49.119   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 137466   | 52.908   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.281  | 164  | 116644   | 46.303   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.085 | 112  | 332169   | 50.470   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 127637   | 54.488   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 604697   | 52.614   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 464013   | 105.997  | ug/l   | 97       |
| 69) o-Xylene                  | 10.646 | 106  | 230740   | 53.637   | ug/l   | 99       |
| 70) Styrene                   | 10.659 | 104  | 384101   | 54.806   | ug/l   | 97       |
| 71) Bromoform                 | 10.805 | 173  | 96771    | 50.808   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 608213   | 49.779   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 302906   | 54.858   | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 204590   | 51.093   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 192439m  | 51.499   | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 149438   | 49.658   | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 710090   | 50.813   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 436167   | 51.639   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 523861   | 52.173   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 66191    | 52.105   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 499911   | 52.142   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 513789   | 52.687   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 525223   | 52.462   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 649505   | 52.607   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 543405   | 53.478   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.975 | 146  | 277052   | 50.886   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 278826   | 51.348   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 482196   | 53.148   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 85605    | 48.379   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 272844   | 51.727   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 54092    | 57.285   | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 178253   | 56.151   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 73121    | 51.678   | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 642213   | 54.688   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 173463   | 54.865   | ug/l   | 98       |

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Data File : VX024002.D  
Acq On : 27 Aug 2021 19:05  
Operator : JC/MD  
Sample : M3561-24MSD  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

Manual Integrations  
APPROVED

SAM  
8/30/2021 9:16:06 AM

Quant Time: Aug 28 05:00:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

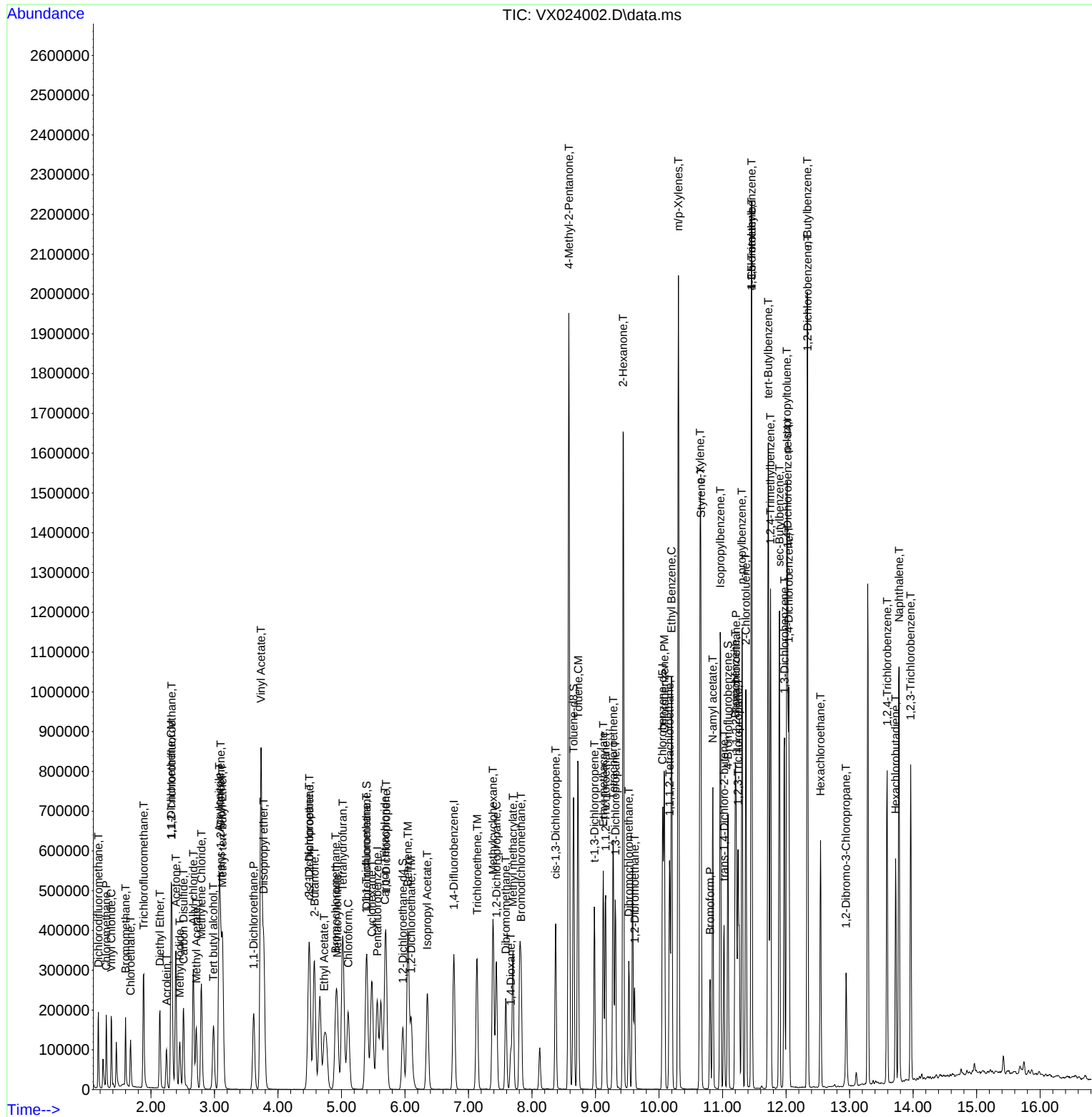
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Data File : VX024002.D  
Acq On : 27 Aug 2021 19:05  
Operator : JC/MD  
Sample : M3561-24MSD  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 26 Sample Multiplier: 1

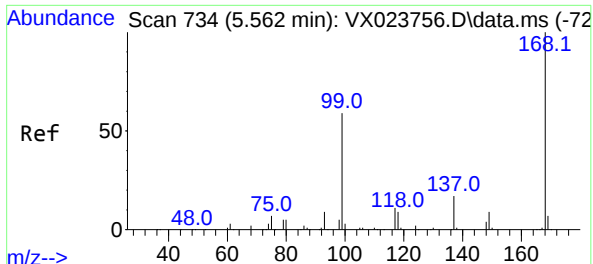
Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

Manual Integrations  
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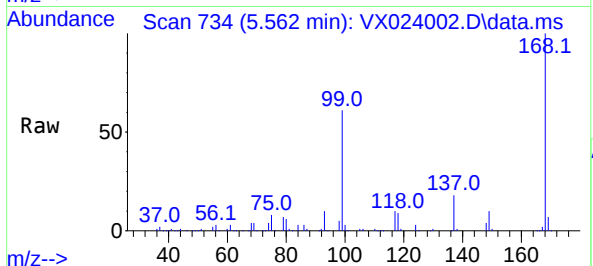
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Quant Time: Aug 28 05:00:41 2021  
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Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

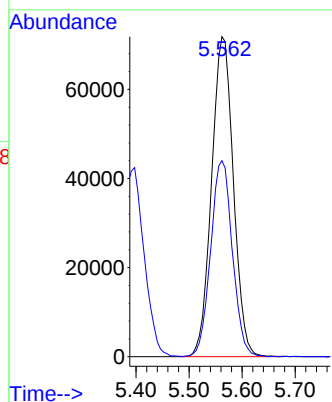
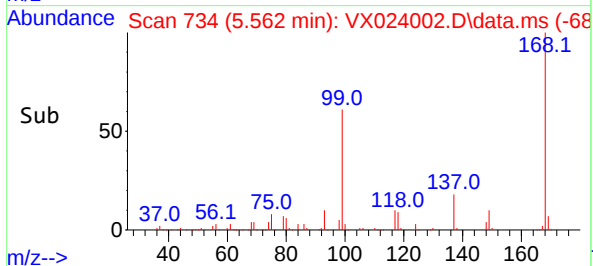




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



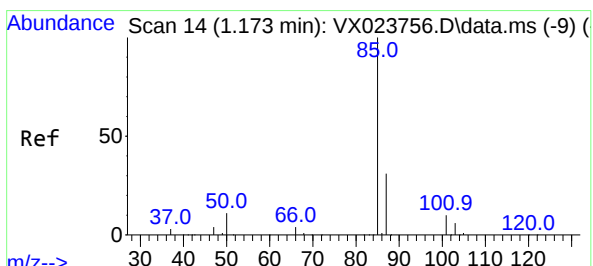
Tgt Ion: 168 Resp: 205242  
Ion Ratio Lower Upper  
168 100  
99 61.3 45.8 68.6



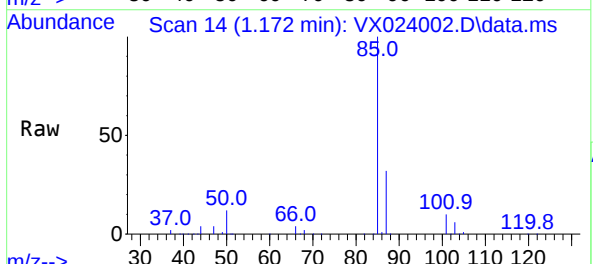
Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

Manual Integrations  
APPROVED

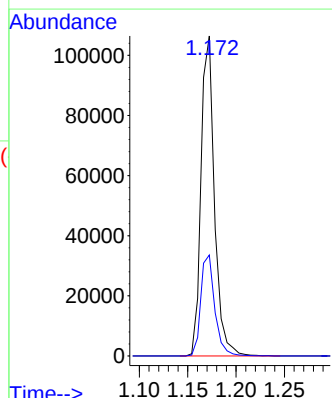
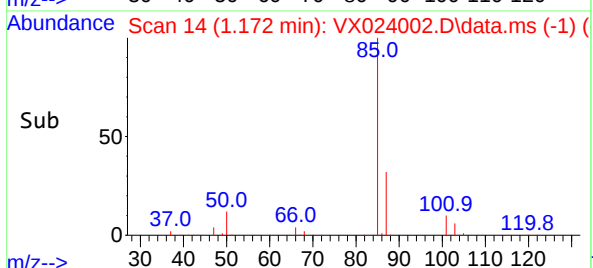
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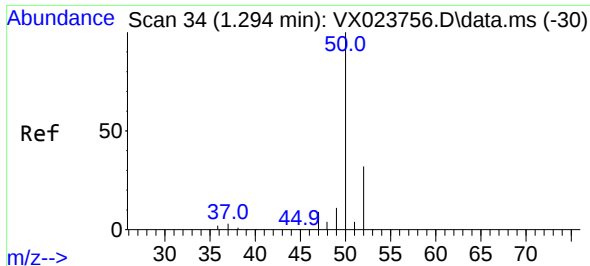


#2  
Dichlorodifluoromethane  
Concen: 47.784 ug/l  
RT: 1.172 min Scan# 14  
Delta R.T. -0.001 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion: 85 Resp: 103474  
Ion Ratio Lower Upper  
85 100  
87 31.6 16.4 49.2





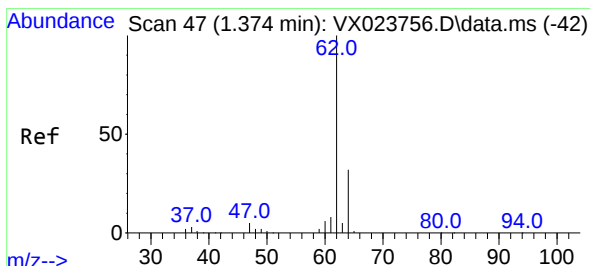
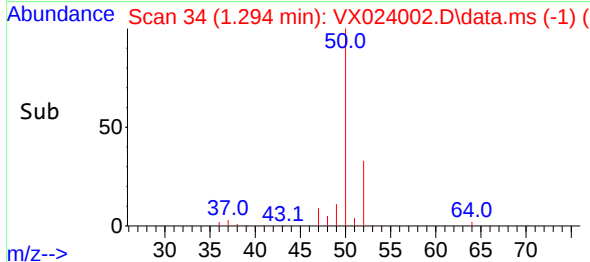
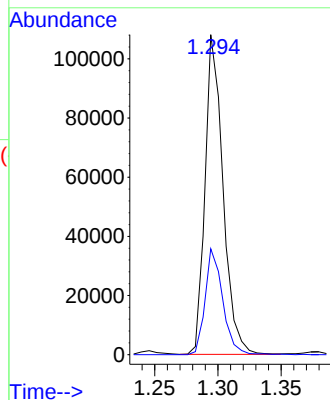
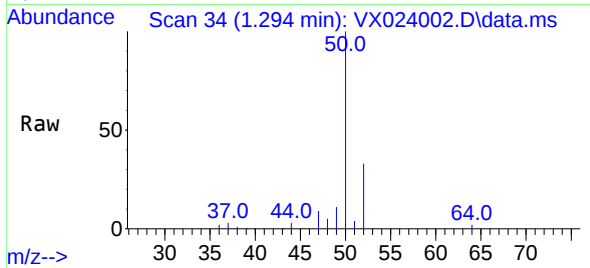
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Chloromethane  
Concen: 44.994 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 50 Resp: 106958  
Ion Ratio Lower Upper  
50 100  
52 33.2 26.4 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

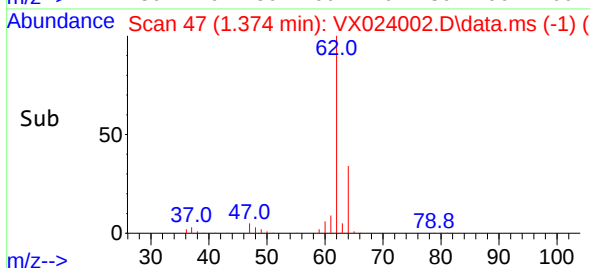
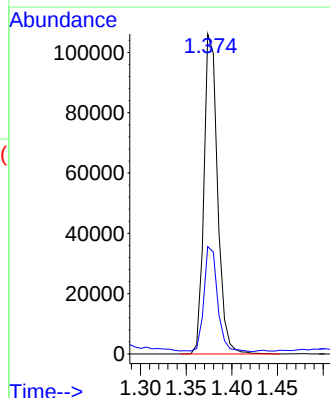
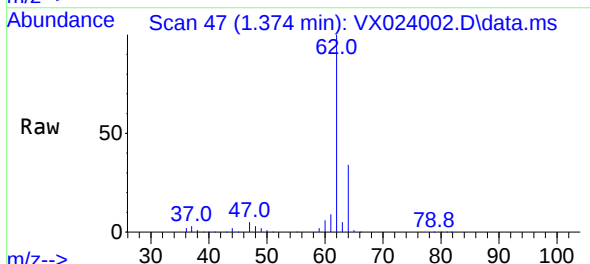
Manual Integrations  
APPROVED

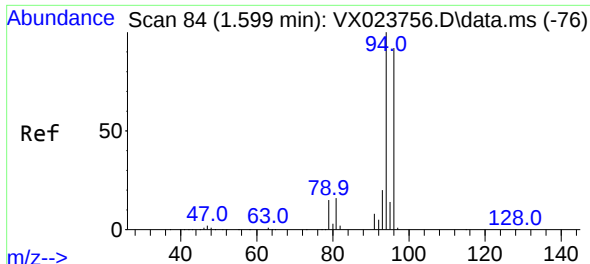
SAM  
8/30/2021 9:16:06 AM



#4  
Vinyl Chloride  
Concen: 47.676 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 62 Resp: 110534  
Ion Ratio Lower Upper  
62 100  
64 32.6 25.7 38.5





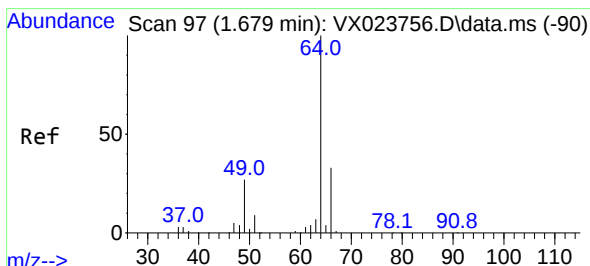
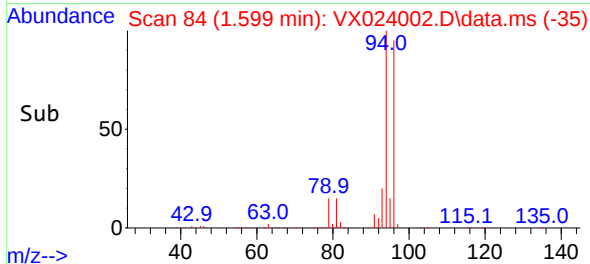
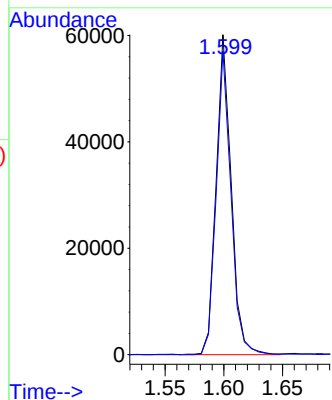
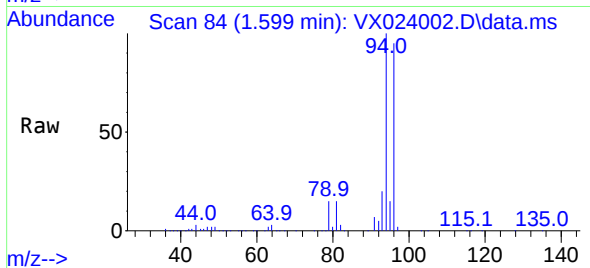
#5  
Bromomethane  
Concen: 37.038 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 94 Resp: 53988  
Ion Ratio Lower Upper  
94 100  
96 94.9 76.4 114.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

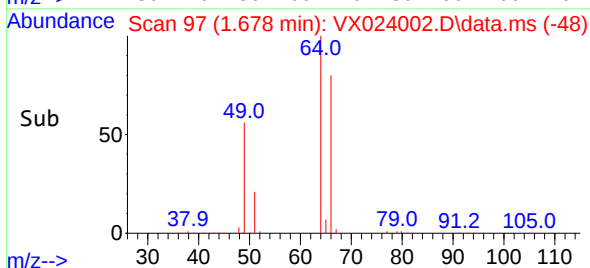
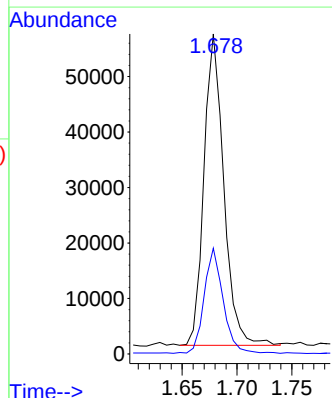
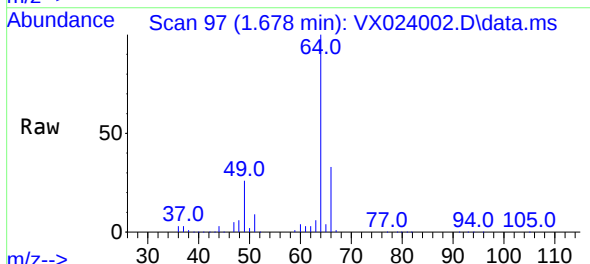
Manual Integrations  
APPROVED

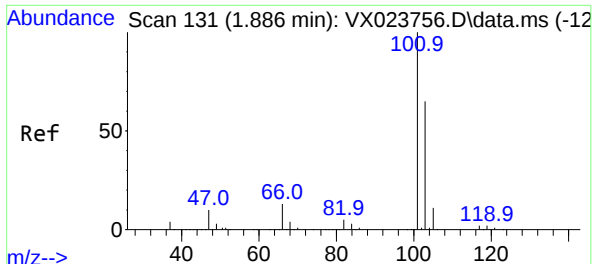
SAM  
8/30/2021 9:16:06 AM



#6  
Chloroethane  
Concen: 41.178 ug/l  
RT: 1.678 min Scan# 97  
Delta R.T. -0.001 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 64 Resp: 70640  
Ion Ratio Lower Upper  
64 100  
66 33.8 25.4 38.0





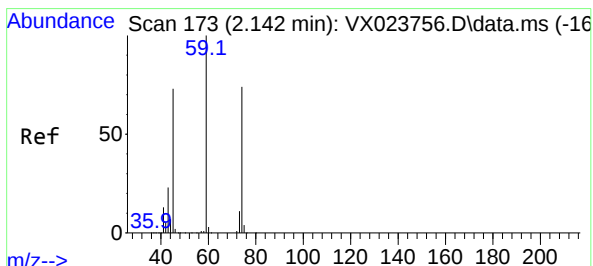
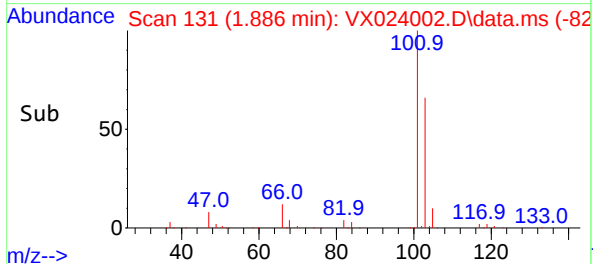
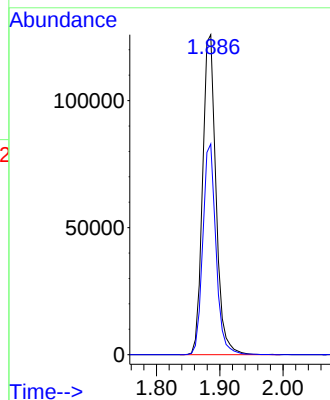
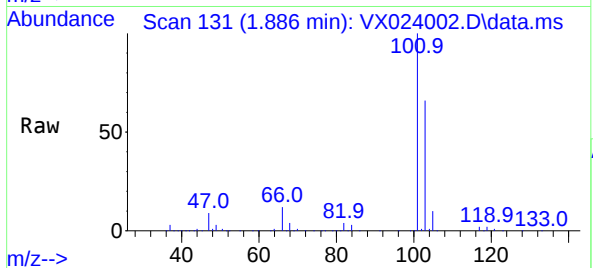
#7  
Trichlorofluoromethane  
Concen: 50.689 ug/l  
RT: 1.886 min Scan# 131  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:101 Resp: 185581  
Ion Ratio Lower Upper  
101 100  
103 65.9 53.2 79.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

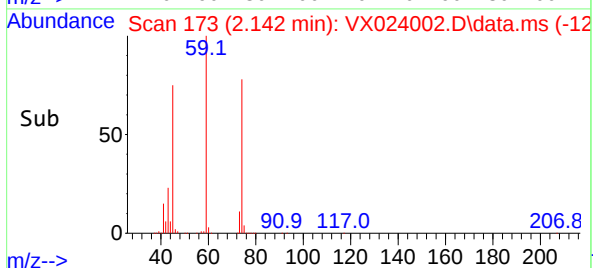
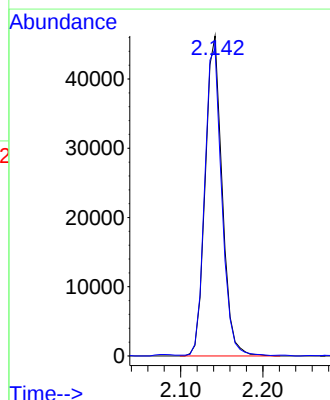
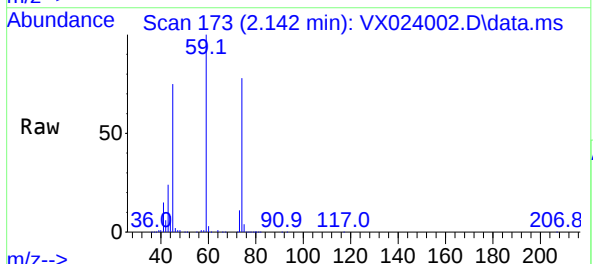
Manual Integrations  
APPROVED

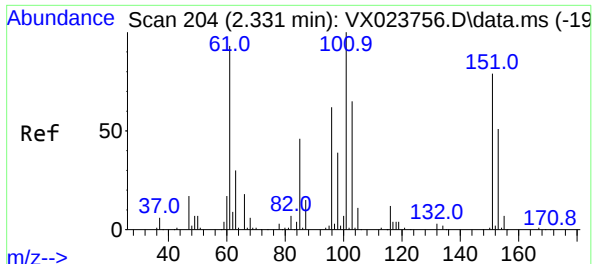
SAM  
8/30/2021 9:16:06 AM



#8  
Diethyl Ether  
Concen: 51.521 ug/l  
RT: 2.142 min Scan# 173  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 74 Resp: 65872  
Ion Ratio Lower Upper  
74 100  
45 97.0 44.5 133.5





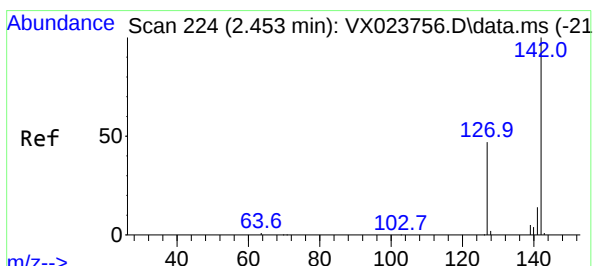
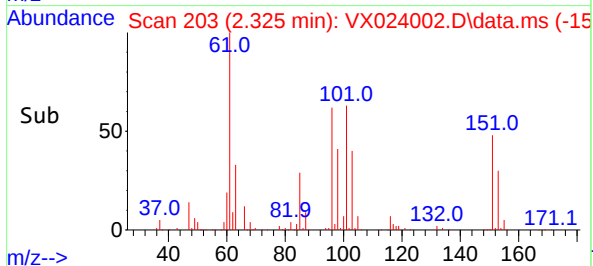
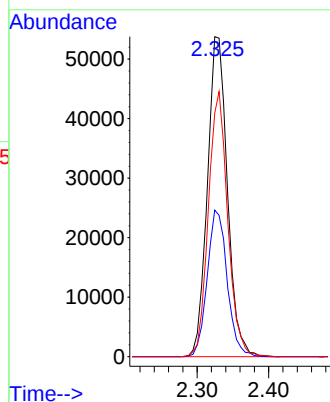
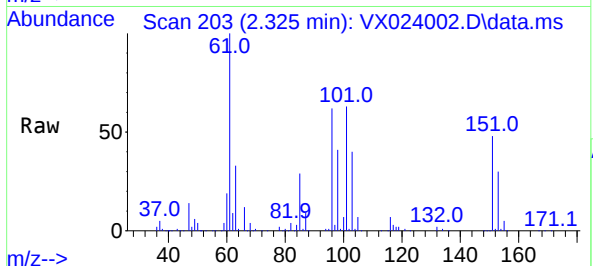
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.744 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:101 Resp: 104542  
Ion Ratio Lower Upper  
101 100  
85 45.7 34.9 52.3  
151 80.1 61.4 92.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

