

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012022\  
 Data File : VX026535.D  
 Acq On : 20 Jan 2022 18:58  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 21 04:07:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 5.556          | 168  | 104677     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769          | 114  | 170776     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 147587     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 66934      | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 68731      | 47.003  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 94.000% |        |          |
| 35) Dibromofluoromethane     | 5.391          | 113  | 53245      | 48.281  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 96.560% |        |          |
| 50) Toluene-d8               | 8.653          | 98   | 194485     | 48.938  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 97.880% |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 69258      | 49.058  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 98.120% |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173          | 85   | 54410      | 44.019  | ug/l   | 100      |
| 3) Chloromethane             | 1.294          | 50   | 51959      | 45.855  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 55856      | 46.950  | ug/l   | 98       |
| 5) Bromomethane              | 1.618          | 94   | 24483      | 44.612  | ug/l   | 99       |
| 6) Chloroethane              | 1.691          | 64   | 31541      | 52.429  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.892          | 101  | 84724      | 45.107  | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 31534      | 47.444  | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 55623      | 48.594  | ug/l   | 100      |
| 10) Methyl Iodide            | 2.459          | 142  | 70771      | 56.773  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.983          | 59   | 48773      | 239.769 | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 2.325          | 96   | 51802      | 47.385  | ug/l   | 96       |
| 13) Acrolein                 | 2.239          | 56   | 58134      | 268.951 | ug/l   | 97       |
| 14) Allyl chloride           | 2.666          | 41   | 96183      | 47.842  | ug/l   | 98       |
| 15) Acrylonitrile            | 3.069          | 53   | 160690     | 256.622 | ug/l   | 100      |
| 16) Acetone                  | 2.386          | 43   | 164617     | 220.756 | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.514          | 76   | 132890     | 41.636  | ug/l   | 100      |
| 18) Methyl Acetate           | 2.709          | 43   | 75867      | 51.176  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 192193     | 48.452  | ug/l   | 99       |
| 20) Methylene Chloride       | 2.794          | 84   | 58518      | 47.496  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 3.099          | 96   | 55942      | 47.269  | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.764          | 45   | 200567     | 49.114  | ug/l   | 97       |
| 23) Vinyl Acetate            | 3.727          | 43   | 852117     | 253.491 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.617          | 63   | 107406     | 48.700  | ug/l   | 99       |
| 25) 2-Butanone               | 4.562          | 43   | 238447     | 245.884 | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.483          | 77   | 74495      | 45.569  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.495          | 96   | 66345      | 49.119  | ug/l   | 98       |
| 28) Bromochloromethane       | 4.904          | 49   | 46441      | 51.282  | ug/l   | 100      |
| 29) Tetrahydrofuran          | 5.013          | 42   | 150412     | 261.152 | ug/l   | 100      |
| 30) Chloroform               | 5.099          | 83   | 112725     | 49.192  | ug/l   | 100      |
| 31) Cyclohexane              | 5.477          | 56   | 100634     | 46.659  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.391          | 97   | 96008      | 47.631  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.702          | 75   | 81586      | 46.863  | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.721          | 43   | 91536      | 51.976  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 83035      | 46.368  | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.385          | 83   | 101276     | 48.228  | ug/l   | 97       |
| 40) Benzene                  | 6.044          | 78   | 236520     | 49.152  | ug/l   | 99       |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 21 04:07:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 51150    | 51.272   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 90221    | 47.921   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 144585   | 50.824   | ug/l   | 99       |
| 44) Trichloroethene           | 7.129  | 130  | 68839    | 50.415   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 61001    | 50.786   | ug/l   | 97       |
| 46) Dibromomethane            | 7.586  | 93   | 41762    | 49.322   | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.824  | 83   | 83079    | 48.561   | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 72928    | 51.729   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.684  | 88   | 23336    | 1008.636 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 442121   | 262.021  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 146777   | 49.740   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 81949    | 45.004   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 93005    | 50.614   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 58119    | 50.470   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 93320    | 52.880   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 101110   | 50.645   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 247593   | 267.561  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 330195   | 255.677  | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.525  | 129  | 59104    | 49.254   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 61068    | 50.893   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 70548    | 50.602   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 151905   | 48.876   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 56585    | 48.999   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 276526   | 48.961   | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.305 | 106  | 208619   | 98.703   | ug/l   | 99       |
| 69) o-Xylene                  | 10.646 | 106  | 101156   | 49.599   | ug/l   | 99       |
| 70) Styrene                   | 10.659 | 104  | 169307   | 50.874   | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 38090    | 43.403   | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.963 | 105  | 269707   | 49.158   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 108452   | 51.202   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 71378    | 48.469   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 88591    | 60.113   | ug/l   | 91       |
| 77) Bromobenzene              | 11.201 | 156  | 61213    | 48.701   | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 307642   | 49.171   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 182937   | 48.218   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 222123   | 49.107   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 20582    | 44.646   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 207762   | 47.647   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 207895   | 49.235   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 221868   | 49.041   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 274269   | 50.216   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 231056   | 50.424   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 114246   | 48.492   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 113435   | 47.569   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 196843   | 50.058   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.542 | 117  | 32758    | 43.150   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 111091   | 49.897   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 17376    | 48.820   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 70984    | 49.729   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 29575    | 49.082   | ug/l   | 99       |
| 95) Naphthalene               | 13.780 | 128  | 250912   | 52.700   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 71288    | 50.783   | ug/l   | 99       |

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Data File : VX026535.D  
Acq On : 20 Jan 2022 18:58  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

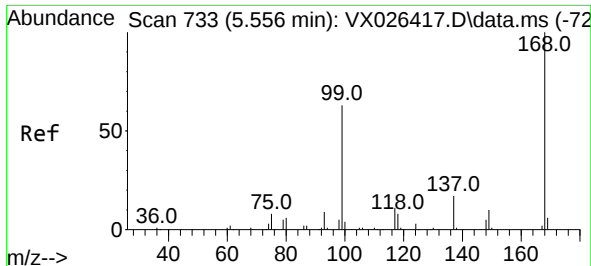
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jan 21 04:07:20 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 11 14:45:13 2022  
Response via : Initial Calibration

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

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

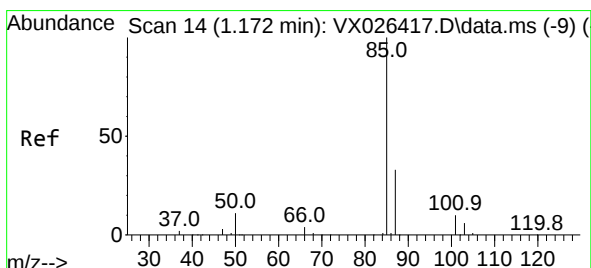
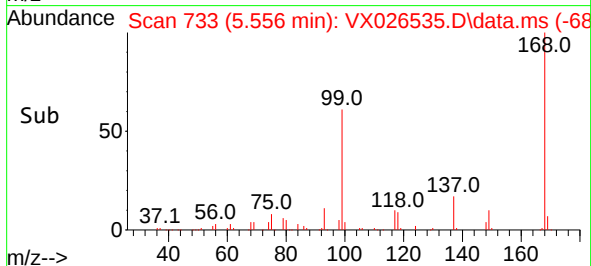
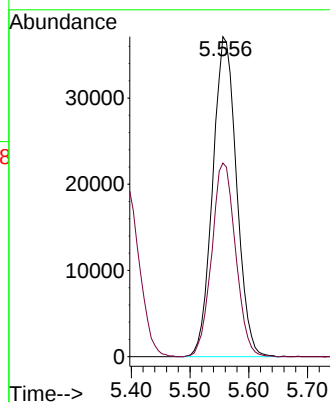
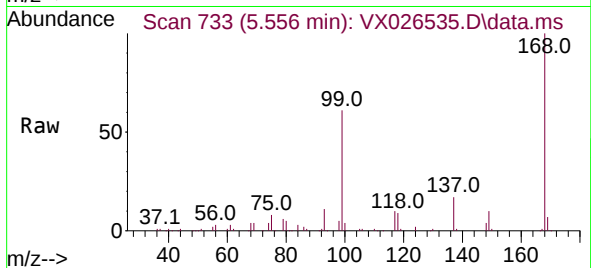




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

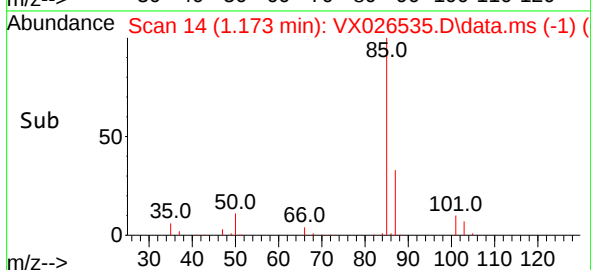
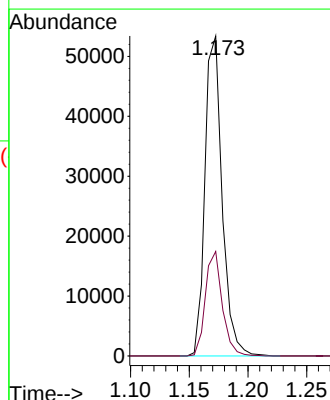
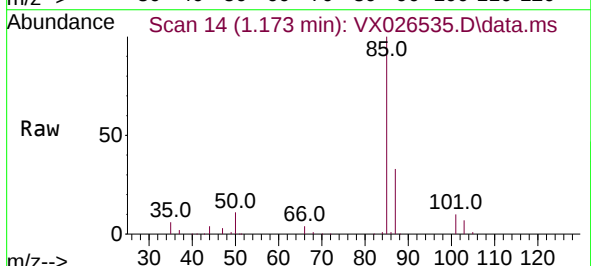
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

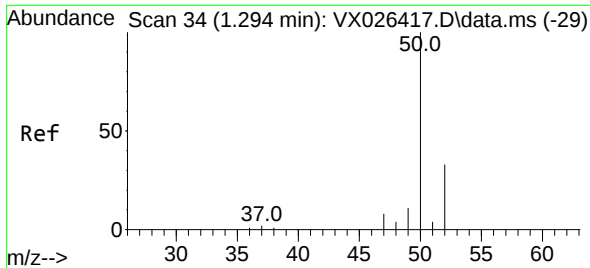
Tgt Ion:168 Resp: 104677  
Ion Ratio Lower Upper  
168 100  
99 60.5 50.3 75.5



#2  
Dichlorodifluoromethane  
Concen: 44.019 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 85 Resp: 54410  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.4 49.1

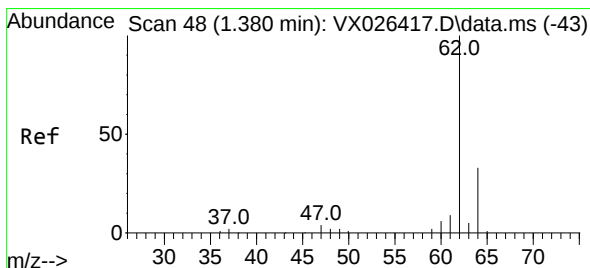
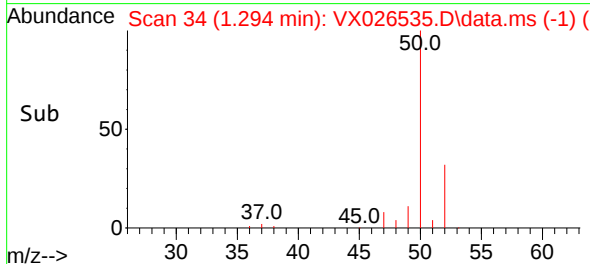
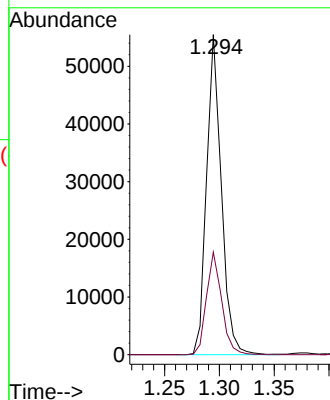
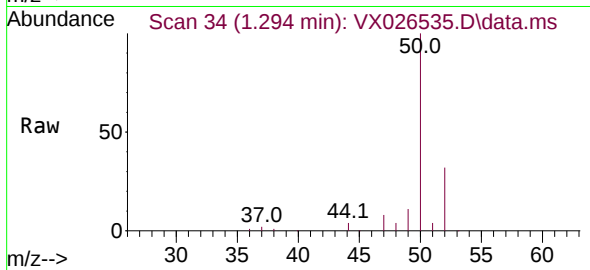




#3  
Chloromethane  
Concen: 45.855 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

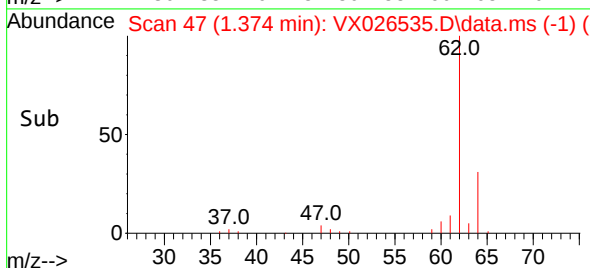
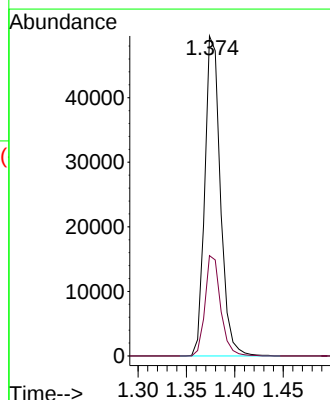
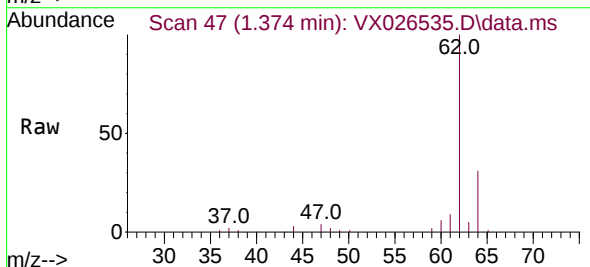
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

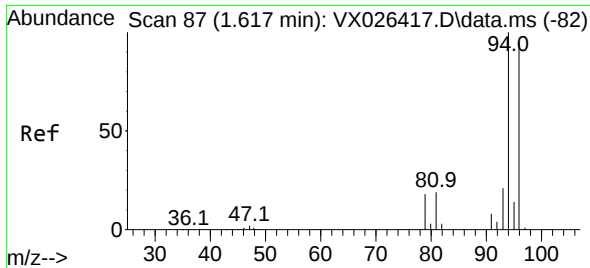
Tgt Ion: 50 Resp: 51959  
Ion Ratio Lower Upper  
50 100  
52 32.1 26.1 39.1



#4  
Vinyl Chloride  
Concen: 46.950 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.006 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 62 Resp: 55856  
Ion Ratio Lower Upper  
62 100  
64 31.4 26.2 39.2

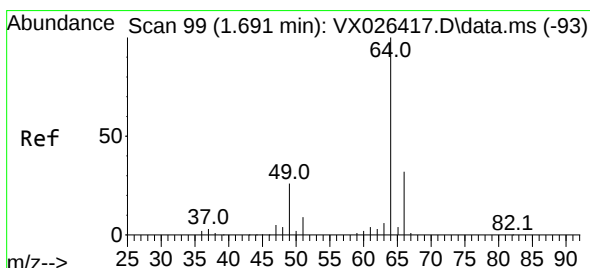
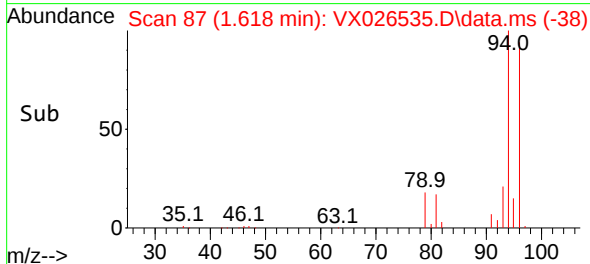
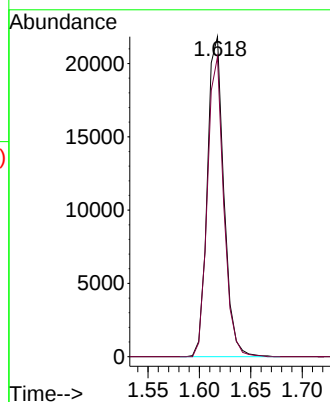
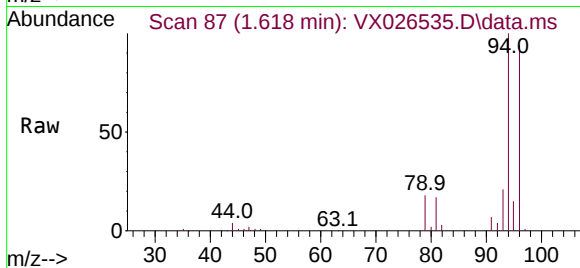




#5  
Bromomethane  
Concen: 44.612 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

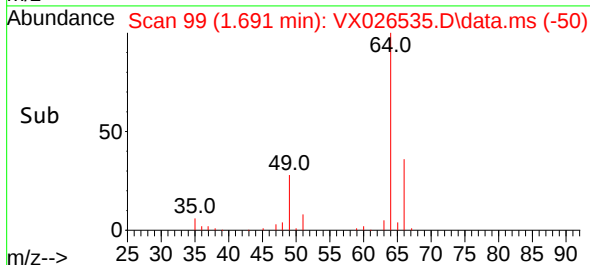
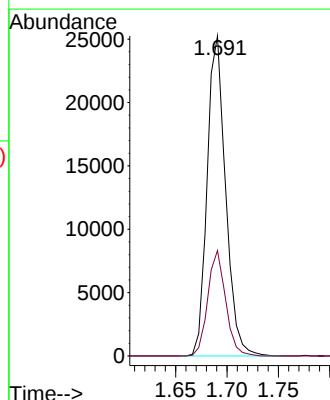
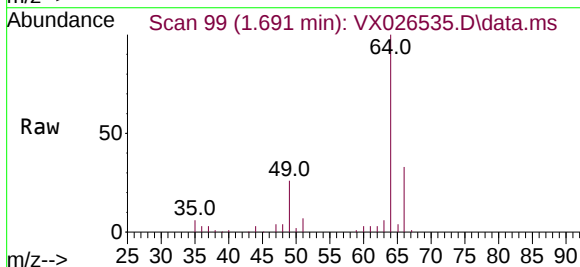
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

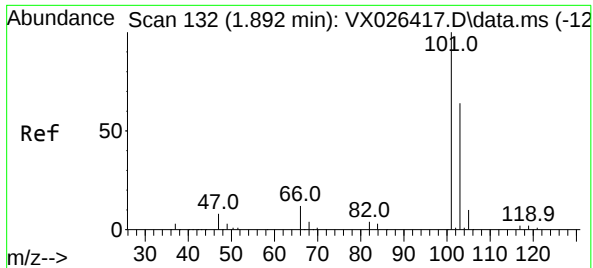
Tgt Ion: 94 Resp: 24483  
Ion Ratio Lower Upper  
94 100  
96 93.7 75.9 113.9



#6  
Chloroethane  
Concen: 52.429 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 64 Resp: 31541  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.4 38.2

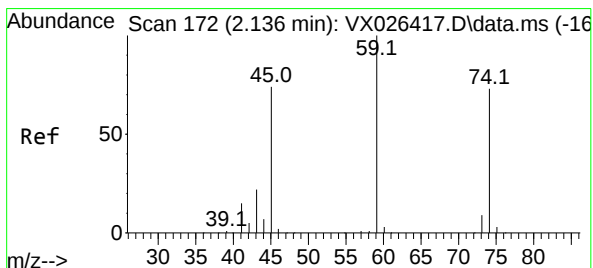
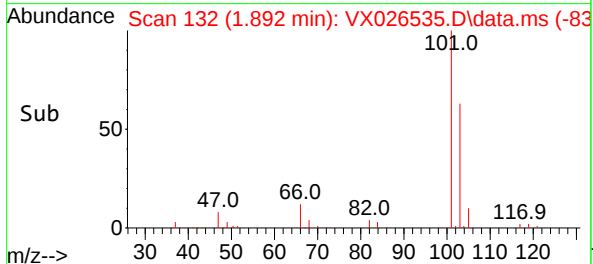
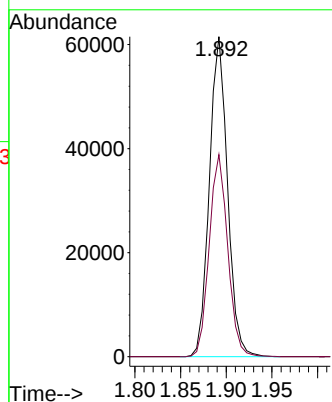
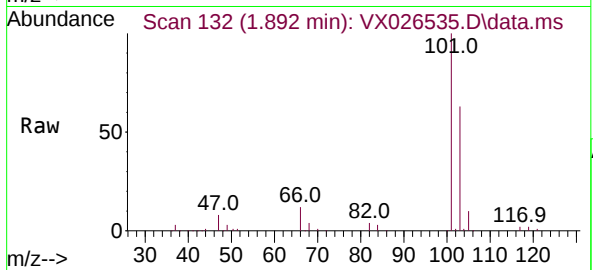




#7  
 Trichlorofluoromethane  
 Concen: 45.107 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX026535.D  
 Acq: 20 Jan 2022 18:58

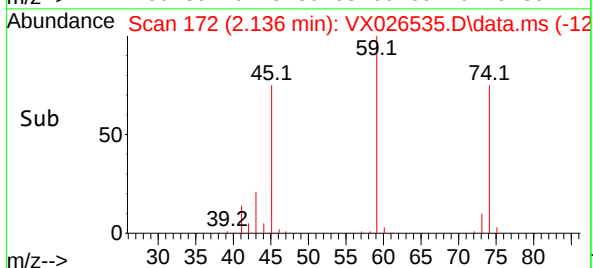
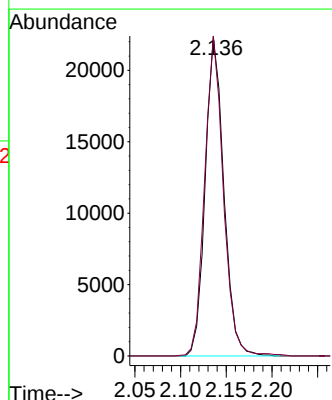
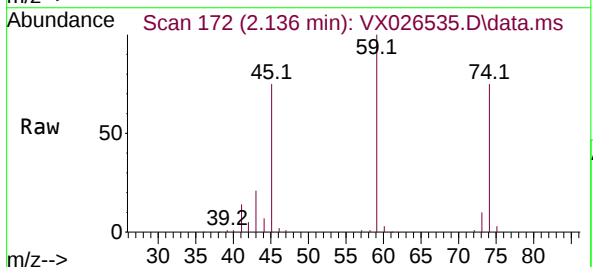
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 84724  
 Ion Ratio Lower Upper  
 101 100  
 103 63.2 51.3 76.9