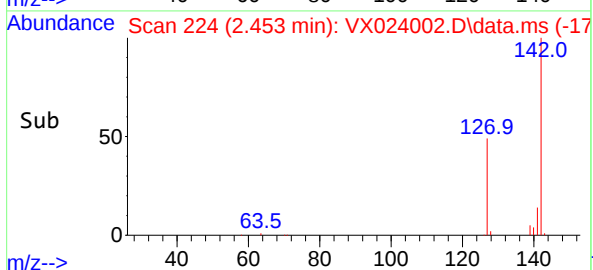
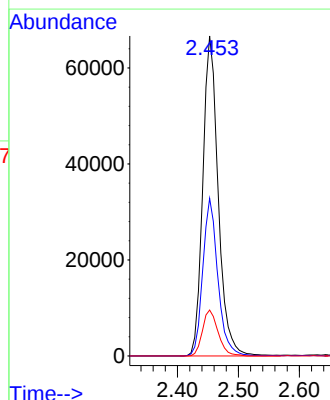
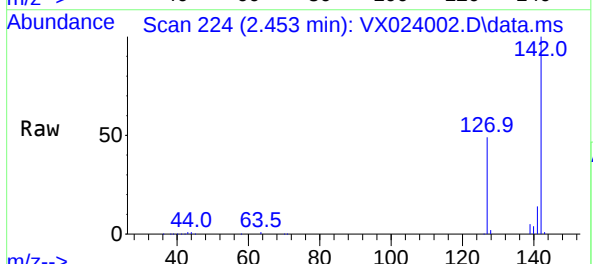
Manual Integrations  
APPROVED

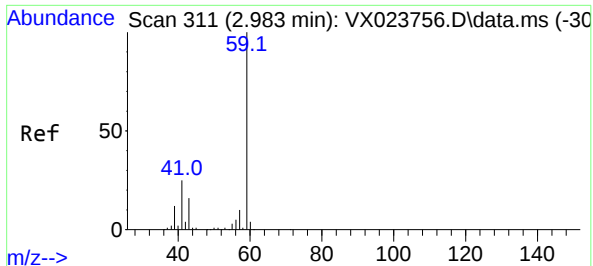
SAM  
8/30/2021 9:16:06 AM



#10  
Methyl Iodide  
Concen: 40.953 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

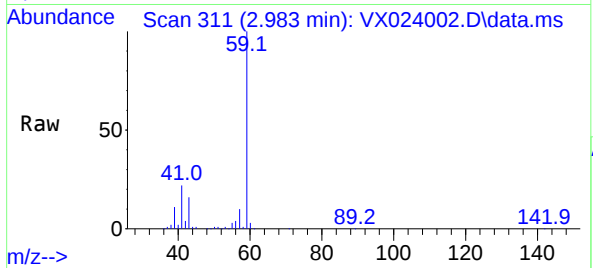
Tgt Ion:142 Resp: 117477  
Ion Ratio Lower Upper  
142 100  
127 48.0 33.3 49.9  
141 14.5 11.4 17.0





#11  
Tert butyl alcohol  
Concen: 323.400 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

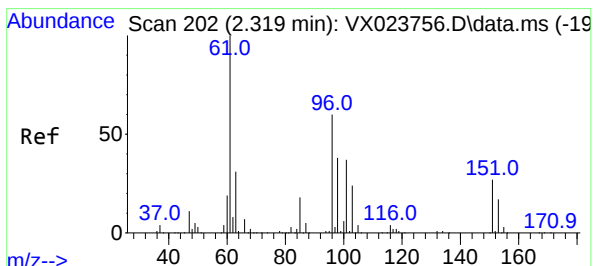
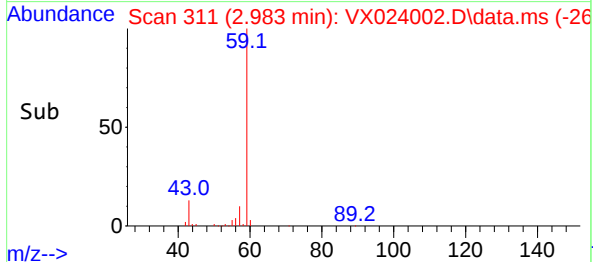
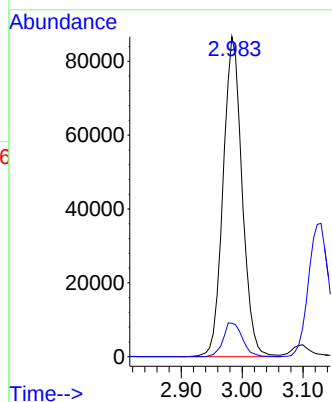
Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD



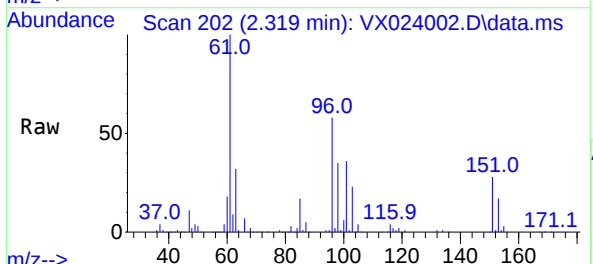
Tgt Ion: 59 Resp: 187345  
Ion Ratio Lower Upper  
59 100  
57 10.8 7.8 11.8

Manual Integrations  
APPROVED

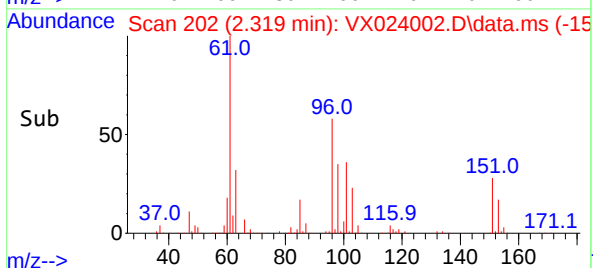
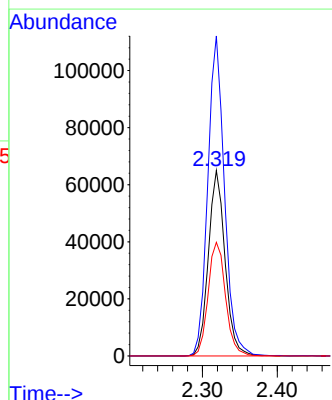
SAM  
8/30/2021 9:16:06 AM

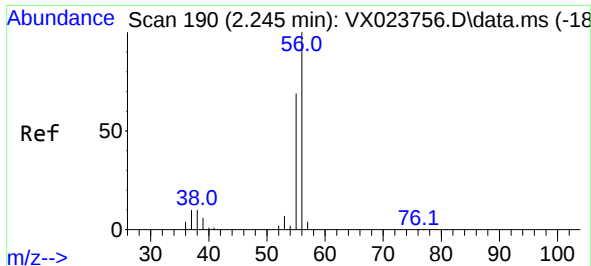


#12  
1,1-Dichloroethene  
Concen: 51.265 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion: 96 Resp: 100978  
Ion Ratio Lower Upper  
96 100  
61 172.5 124.6 187.0  
98 61.2 50.6 76.0





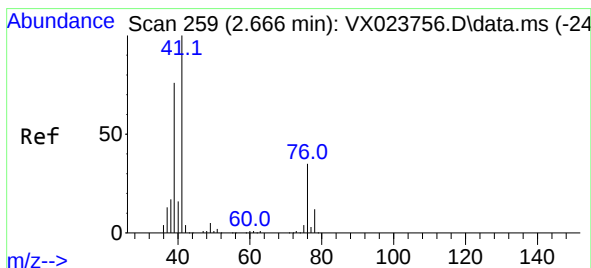
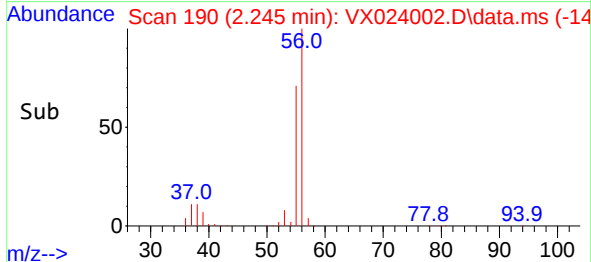
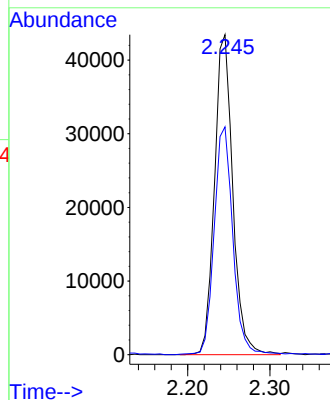
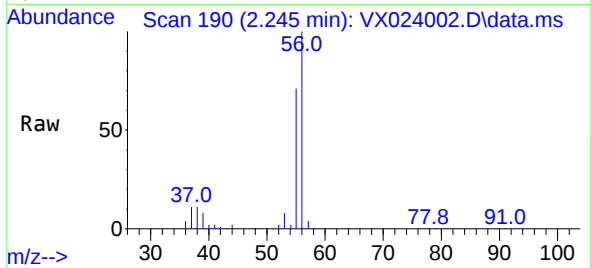
#13  
Acrolein  
Concen: 195.013 ug/l  
RT: 2.245 min Scan# 190  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 56 Resp: 67227  
Ion Ratio Lower Upper  
56 100  
55 72.8 56.4 84.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

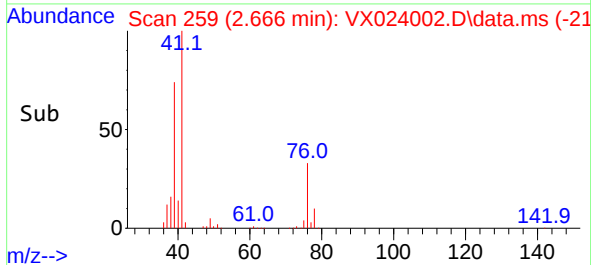
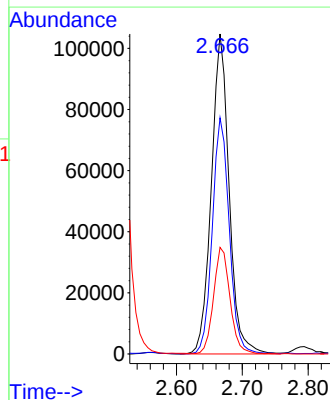
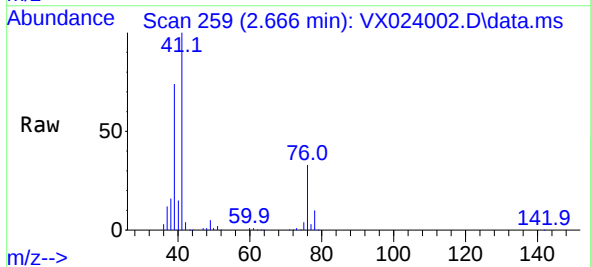
Manual Integrations  
APPROVED

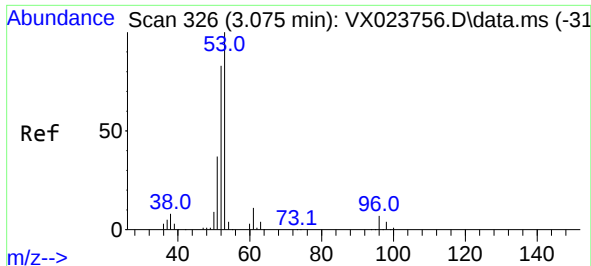
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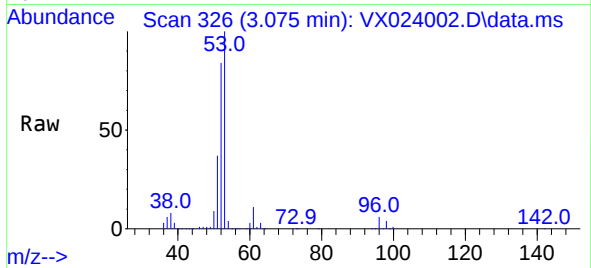
#14  
Allyl chloride  
Concen: 54.276 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 41 Resp: 197022  
Ion Ratio Lower Upper  
41 100  
39 70.1 51.6 77.4  
76 31.0 30.5 45.7

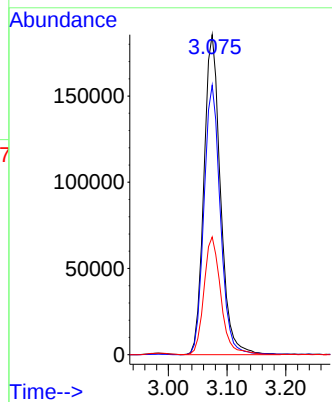
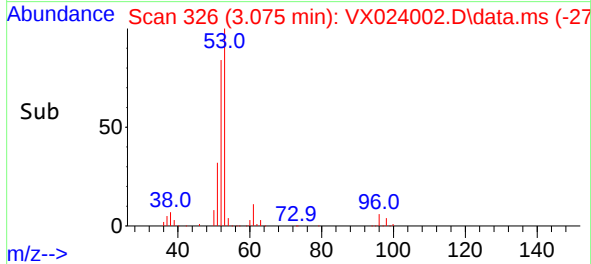




#15  
Acrylonitrile  
Concen: 282.413 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. -0.001 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



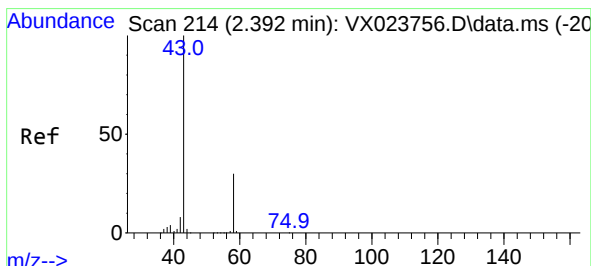
Tgt Ion: 53 Resp: 364520  
Ion Ratio Lower Upper  
53 100  
52 83.5 65.3 97.9  
51 37.4 28.2 42.2



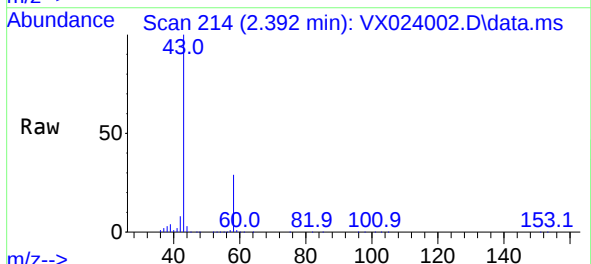
Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

Manual Integrations  
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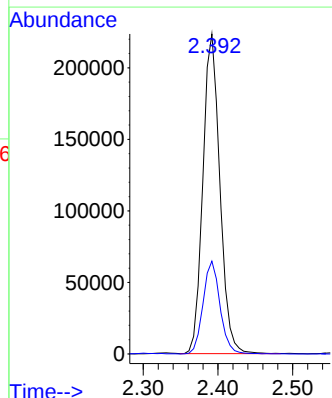
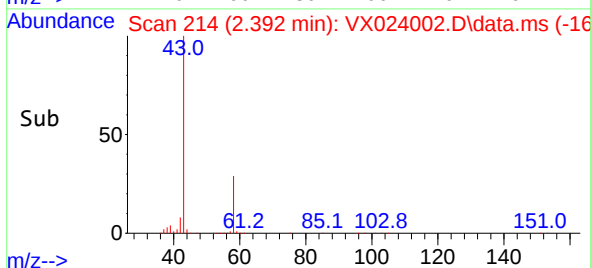
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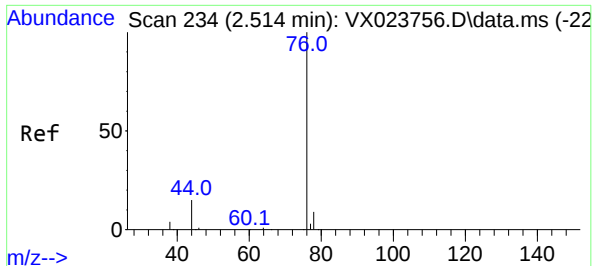


#16  
Acetone  
Concen: 275.235 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion: 43 Resp: 352523  
Ion Ratio Lower Upper  
43 100  
58 29.0 27.8 41.8





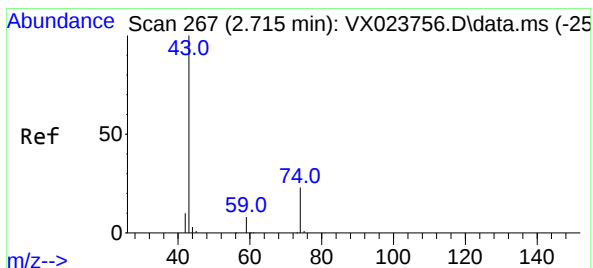
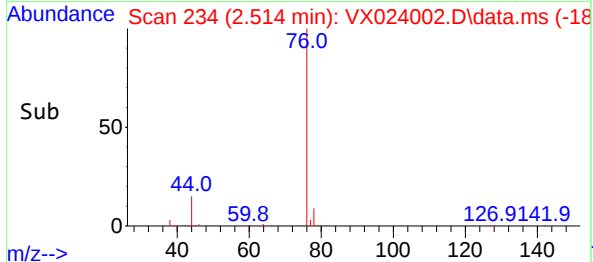
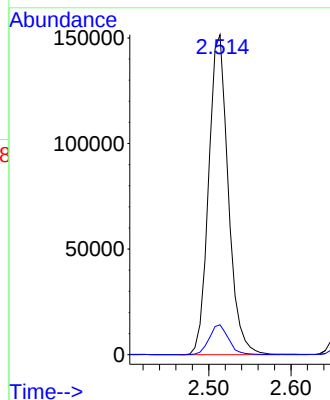
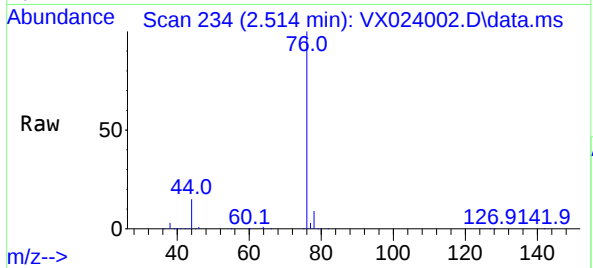
#17  
Carbon Disulfide  
Concen: 53.361 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 76 Resp: 250679  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

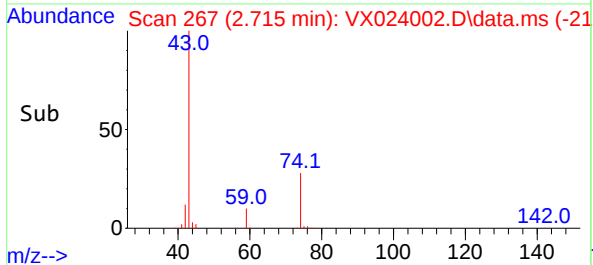
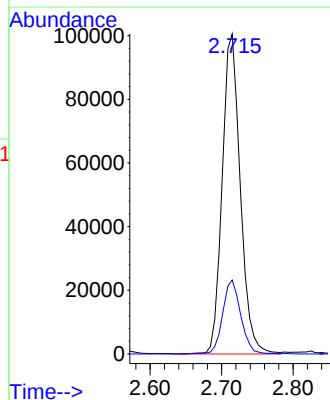
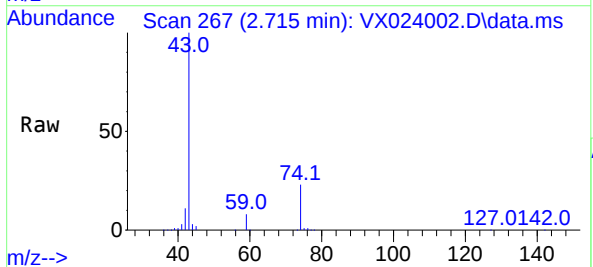
Manual Integrations  
APPROVED

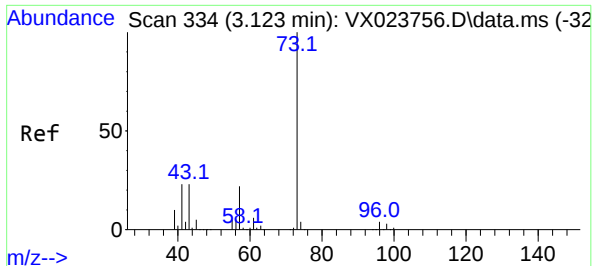
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#18  
Methyl Acetate  
Concen: 55.269 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 43 Resp: 176717  
Ion Ratio Lower Upper  
43 100  
74 23.2 21.9 32.9





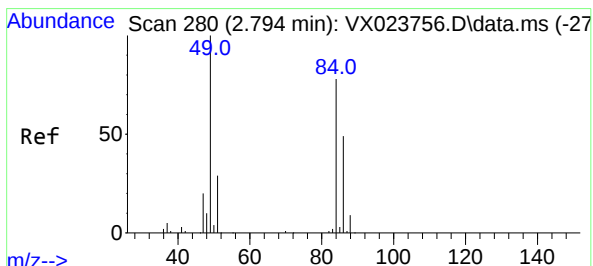
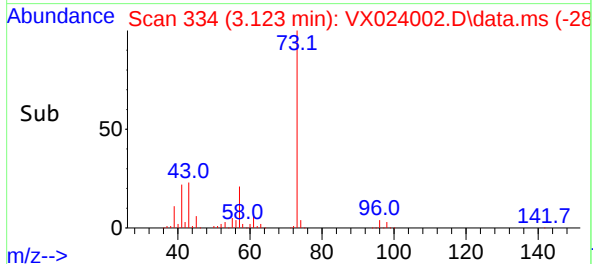
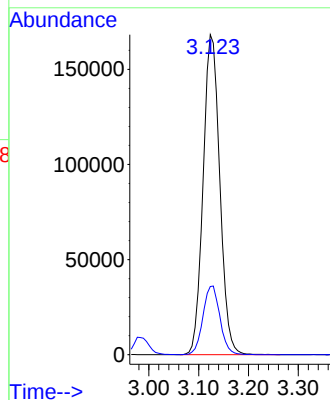
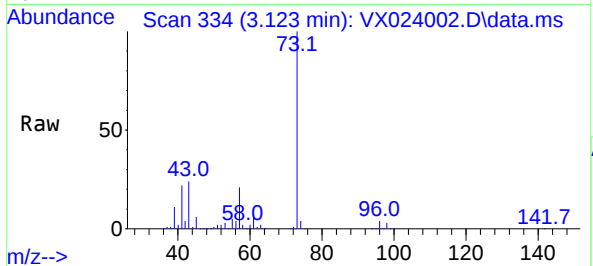
#19  
Methyl tert-butyl Ether  
Concen: 56.960 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 73 Resp: 390482  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.1 25.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

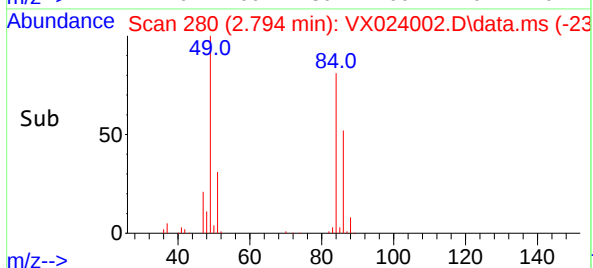
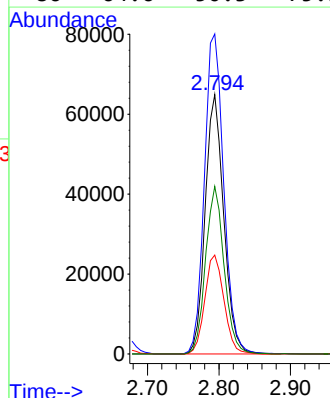
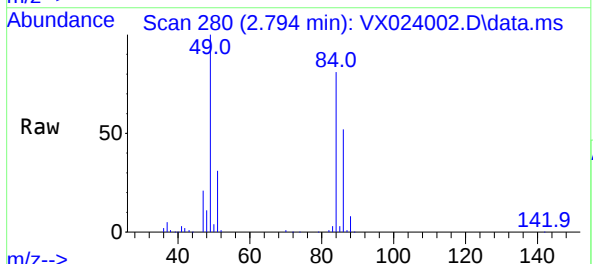
Manual Integrations  
APPROVED

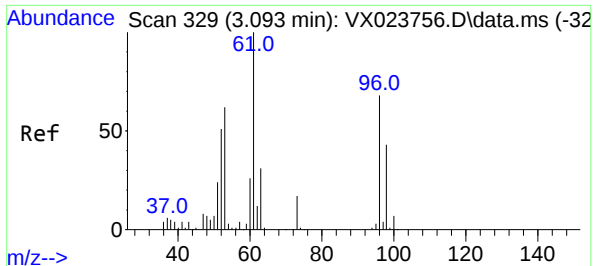
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8/30/2021 9:16:06 AM



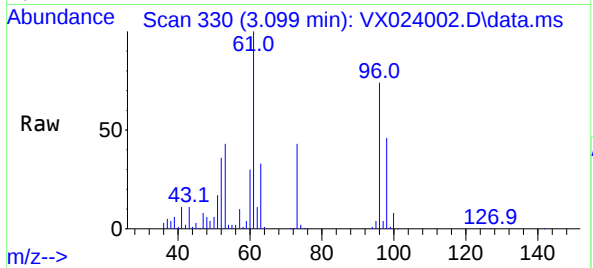
#20  
Methylene Chloride  
Concen: 47.981 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 84 Resp: 117386  
Ion Ratio Lower Upper  
84 100  
49 123.4 88.6 132.8  
51 38.1 27.0 40.6  
86 64.6 50.3 75.5

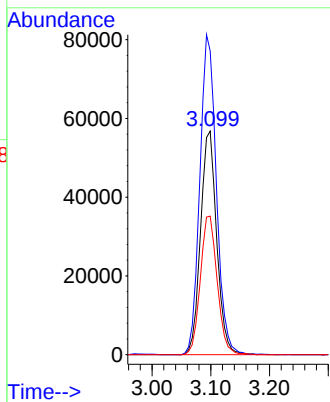
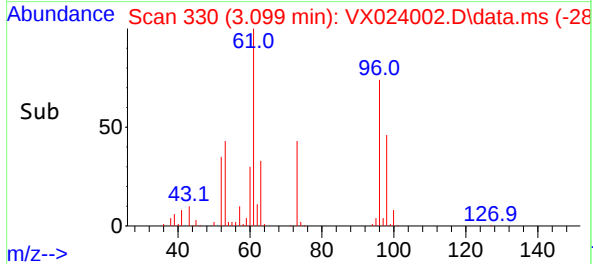




#21  
trans-1,2-Dichloroethene  
Concen: 51.687 ug/l  
RT: 3.099 min Scan# 330  
Delta R.T. 0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



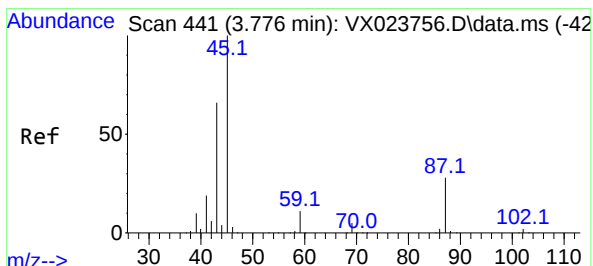
Tgt Ion: 96 Resp: 108744  
Ion Ratio Lower Upper  
96 100  
61 135.8 107.7 161.5  
98 62.0 50.4 75.6



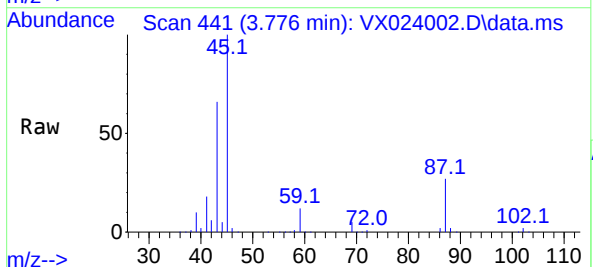
Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