#8  
 Diethyl Ether  
 Concen: 47.444 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX026535.D  
 Acq: 20 Jan 2022 18:58

Tgt Ion: 74 Resp: 31534  
 Ion Ratio Lower Upper  
 74 100  
 45 101.0 50.7 152.1

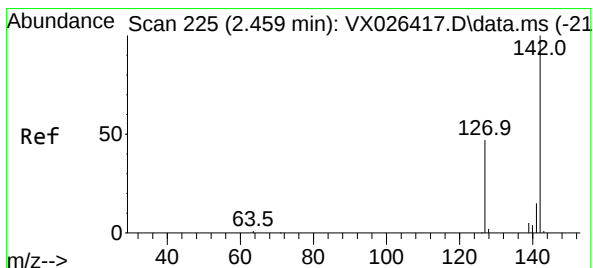
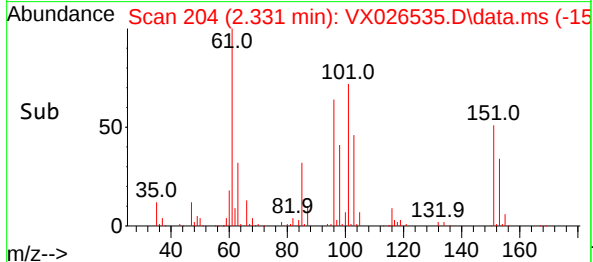
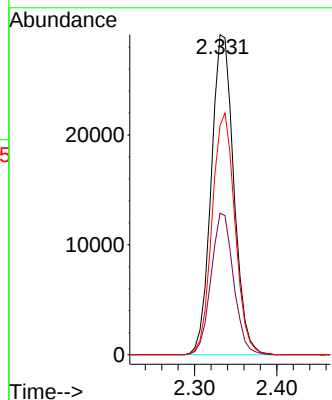
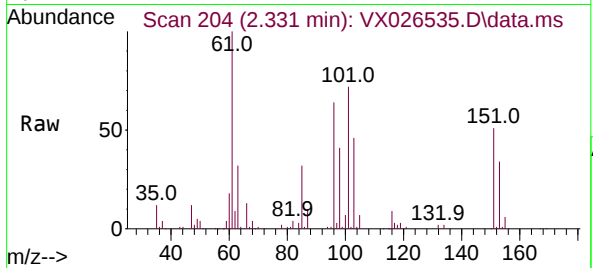




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.594 ug/l  
RT: 2.331 min Scan# 205  
Delta R.T. -0.006 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

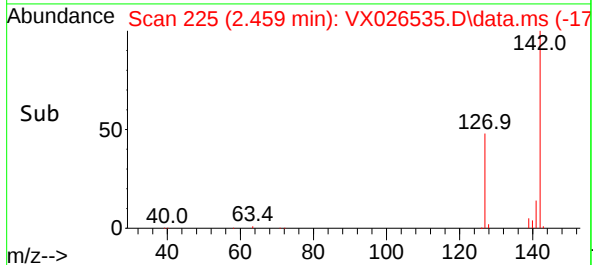
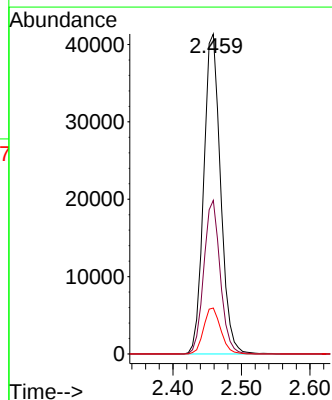
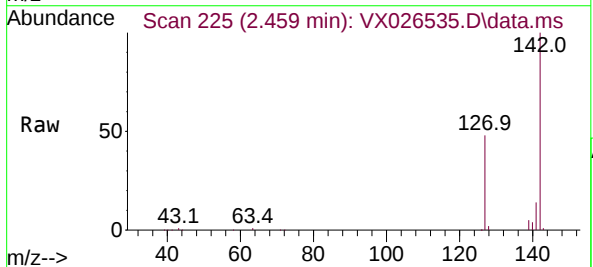
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

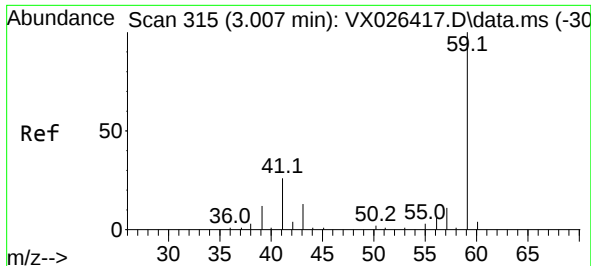
Tgt Ion:101 Resp: 55623  
Ion Ratio Lower Upper  
101 100  
85 44.0 35.3 52.9  
151 76.2 61.4 92.2



#10  
Methyl Iodide  
Concen: 56.773 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. -0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion:142 Resp: 70771  
Ion Ratio Lower Upper  
142 100  
127 46.9 38.1 57.1  
141 14.6 11.2 16.8

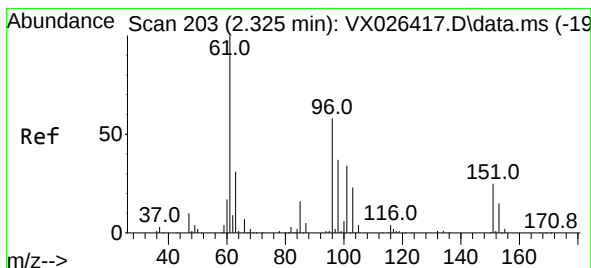
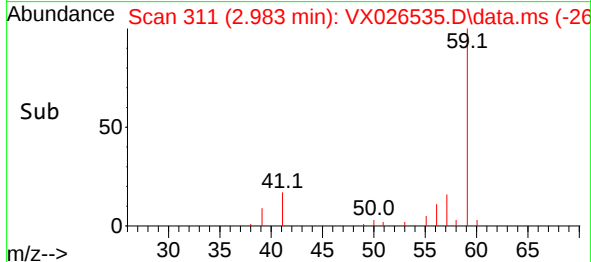
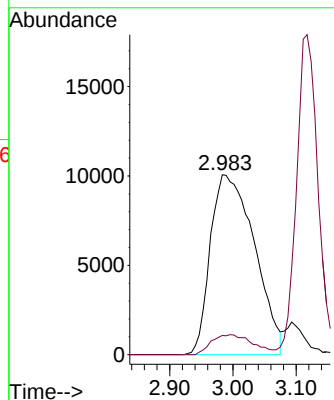
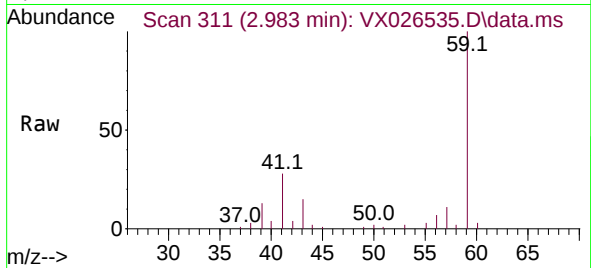




#11  
Tert butyl alcohol  
Concen: 239.769 ug/l  
RT: 2.983 min Scan# 315  
Delta R.T. -0.024 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

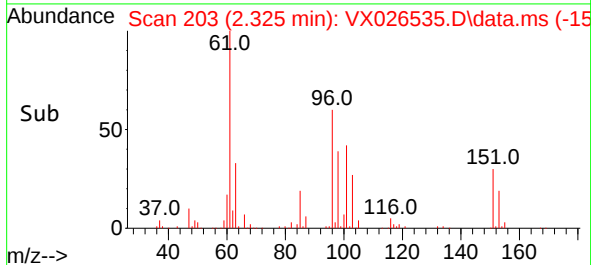
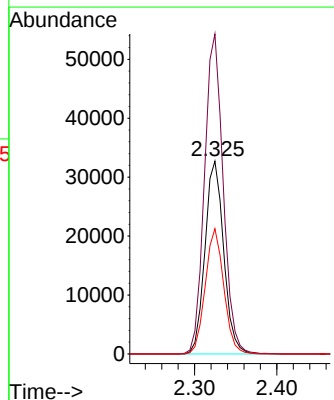
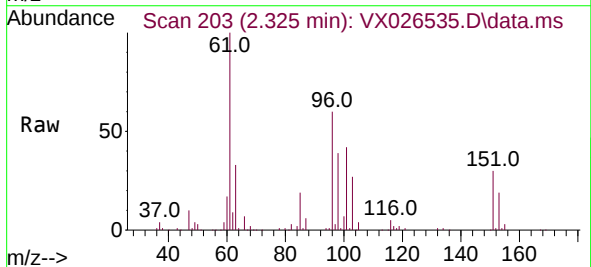
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

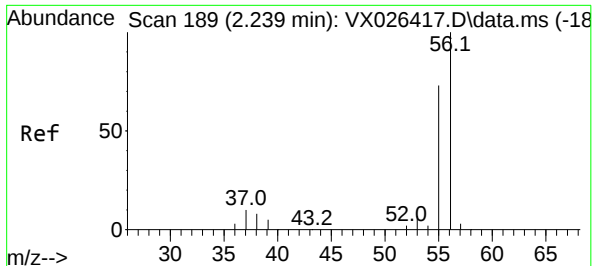
Tgt Ion: 59 Resp: 48773  
Ion Ratio Lower Upper  
59 100  
57 10.4 7.2 10.8



#12  
1,1-Dichloroethene  
Concen: 47.385 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 96 Resp: 51802  
Ion Ratio Lower Upper  
96 100  
61 165.9 138.5 207.7  
98 64.9 51.8 77.6





#13

Acrolein

Concen: 268.951 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

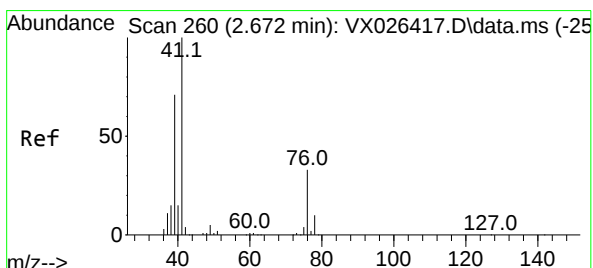
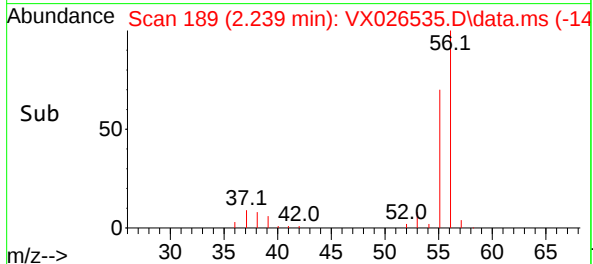
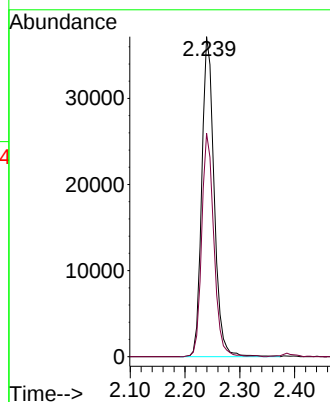
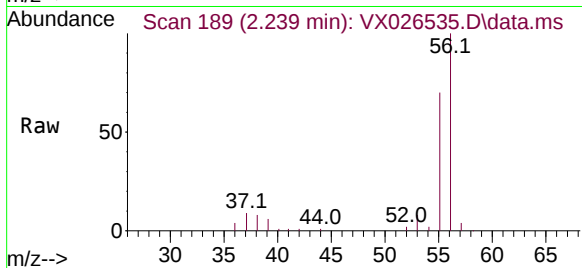
VSTDCCC050EC

Tgt Ion: 56 Resp: 58134

Ion Ratio Lower Upper

56 100

55 68.6 56.9 85.3



#14

Allyl chloride

Concen: 47.842 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

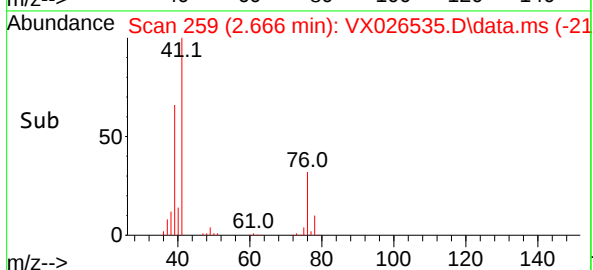
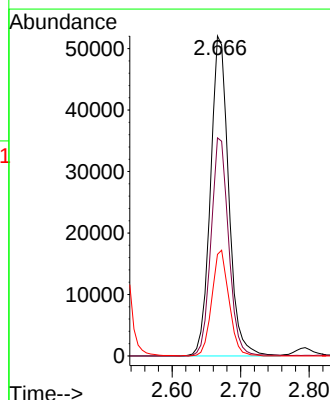
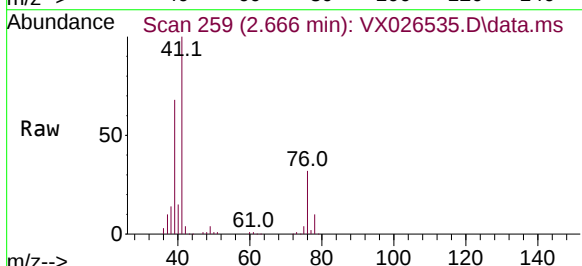
Tgt Ion: 41 Resp: 96183

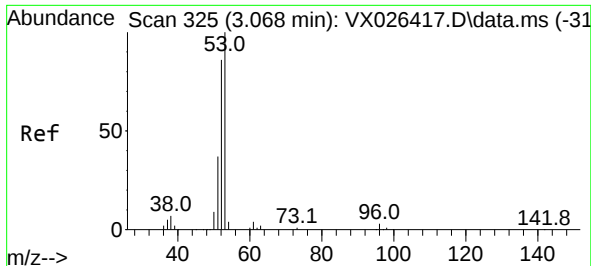
Ion Ratio Lower Upper

41 100

39 65.8 54.2 81.4

76 31.0 25.2 37.8

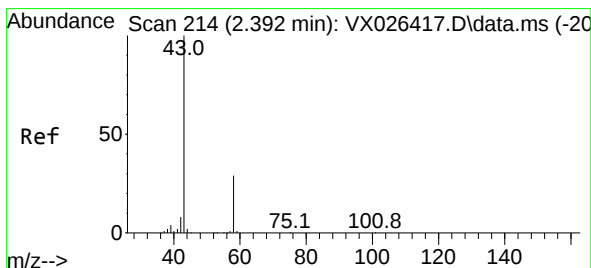
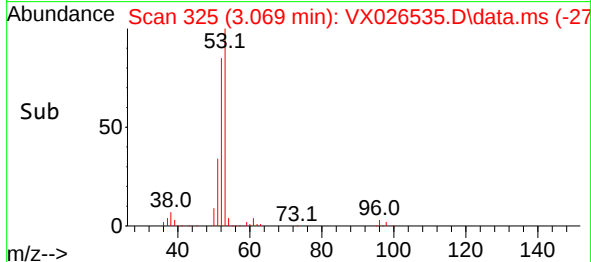
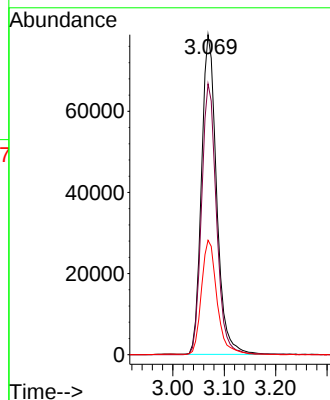
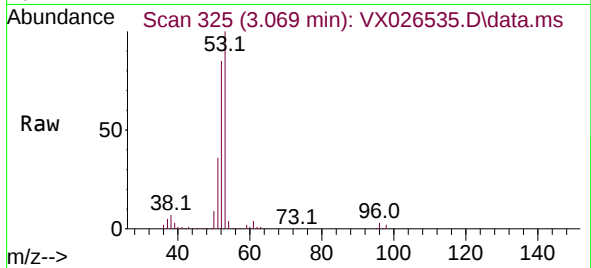




#15  
Acrylonitrile  
Concen: 256.622 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

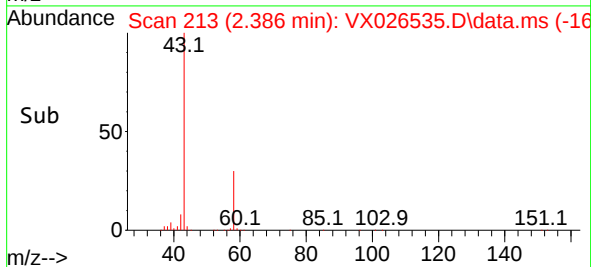
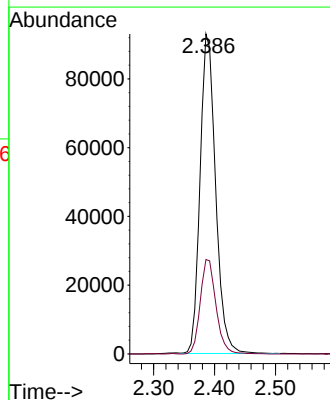
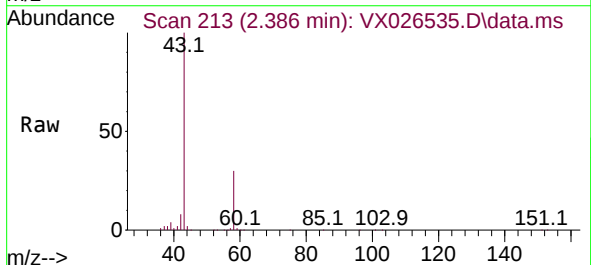
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

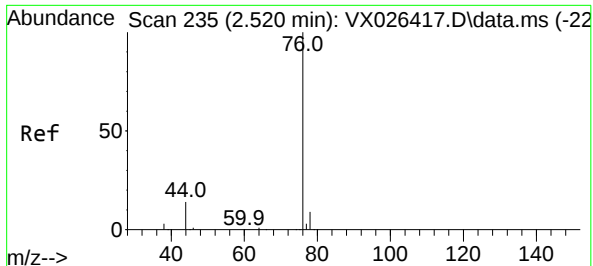
Tgt Ion: 53 Resp: 160690  
Ion Ratio Lower Upper  
53 100  
52 83.7 66.6 100.0  
51 37.1 29.5 44.3



#16  
Acetone  
Concen: 220.756 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 43 Resp: 164617  
Ion Ratio Lower Upper  
43 100  
58 29.6 23.0 34.6

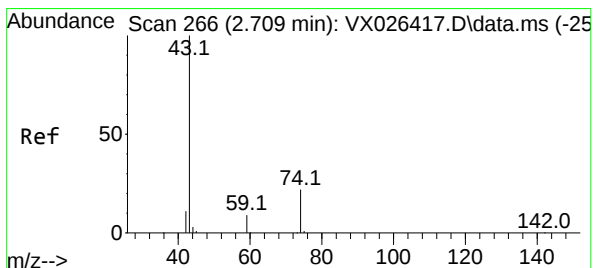
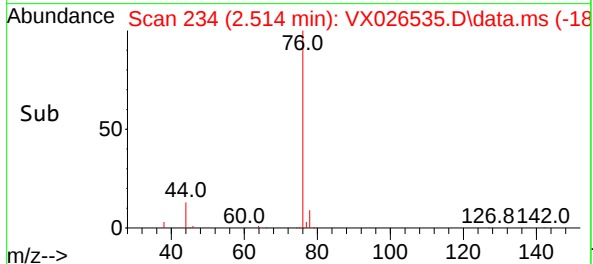
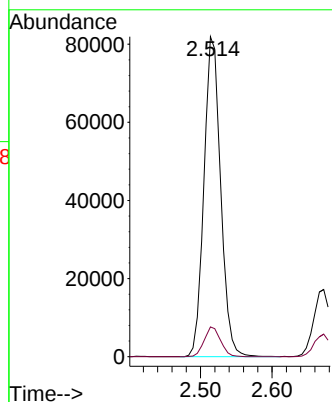
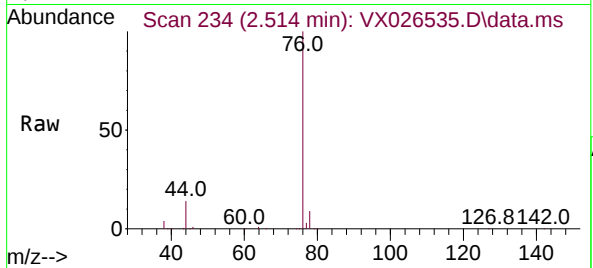




#17  
Carbon Disulfide  
Concen: 41.636 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

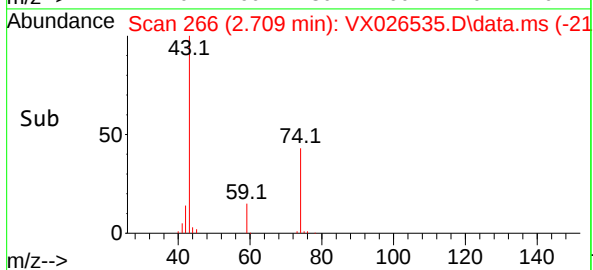
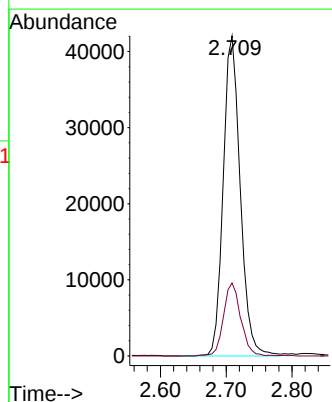
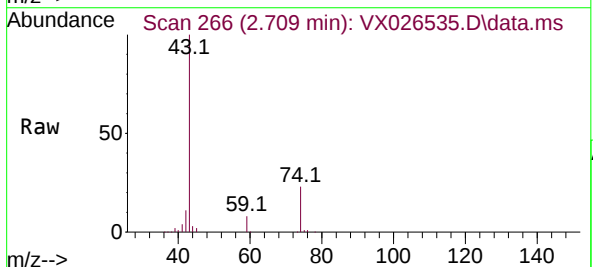
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 132890  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.5 11.3