Manual Integrations  
APPROVED

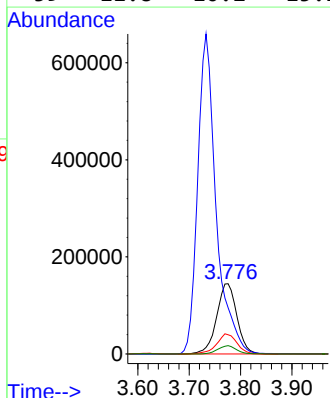
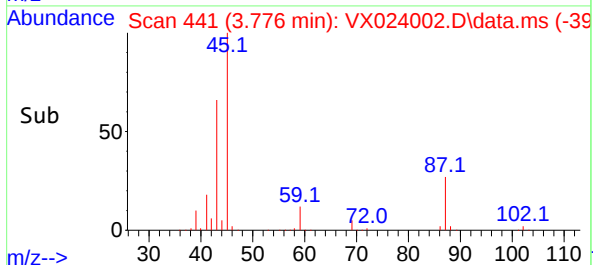
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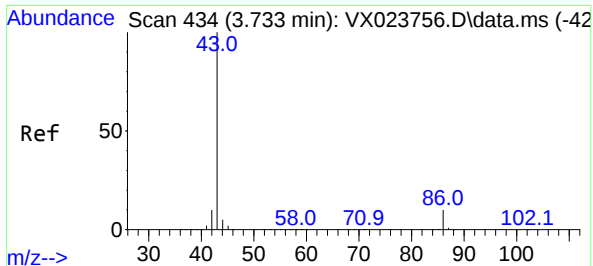


#22  
Diisopropyl ether  
Concen: 54.709 ug/l  
RT: 3.776 min Scan# 441  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion: 45 Resp: 395531  
Ion Ratio Lower Upper  
45 100  
43 65.7 58.0 87.0  
87 27.3 25.4 38.0  
59 11.8 10.2 15.2





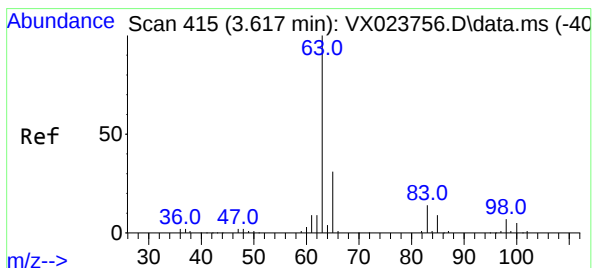
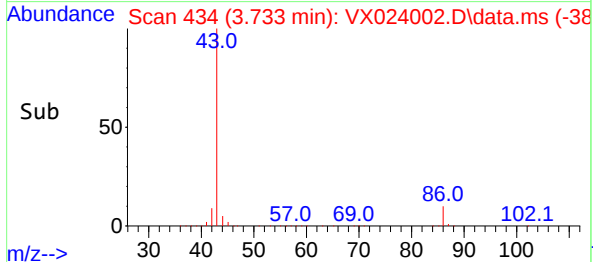
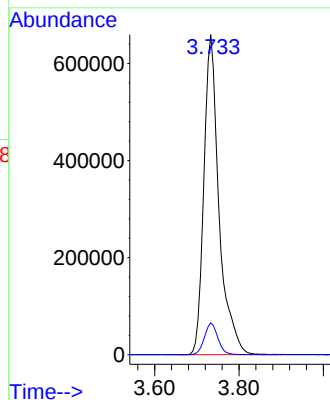
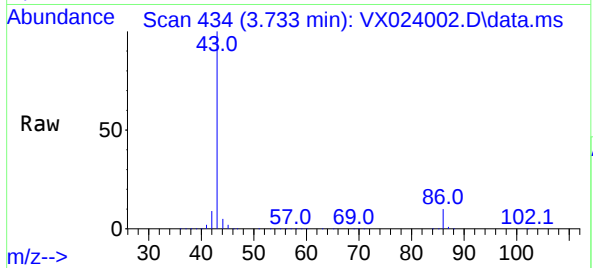
#23  
 Vinyl Acetate  
 Concen: 281.145 ug/l  
 RT: 3.733 min Scan# 434  
 Delta R.T. -0.000 min  
 Lab File: VX024002.D  
 Acq: 27 Aug 2021 19:05

Tgt Ion: 43 Resp: 1644274  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 9.9 14.9

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VE4-11MSD

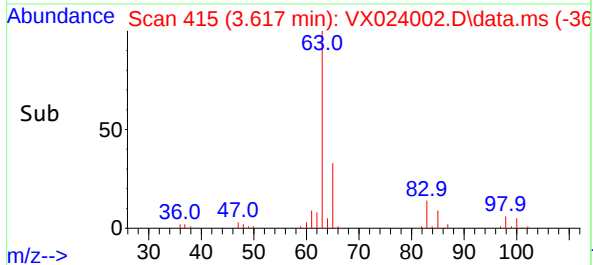
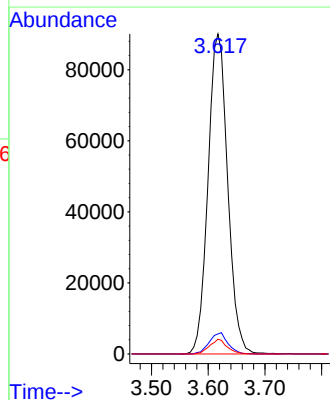
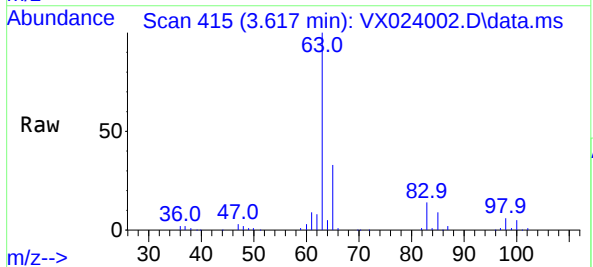
Manual Integrations  
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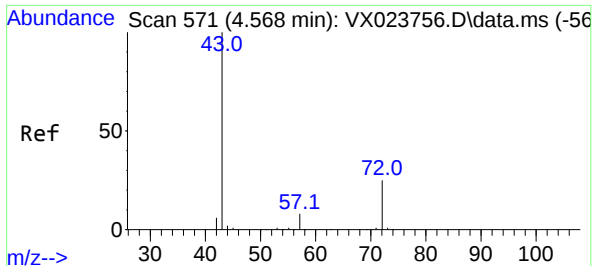
SAM  
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#24  
 1,1-Dichloroethane  
 Concen: 53.866 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.000 min  
 Lab File: VX024002.D  
 Acq: 27 Aug 2021 19:05

Tgt Ion: 63 Resp: 216738  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.8 11.2  
 100 4.6 2.5 7.5





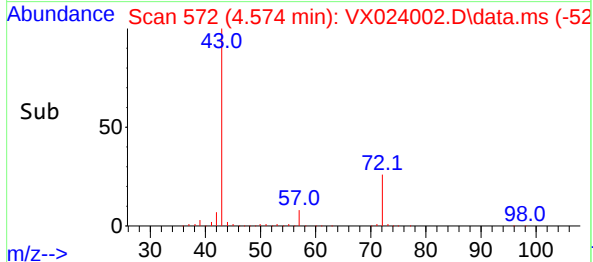
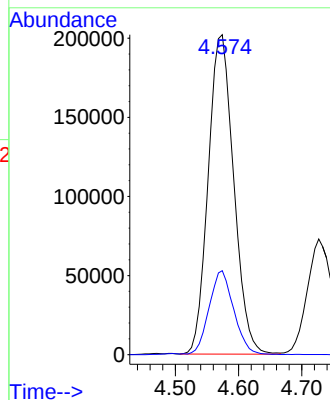
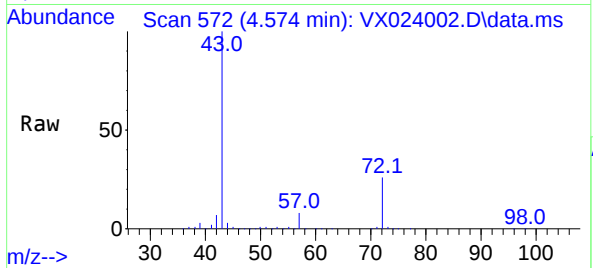
#25  
2-Butanone  
Concen: 291.803 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 43 Resp: 566089  
Ion Ratio Lower Upper  
43 100  
72 26.2 23.7 35.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

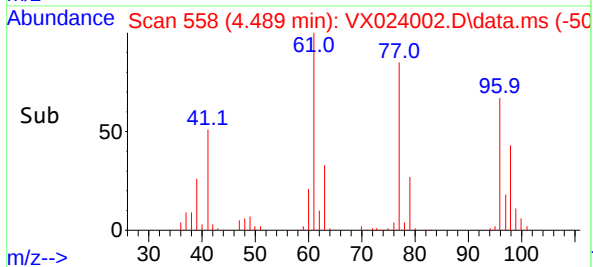
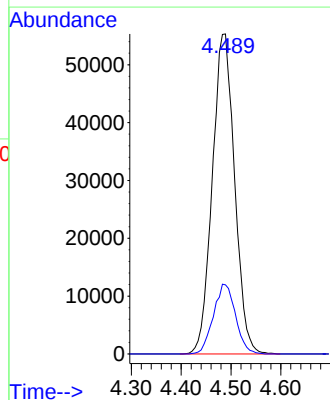
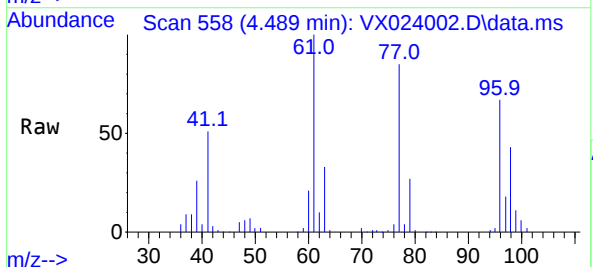
Manual Integrations  
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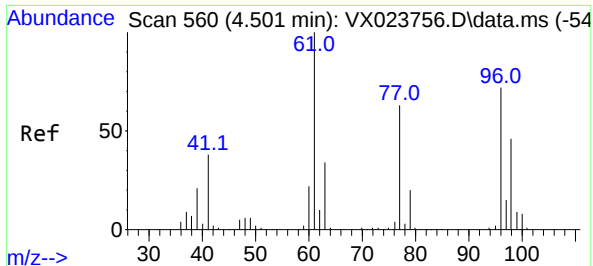
SAM  
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#26  
2,2-Dichloropropane  
Concen: 52.018 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 77 Resp: 171782  
Ion Ratio Lower Upper  
77 100  
97 21.6 11.7 35.1





#27

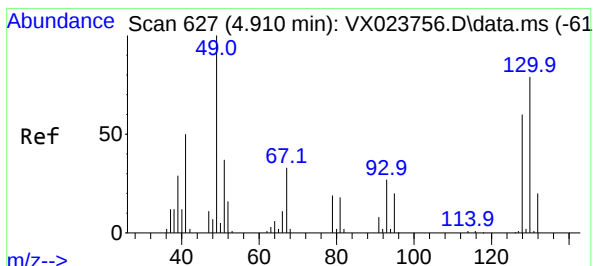
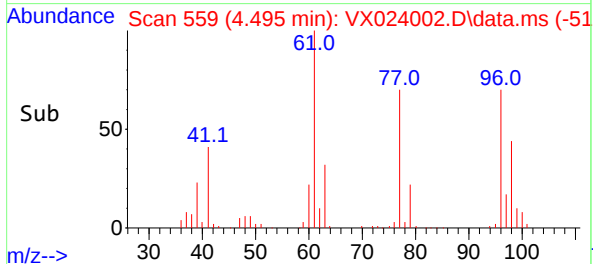
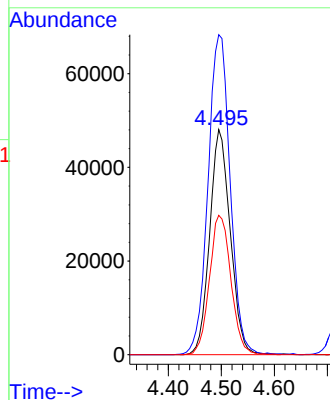
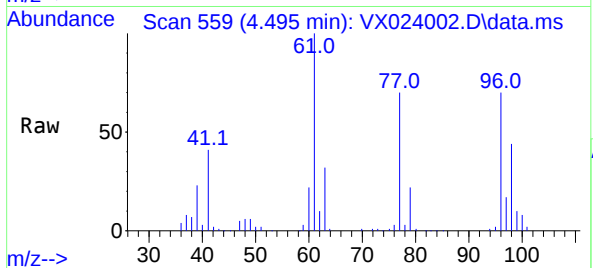
cis-1,2-Dichloroethene  
Concen: 51.870 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 96 Resp: 129854  
Ion Ratio Lower Upper  
96 100  
61 152.2 0.0 285.6  
98 64.4 0.0 129.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

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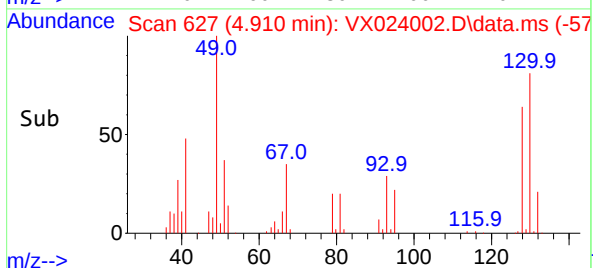
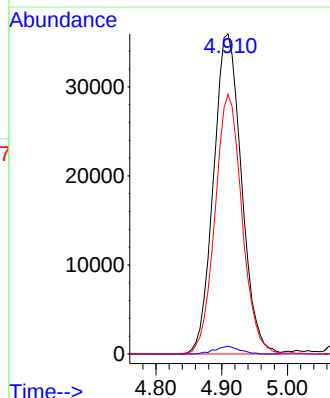
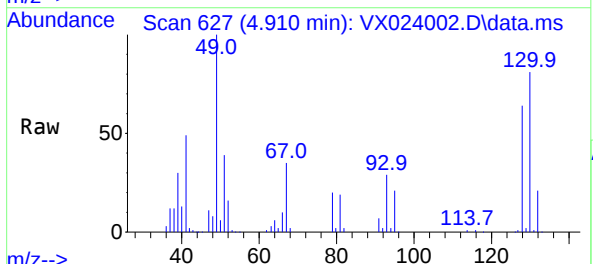
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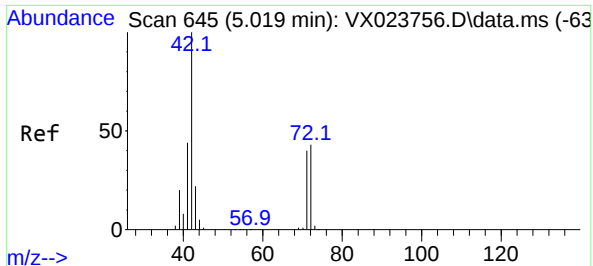


#28

Bromochloromethane  
Concen: 58.171 ug/l  
RT: 4.910 min Scan# 627  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 49 Resp: 106423  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 4.0  
130 78.4 68.2 102.2





#29

Tetrahydrofuran

Concen: 290.207 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX024002.D

Acq: 27 Aug 2021 19:05

Tgt Ion: 42 Resp: 364669

Ion Ratio Lower Upper

42 100

72 43.5 41.7 62.5

71 41.1 38.4 57.6

Instrument :

MSVOA\_X

ClientSampleId :

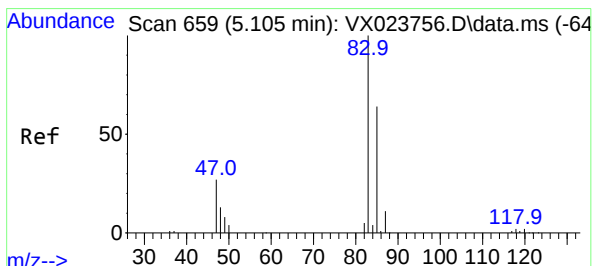
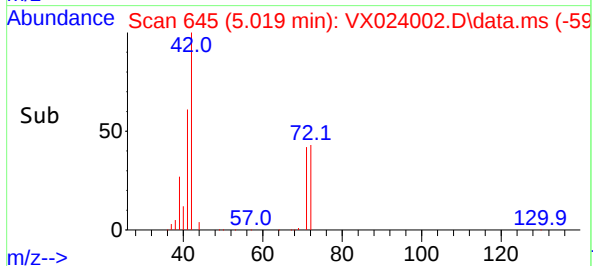
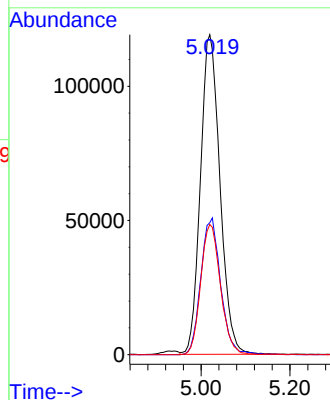
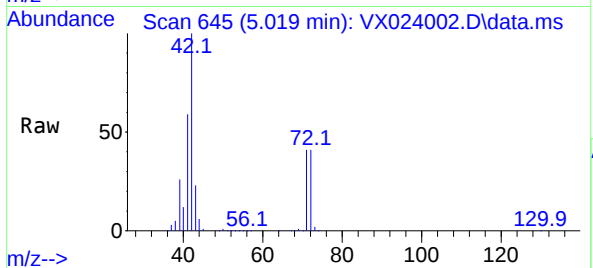
VE4-11MSD

Manual Integrations

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#30

Chloroform

Concen: 52.517 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024002.D

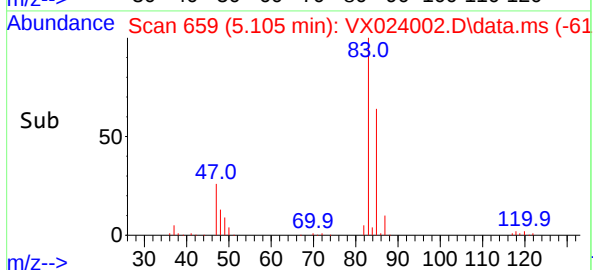
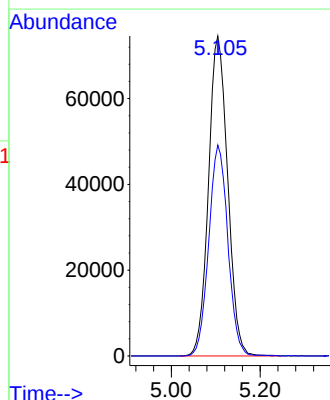
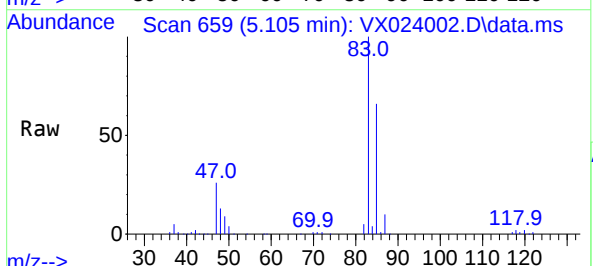
Acq: 27 Aug 2021 19:05

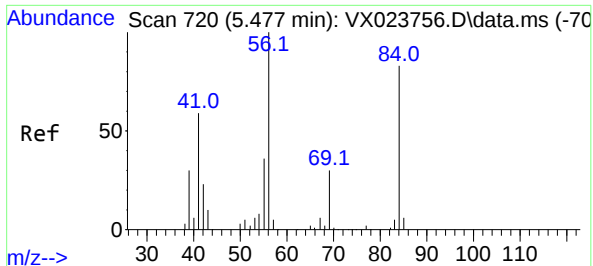
Tgt Ion: 83 Resp: 223743

Ion Ratio Lower Upper

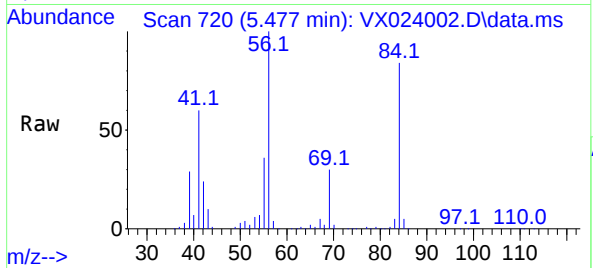
83 100

85 65.9 52.0 78.0

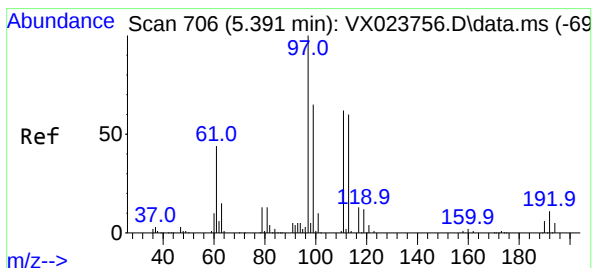
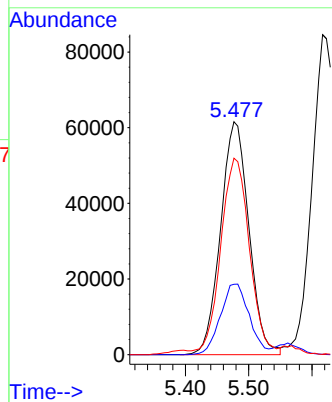
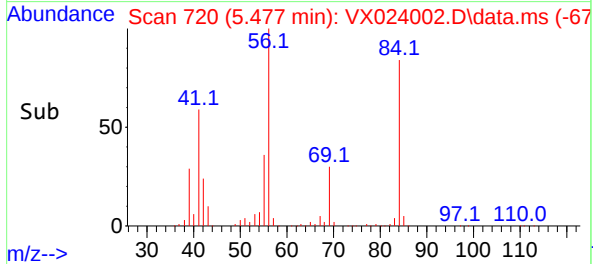




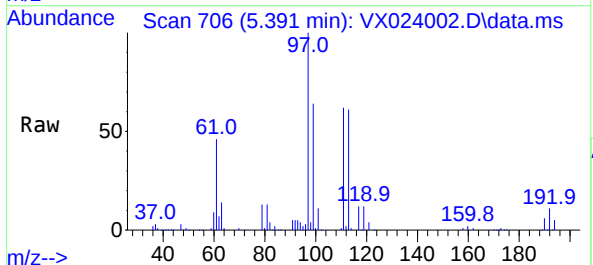
#31  
Cyclohexane  
Concen: 52.001 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



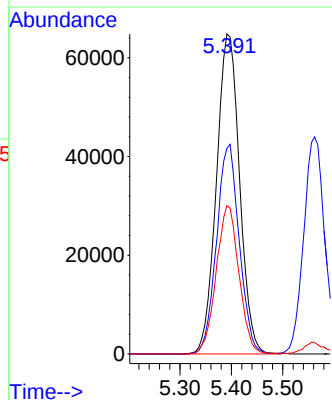
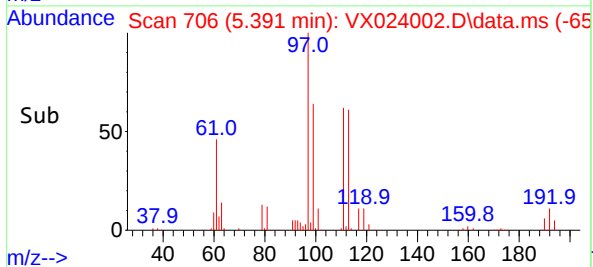
Tgt Ion: 56 Resp: 191375  
Ion Ratio Lower Upper  
56 100  
69 30.2 25.3 37.9  
84 82.4 71.4 107.0



#32  
1,1,1-Trichloroethane  
Concen: 55.560 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



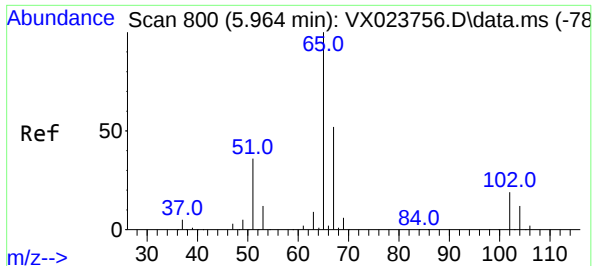
Tgt Ion: 97 Resp: 202687  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.5 77.3  
61 45.6 34.2 51.4



Instrument :  
MSVOA\_X  
ClientSampled :  
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#33

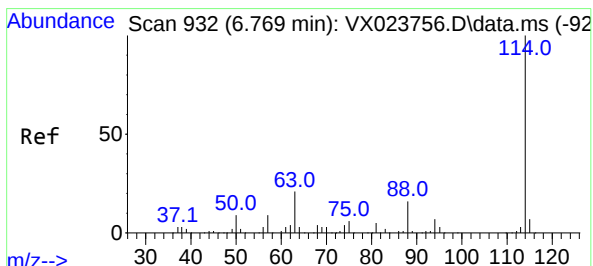
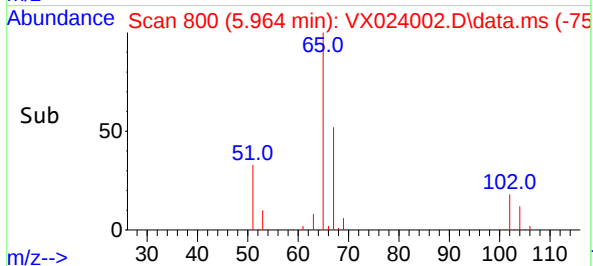
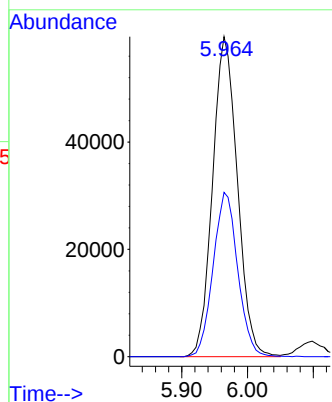
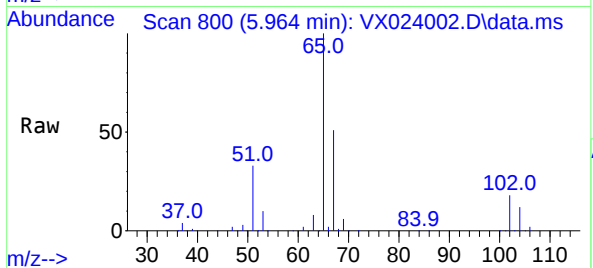
1,2-Dichloroethane-d4  
Concen: 54.632 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 65 Resp: 156495  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 105.4

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

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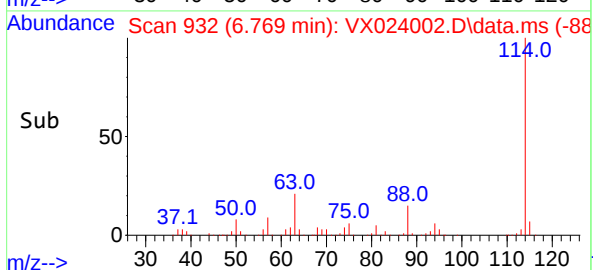
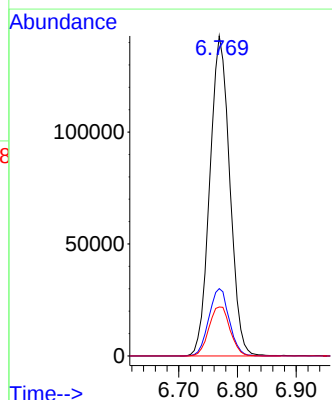
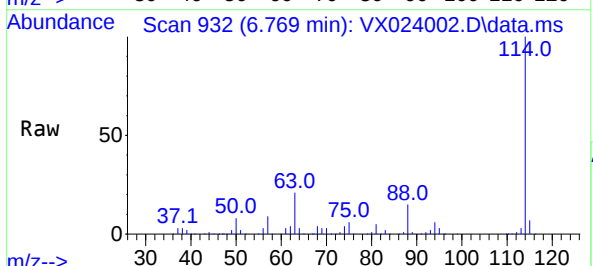
SAM  
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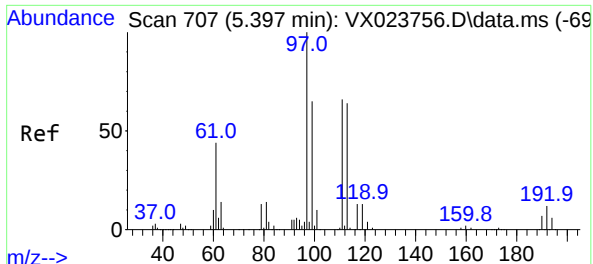


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 114 Resp: 336667  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 40.8  
88 15.3 0.0 32.8





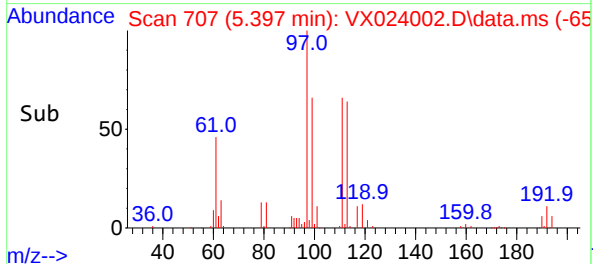
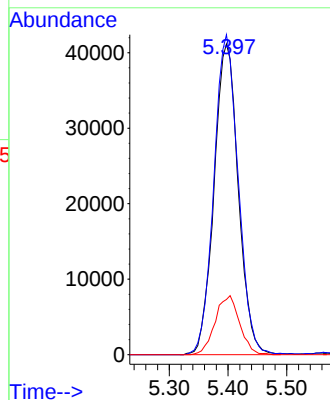
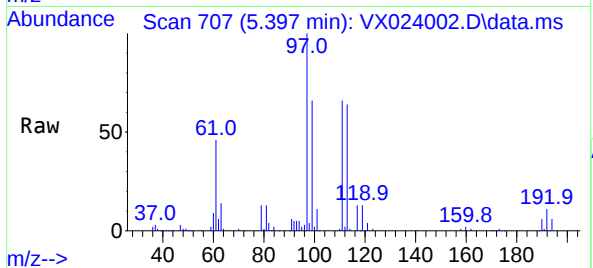
#35  
Dibromofluoromethane  
Concen: 52.964 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 113 Resp: 118021  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.9 122.9  
192 19.1 16.7 25.1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

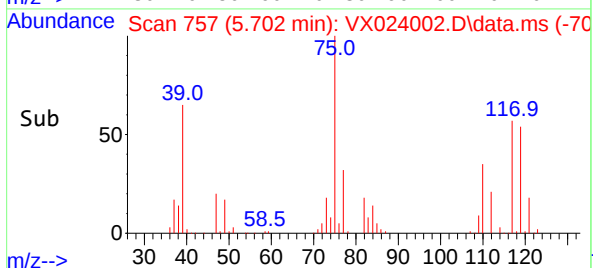
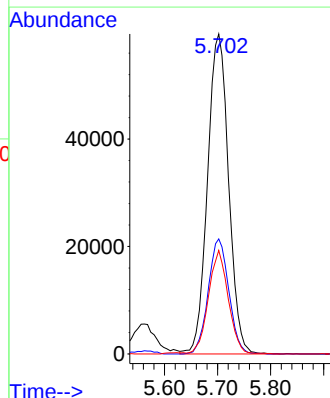
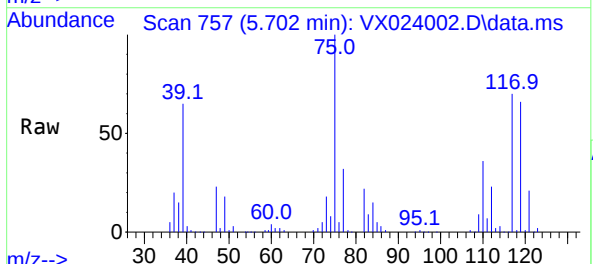
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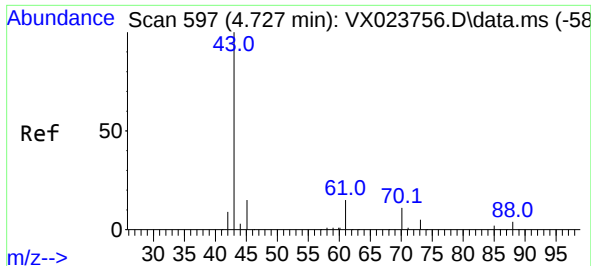
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#36  
1,1-Dichloropropene  
Concen: 52.681 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

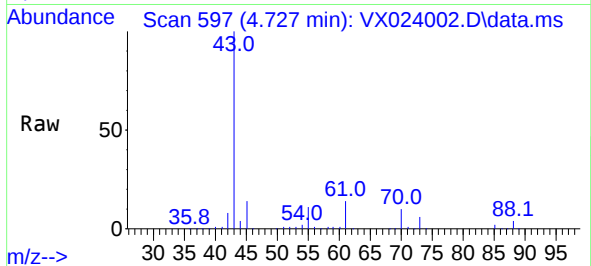
Tgt Ion: 75 Resp: 164247  
Ion Ratio Lower Upper  
75 100  
110 35.2 18.1 54.4  
77 30.6 25.3 37.9





#37  
Ethyl Acetate  
Concen: 54.111 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

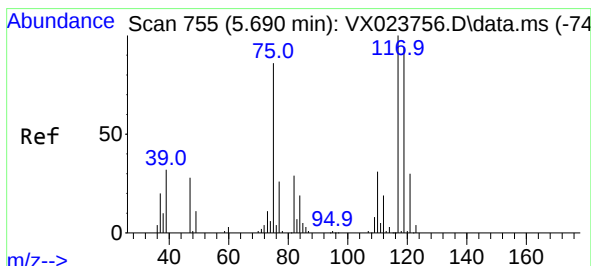
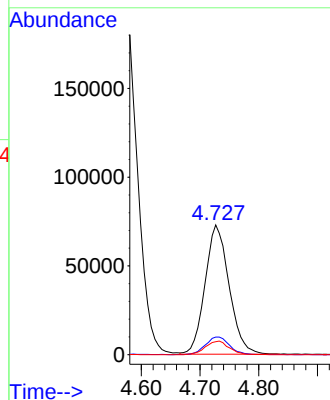
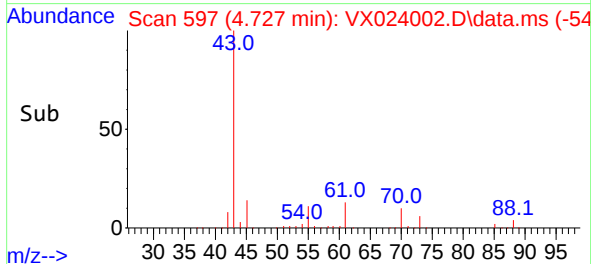
Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD



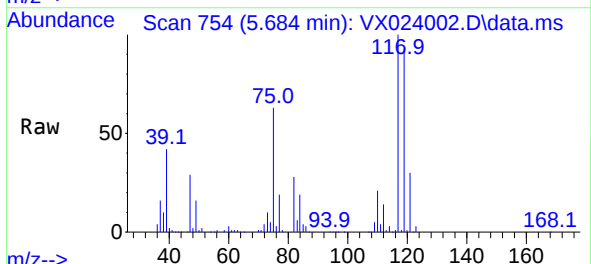
Tgt Ion: 43 Resp: 207380  
Ion Ratio Lower Upper  
43 100  
61 13.8 12.8 19.2  
70 10.4 10.5 15.7#

Manual Integrations  
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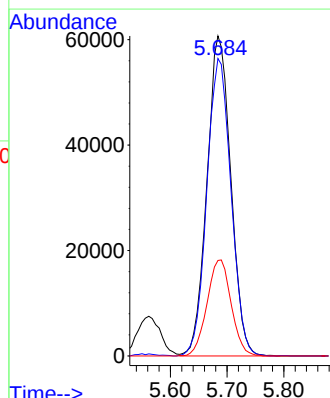
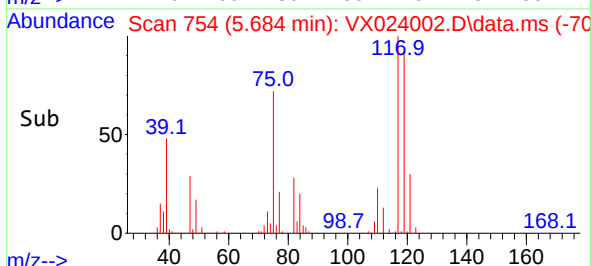
SAM  
8/30/2021 9:16:06 AM

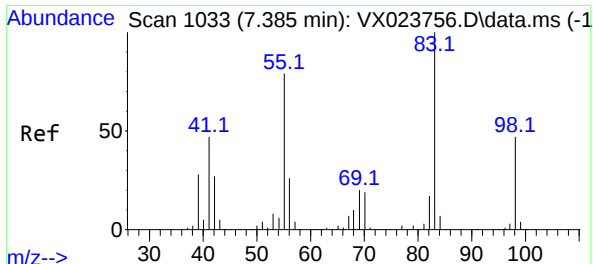


#38  
Carbon Tetrachloride  
Concen: 54.550 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion: 117 Resp: 177350  
Ion Ratio Lower Upper  
117 100  
119 92.9 76.2 114.2  
121 29.9 24.8 37.2





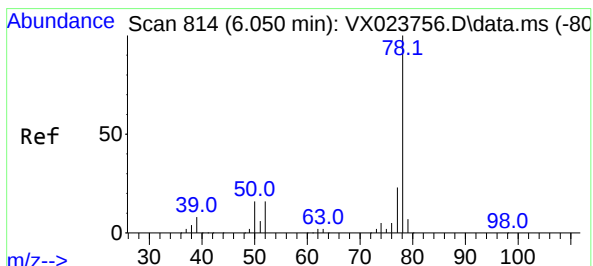
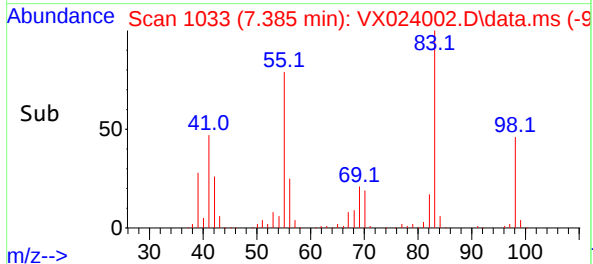
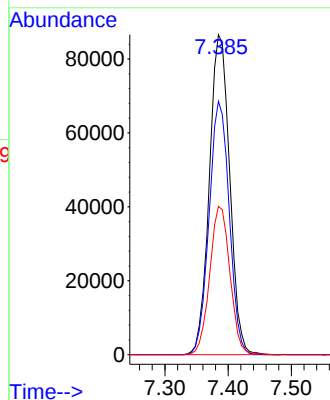
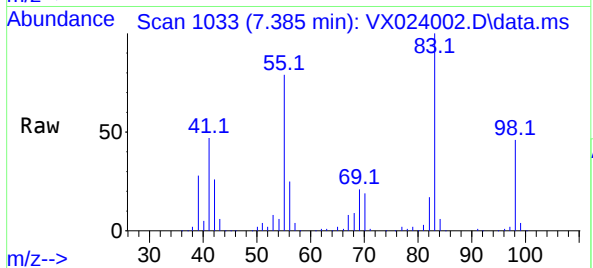
#39  
Methylcyclohexane  
Concen: 50.950 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 83 Resp: 193417  
Ion Ratio Lower Upper  
83 100  
55 79.2 58.9 88.3  
98 46.4 38.1 57.1

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

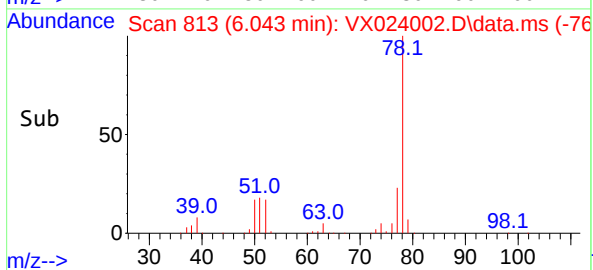
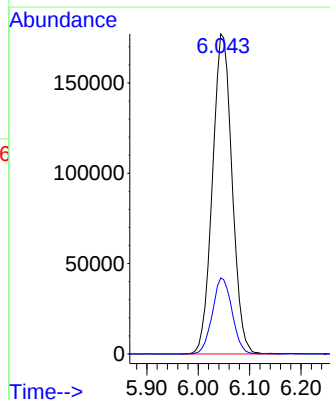
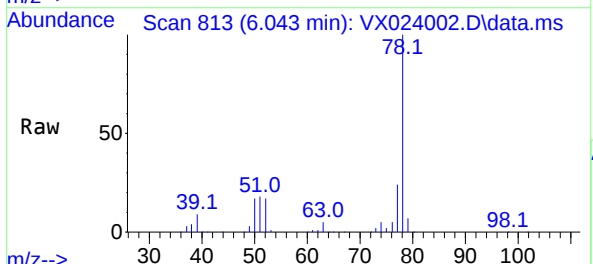
Manual Integrations  
APPROVED

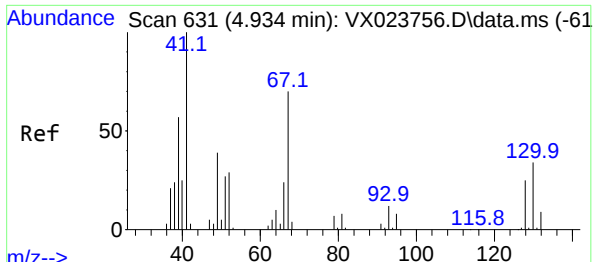
SAM  
8/30/2021 9:16:06 AM



#40  
Benzene  
Concen: 50.911 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. -0.007 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 78 Resp: 469355  
Ion Ratio Lower Upper  
78 100  
77 23.7 18.9 28.3





#41  
Methacrylonitrile  
Concen: 53.526 ug/l  
RT: 4.934 min Scan# 631  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

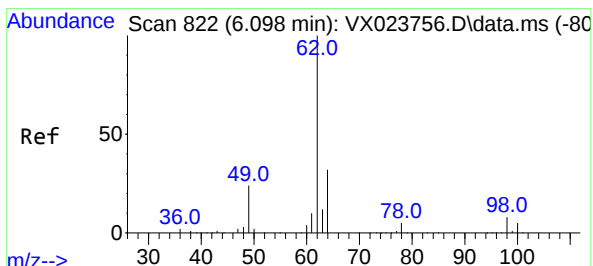
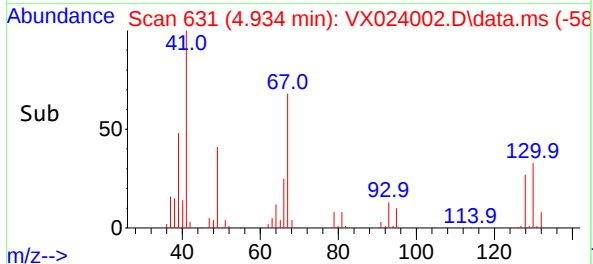
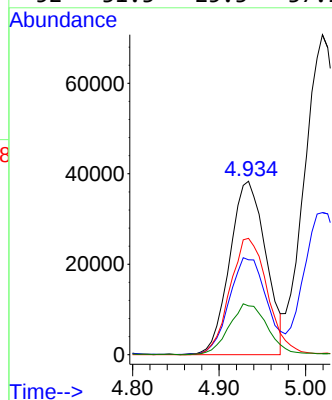
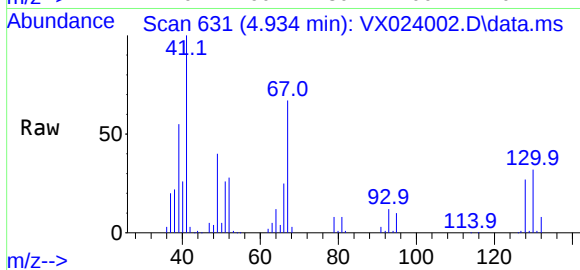
Tgt Ion: 41 Resp: 111206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 58.6  | 42.5  | 63.7  |
| 67  | 70.1  | 65.0  | 97.6  |
| 52  | 31.3  | 25.3  | 37.9  |

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

Manual Integrations  
APPROVED

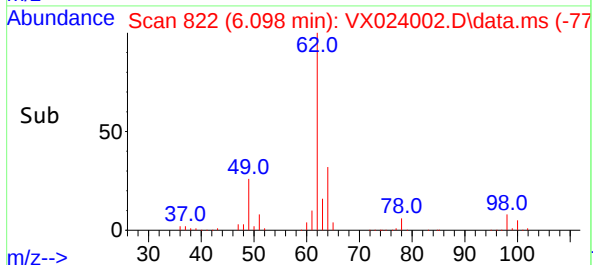
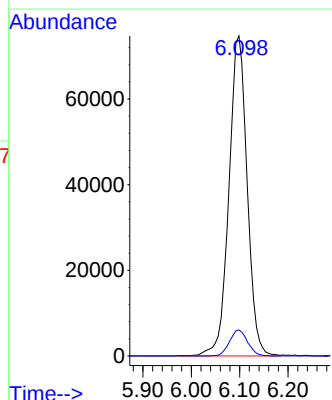
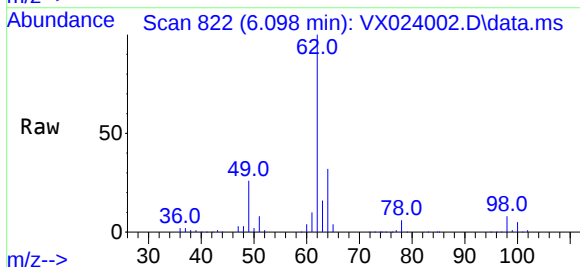
SAM  
8/30/2021 9:16:06 AM

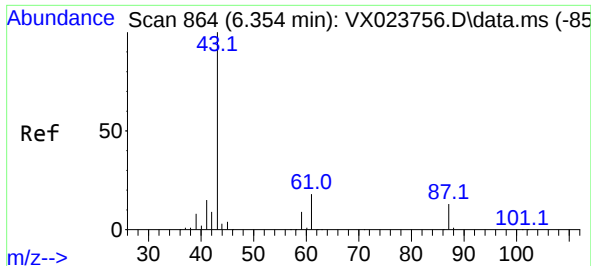


#42  
1,2-Dichloroethane  
Concen: 54.040 ug/l  
RT: 6.098 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 62 Resp: 195805

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.0   | 0.0   | 20.2  |





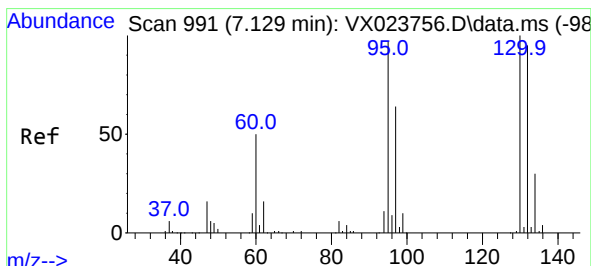
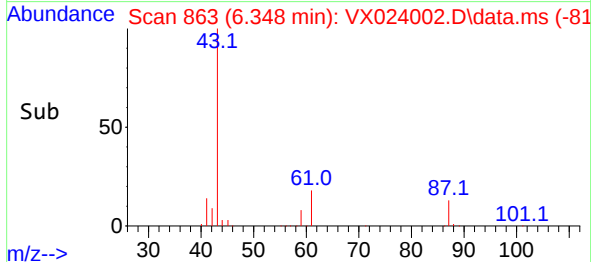
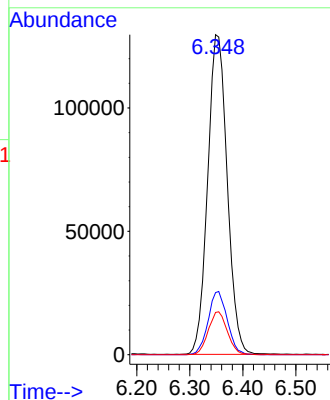
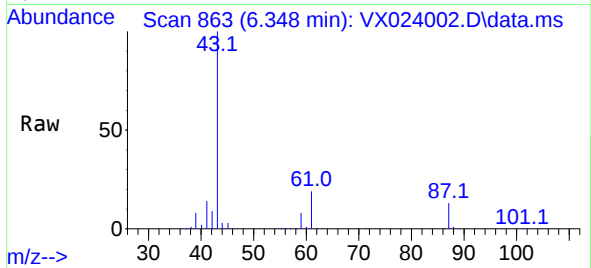
#43  
Isopropyl Acetate  
Concen: 55.397 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 43 Resp: 332086  
Ion Ratio Lower Upper  
43 100  
61 19.3 18.2 27.4  
87 13.0 12.5 18.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

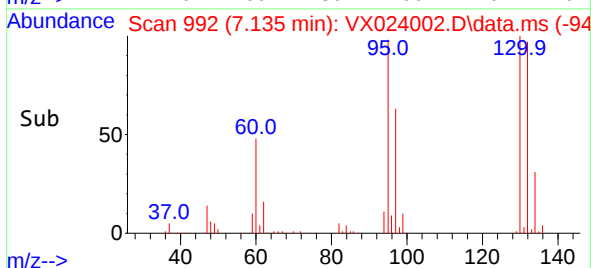
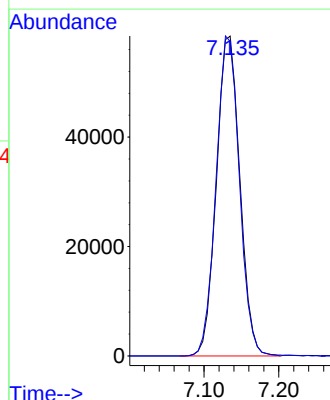
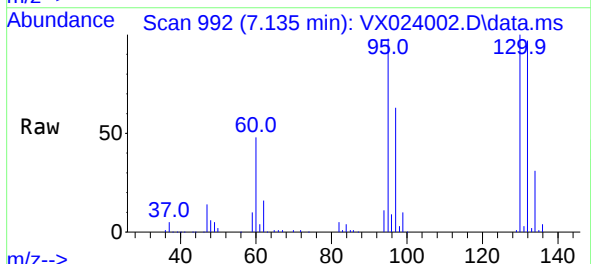
Manual Integrations  
APPROVED

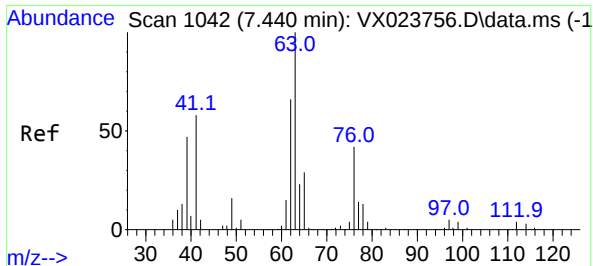
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#44  
Trichloroethene  
Concen: 50.011 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:130 Resp: 127364  
Ion Ratio Lower Upper  
130 100  
95 98.4 0.0 198.0





#45

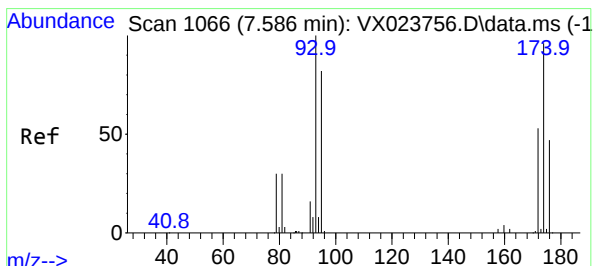
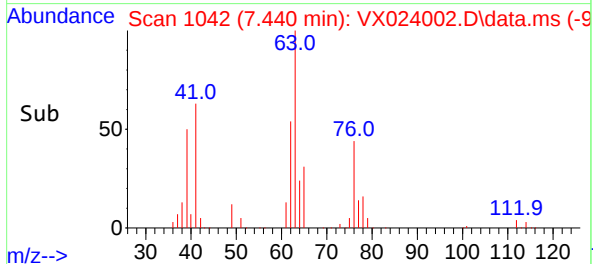
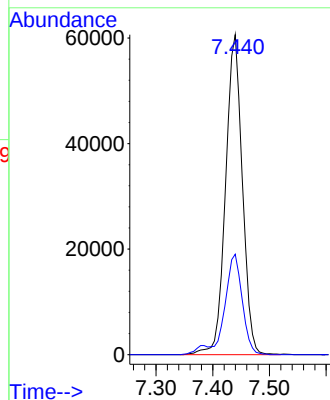
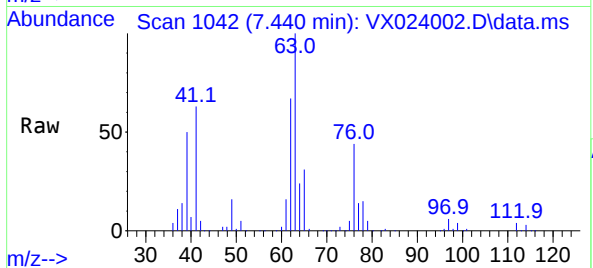
1,2-Dichloropropane  
Concen: 50.848 ug/l  
RT: 7.440 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 63 Resp: 124480  
Ion Ratio Lower Upper  
63 100  
65 31.4 25.7 38.5