#18  
Methyl Acetate  
Concen: 51.176 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 43 Resp: 75867  
Ion Ratio Lower Upper  
43 100  
74 23.1 18.3 27.5

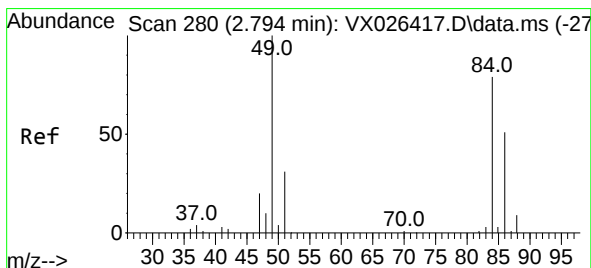
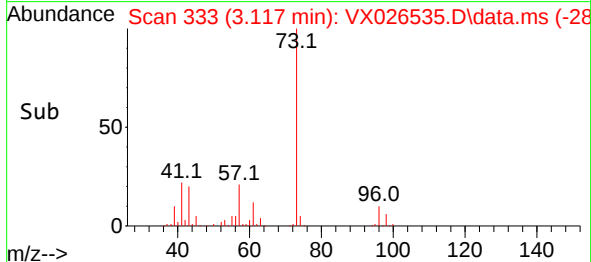
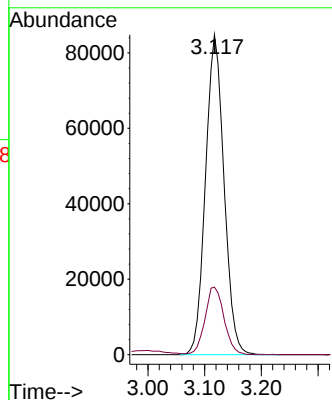
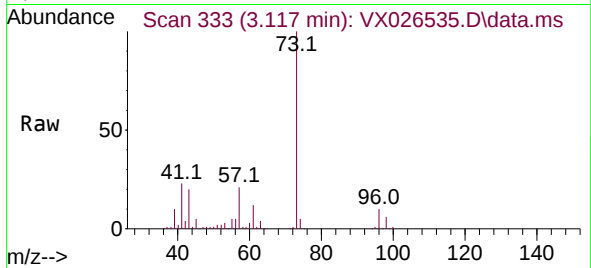




#19  
Methyl tert-butyl Ether  
Concen: 48.452 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

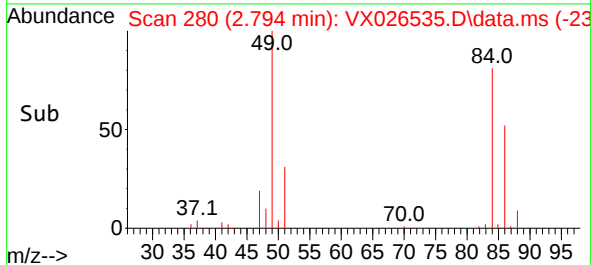
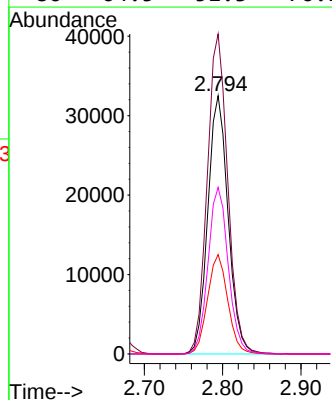
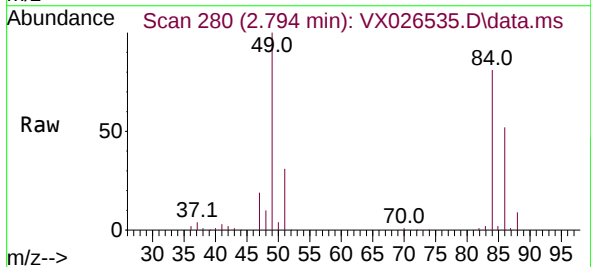
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 192193  
Ion Ratio Lower Upper  
73 100  
57 21.1 17.4 26.2



#20  
Methylene Chloride  
Concen: 47.496 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 84 Resp: 58518  
Ion Ratio Lower Upper  
84 100  
49 123.9 101.5 152.3  
51 38.5 31.2 46.8  
86 64.5 51.3 76.9

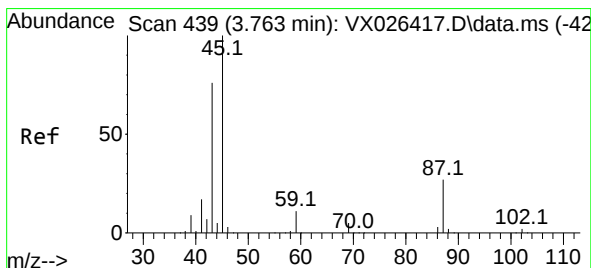
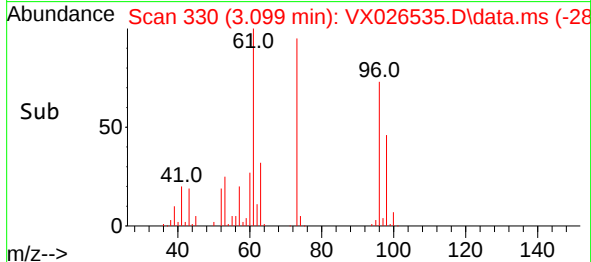
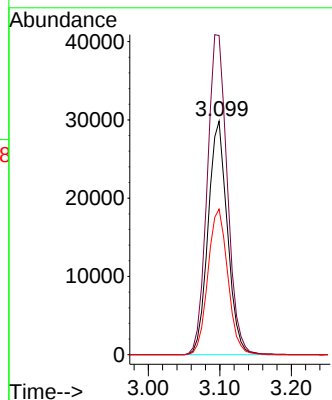
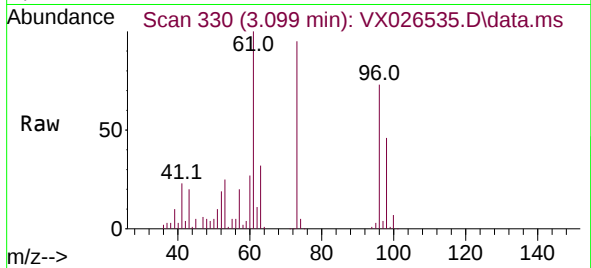




#21  
trans-1,2-Dichloroethene  
Concen: 47.269 ug/l  
RT: 3.099 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

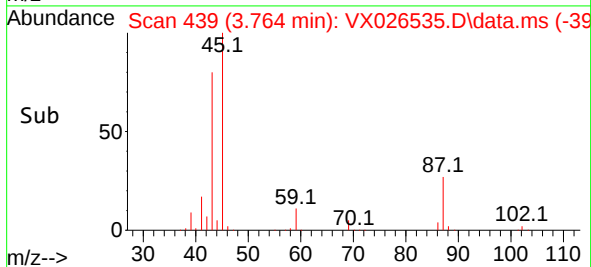
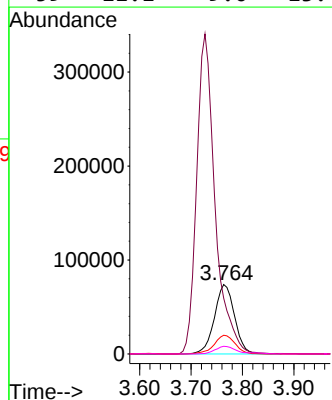
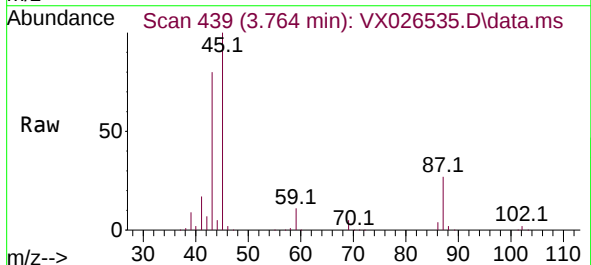
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

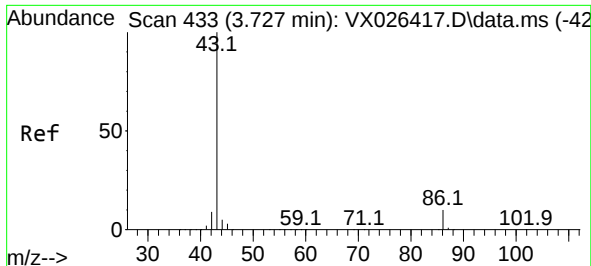
Tgt Ion: 96 Resp: 55942  
Ion Ratio Lower Upper  
96 100  
61 136.8 112.9 169.3  
98 62.4 49.5 74.3



#22  
Diisopropyl ether  
Concen: 49.114 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 45 Resp: 200567  
Ion Ratio Lower Upper  
45 100  
43 79.5 60.6 91.0  
87 27.0 22.0 33.0  
59 11.1 9.0 13.4

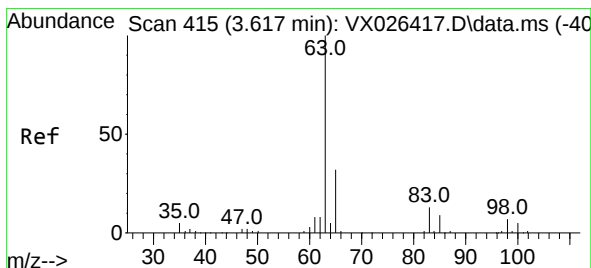
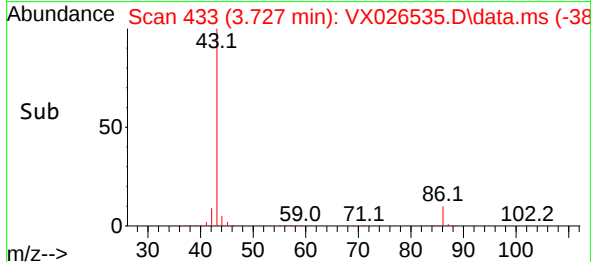
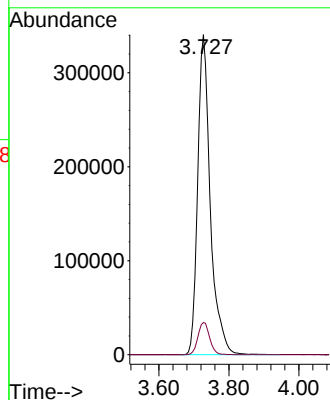
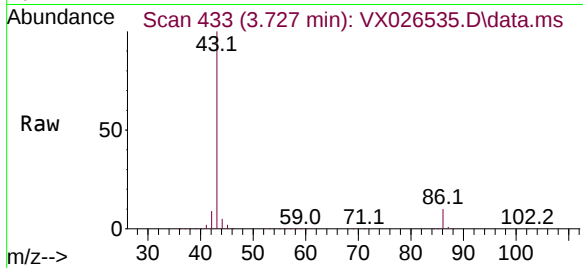




#23  
 Vinyl Acetate  
 Concen: 253.491 ug/l  
 RT: 3.727 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: VX026535.D  
 Acq: 20 Jan 2022 18:58

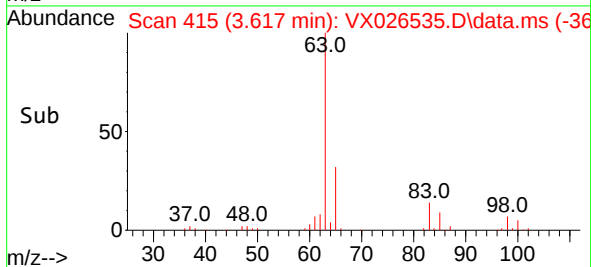
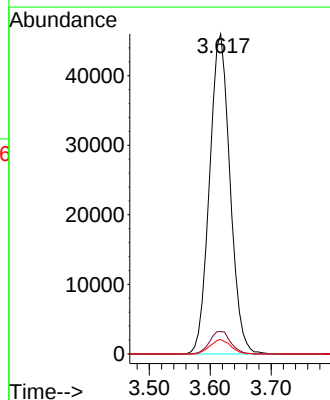
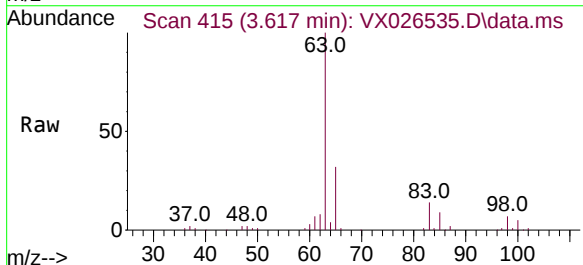
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

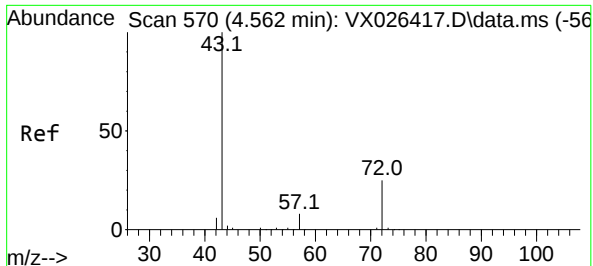
Tgt Ion: 43 Resp: 852117  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 8.1 12.1



#24  
 1,1-Dichloroethane  
 Concen: 48.700 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.000 min  
 Lab File: VX026535.D  
 Acq: 20 Jan 2022 18:58

Tgt Ion: 63 Resp: 107406  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.7 11.1  
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 245.884 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

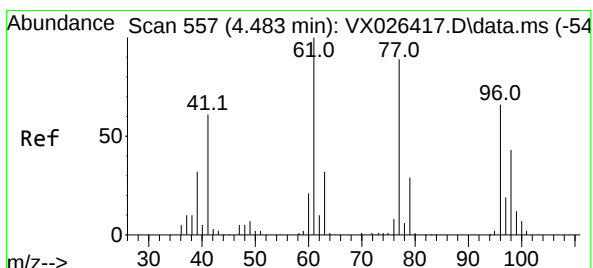
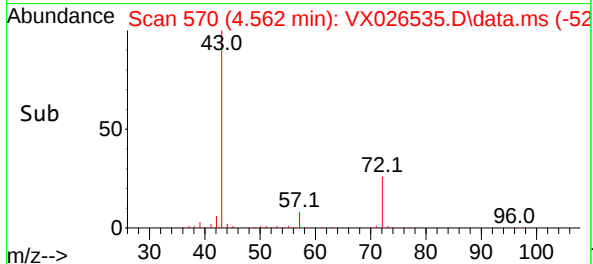
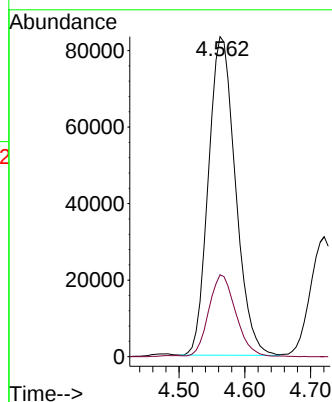
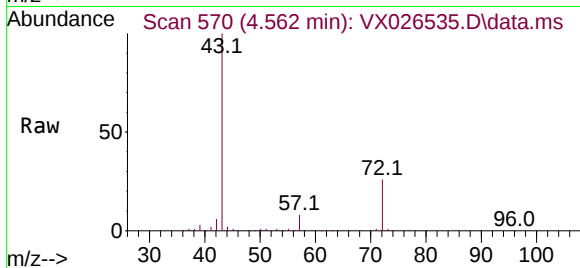
VSTDCCC050EC

Tgt Ion: 43 Resp: 238447

Ion Ratio Lower Upper

43 100

72 25.5 20.4 30.6



#26

2,2-Dichloropropane

Concen: 45.569 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX026535.D

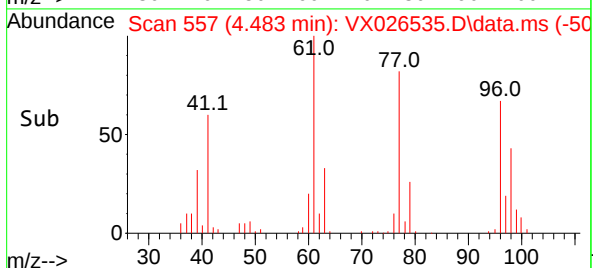
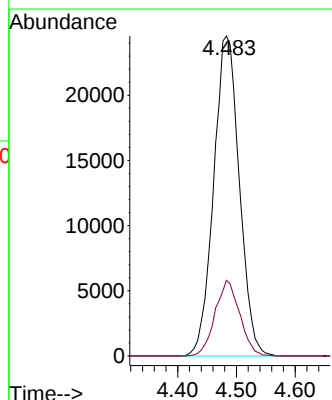
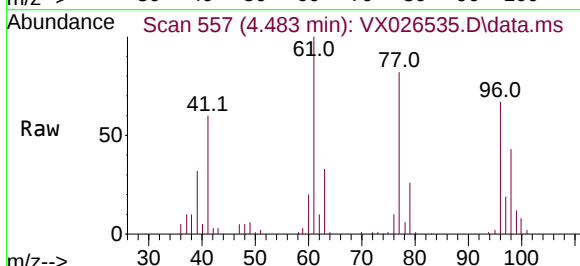
Acq: 20 Jan 2022 18:58

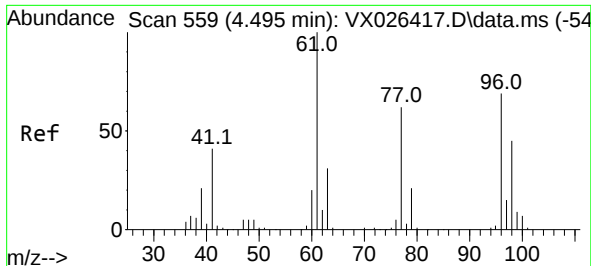
Tgt Ion: 77 Resp: 74495

Ion Ratio Lower Upper

77 100

97 22.7 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 49.119 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX026535.D

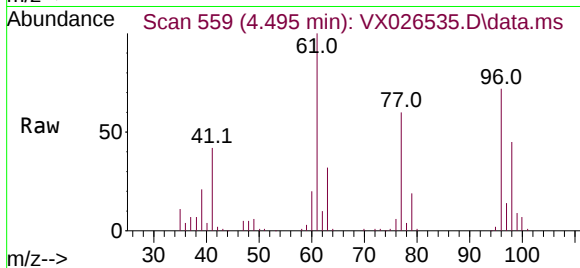
Acq: 20 Jan 2022 18:58

Instrument :

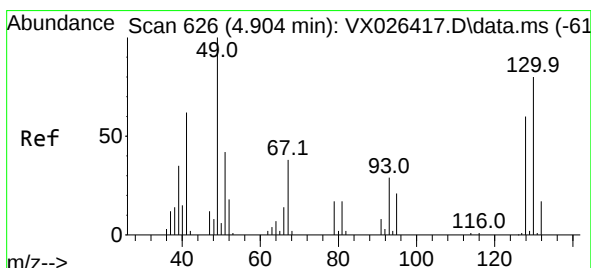
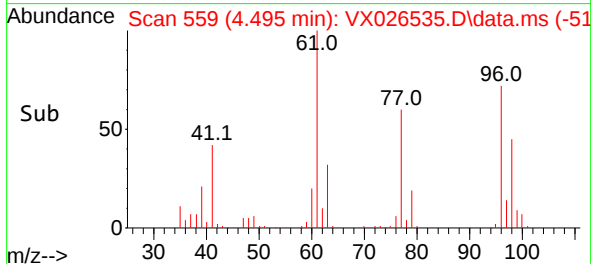
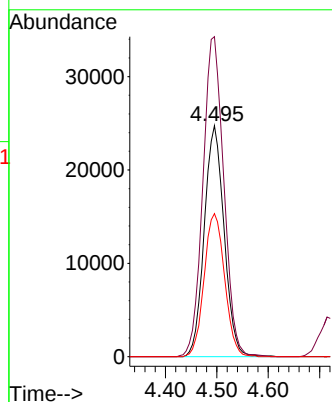
MSVOA\_X

ClientSampleId :

VSTDCCC050EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 66345 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.7 | 0.0   | 296.6 |
| 98       | 64.0  | 0.0   | 128.8 |



#28

Bromochloromethane

Concen: 51.282 ug/l

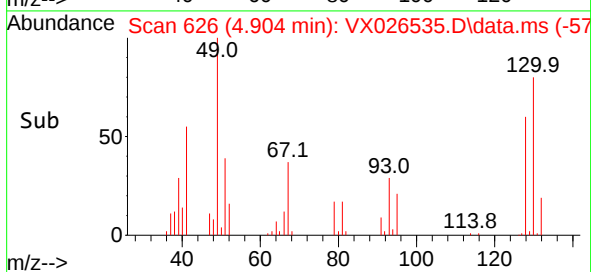
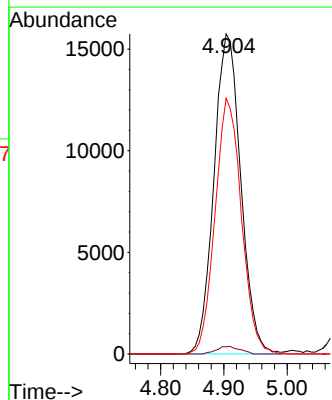
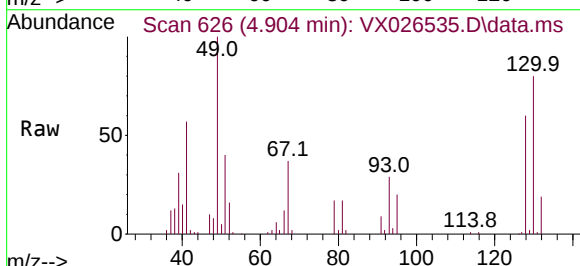
RT: 4.904 min Scan# 626

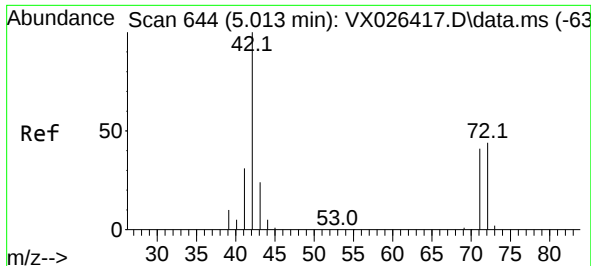
Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 46441 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.1   | 0.0   | 4.2   |
| 130      | 78.2  | 62.4  | 93.6  |