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

Manual Integrations  
APPROVED

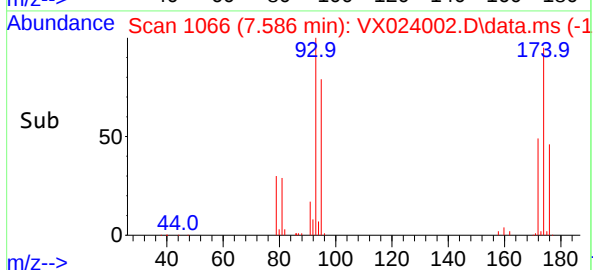
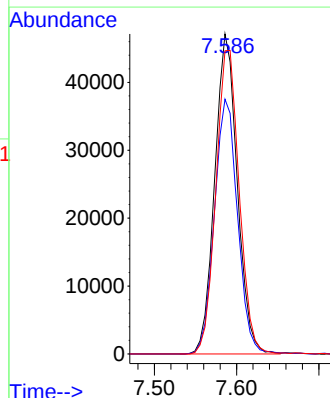
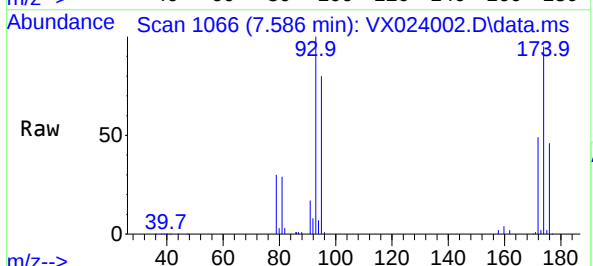
SAM  
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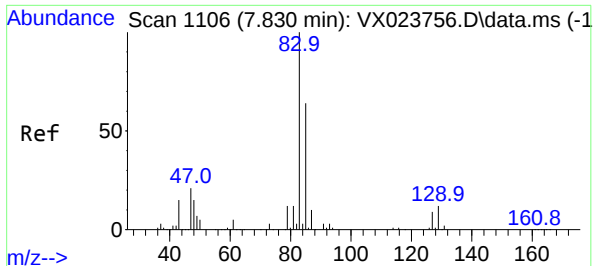


#46

Dibromomethane  
Concen: 52.698 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 93 Resp: 89778  
Ion Ratio Lower Upper  
93 100  
95 82.0 66.8 100.2  
174 98.3 83.1 124.7





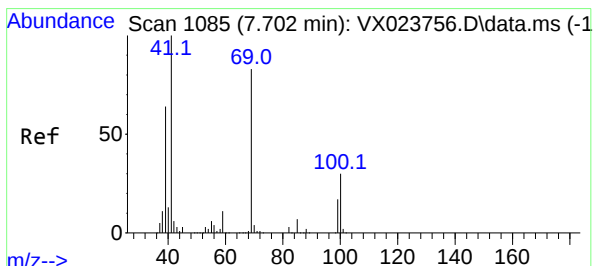
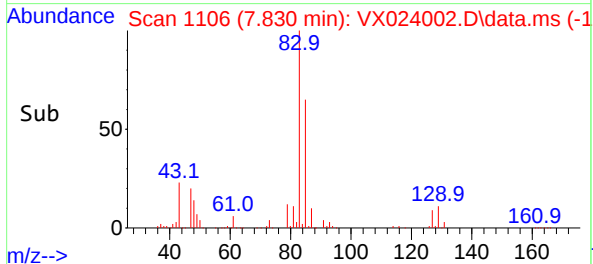
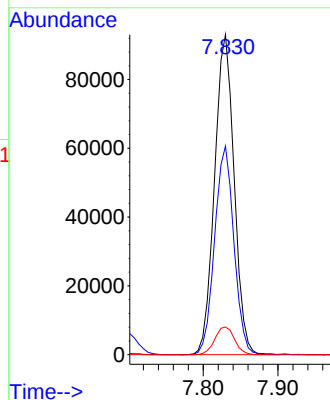
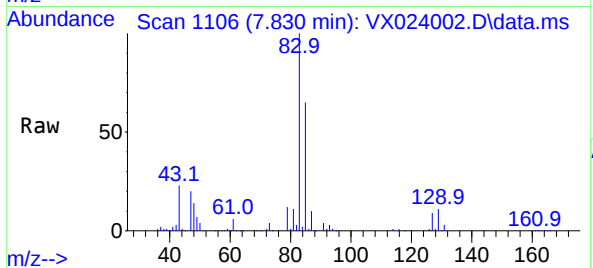
#47  
Bromodichloromethane  
Concen: 54.958 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 83 Resp: 169377  
Ion Ratio Lower Upper  
83 100  
85 65.2 51.4 77.0  
127 8.6 6.8 10.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

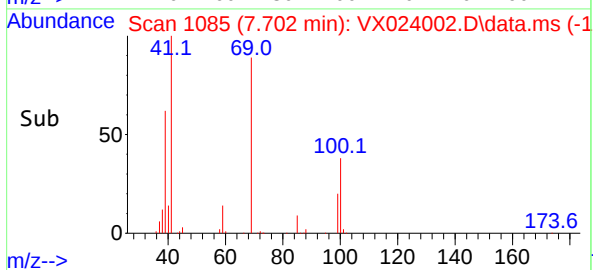
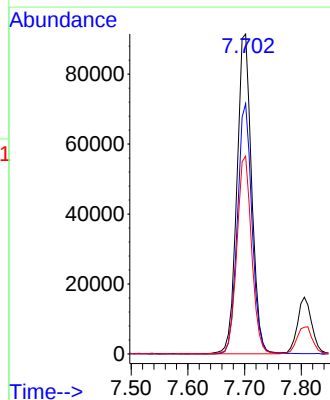
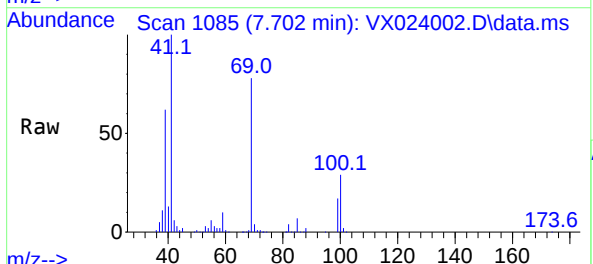
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#48  
Methyl methacrylate  
Concen: 56.562 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 41 Resp: 165408  
Ion Ratio Lower Upper  
41 100  
69 77.3 76.0 114.0  
39 62.1 44.6 67.0





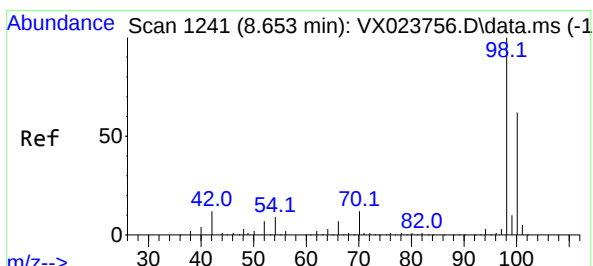
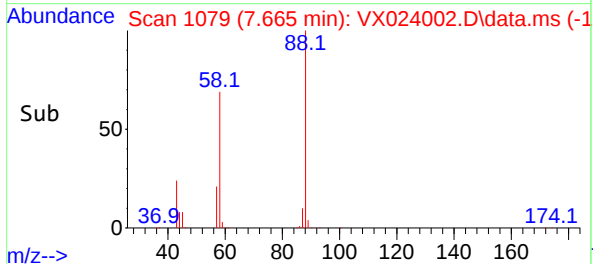
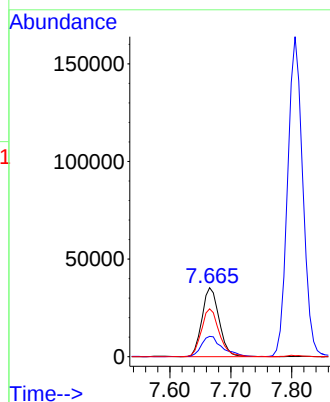
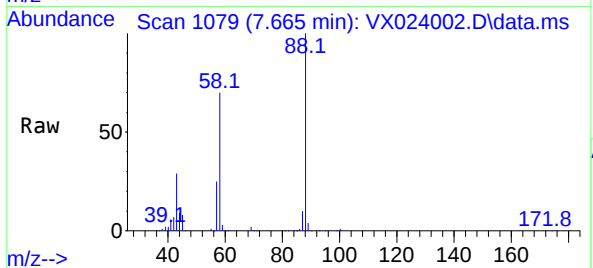
#49  
1,4-Dioxane  
Concen: 1116.980 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 88 Resp: 69035  
Ion Ratio Lower Upper  
88 100  
43 35.5 23.2 34.8#  
58 72.3 55.0 82.4

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

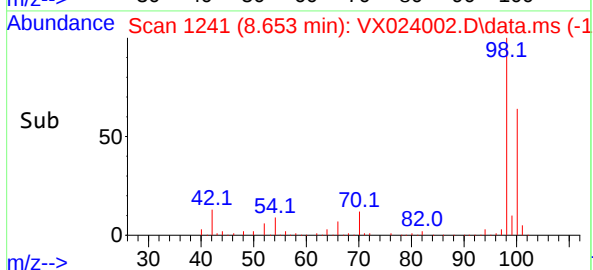
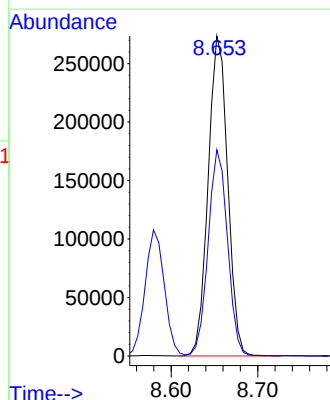
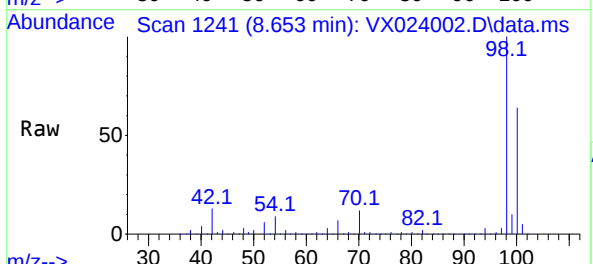
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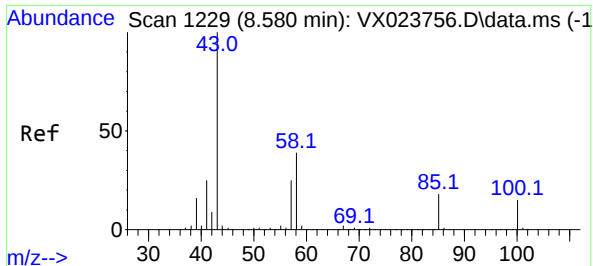
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#50  
Toluene-d8  
Concen: 50.527 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 98 Resp: 428523  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.9 77.9





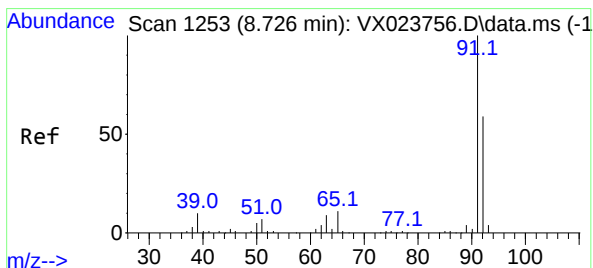
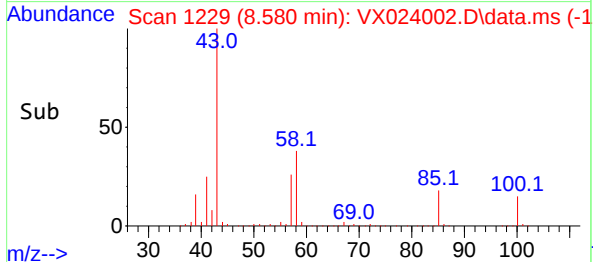
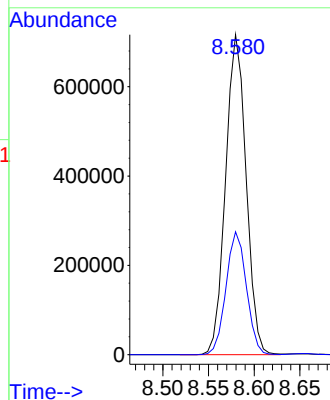
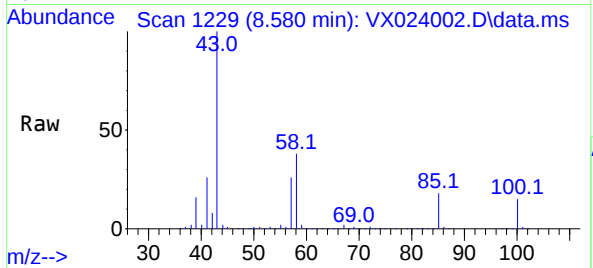
#51  
4-Methyl-2-Pentanone  
Concen: 288.965 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 43 Resp: 1119754  
Ion Ratio Lower Upper  
43 100  
58 38.2 35.4 53.0

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

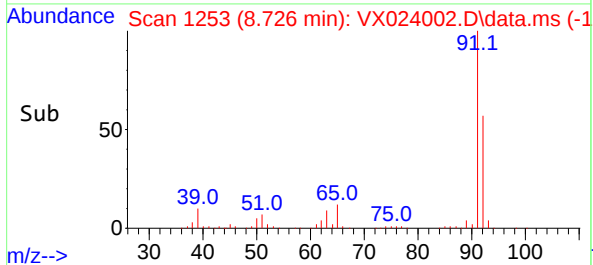
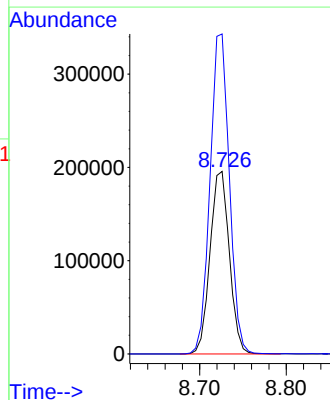
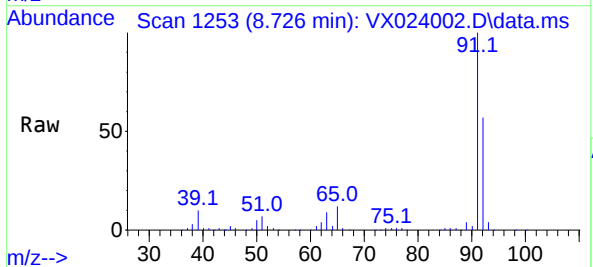
Manual Integrations  
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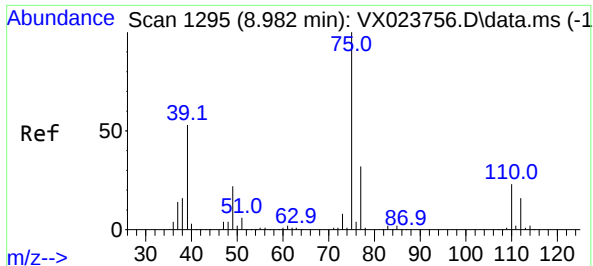
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#52  
Toluene  
Concen: 50.815 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 92 Resp: 303565  
Ion Ratio Lower Upper  
92 100  
91 175.0 137.1 205.7





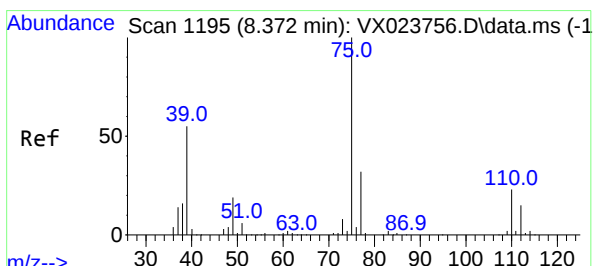
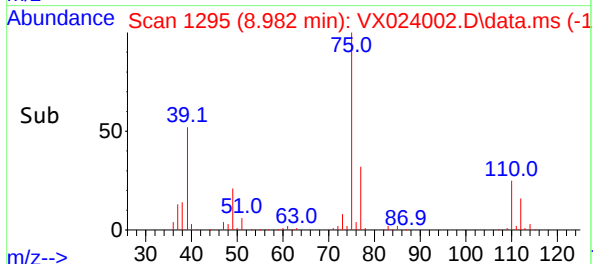
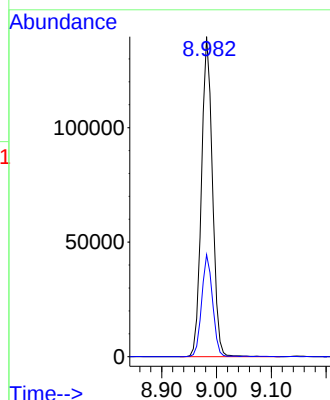
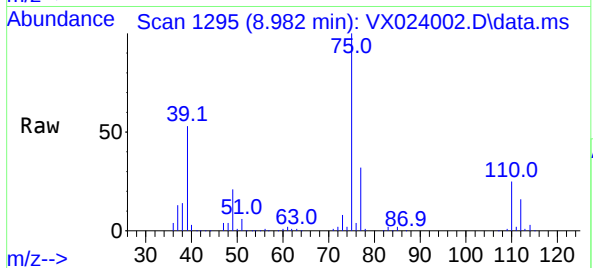
#53  
t-1,3-Dichloropropene  
Concen: 49.019 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 75 Resp: 194966  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.9 37.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

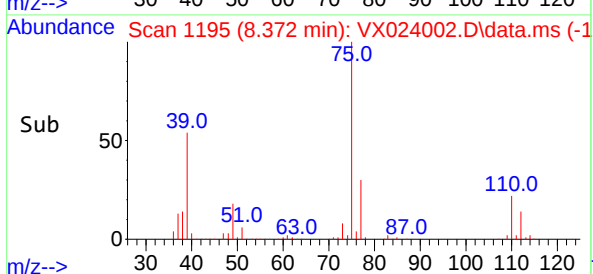
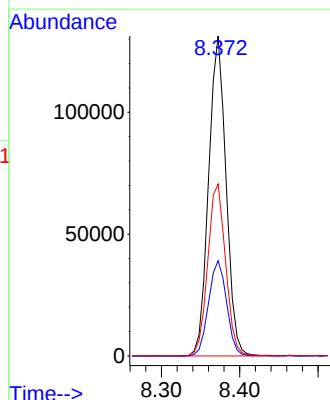
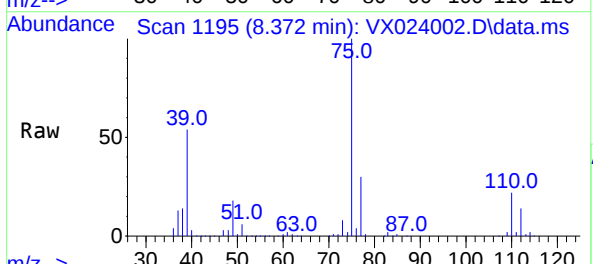
Manual Integrations  
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#54  
cis-1,3-Dichloropropene  
Concen: 54.272 ug/l  
RT: 8.372 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 75 Resp: 202676  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.7 38.5  
39 53.7 35.1 52.7#





#55  
1,1,2-Trichloroethane  
Concen: 52.238 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

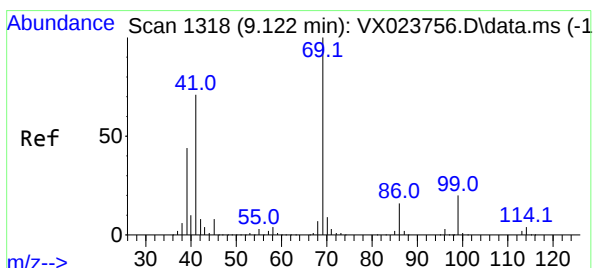
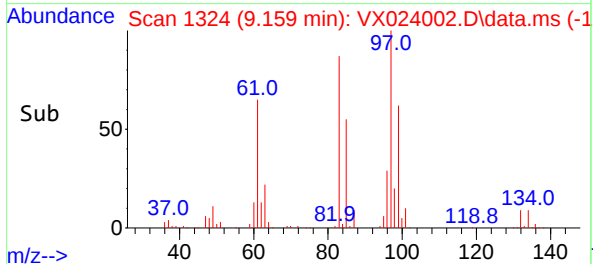
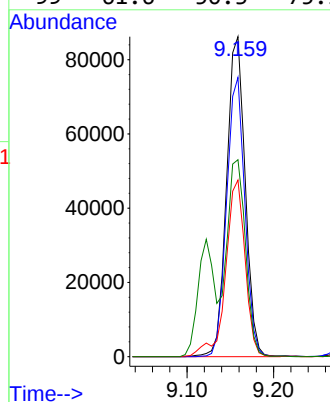
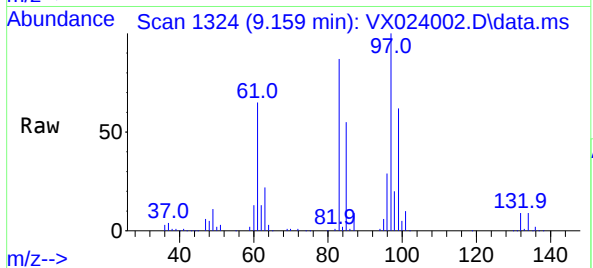
Tgt Ion: 97 Resp: 128476

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.2  | 69.3  | 103.9 |
| 85  | 55.2  | 44.3  | 66.5  |
| 99  | 61.6  | 50.3  | 75.5  |

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

Manual Integrations  
APPROVED

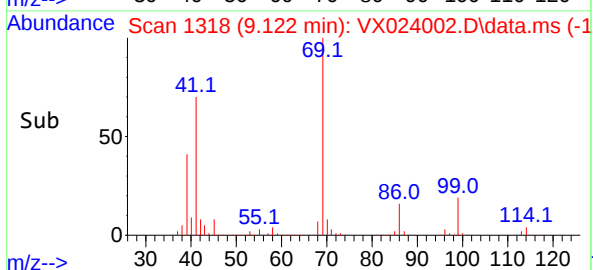
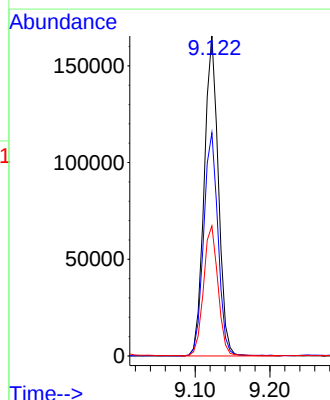
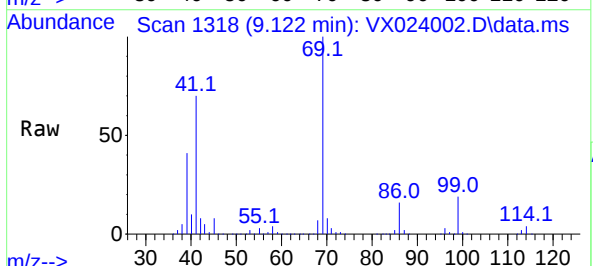
SAM  
8/30/2021 9:16:06 AM

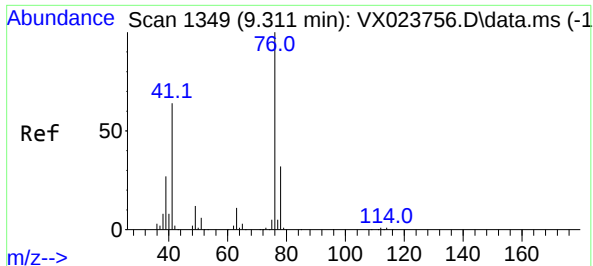


#56  
Ethyl methacrylate  
Concen: 51.699 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 69 Resp: 217373

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 70.6  | 46.8  | 70.2# |
| 39  | 41.3  | 24.7  | 37.1# |





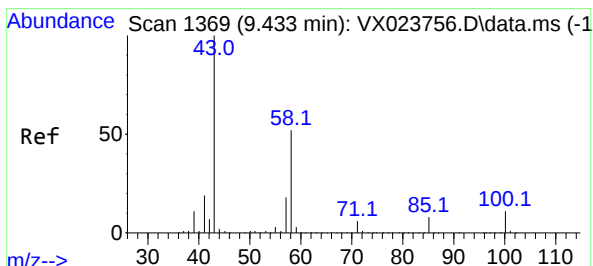
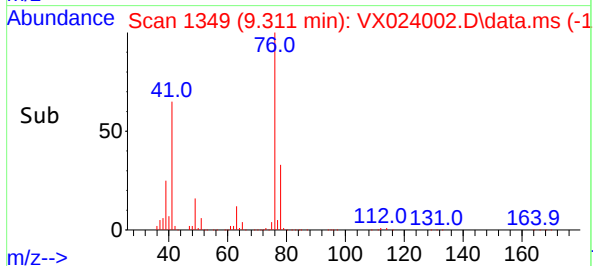
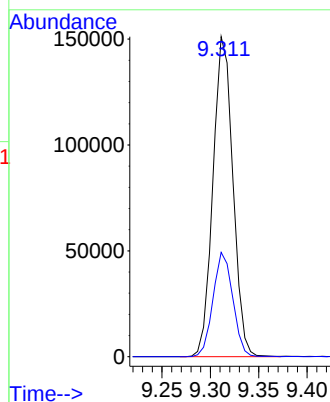
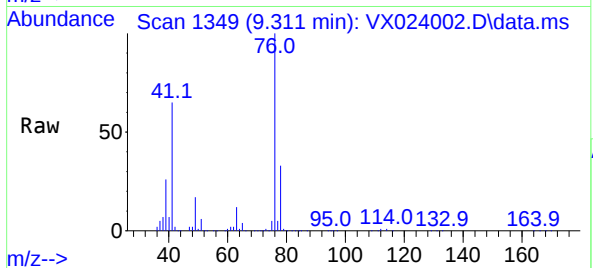
#57  
1,3-Dichloropropane  
Concen: 53.121 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 76 Resp: 216693  
Ion Ratio Lower Upper  
76 100  
78 32.3 26.2 39.2

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

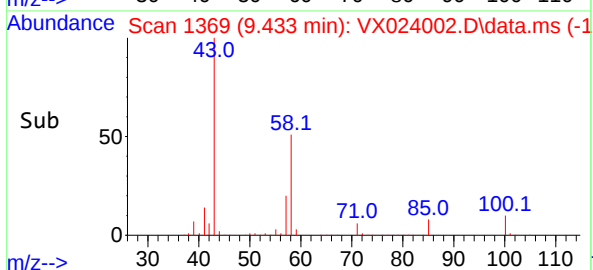
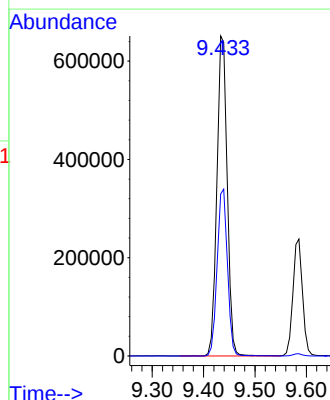
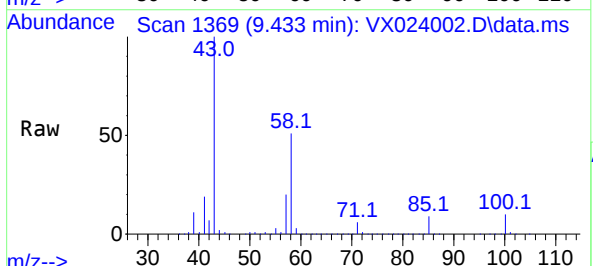
Manual Integrations  
APPROVED

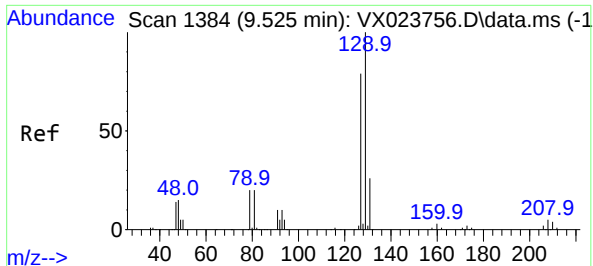
SAM  
8/30/2021 9:16:06 AM



#59  
2-Hexanone  
Concen: 303.844 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 43 Resp: 905049  
Ion Ratio Lower Upper  
43 100  
58 52.1 30.9 92.8