#29

Tetrahydrofuran

Concen: 261.152 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

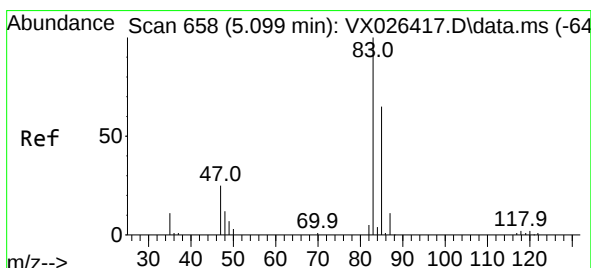
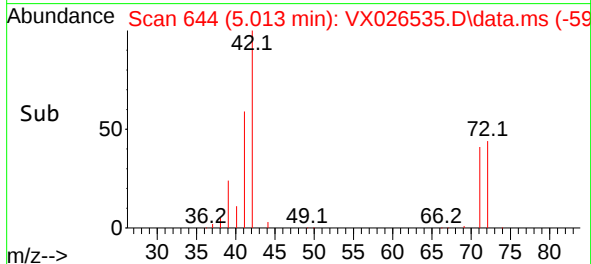
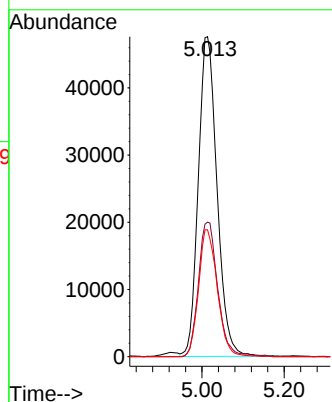
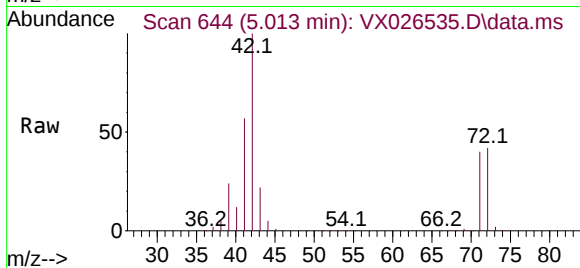
Tgt Ion: 42 Resp: 150412

Ion Ratio Lower Upper

42 100

72 43.3 34.6 52.0

71 39.7 31.8 47.8



#30

Chloroform

Concen: 49.192 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX026535.D

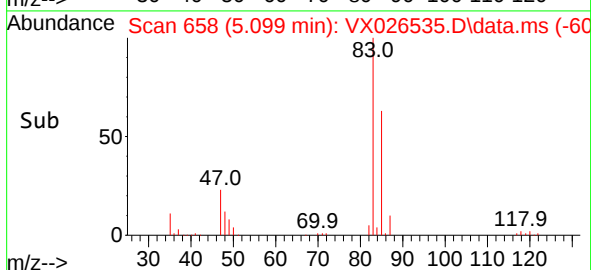
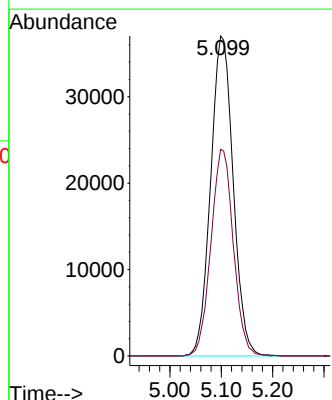
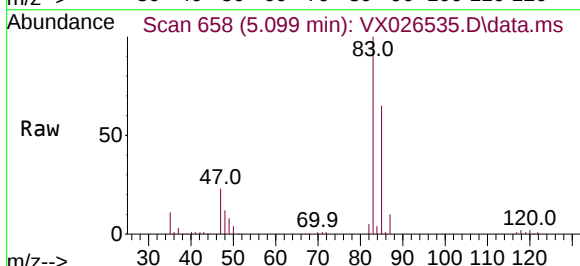
Acq: 20 Jan 2022 18:58

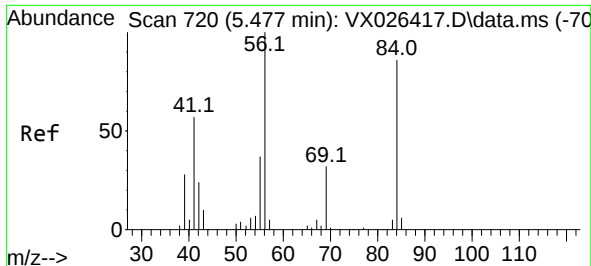
Tgt Ion: 83 Resp: 112725

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

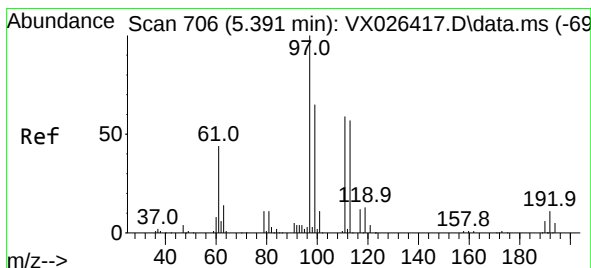
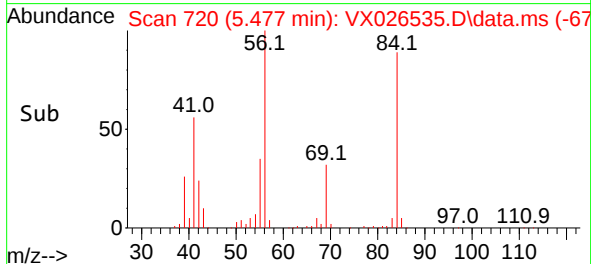
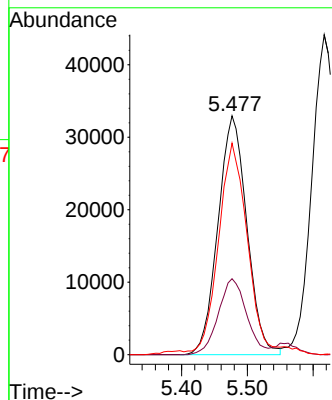
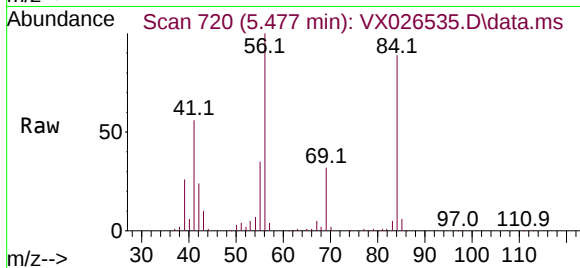




#31  
Cyclohexane  
Concen: 46.659 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

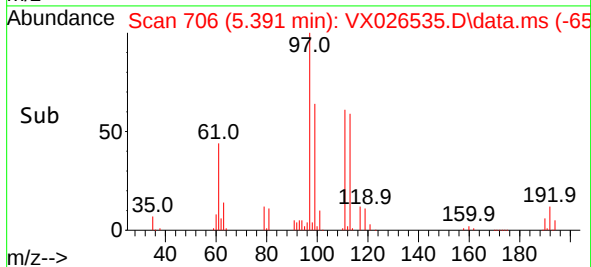
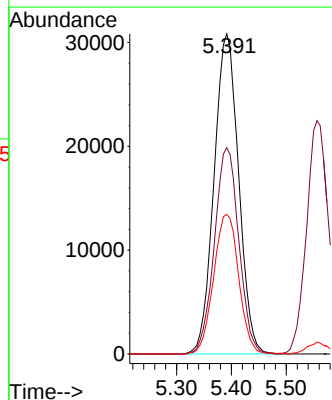
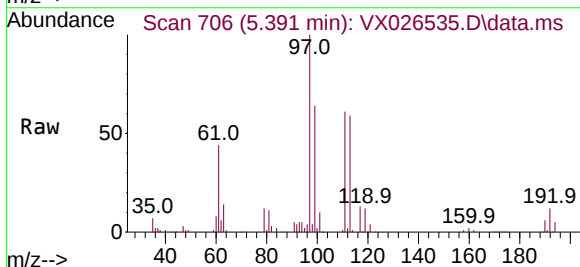
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

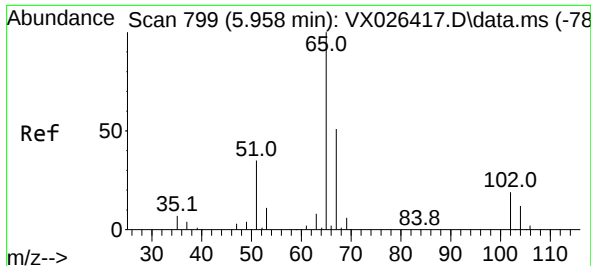
Tgt Ion: 56 Resp: 100634  
Ion Ratio Lower Upper  
56 100  
69 31.9 25.8 38.6  
84 86.9 68.9 103.3



#32  
1,1,1-Trichloroethane  
Concen: 47.631 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 97 Resp: 96008  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.3 76.9  
61 44.6 35.0 52.6

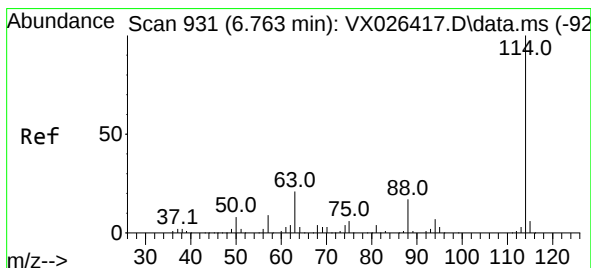
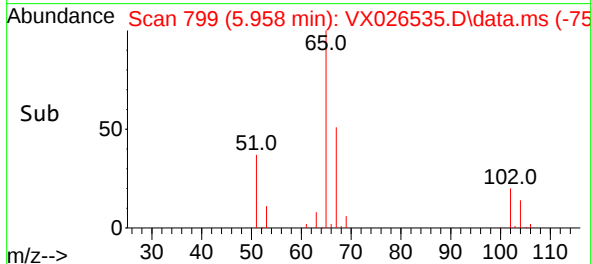
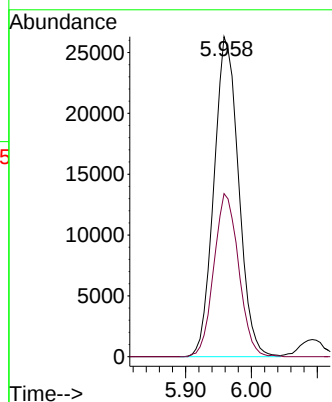
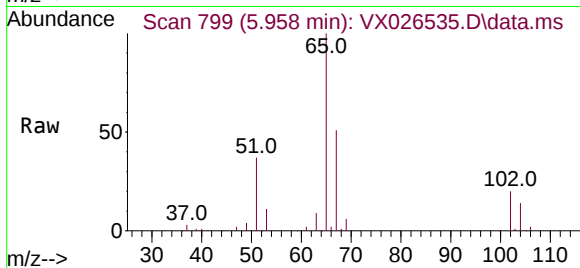




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.003 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX026535.D  
 Acq: 20 Jan 2022 18:58

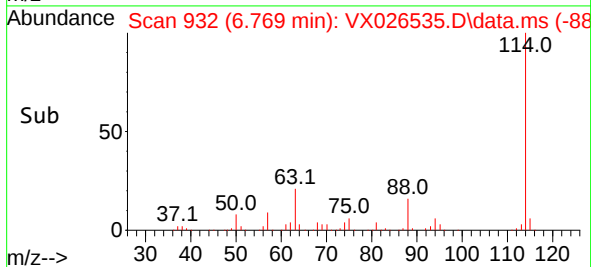
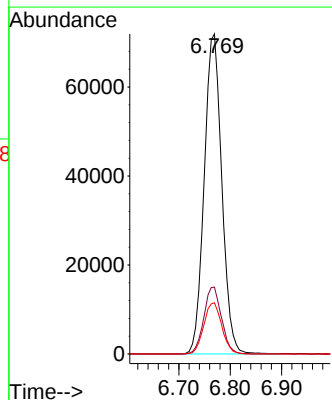
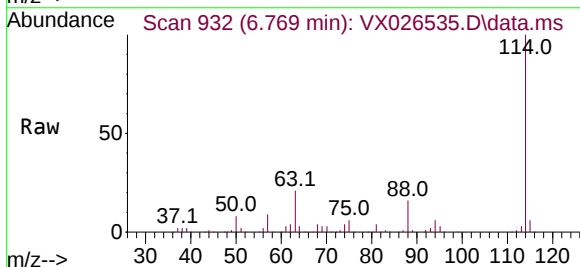
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

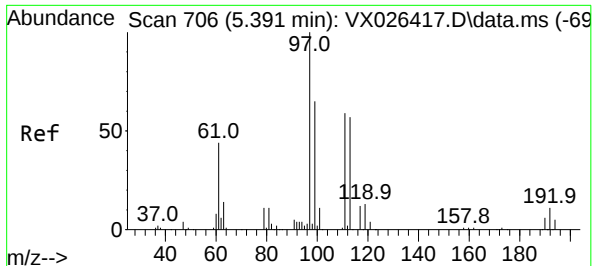
Tgt Ion: 65 Resp: 68731  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.006 min  
 Lab File: VX026535.D  
 Acq: 20 Jan 2022 18:58

Tgt Ion: 114 Resp: 170776  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 0.0 42.8  
 88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.281 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

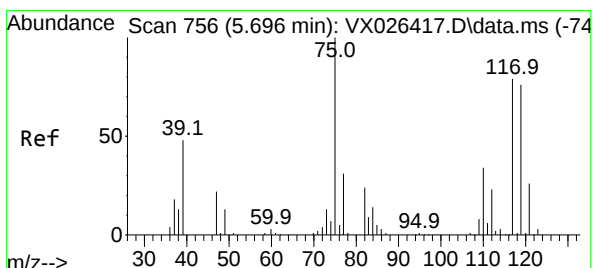
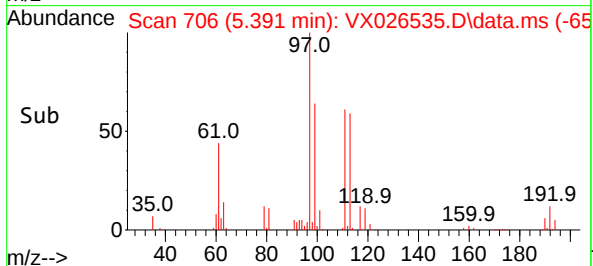
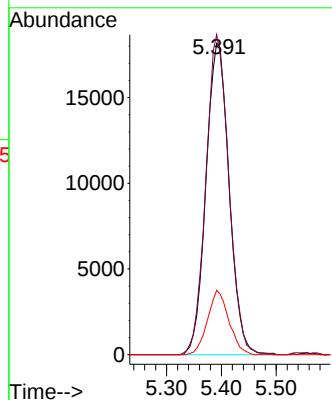
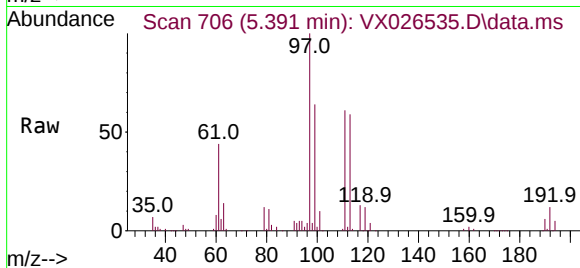
Tgt Ion:113 Resp: 53245

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

192 19.0 15.0 22.4



#36

1,1-Dichloropropene

Concen: 46.863 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.006 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

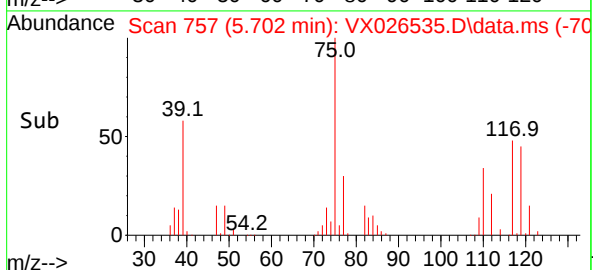
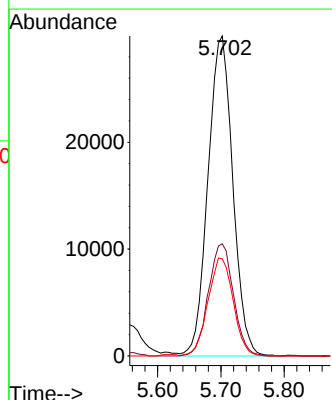
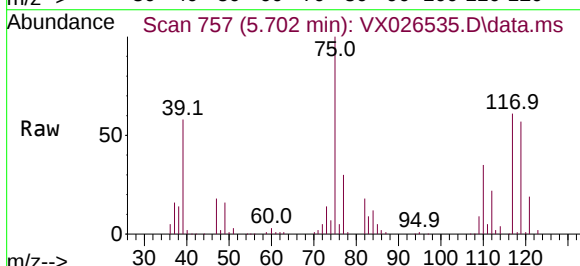
Tgt Ion: 75 Resp: 81586

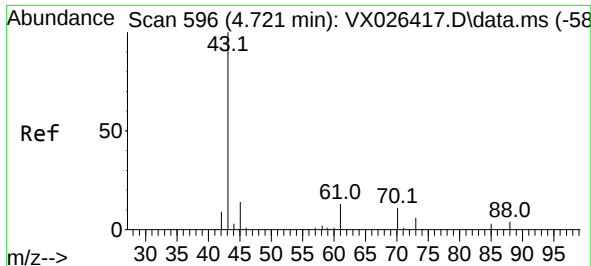
Ion Ratio Lower Upper

75 100

110 35.4 17.2 51.6

77 31.1 24.6 36.8





#37

Ethyl Acetate

Concen: 51.976 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

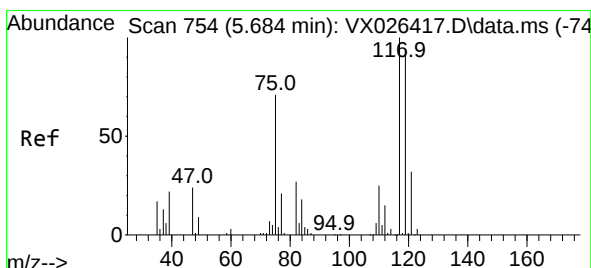
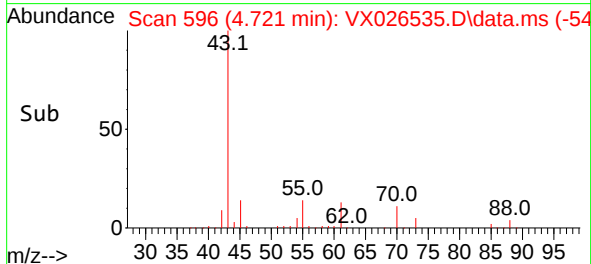
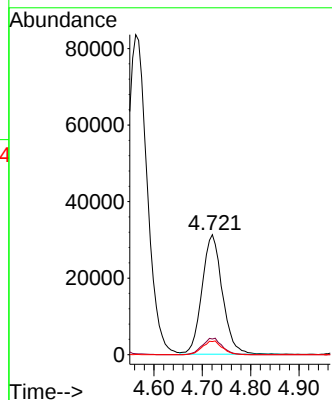
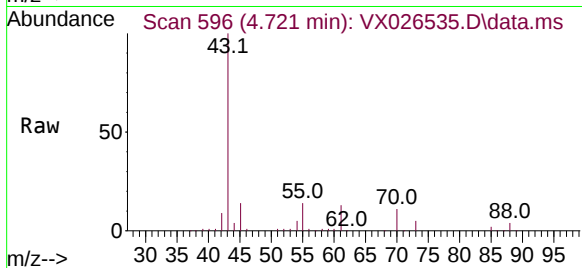
Tgt Ion: 43 Resp: 91536

Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

70 11.1 8.5 12.7



#38

Carbon Tetrachloride

Concen: 46.368 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

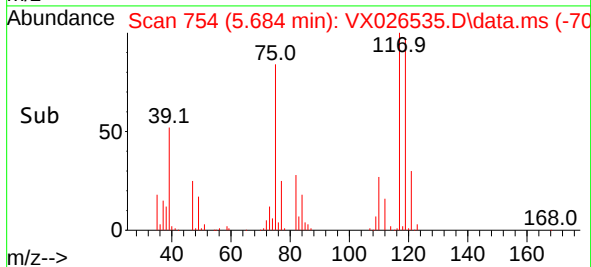
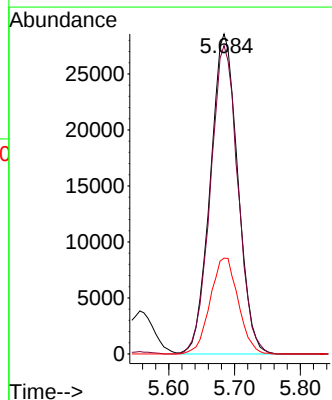
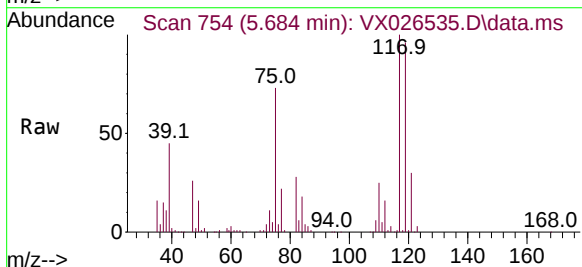
Tgt Ion: 117 Resp: 83035

Ion Ratio Lower Upper

117 100

119 96.4 74.7 112.1

121 30.0 25.4 38.0

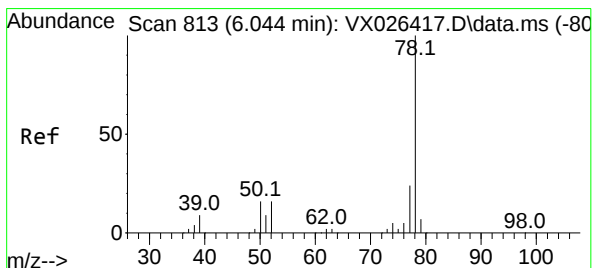
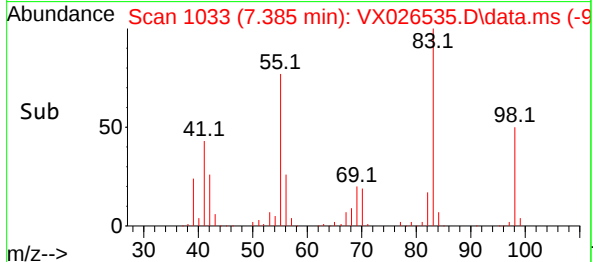
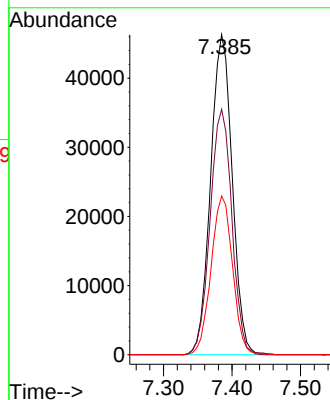
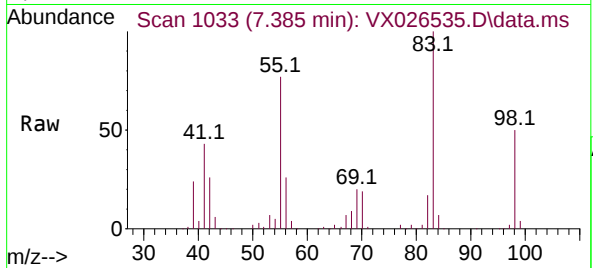