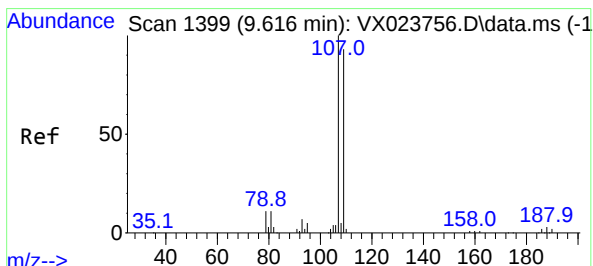
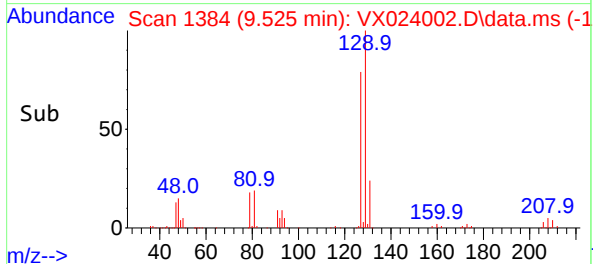
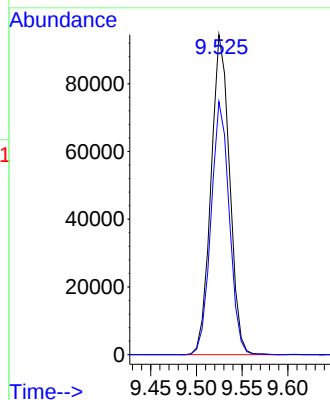
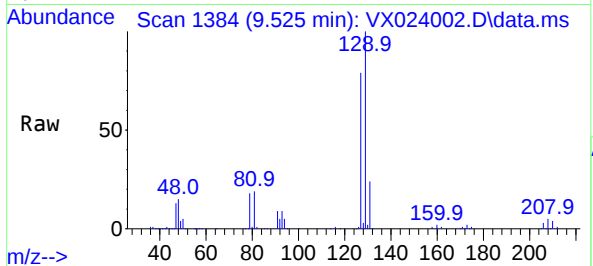
#60  
Dibromochloromethane  
Concen: 49.119 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:129 Resp: 133336  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.4 115.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

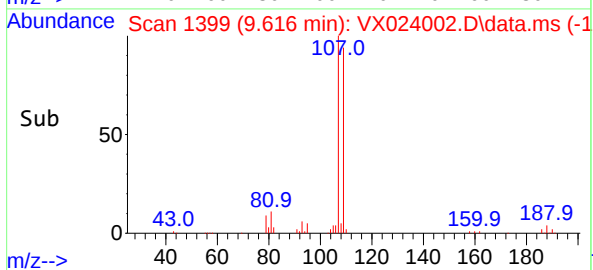
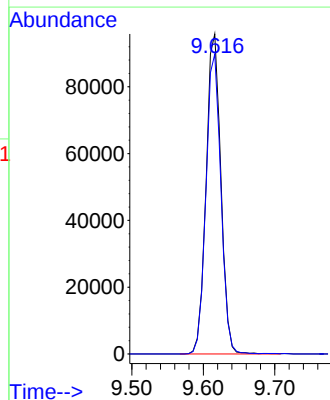
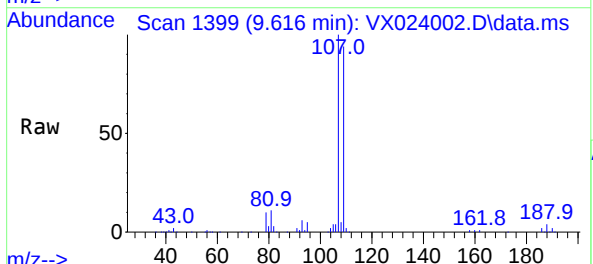
Manual Integrations  
APPROVED

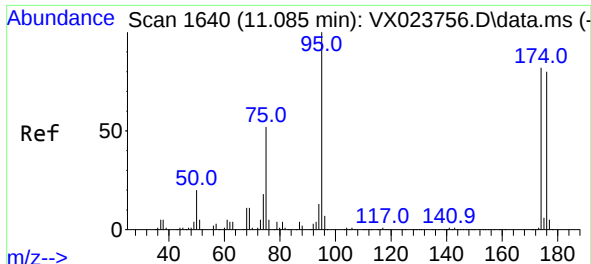
SAM  
8/30/2021 9:16:06 AM



#61  
1,2-Dibromoethane  
Concen: 52.908 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

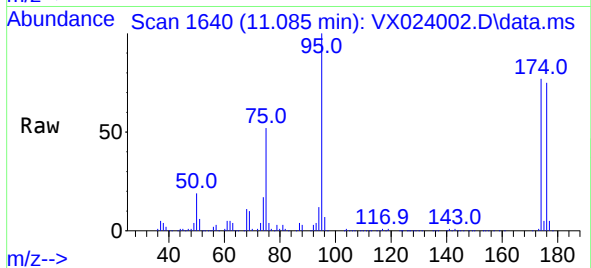
Tgt Ion:107 Resp: 137466  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.8 113.6





#62  
4-Bromofluorobenzene  
Concen: 56.625 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

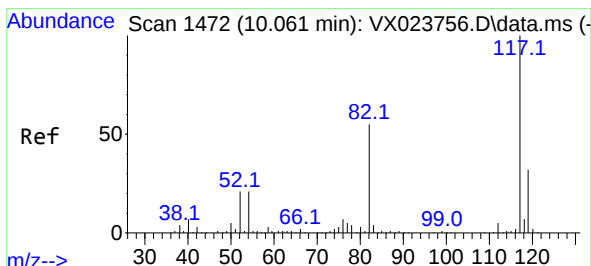
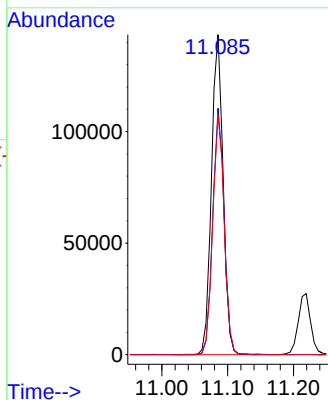
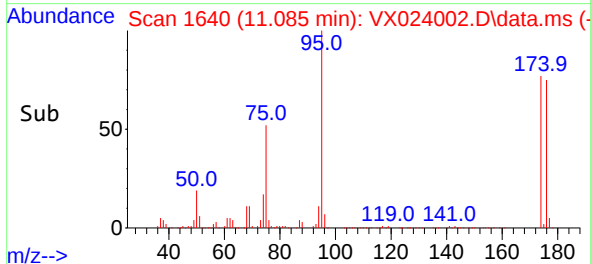
Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD



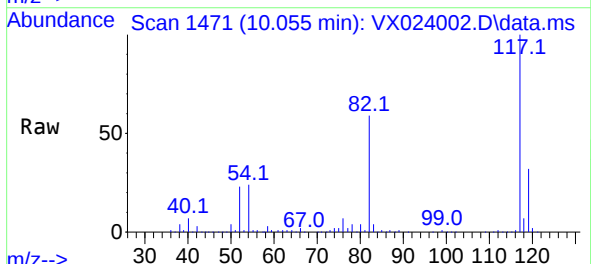
Tgt Ion: 95 Resp: 176789  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 154.6  
176 73.5 0.0 155.8

Manual Integrations  
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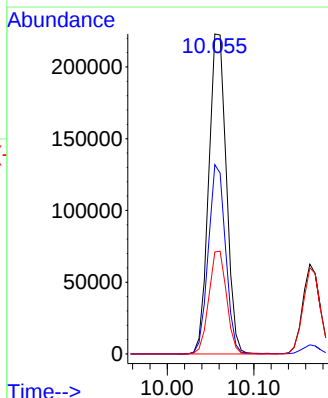
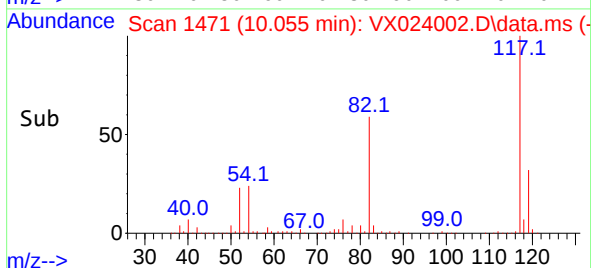
SAM  
8/30/2021 9:16:06 AM

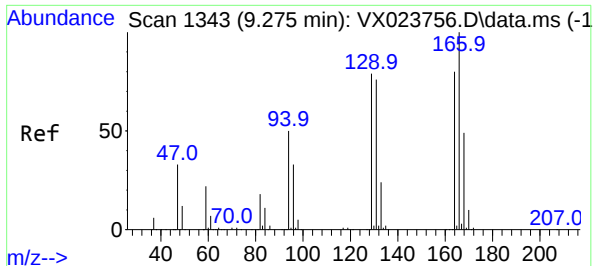


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

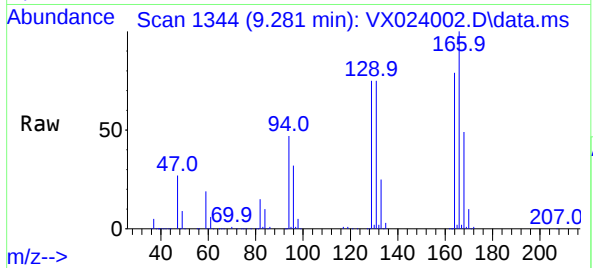


Tgt Ion: 117 Resp: 315399  
Ion Ratio Lower Upper  
117 100  
82 59.2 47.4 71.2  
119 31.9 26.6 39.8

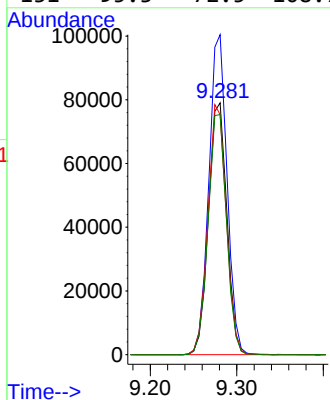




#64  
Tetrachloroethene  
Concen: 46.303 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



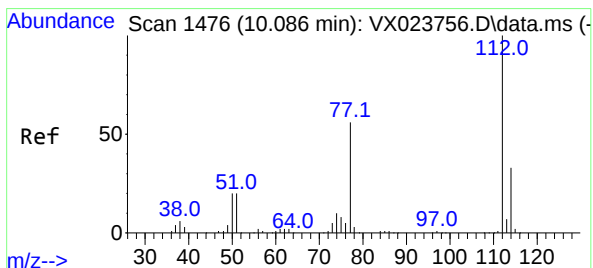
Tgt Ion:164 Resp: 116644  
Ion Ratio Lower Upper  
164 100  
166 127.0 103.4 155.2  
129 95.3 70.8 106.2  
131 95.3 72.5 108.7



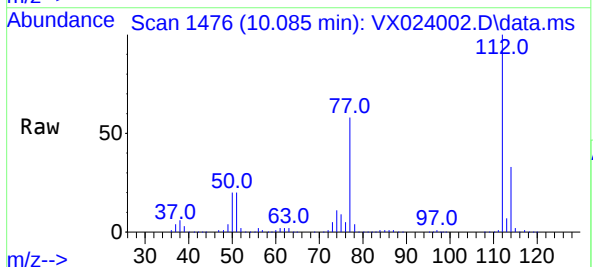
Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

Manual Integrations  
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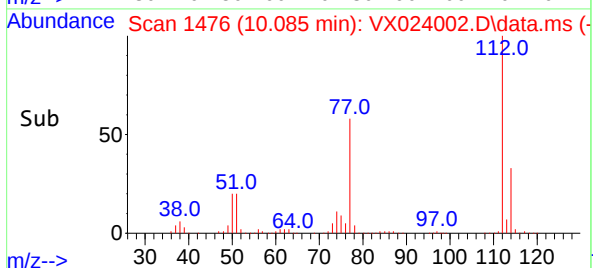
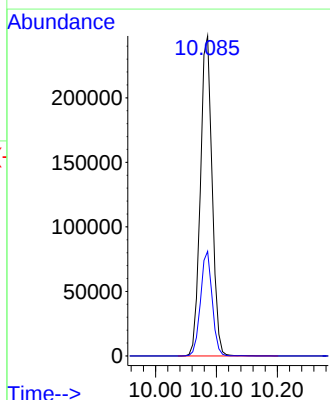
SAM  
8/30/2021 9:16:06 AM

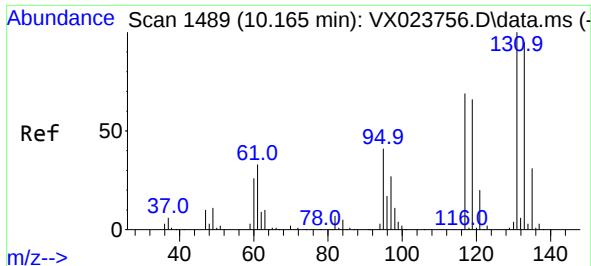


#65  
Chlorobenzene  
Concen: 50.470 ug/l  
RT: 10.085 min Scan# 1476  
Delta R.T. -0.001 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



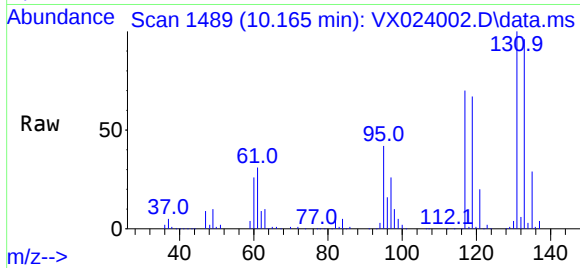
Tgt Ion:112 Resp: 332169  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.8 38.6





#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.488 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

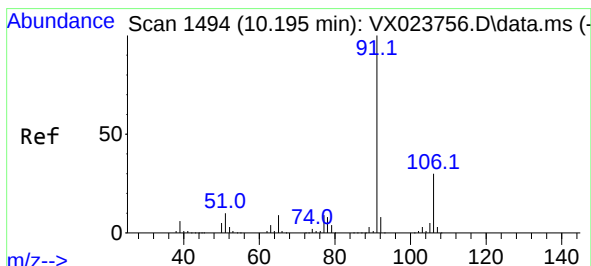
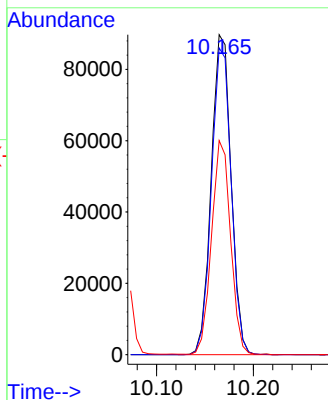
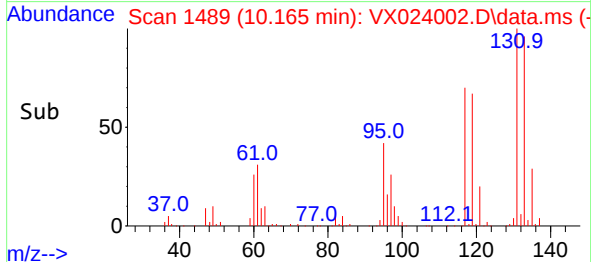
Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD



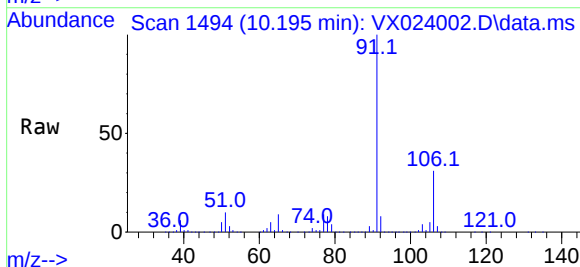
Tgt Ion:131 Resp: 127637  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.7 143.1  
119 64.3 32.1 96.5

Manual Integrations  
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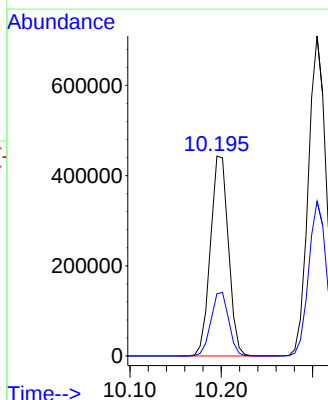
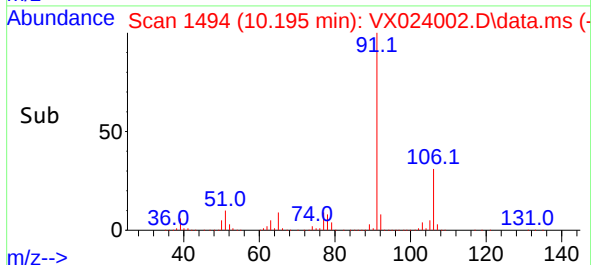
SAM  
8/30/2021 9:16:06 AM

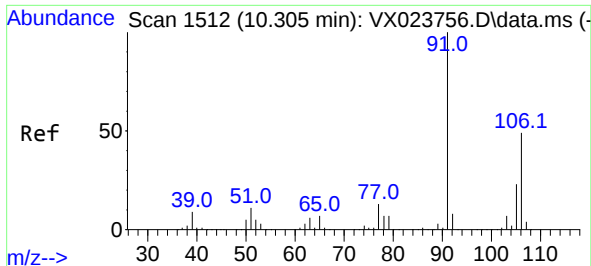


#67  
Ethyl Benzene  
Concen: 52.614 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion: 91 Resp: 604697  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.6 37.0





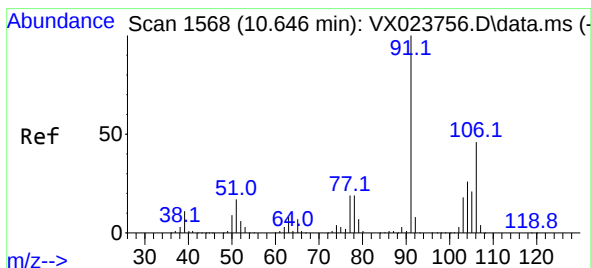
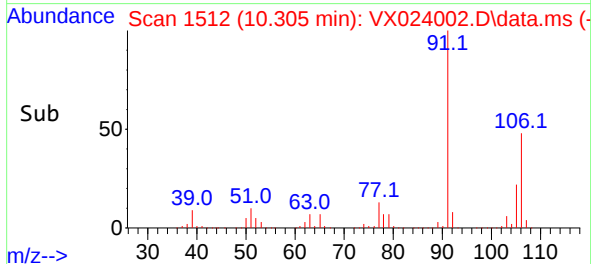
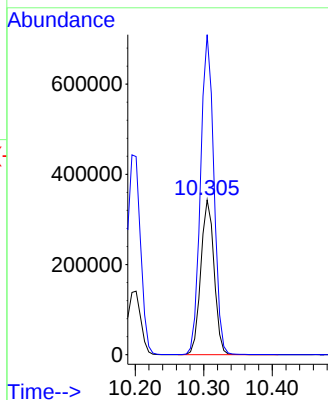
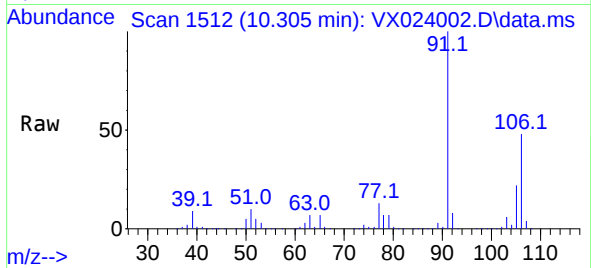
#68  
m/p-Xylenes  
Concen: 105.997 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:106 Resp: 464013  
Ion Ratio Lower Upper  
106 100  
91 207.5 162.8 244.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

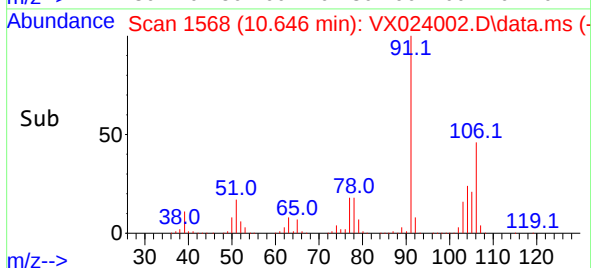
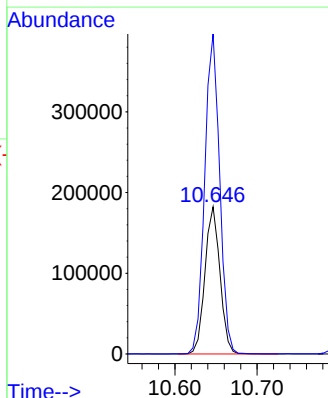
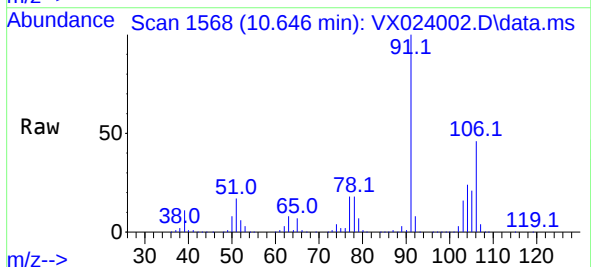
Manual Integrations  
APPROVED

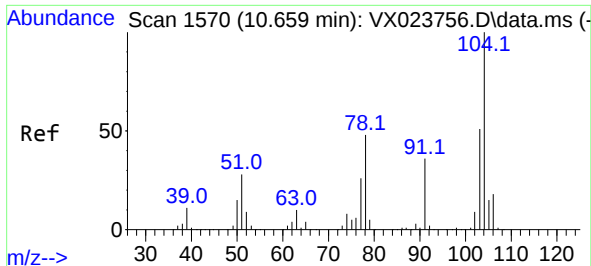
SAM  
8/30/2021 9:16:06 AM



#69  
o-Xylene  
Concen: 53.637 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:106 Resp: 230740  
Ion Ratio Lower Upper  
106 100  
91 217.3 108.1 324.2





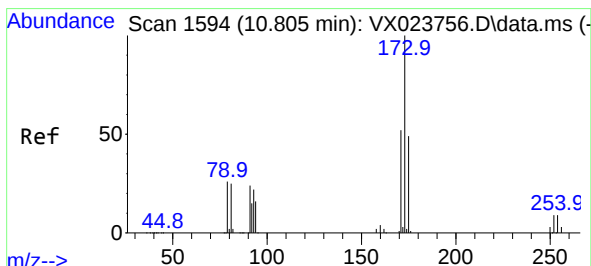
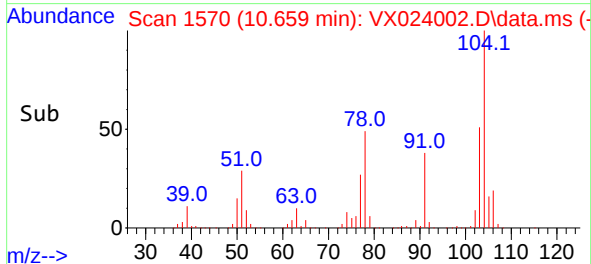
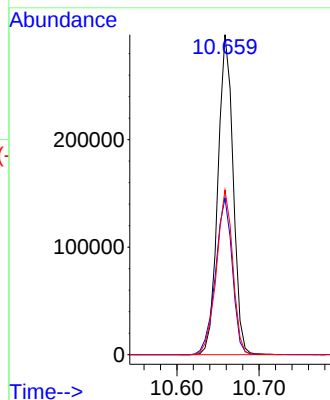
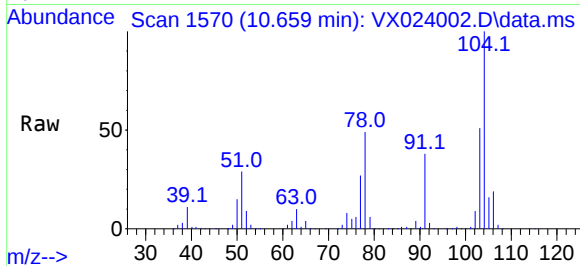
#70  
Styrene  
Concen: 54.806 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.001 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:104 Resp: 384101  
Ion Ratio Lower Upper  
104 100  
78 54.0 40.0 60.0  
103 55.0 43.4 65.0

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

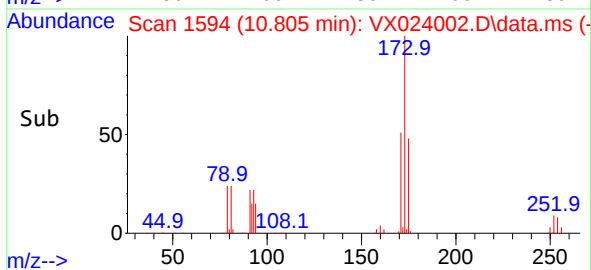
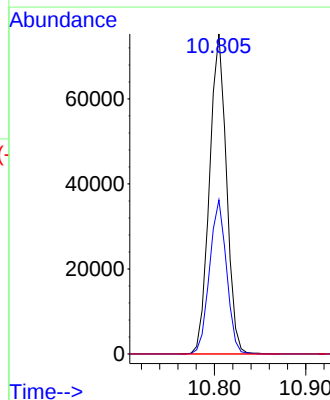
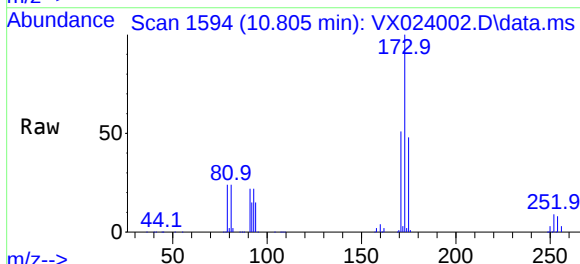
Manual Integrations  
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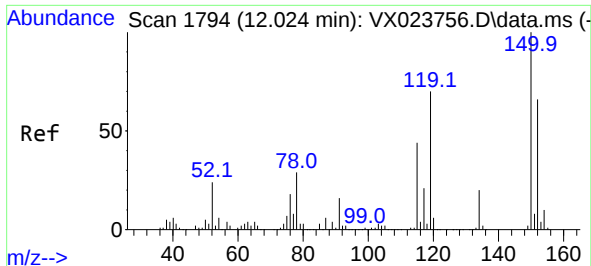
SAM  
8/30/2021 9:16:06 AM



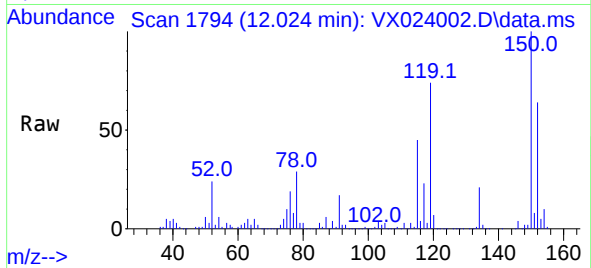
#71  
Bromoform  
Concen: 50.808 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:173 Resp: 96771  
Ion Ratio Lower Upper  
173 100  
175 48.2 23.9 71.8  
254 0.0 0.1 0.1#