#39  
Methylcyclohexane  
Concen: 48.228 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

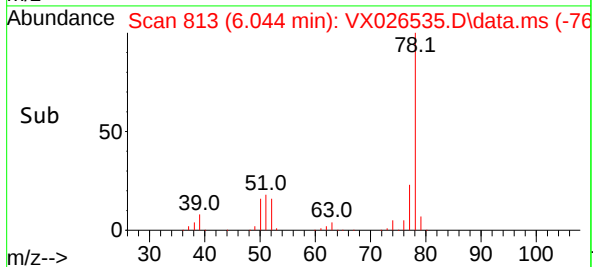
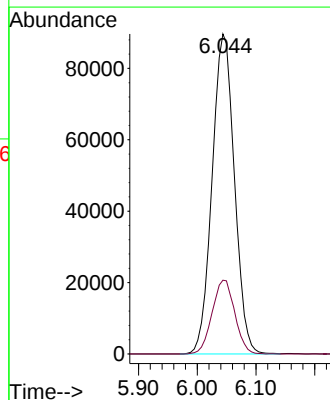
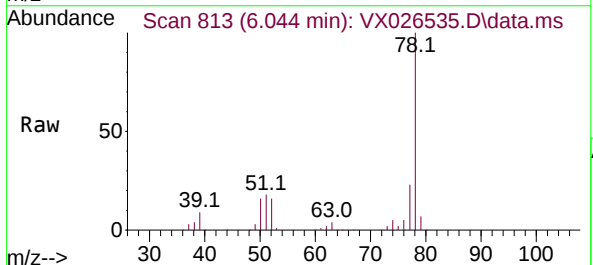
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

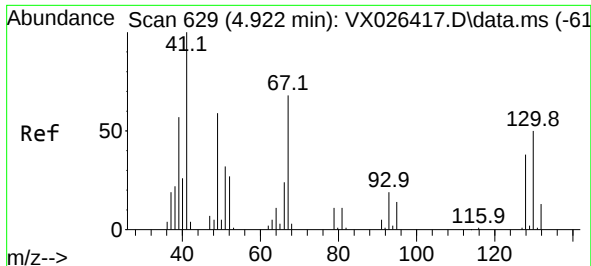
Tgt Ion: 83 Resp: 101276  
Ion Ratio Lower Upper  
83 100  
55 76.6 63.6 95.4  
98 49.6 38.4 57.6



#40  
Benzene  
Concen: 49.152 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 78 Resp: 236520  
Ion Ratio Lower Upper  
78 100  
77 23.0 18.9 28.3

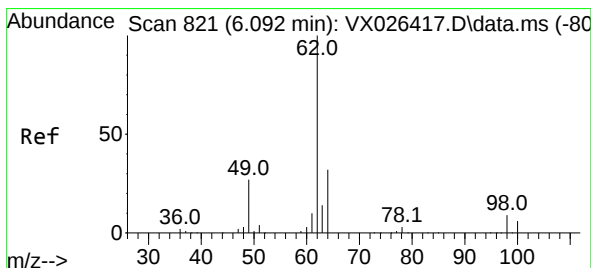
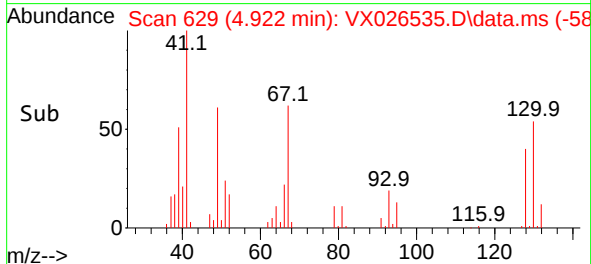
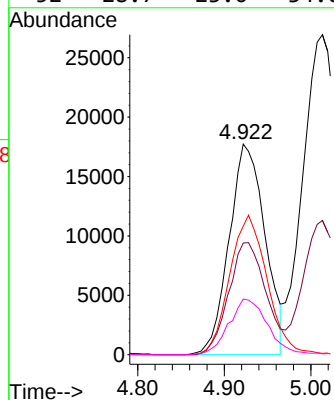
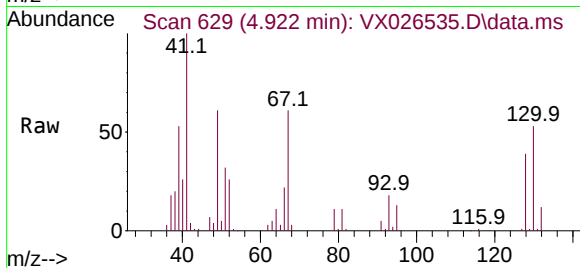




#41  
Methacrylonitrile  
Concen: 51.272 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

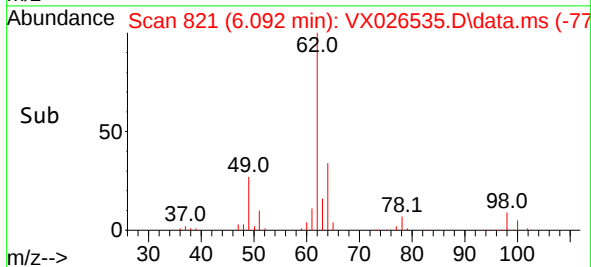
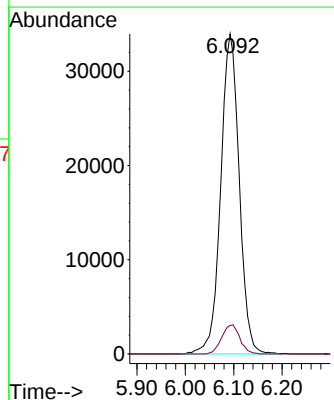
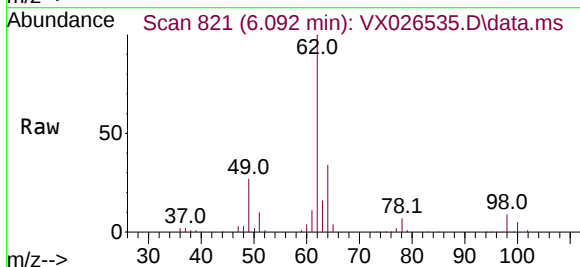
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

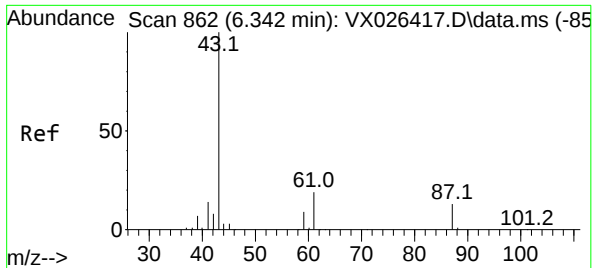
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 51150 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 55.9     | 45.4 68.0   |
| 67 69.0     | 53.2 79.8   |
| 52 28.7     | 23.0 34.6   |



#42  
1,2-Dichloroethane  
Concen: 47.921 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 90221 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.9      | 0.0 17.8    |

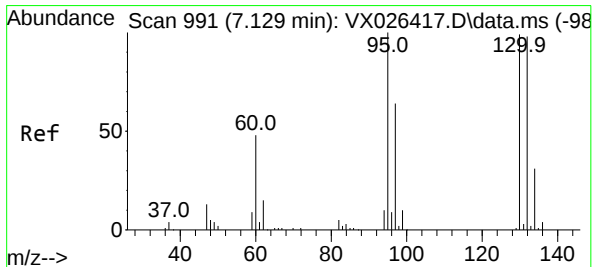
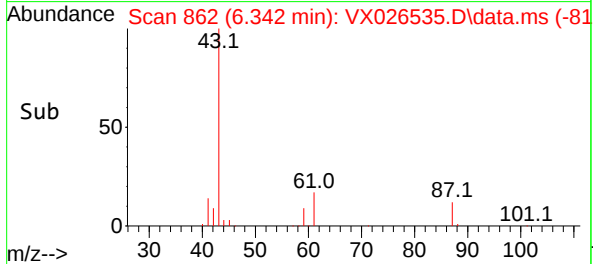
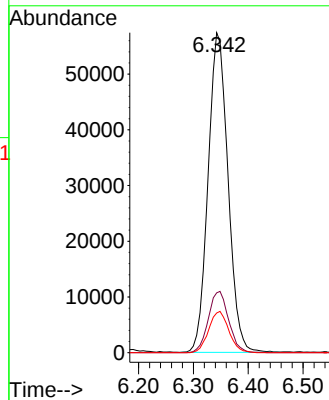
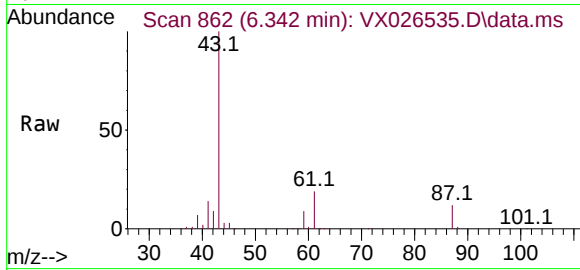




#43  
Isopropyl Acetate  
Concen: 50.824 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

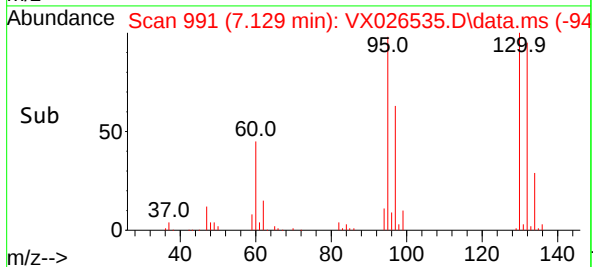
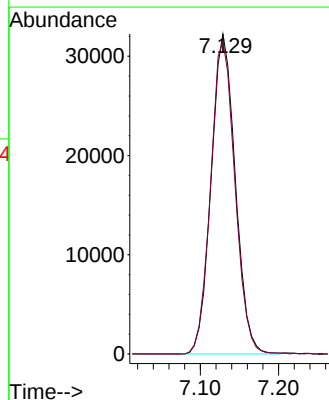
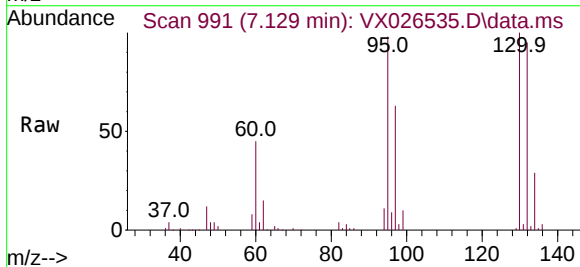
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 144585  
Ion Ratio Lower Upper  
43 100  
61 19.6 15.4 23.0  
87 13.0 10.2 15.2



#44  
Trichloroethene  
Concen: 50.415 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion:130 Resp: 68839  
Ion Ratio Lower Upper  
130 100  
95 97.6 0.0 202.6





#45

1,2-Dichloropropane

Concen: 50.786 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

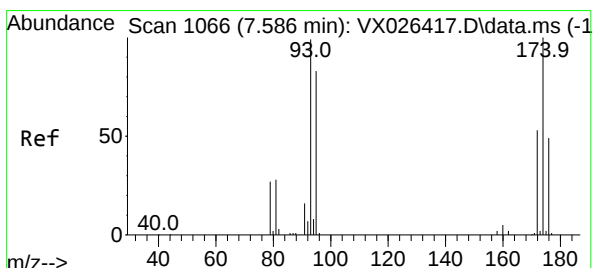
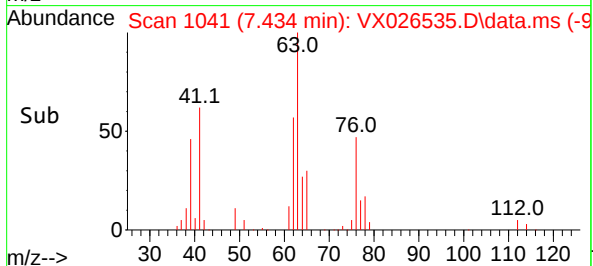
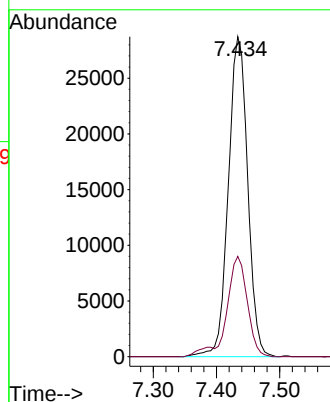
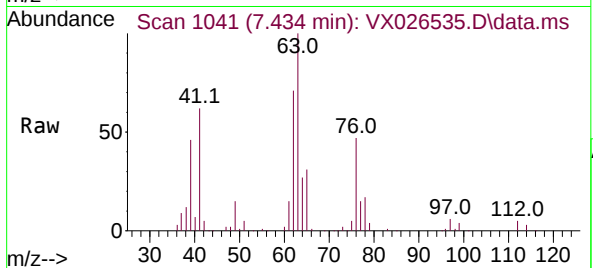
VSTDCCC050EC

Tgt Ion: 63 Resp: 61001

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 49.322 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

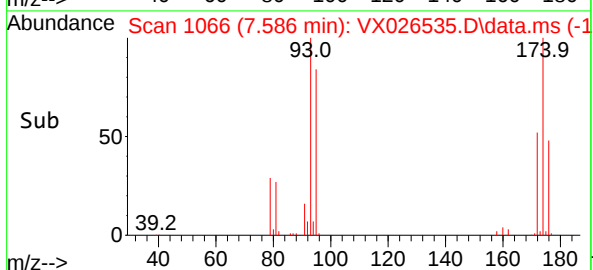
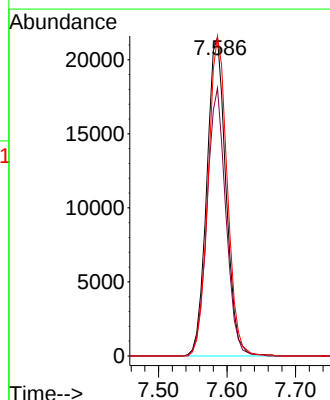
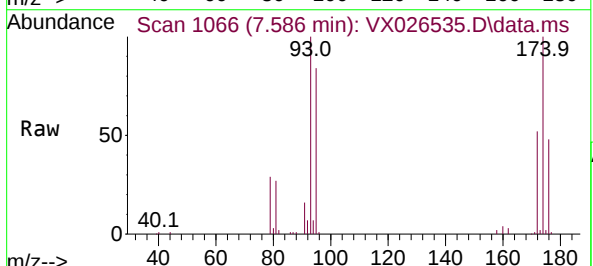
Tgt Ion: 93 Resp: 41762

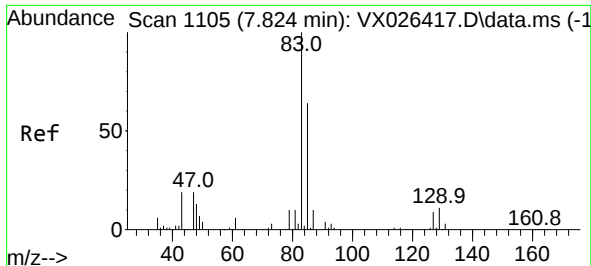
Ion Ratio Lower Upper

93 100

95 82.5 66.1 99.1

174 100.4 78.7 118.1

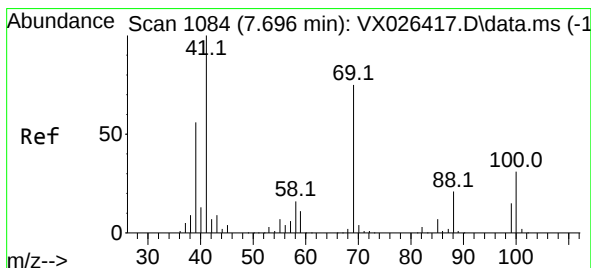
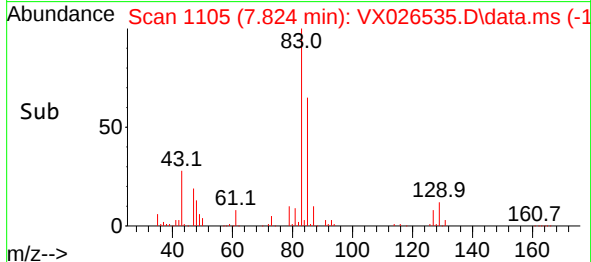
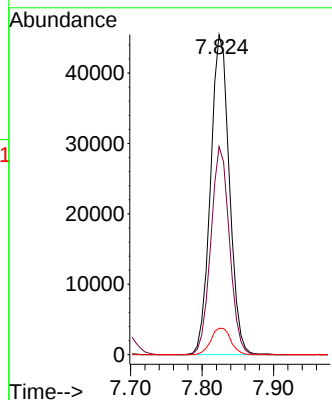
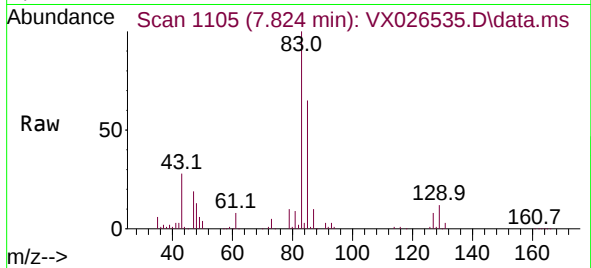




#47  
Bromodichloromethane  
Concen: 48.561 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

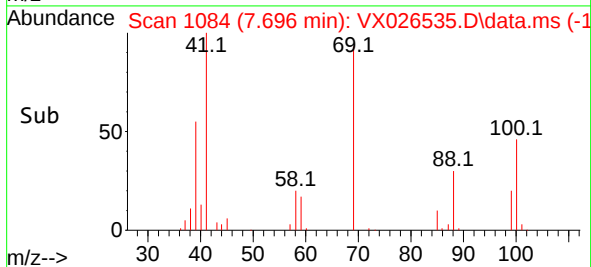
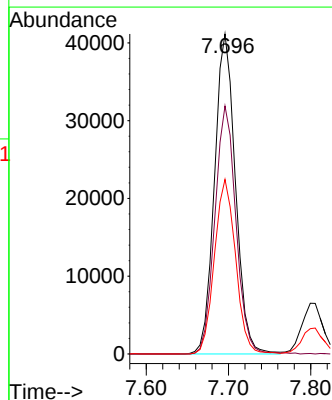
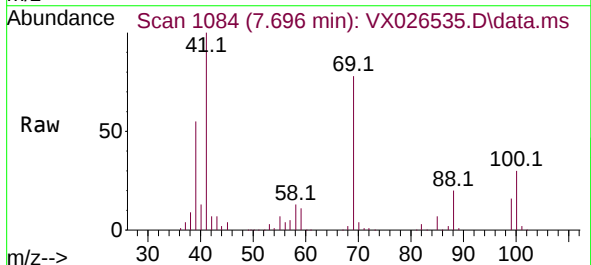
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

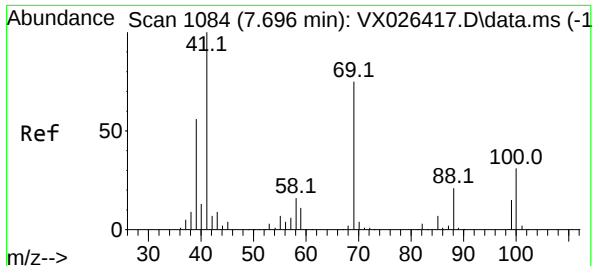
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 83079 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.0  | 51.4  | 77.0  |
| 127      | 8.2   | 6.9   | 10.3  |



#48  
Methyl methacrylate  
Concen: 51.729 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 72928 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 78.1  | 62.2  | 93.4  |
| 39       | 55.1  | 45.4  | 68.0  |





#49

1,4-Dioxane

Concen: 1008.636 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.012 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

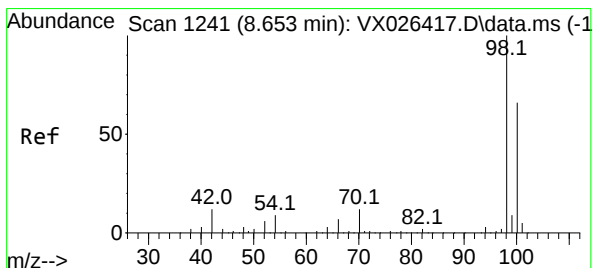
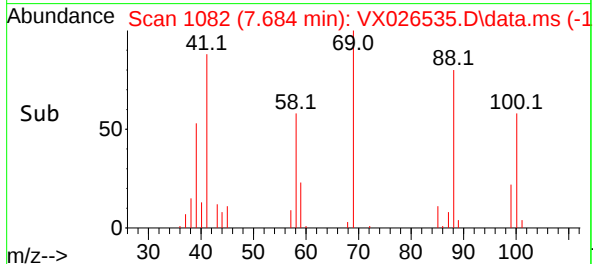
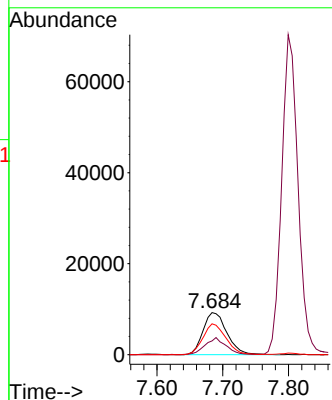
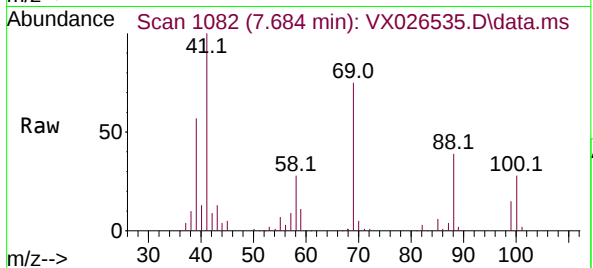
Tgt Ion: 88 Resp: 23336

Ion Ratio Lower Upper

88 100

43 35.6 29.9 44.9

58 70.6 57.8 86.6



#50

Toluene-d8

Concen: 48.938 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026535.D

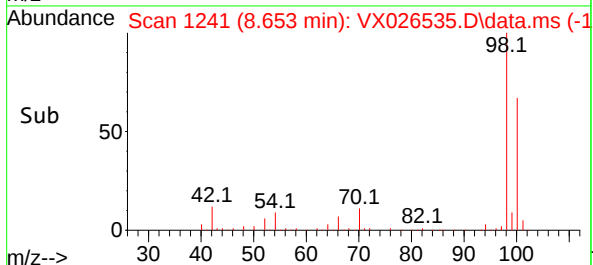
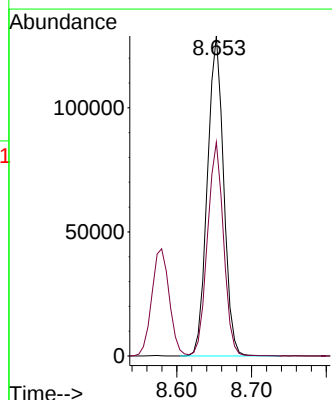
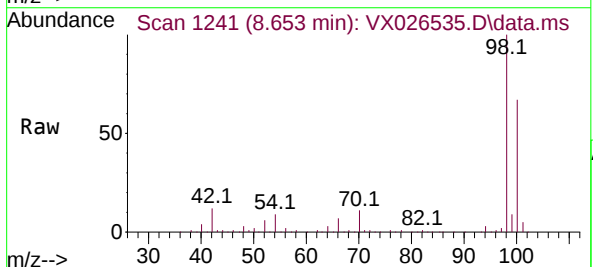
Acq: 20 Jan 2022 18:58

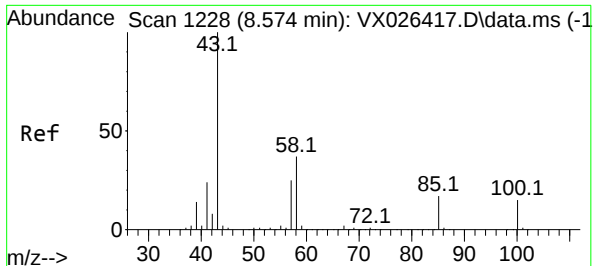
Tgt Ion: 98 Resp: 194485

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8

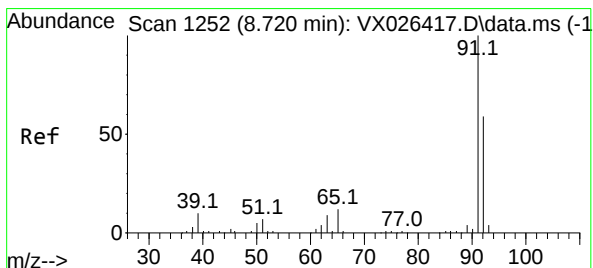
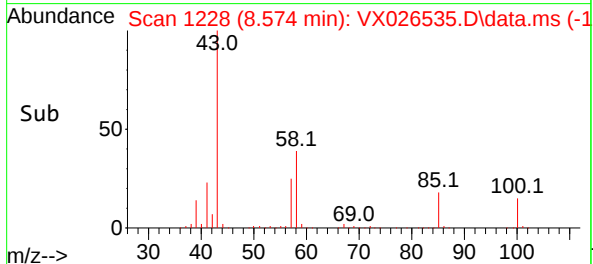
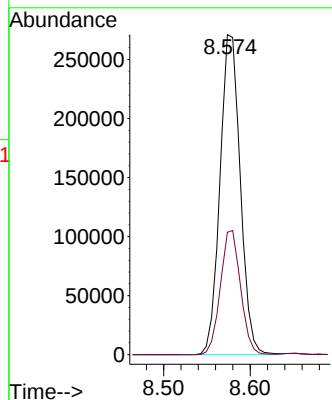
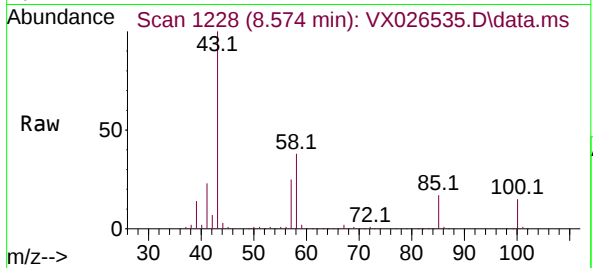




#51  
4-Methyl-2-Pentanone  
Concen: 262.021 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

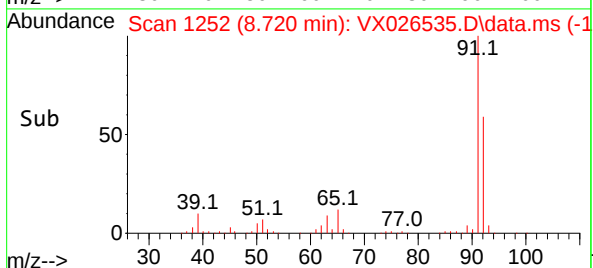
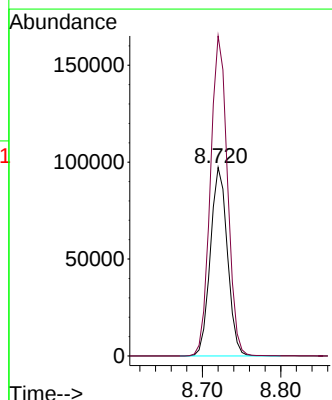
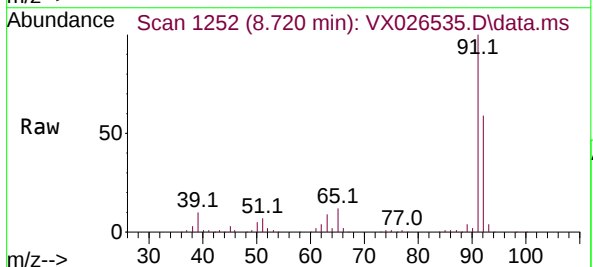
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

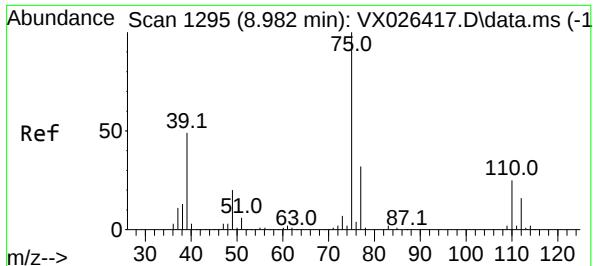
Tgt Ion: 43 Resp: 442121  
Ion Ratio Lower Upper  
43 100  
58 38.5 30.5 45.7



#52  
Toluene  
Concen: 49.740 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 92 Resp: 146777  
Ion Ratio Lower Upper  
92 100  
91 170.3 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 45.004 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

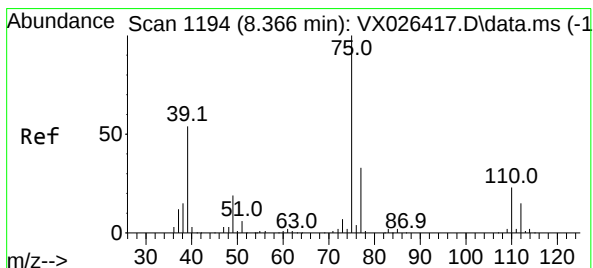
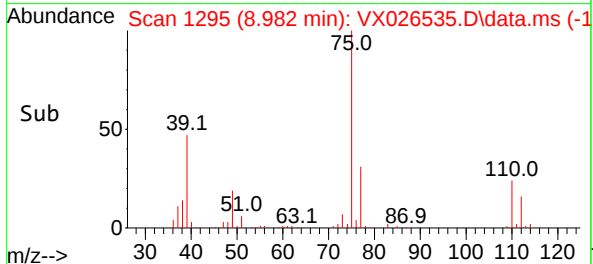
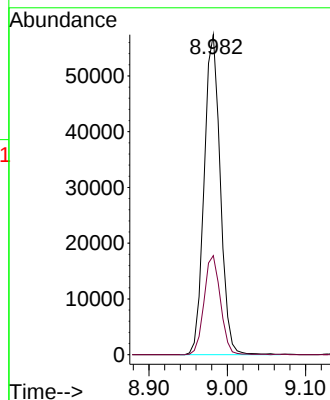
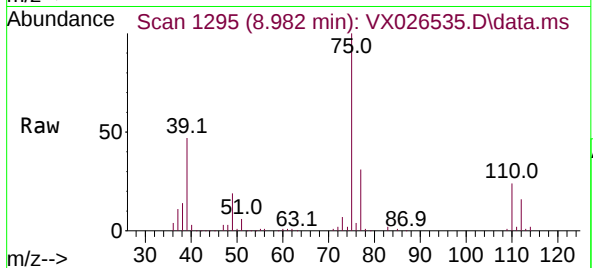
VSTDCCC050EC

Tgt Ion: 75 Resp: 81949

Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 50.614 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

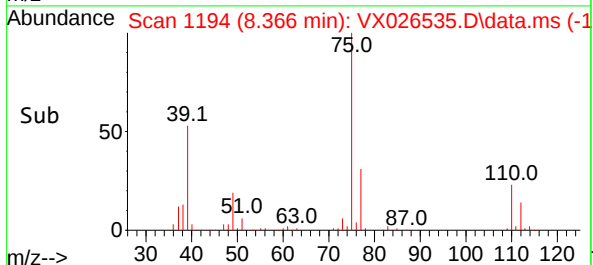
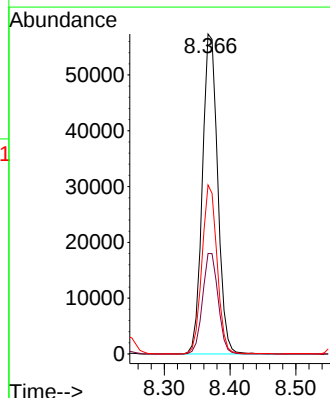
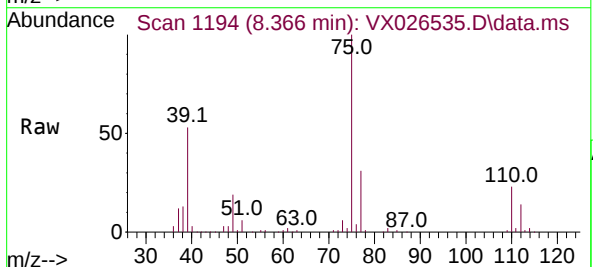
Tgt Ion: 75 Resp: 93005

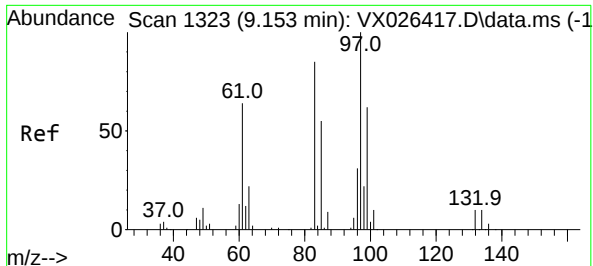
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

39 52.8 43.5 65.3





#55

1,1,2-Trichloroethane

Concen: 50.470 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 58119

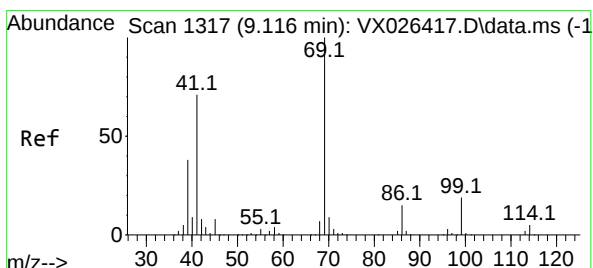
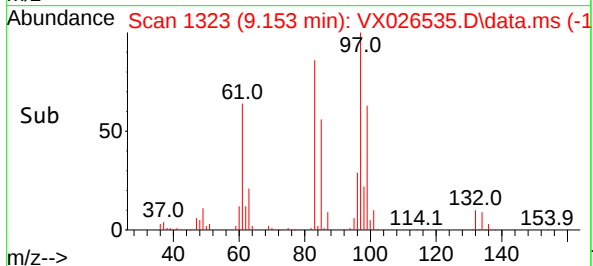
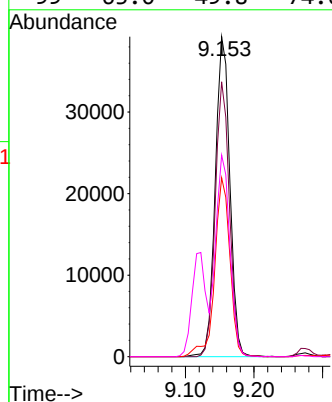
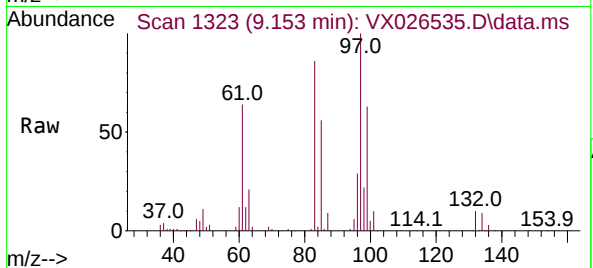
Ion Ratio Lower Upper

97 100

83 85.9 68.4 102.6

85 55.9 44.0 66.0

99 63.0 49.8 74.6



#56

Ethyl methacrylate

Concen: 52.880 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

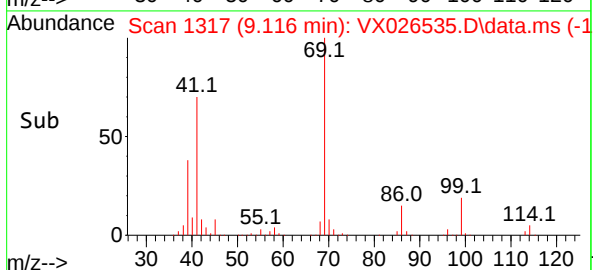
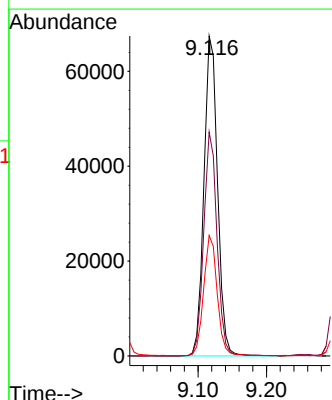
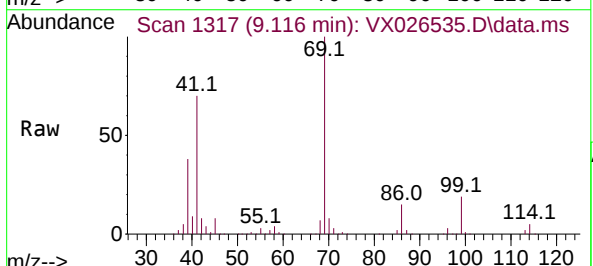
Tgt Ion: 69 Resp: 93320

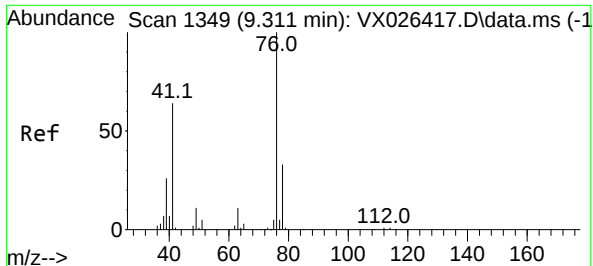
Ion Ratio Lower Upper

69 100

41 69.0 57.2 85.8

39 38.0 30.9 46.3





#57

1,3-Dichloropropane

Concen: 50.645 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

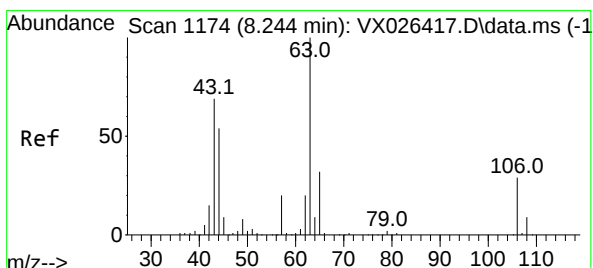
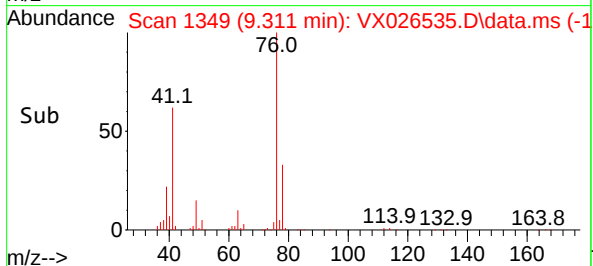
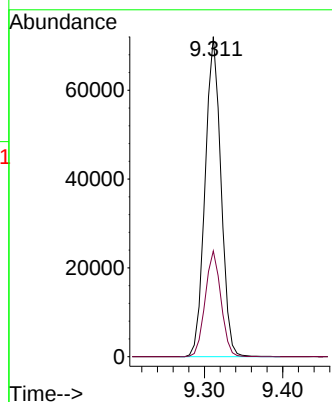
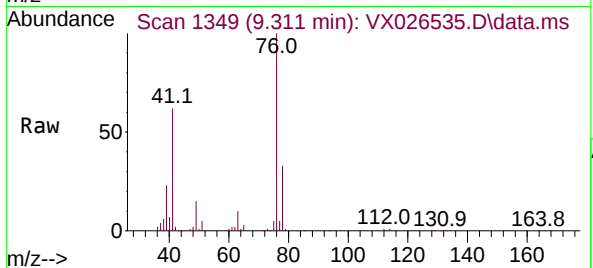
VSTDCCC050EC

Tgt Ion: 76 Resp: 101110

Ion Ratio Lower Upper

76 100

78 32.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 267.561 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX026535.D

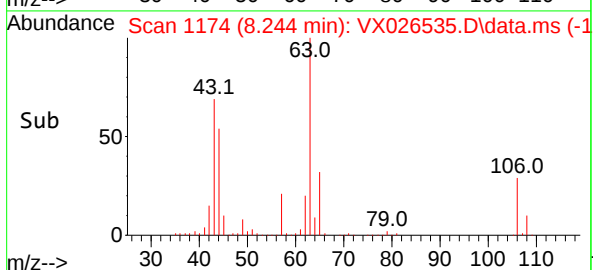
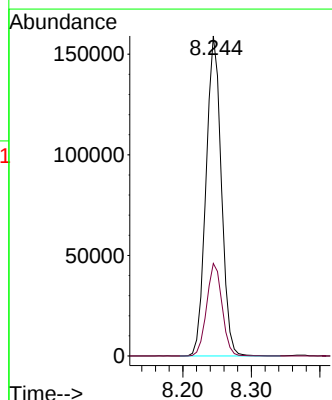
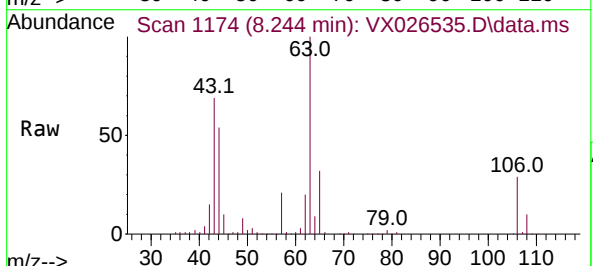
Acq: 20 Jan 2022 18:58

Tgt Ion: 63 Resp: 247593

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.6





#59

2-Hexanone

Concen: 255.677 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

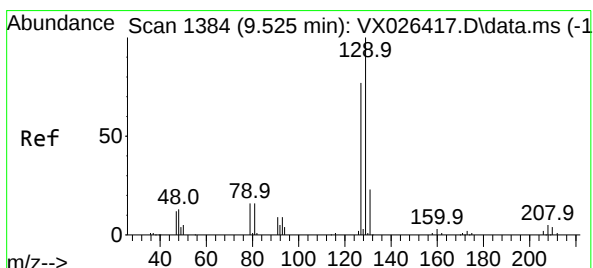
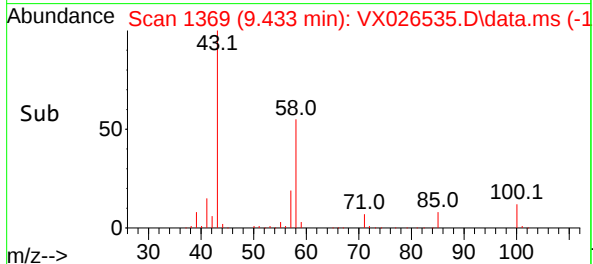
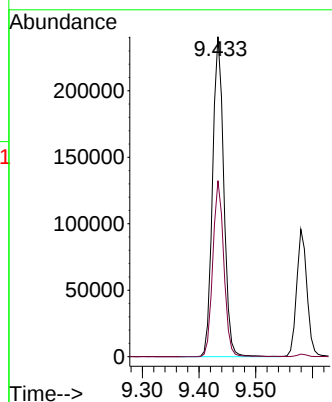
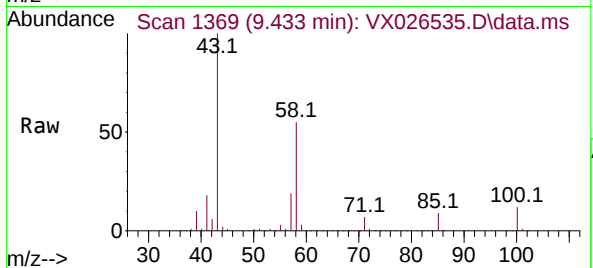
VSTDCCC050EC

Tgt Ion: 43 Resp: 330195

Ion Ratio Lower Upper

43 100

58 53.9 26.4 79.2



#60

Dibromochloromethane

Concen: 49.254 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX026535.D

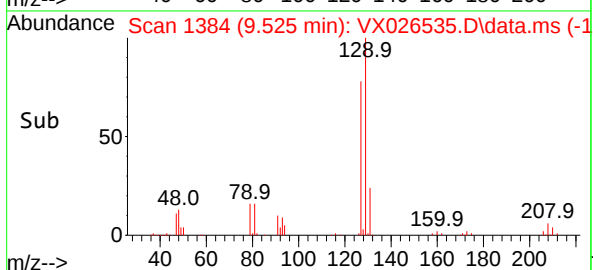
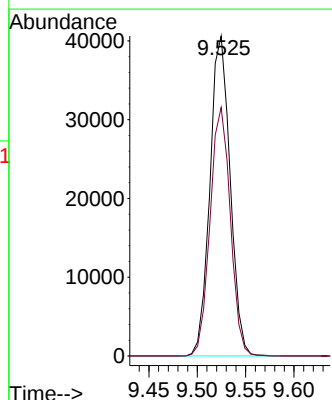
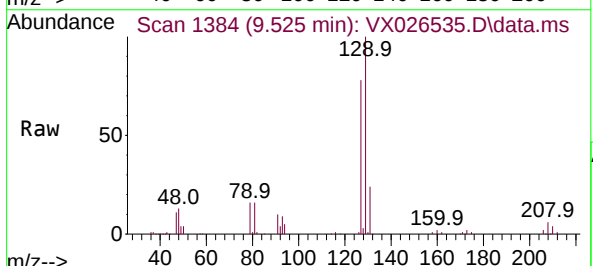
Acq: 20 Jan 2022 18:58