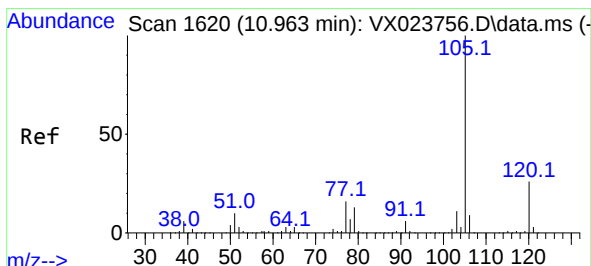
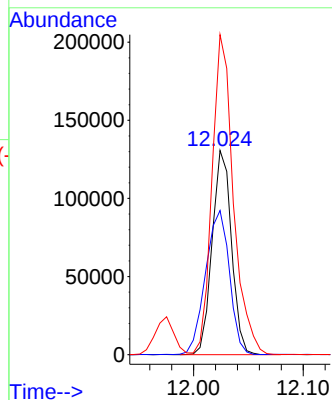
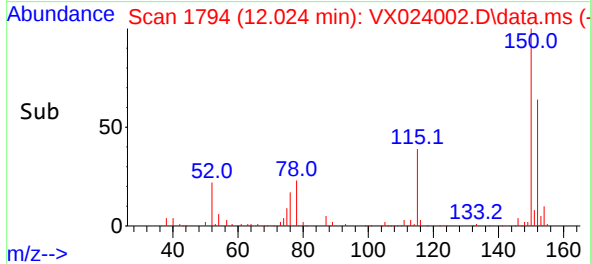




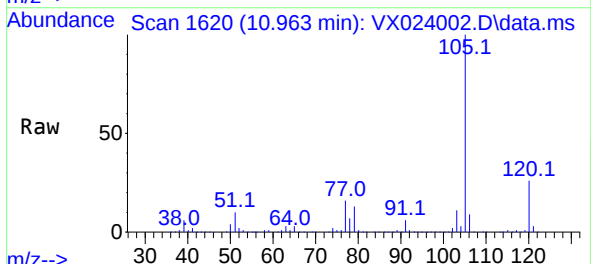
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



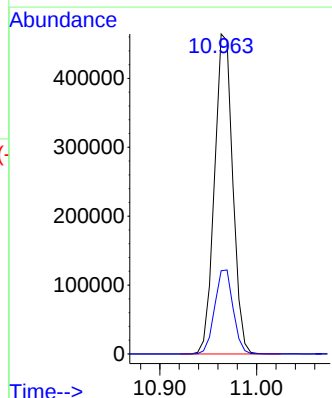
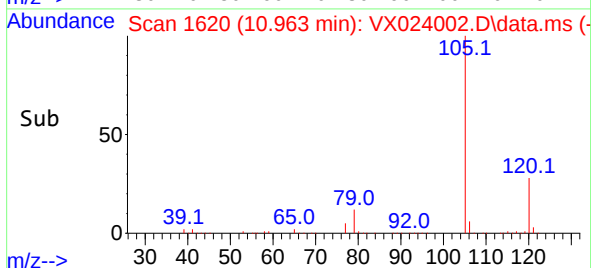
Tgt Ion:152 Resp: 160186  
Ion Ratio Lower Upper  
152 100  
115 87.4 41.1 123.3  
150 172.5 0.0 349.0



#73  
Isopropylbenzene  
Concen: 49.779 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



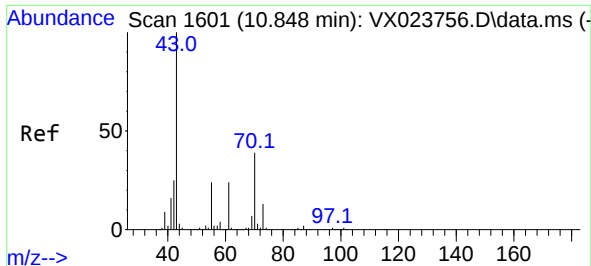
Tgt Ion:105 Resp: 608213  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.6



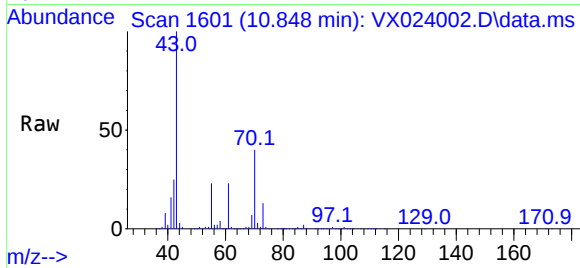
Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

Manual Integrations  
APPROVED

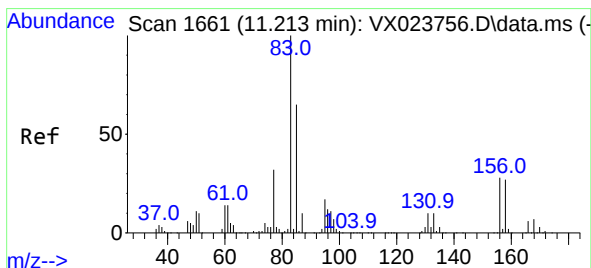
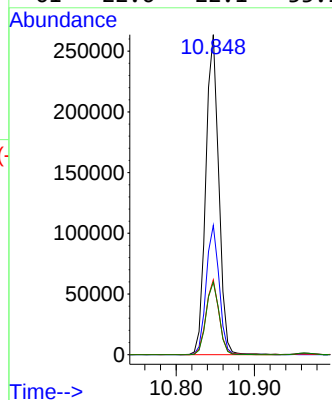
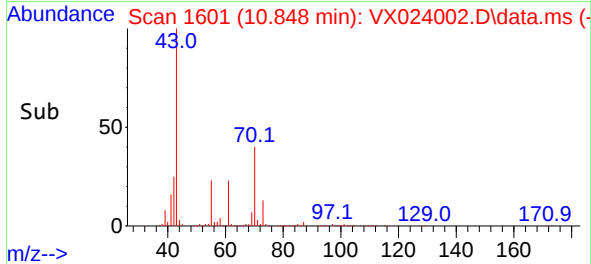
SAM  
8/30/2021 9:16:06 AM



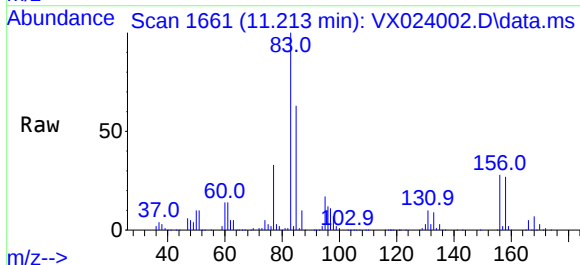
#74  
N-amy1 acetate  
Concen: 54.858 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. -0.001 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



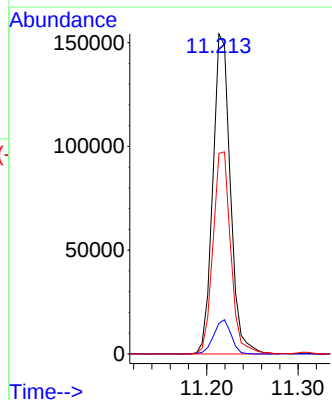
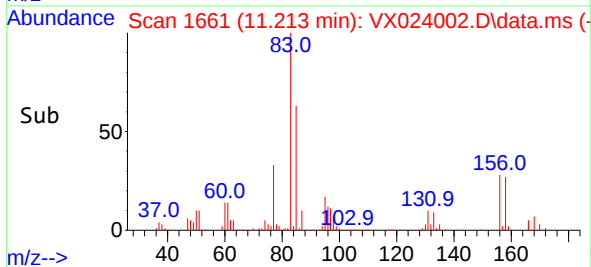
Tgt Ion: 43 Resp: 302906  
Ion Ratio Lower Upper  
43 100  
70 40.3 39.0 58.6  
55 23.2 21.5 32.3  
61 22.6 22.1 33.1



#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.093 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



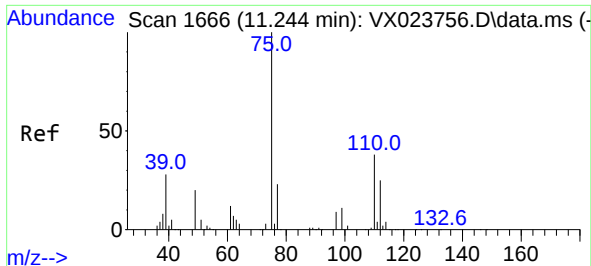
Tgt Ion: 83 Resp: 204590  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.1 15.2  
85 64.1 31.8 95.4



Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

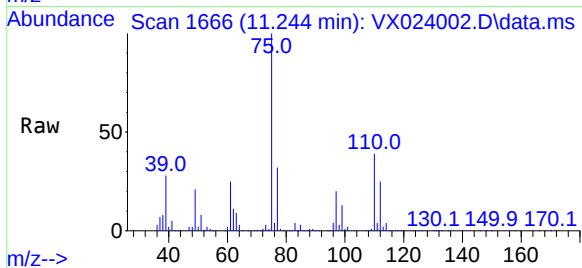
Manual Integrations  
APPROVED

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#76  
1,2,3-Trichloropropane  
Concen: 51.499 ug/l m  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

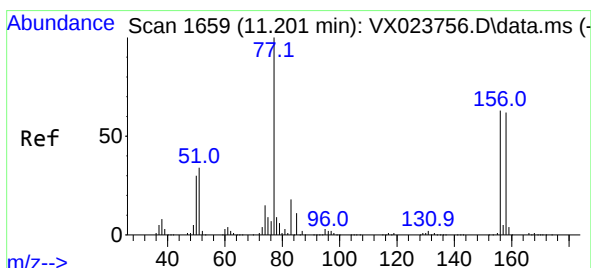
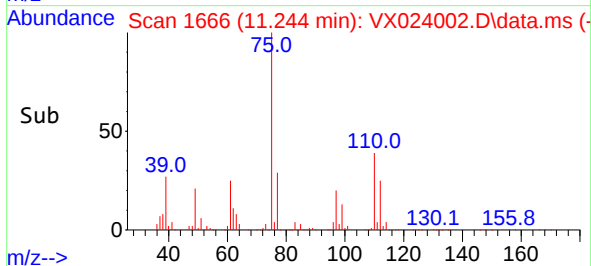
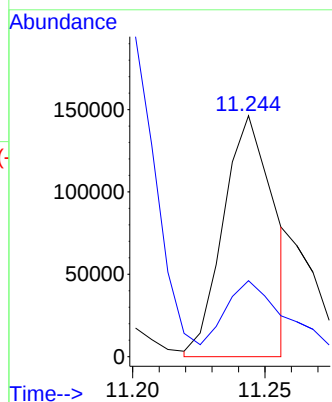
Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD



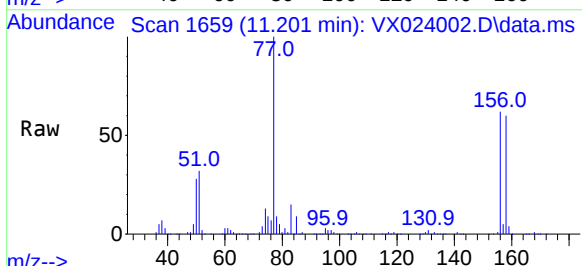
Tgt Ion: 75 Resp: 192439  
Ion Ratio Lower Upper  
75 100  
77 40.0 19.1 57.5

Manual Integrations  
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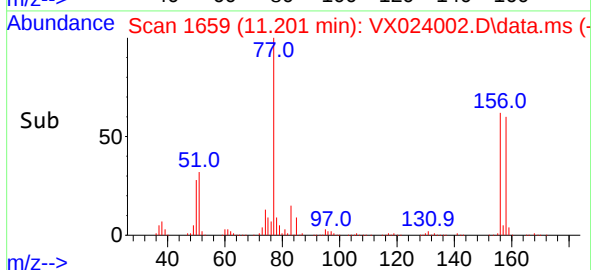
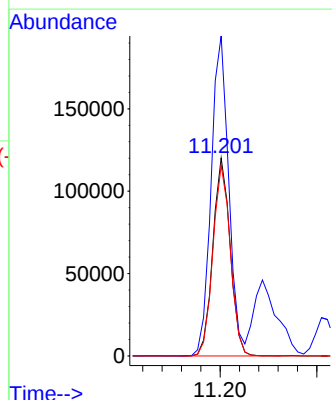
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8/30/2021 9:16:06 AM

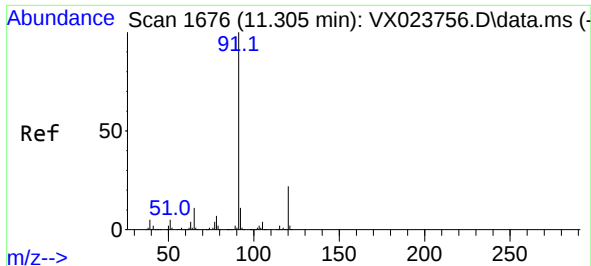


#77  
Bromobenzene  
Concen: 49.658 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion: 156 Resp: 149438  
Ion Ratio Lower Upper  
156 100  
77 164.1 82.8 248.6  
158 96.8 49.1 147.4





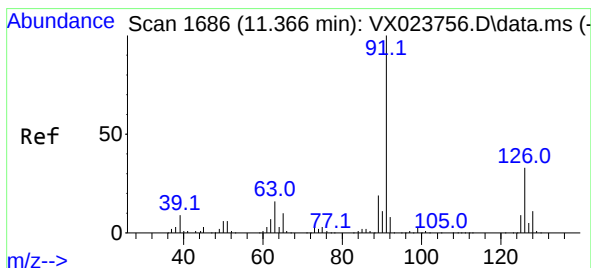
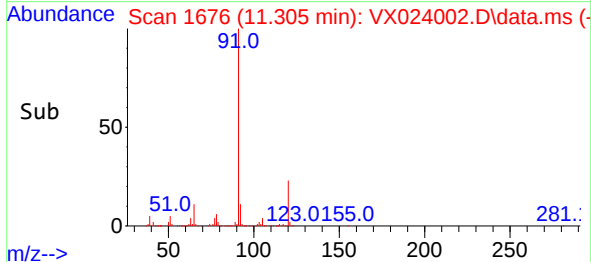
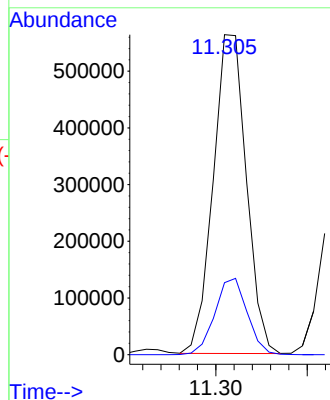
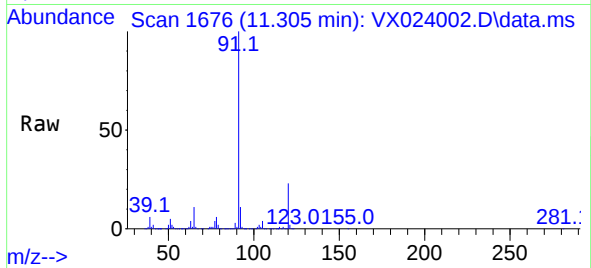
#78  
n-propylbenzene  
Concen: 50.813 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 91 Resp: 710090  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.5 34.5

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

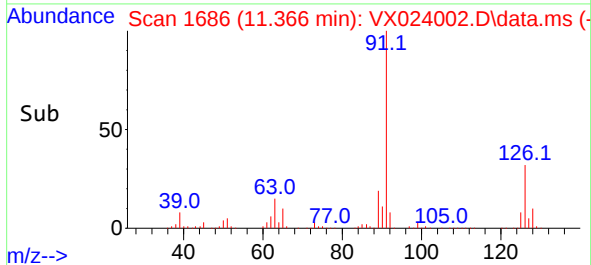
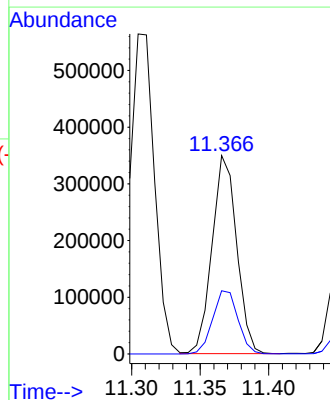
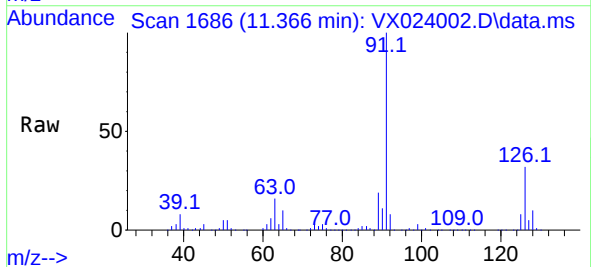
Manual Integrations  
APPROVED

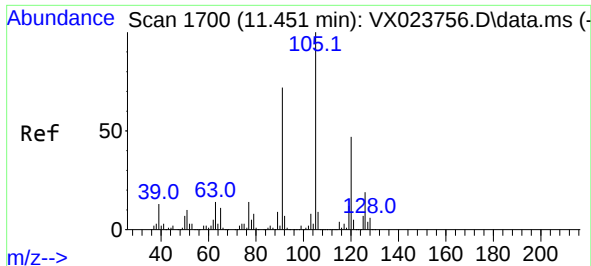
SAM  
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#79  
2-Chlorotoluene  
Concen: 51.639 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 91 Resp: 436167  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.6 49.8





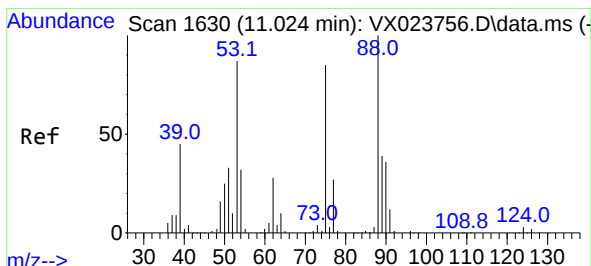
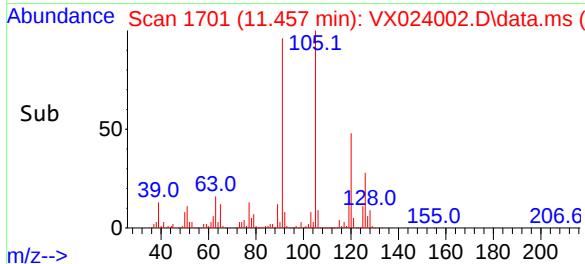
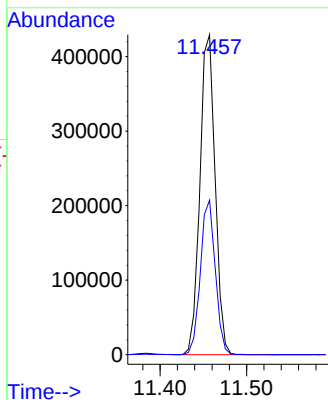
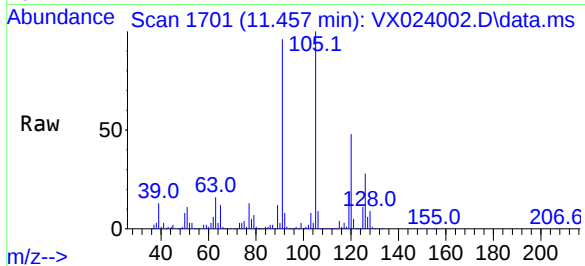
#80  
1,3,5-Trimethylbenzene  
Concen: 52.173 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:105 Resp: 523861  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.8 71.5

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

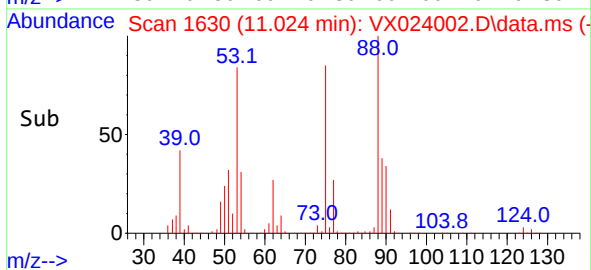
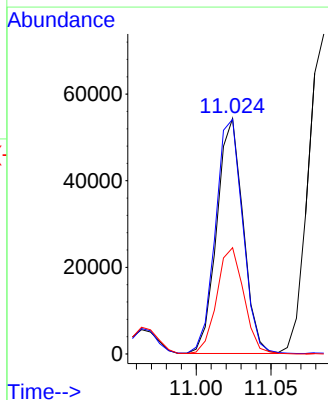
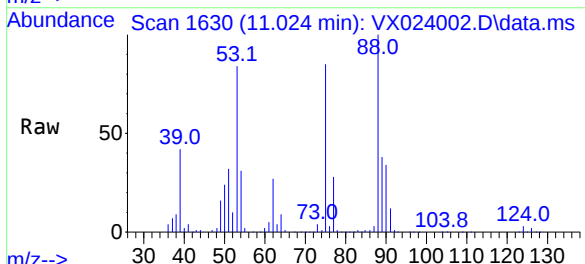
Manual Integrations  
APPROVED

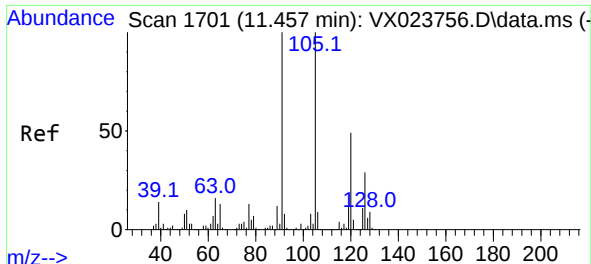
SAM  
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#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.105 ug/l  
RT: 11.024 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

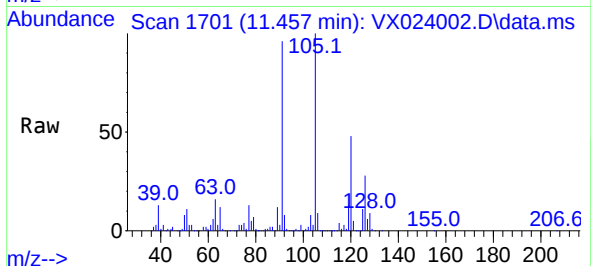
Tgt Ion: 75 Resp: 66191  
Ion Ratio Lower Upper  
75 100  
53 103.6 74.5 111.7  
89 46.7 37.9 56.9





#82  
4-Chlorotoluene  
Concen: 52.142 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

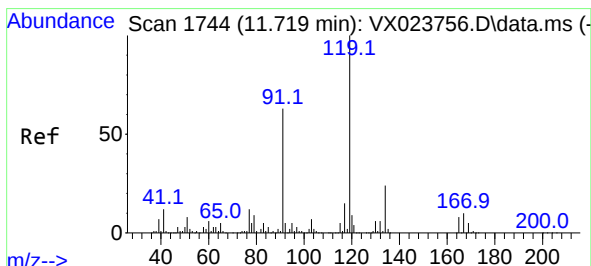
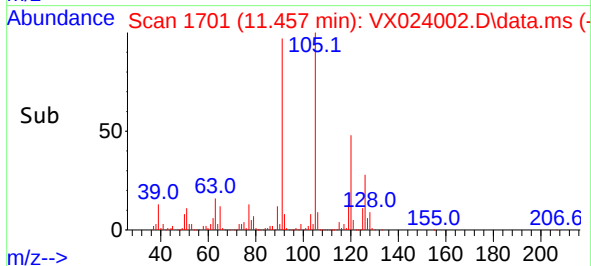
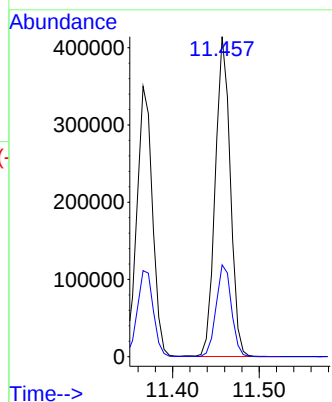
Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD



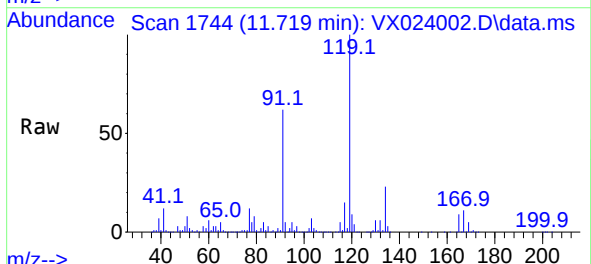
Tgt Ion: 91 Resp: 499911  
Ion Ratio Lower Upper  
91 100  
126 29.3 14.9 44.5

Manual Integrations  
APPROVED

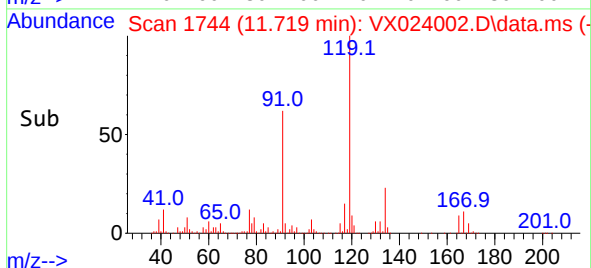
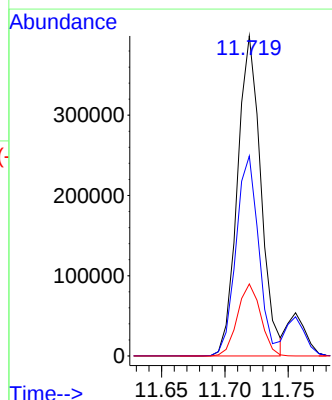
SAM  
8/30/2021 9:16:06 AM

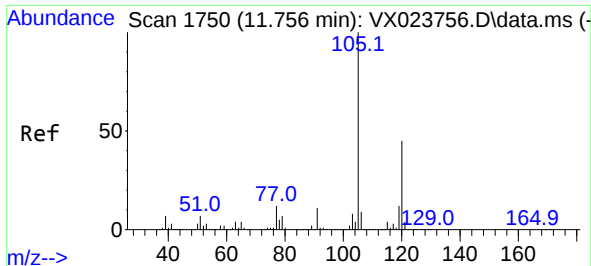


#83  
tert-Butylbenzene  
Concen: 52.687 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion: 119 Resp: 513789  
Ion Ratio Lower Upper  
119 100  
91 61.4 27.9 83.7  
134 22.4 11.3 33.9