Tgt Ion: 129 Resp: 59104

Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.5

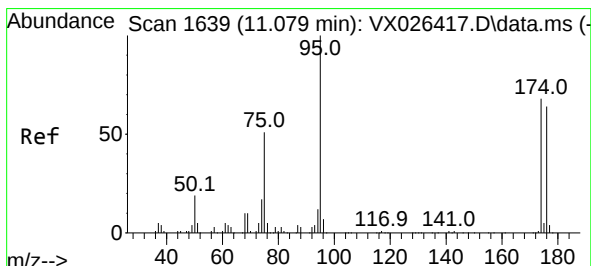
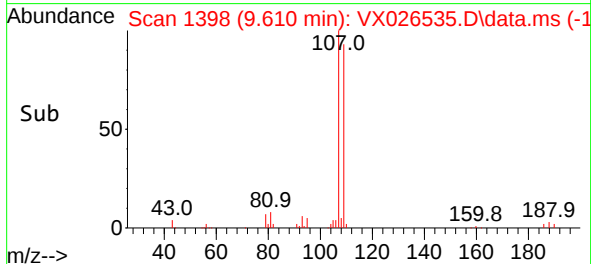
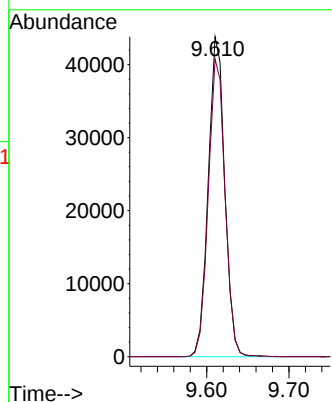
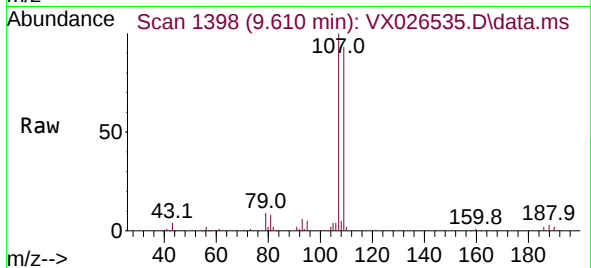




#61  
1,2-Dibromoethane  
Concen: 50.893 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

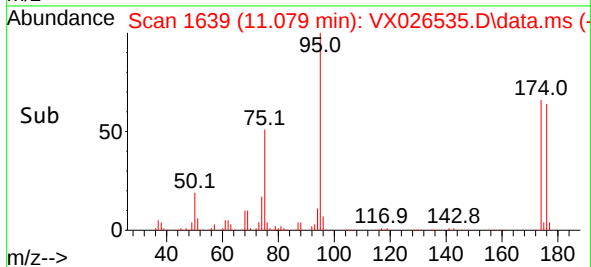
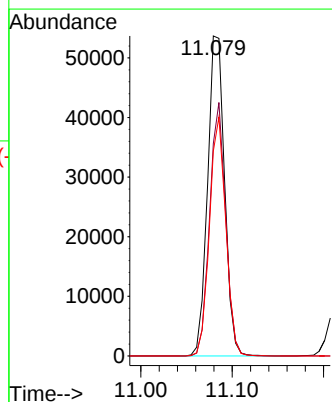
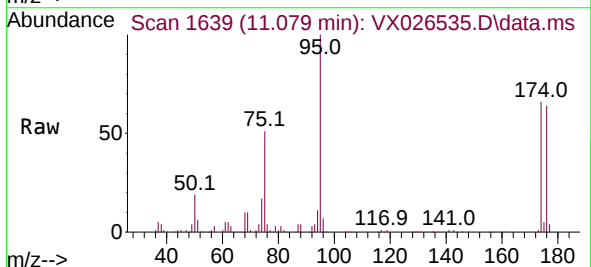
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

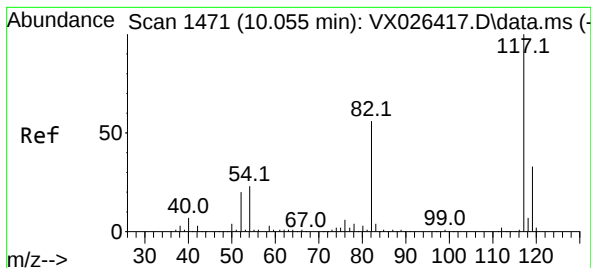
Tgt Ion:107 Resp: 61068  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.5 113.3



#62  
4-Bromofluorobenzene  
Concen: 49.058 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 95 Resp: 69258  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 148.6  
176 71.3 0.0 141.4

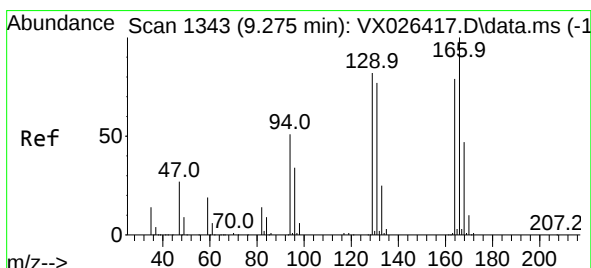
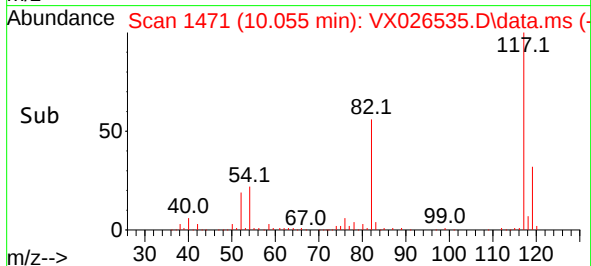
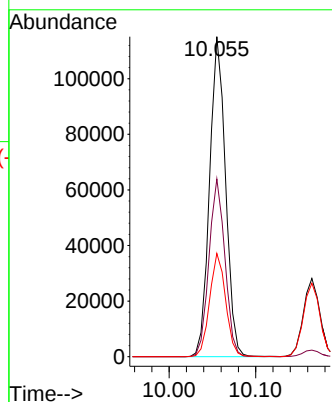
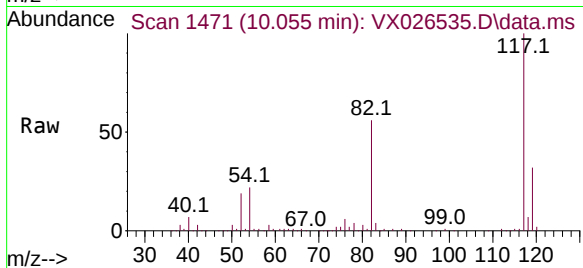




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

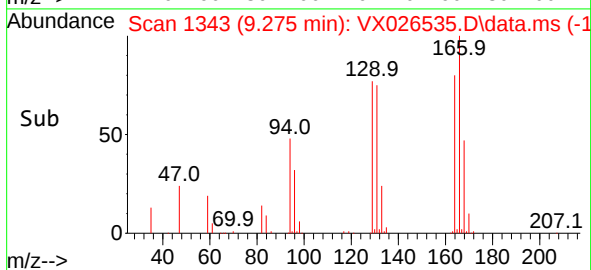
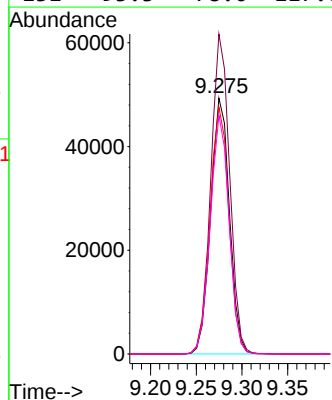
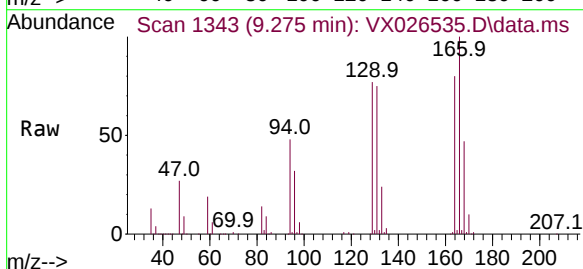
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

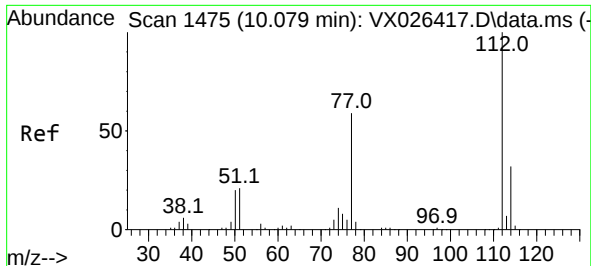
Tgt Ion:117 Resp: 147587  
Ion Ratio Lower Upper  
117 100  
82 55.6 45.2 67.8  
119 32.3 26.2 39.2



#64  
Tetrachloroethene  
Concen: 50.602 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion:164 Resp: 70548  
Ion Ratio Lower Upper  
164 100  
166 125.0 101.8 152.6  
129 96.4 83.3 124.9  
131 93.3 78.0 117.0

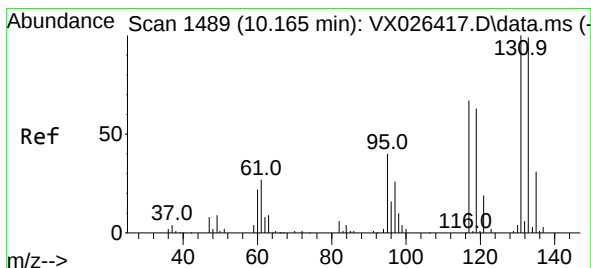
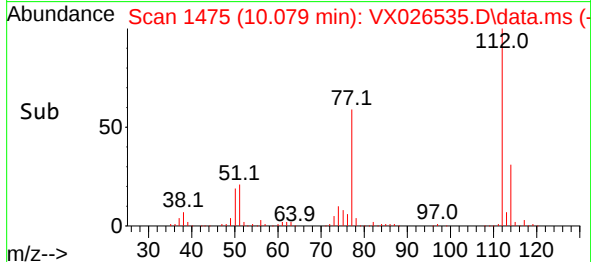
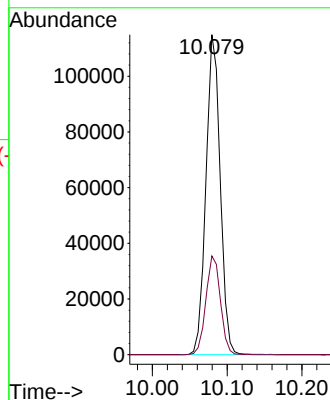
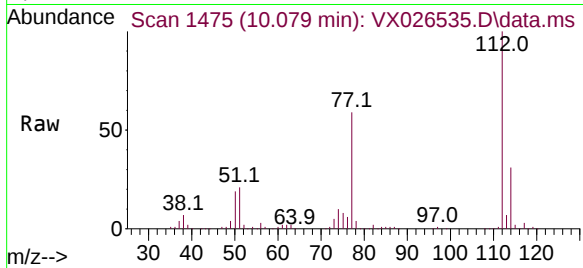




#65  
Chlorobenzene  
Concen: 48.876 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

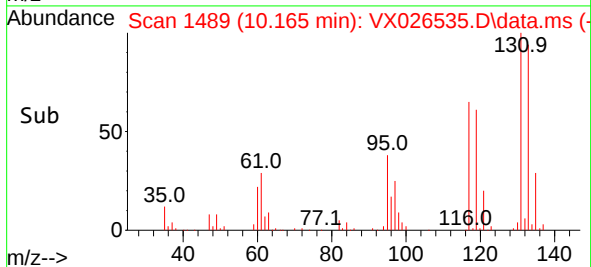
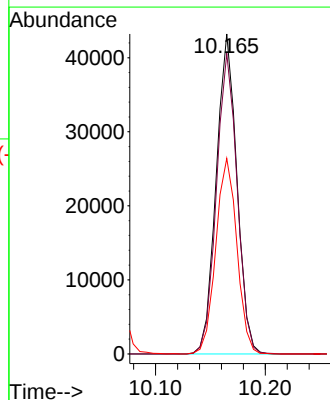
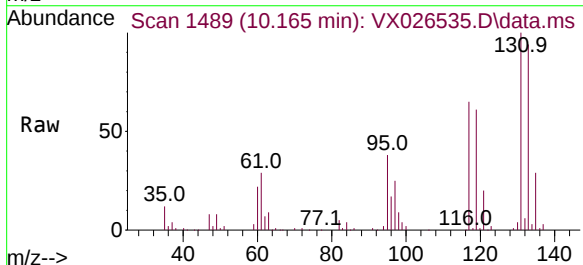
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

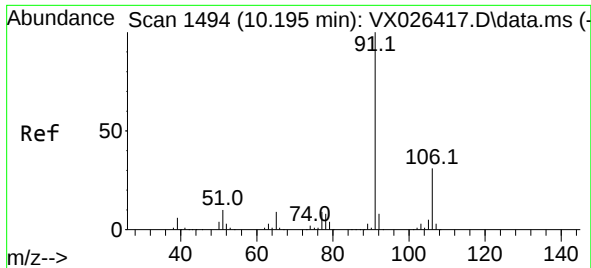
Tgt Ion:112 Resp: 151905  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.999 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion:131 Resp: 56585  
Ion Ratio Lower Upper  
131 100  
133 94.1 47.9 143.8  
119 62.4 31.7 95.1





#67

Ethyl Benzene

Concen: 48.961 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

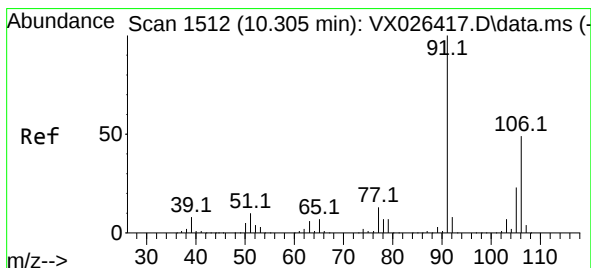
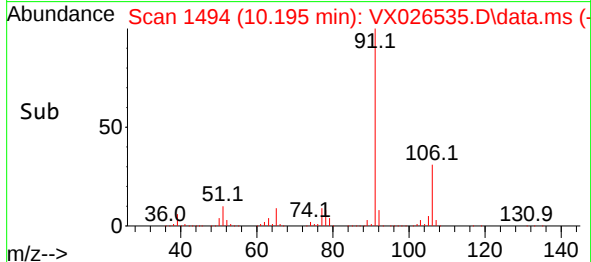
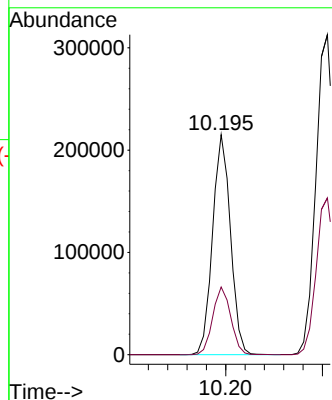
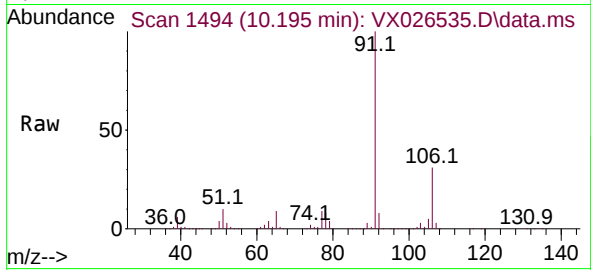
VSTDCCC050EC

Tgt Ion: 91 Resp: 276526

Ion Ratio Lower Upper

91 100

106 30.8 24.7 37.1



#68

m/p-Xylenes

Concen: 98.703 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX026535.D

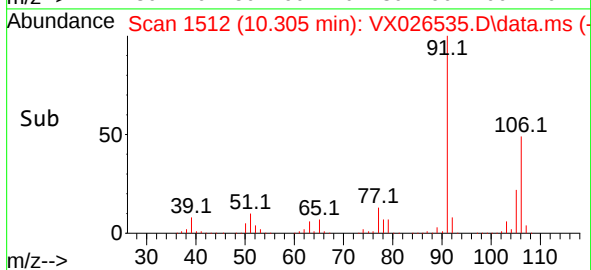
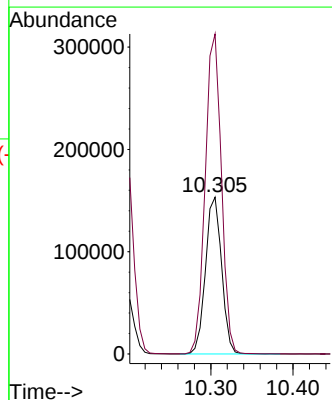
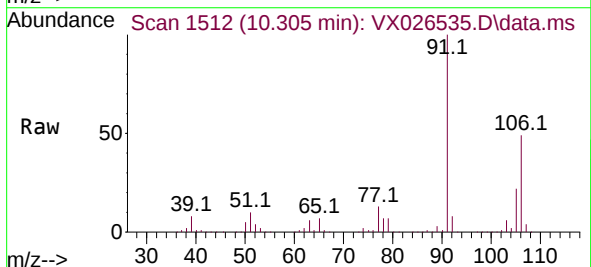
Acq: 20 Jan 2022 18:58

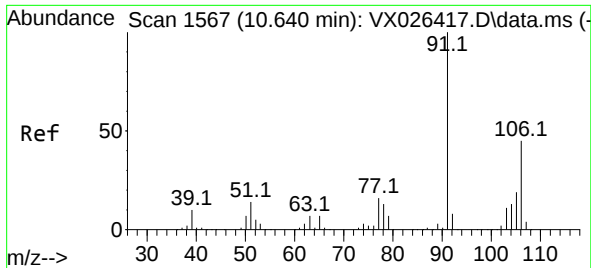
Tgt Ion:106 Resp: 208619

Ion Ratio Lower Upper

106 100

91 205.2 165.3 247.9

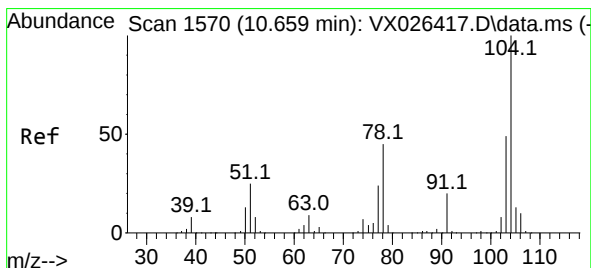
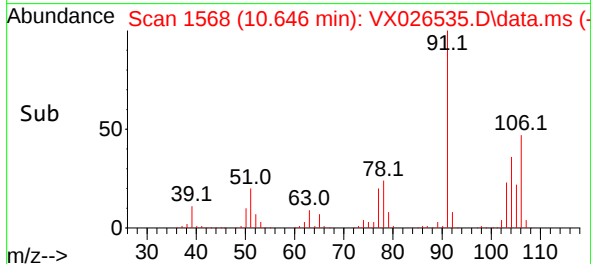
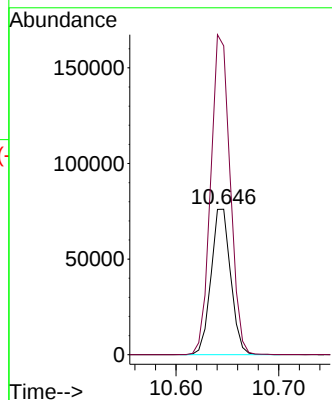
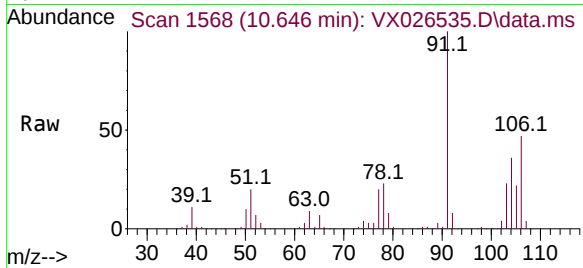




#69  
o-Xylene  
Concen: 49.599 ug/l  
RT: 10.646 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

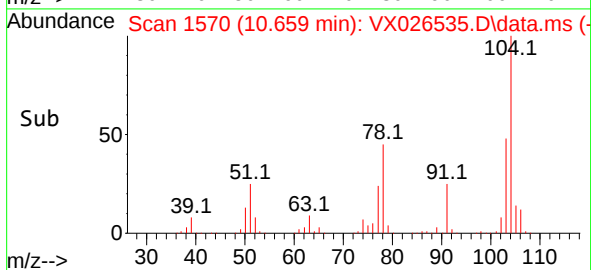
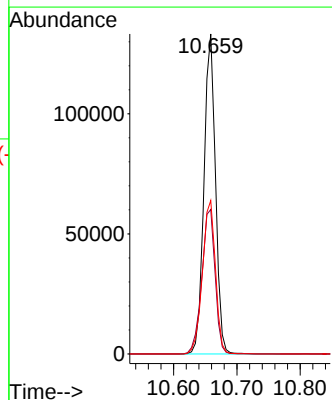
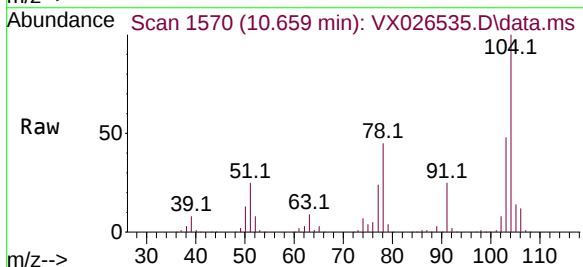
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