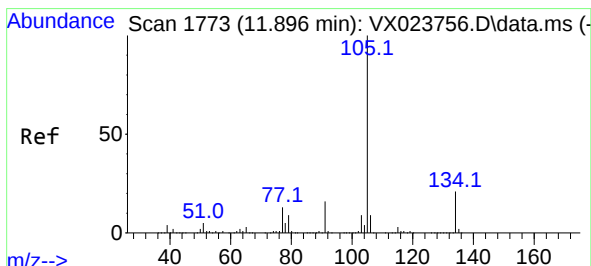
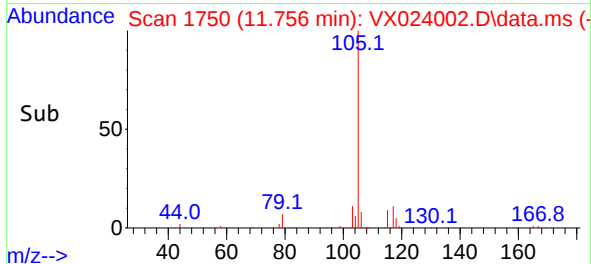
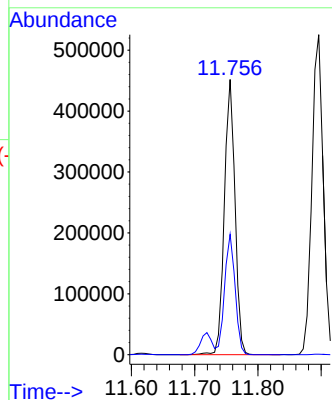
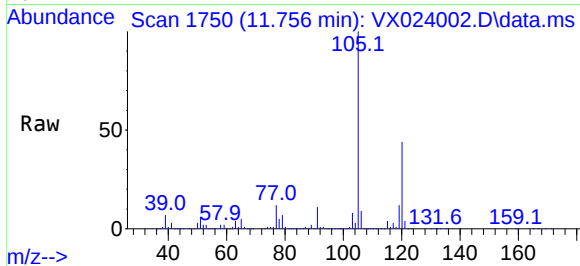
#84  
1,2,4-Trimethylbenzene  
Concen: 52.462 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:105 Resp: 525223  
Ion Ratio Lower Upper  
105 100  
120 43.3 22.4 67.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

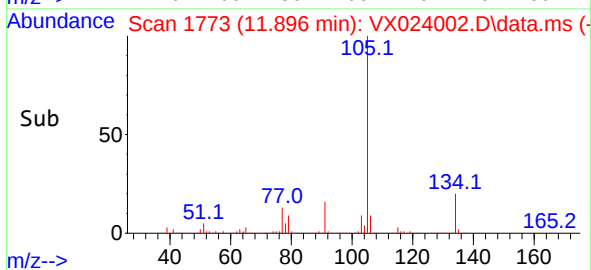
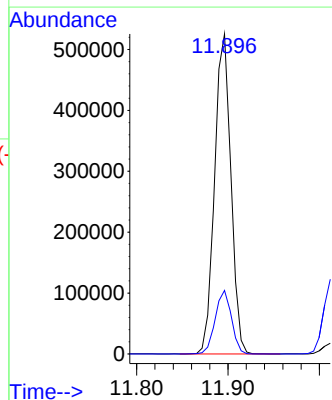
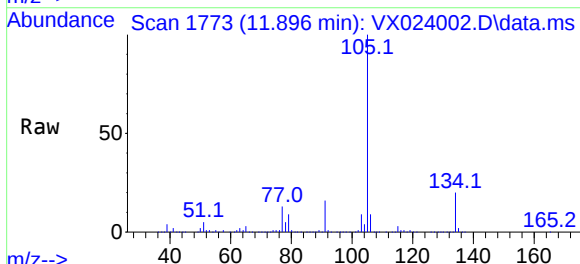
Manual Integrations  
APPROVED

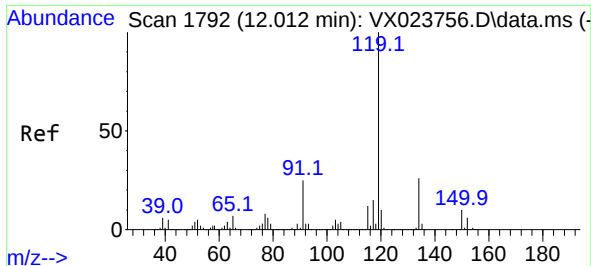
SAM  
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#85  
sec-Butylbenzene  
Concen: 52.607 ug/l  
RT: 11.896 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

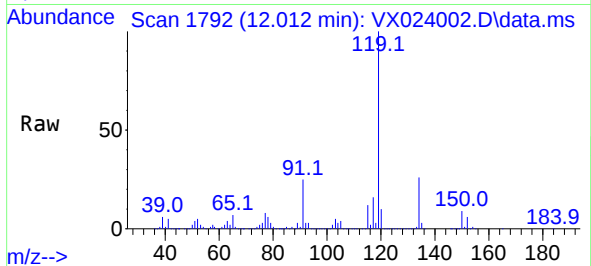
Tgt Ion:105 Resp: 649505  
Ion Ratio Lower Upper  
105 100  
134 19.9 10.0 29.8





#86  
p-Isopropyltoluene  
Concen: 53.478 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

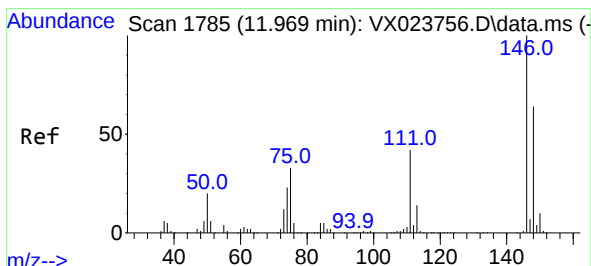
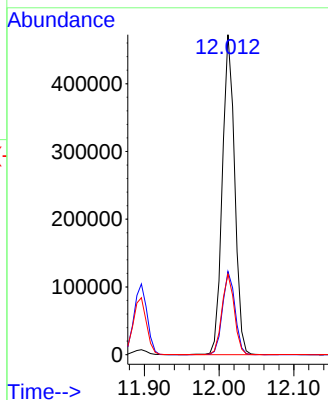
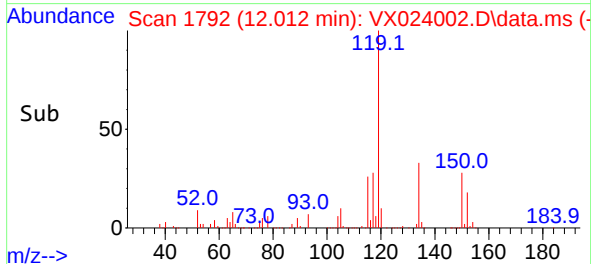
Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD



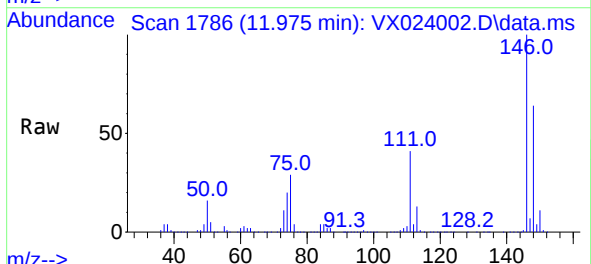
Tgt Ion:119 Resp: 543405  
Ion Ratio Lower Upper  
119 100  
134 26.3 12.9 38.7  
91 25.2 11.7 35.0

Manual Integrations  
APPROVED

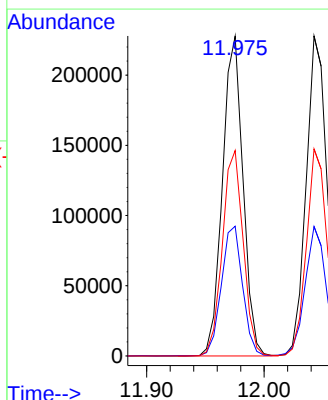
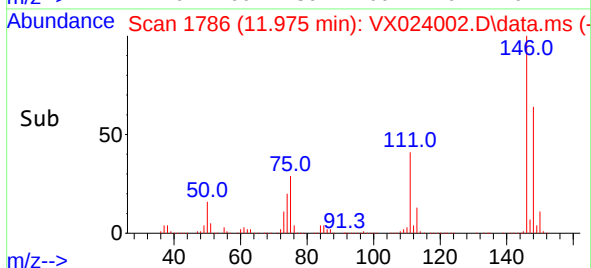
SAM  
8/30/2021 9:16:06 AM

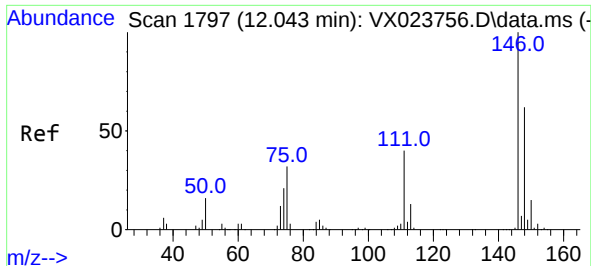


#87  
1,3-Dichlorobenzene  
Concen: 50.886 ug/l  
RT: 11.975 min Scan# 1786  
Delta R.T. 0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion:146 Resp: 277052  
Ion Ratio Lower Upper  
146 100  
111 42.0 20.2 60.5  
148 65.2 31.9 95.7





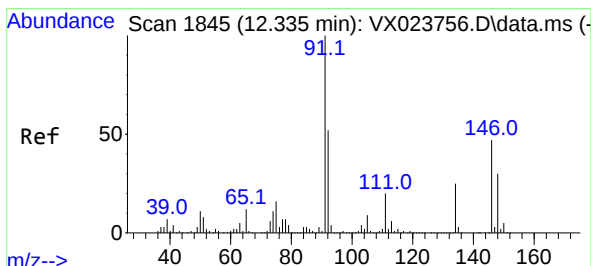
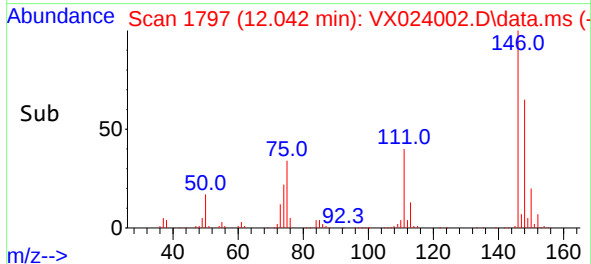
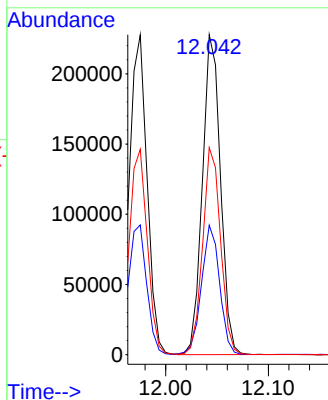
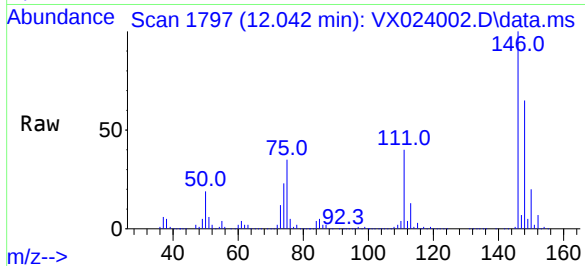
#88  
1,4-Dichlorobenzene  
Concen: 51.348 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.001 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 146 Resp: 278826  
Ion Ratio Lower Upper  
146 100  
111 40.6 19.6 58.8  
148 64.1 31.6 95.0

Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD

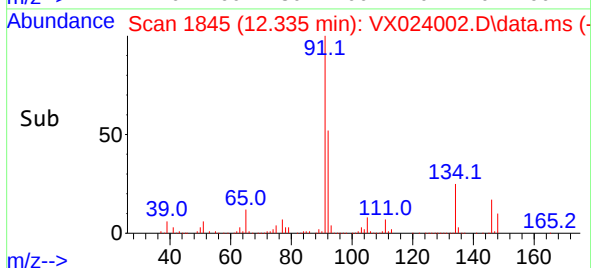
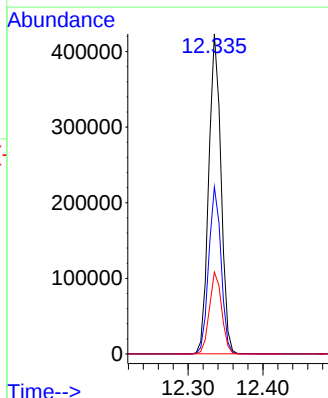
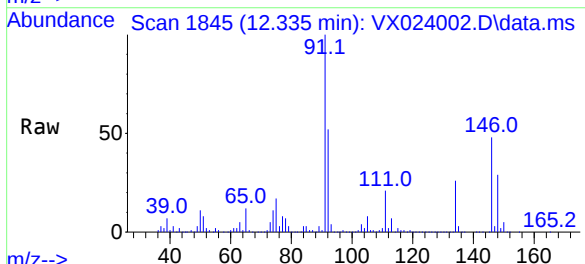
Manual Integrations  
APPROVED

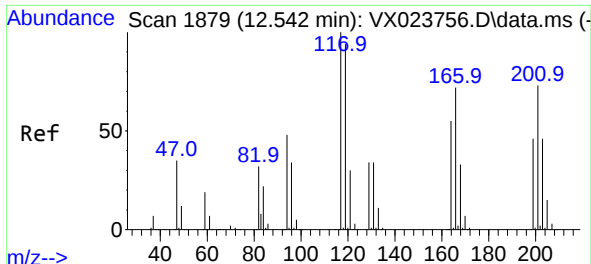
SAM  
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#89  
n-Butylbenzene  
Concen: 53.148 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

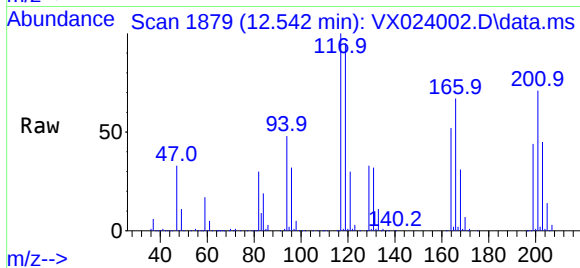
Tgt Ion: 91 Resp: 482196  
Ion Ratio Lower Upper  
91 100  
92 52.5 27.4 82.0  
134 25.7 13.2 39.5





#90  
Hexachloroethane  
Concen: 48.379 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

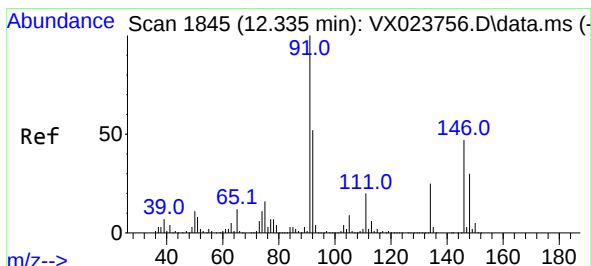
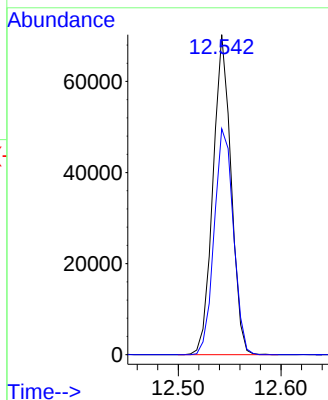
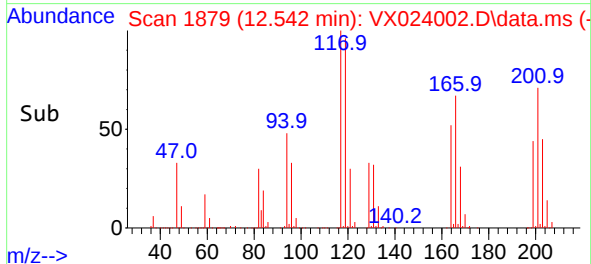
Instrument :  
MSVOA\_X  
ClientSampled :  
VE4-11MSD



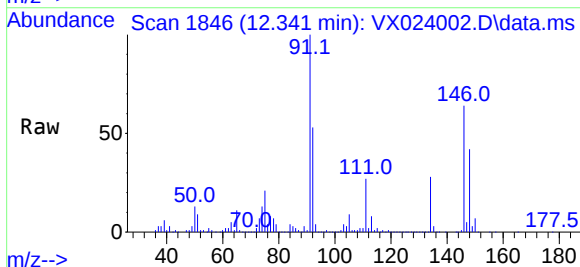
Tgt Ion:117 Resp: 85605  
Ion Ratio Lower Upper  
117 100  
201 75.0 40.4 121.2

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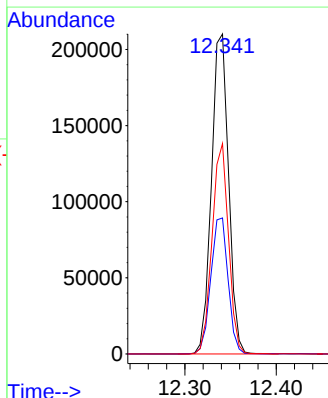
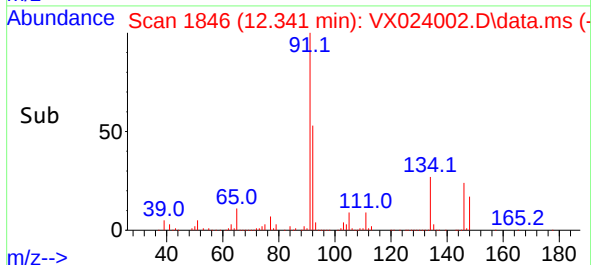
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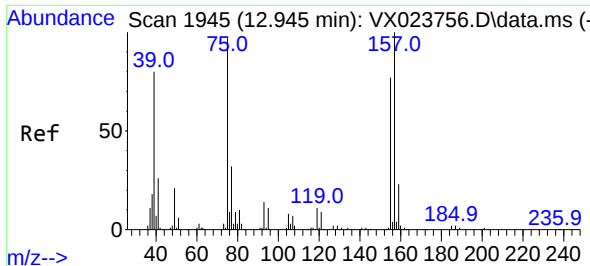


#91  
1,2-Dichlorobenzene  
Concen: 51.727 ug/l  
RT: 12.341 min Scan# 1846  
Delta R.T. 0.006 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion:146 Resp: 272844  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.8 62.2  
148 63.3 31.9 95.5





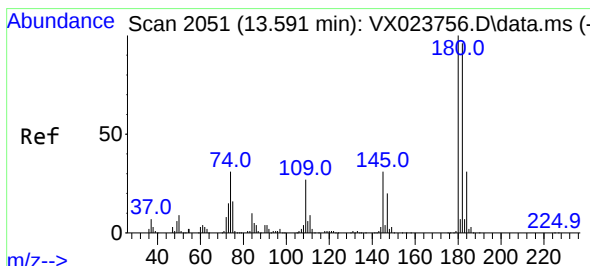
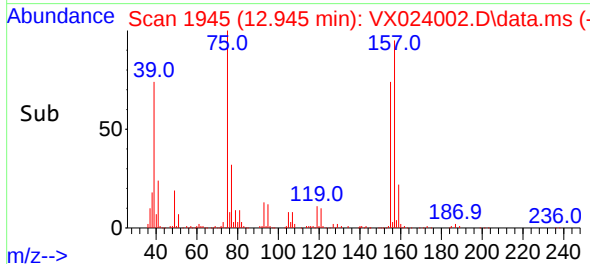
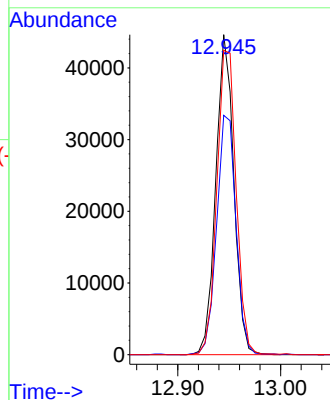
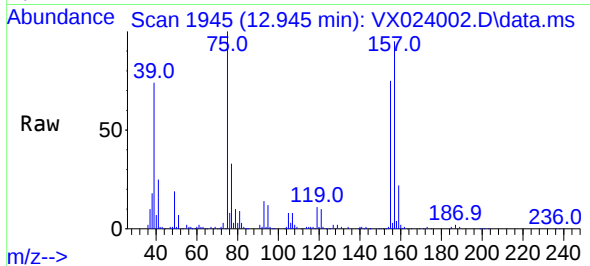
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.285 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion: 75 Resp: 54092  
Ion Ratio Lower Upper  
75 100  
155 80.7 45.3 135.9  
157 102.4 57.7 173.1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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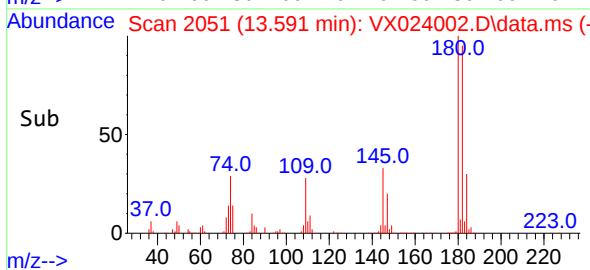
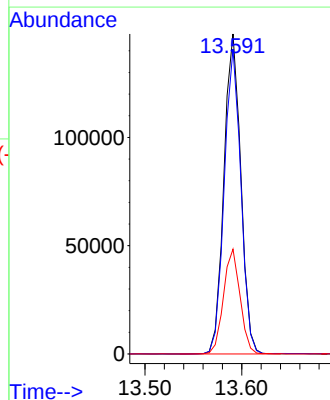
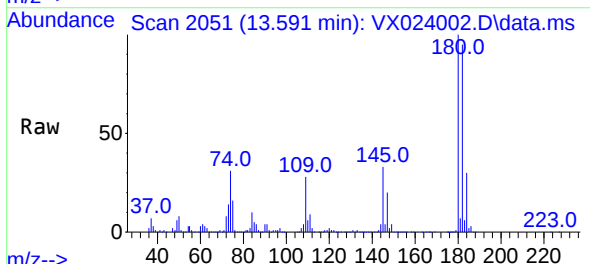
Manual Integrations  
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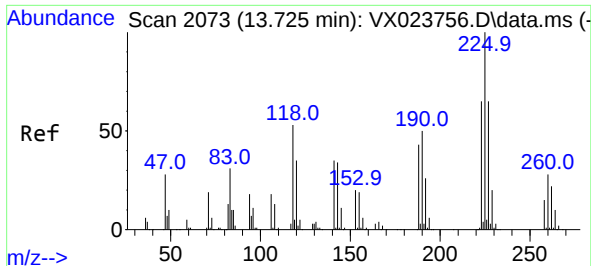
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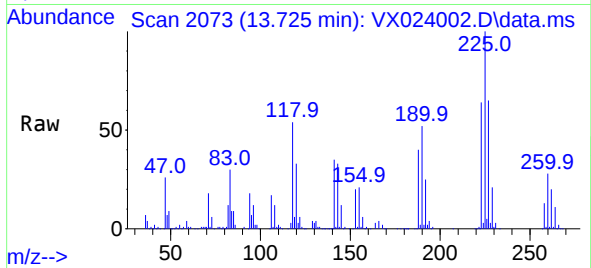
#93  
1,2,4-Trichlorobenzene  
Concen: 56.151 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:180 Resp: 178253  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.7 143.1  
145 32.3 15.0 45.0

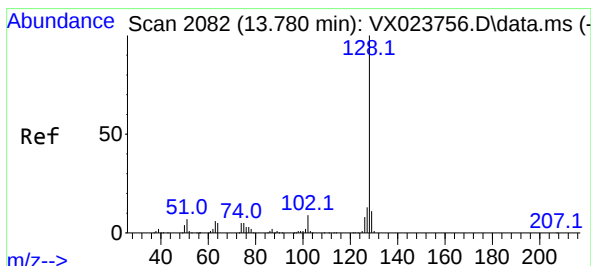
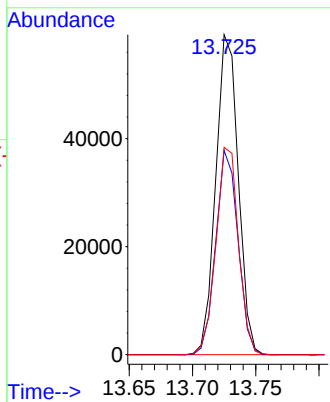
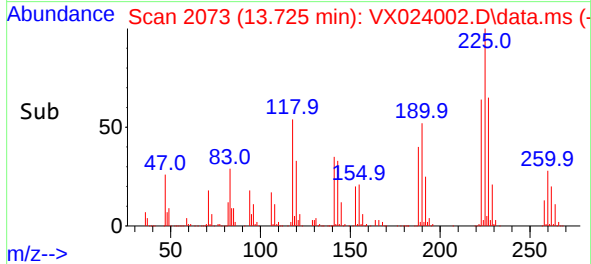




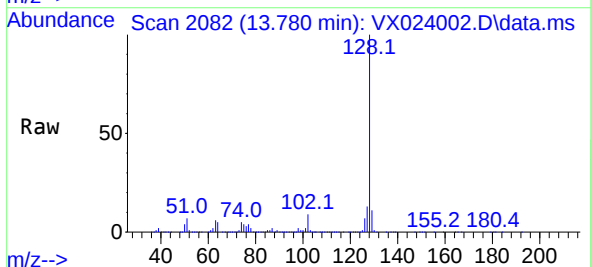
#94  
Hexachlorobutadiene  
Concen: 51.678 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



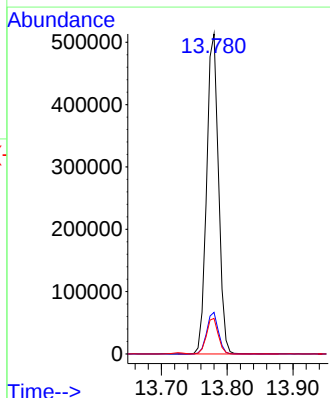
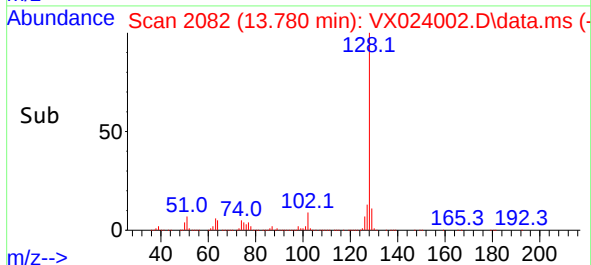
Tgt Ion:225 Resp: 73121  
Ion Ratio Lower Upper  
225 100  
223 63.0 31.1 93.2  
227 64.9 31.6 95.0



#95  
Naphthalene  
Concen: 54.688 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05



Tgt Ion:128 Resp: 642213  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 11.0 8.8 13.2

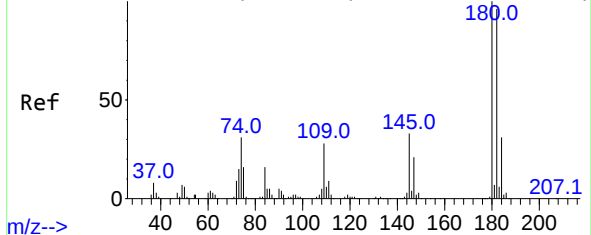


Instrument :  
MSVOA\_X  
ClientSampled :  
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Abundance Scan 2112 (13.963 min): VX023756.D\data.ms (-



#96  
1,2,3-Trichlorobenzene  
Concen: 54.865 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX024002.D  
Acq: 27 Aug 2021 19:05

Tgt Ion:180 Resp: 173463  
Ion Ratio Lower Upper  
180 100  
182 96.0 47.6 142.9  
145 35.1 16.1 48.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VE4-11MSD

Manual Integrations  
APPROVED

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