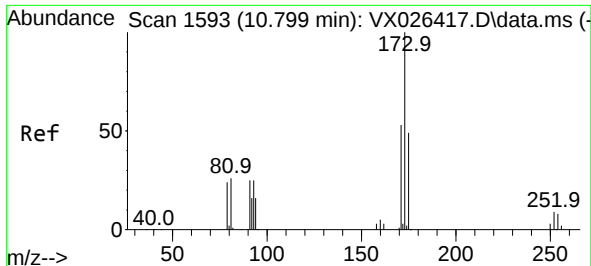
Tgt Ion:106 Resp: 101156  
Ion Ratio Lower Upper  
106 100  
91 217.5 109.7 329.0



#70  
Styrene  
Concen: 50.874 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion:104 Resp: 169307  
Ion Ratio Lower Upper  
104 100  
78 52.1 42.5 63.7  
103 54.0 43.3 64.9

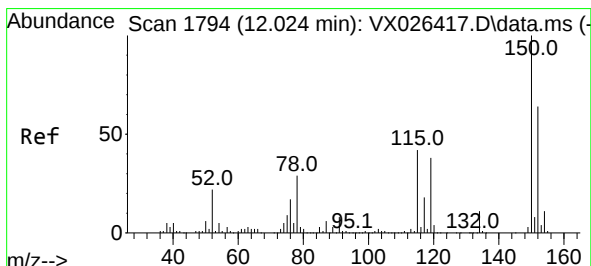
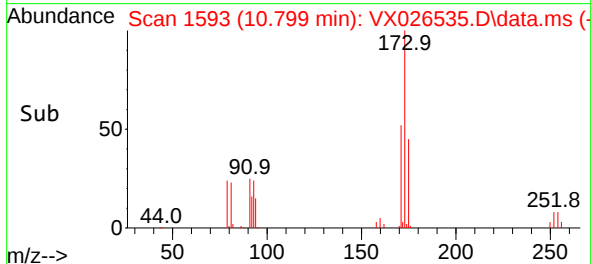
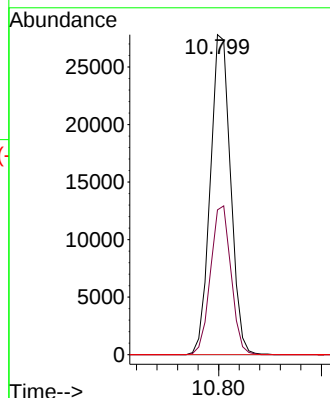
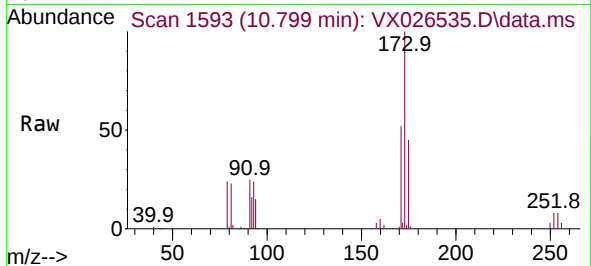




#71  
Bromoform  
Concen: 43.403 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

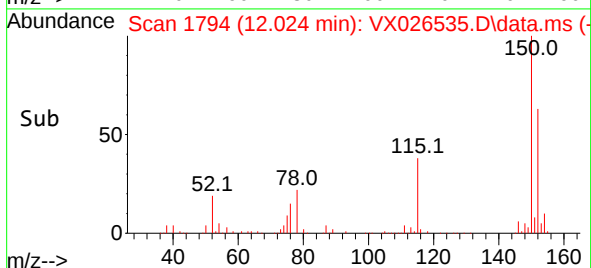
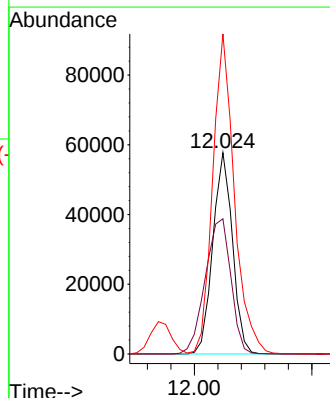
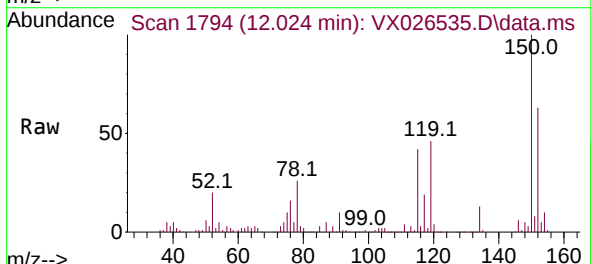
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

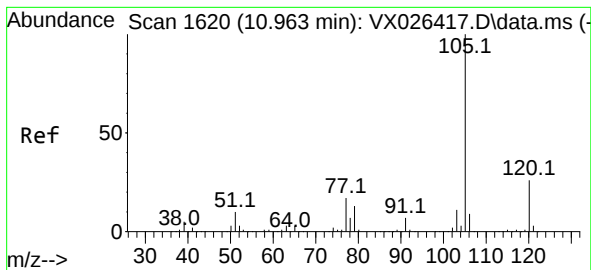
Tgt Ion:173 Resp: 38090  
Ion Ratio Lower Upper  
173 100  
175 46.9 24.3 72.9  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion:152 Resp: 66934  
Ion Ratio Lower Upper  
152 100  
115 87.6 44.2 132.6  
150 175.1 0.0 348.2





#73

Isopropylbenzene

Concen: 49.158 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

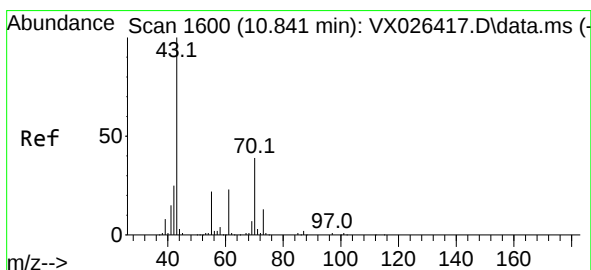
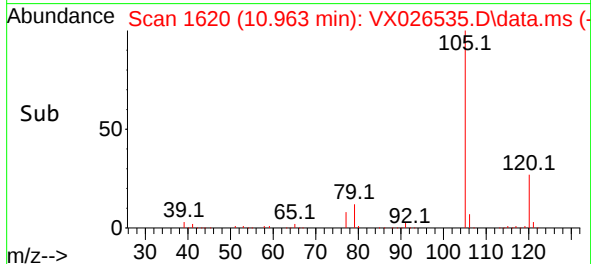
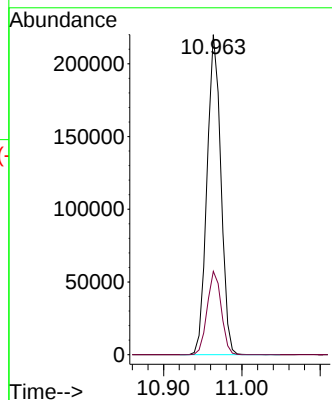
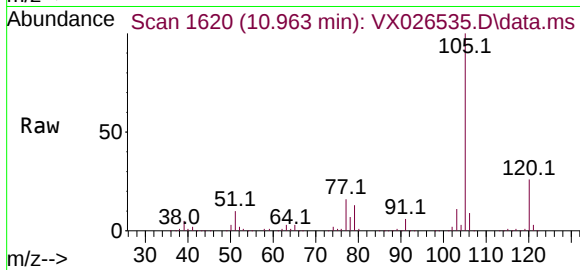
VSTDCCC050EC

Tgt Ion:105 Resp: 269707

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 51.202 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Tgt Ion: 43 Resp: 108452

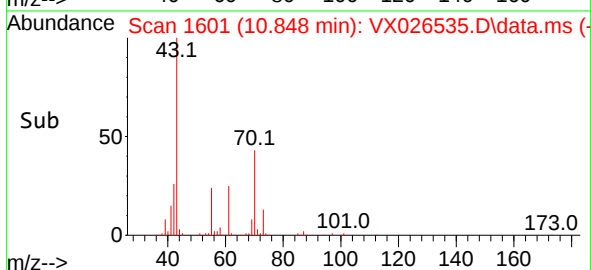
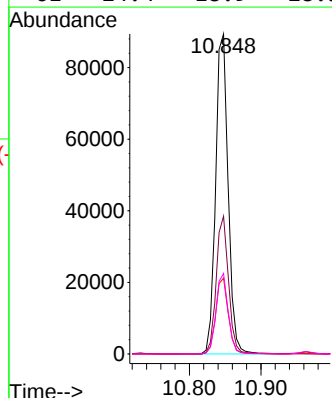
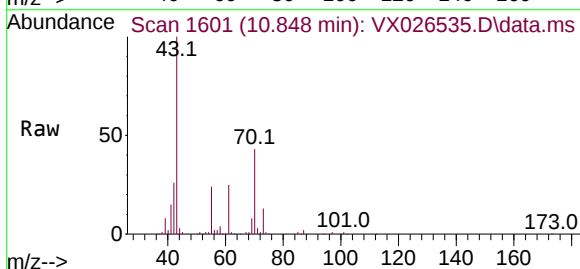
Ion Ratio Lower Upper

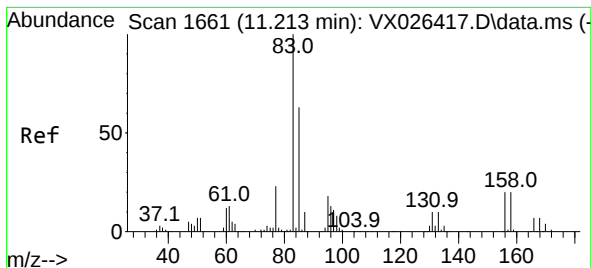
43 100

70 42.3 32.9 49.3

55 24.1 18.3 27.5

61 24.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.469 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

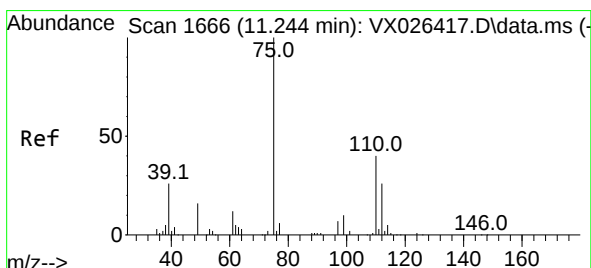
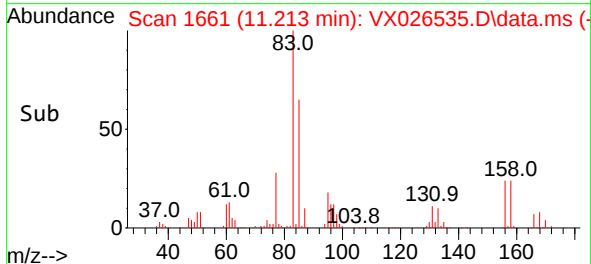
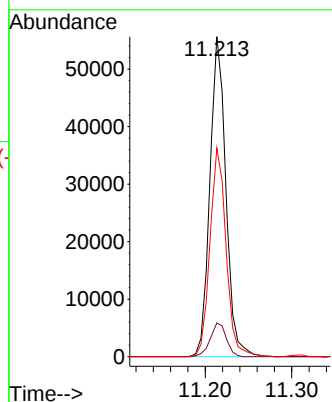
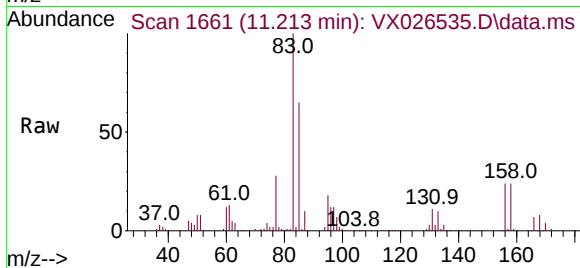
Tgt Ion: 83 Resp: 71378

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

85 65.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 60.113 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX026535.D

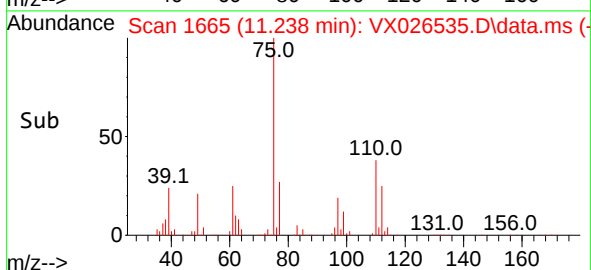
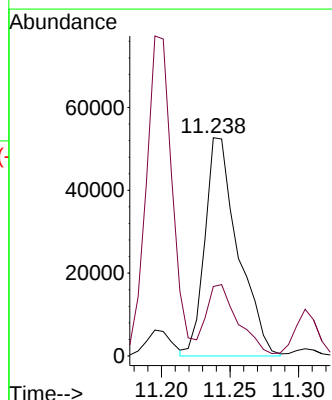
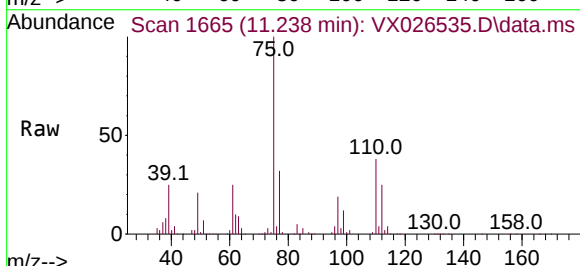
Acq: 20 Jan 2022 18:58

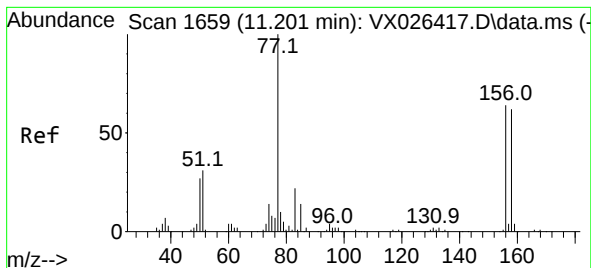
Tgt Ion: 75 Resp: 88591

Ion Ratio Lower Upper

75 100

77 31.1 18.3 54.8





#77

Bromobenzene

Concen: 48.701 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

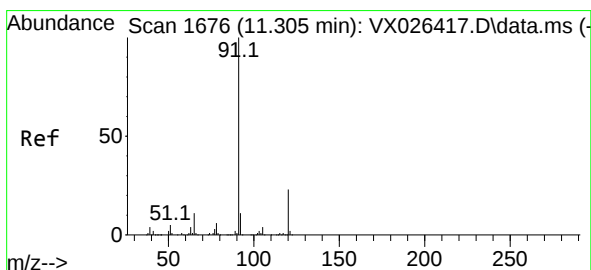
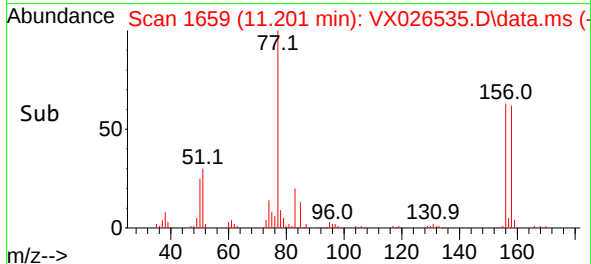
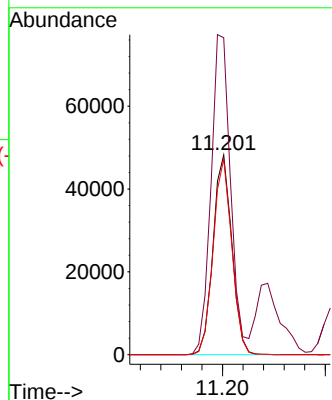
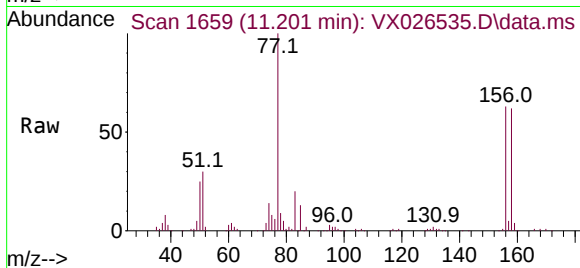
Tgt Ion:156 Resp: 61213

Ion Ratio Lower Upper

156 100

77 167.4 84.5 253.4

158 96.8 48.1 144.4



#78

n-propylbenzene

Concen: 49.171 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX026535.D

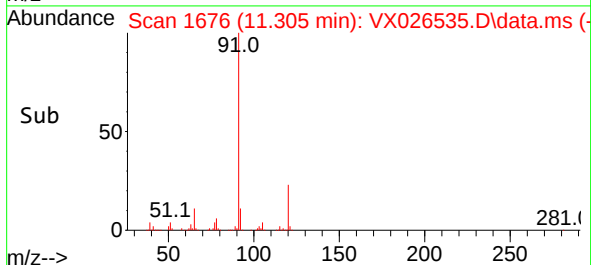
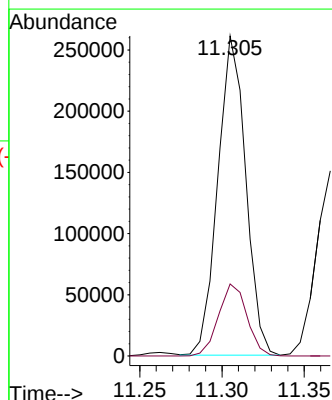
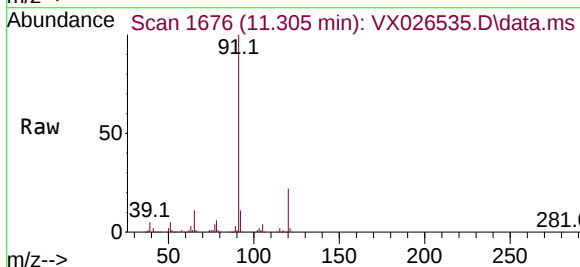
Acq: 20 Jan 2022 18:58

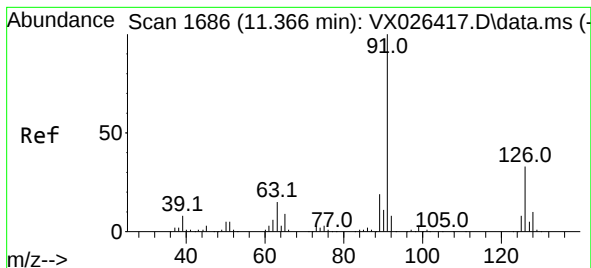
Tgt Ion: 91 Resp: 307642

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.7





#79

2-Chlorotoluene

Concen: 48.218 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

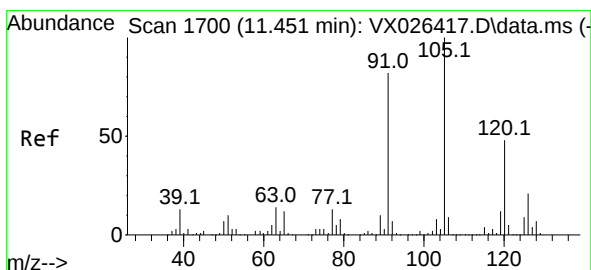
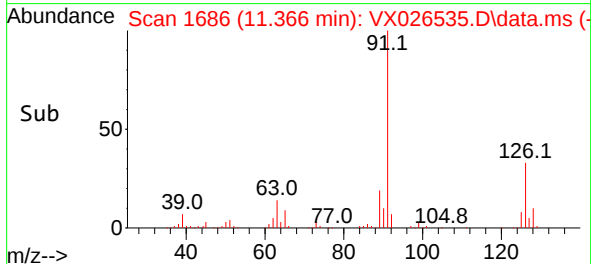
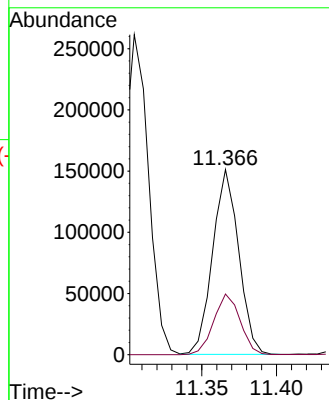
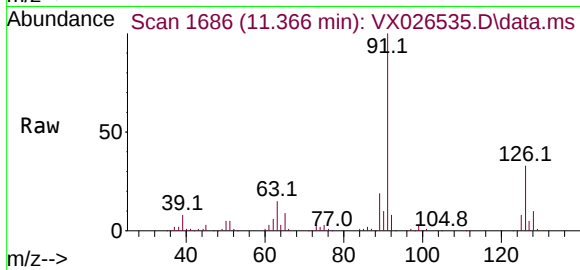
VSTDCCC050EC

Tgt Ion: 91 Resp: 182937

Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 49.107 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026535.D

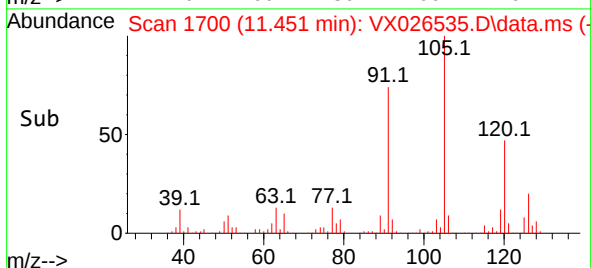
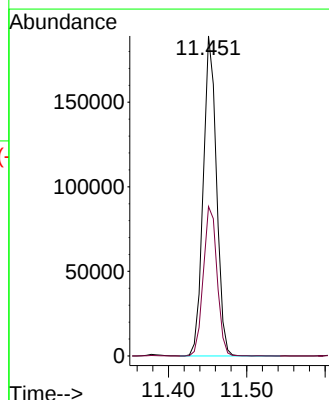
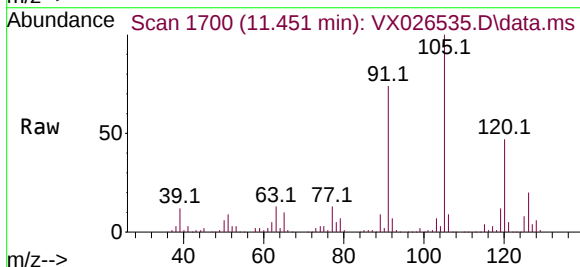
Acq: 20 Jan 2022 18:58

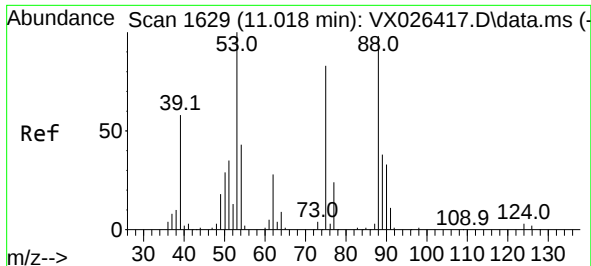
Tgt Ion: 105 Resp: 222123

Ion Ratio Lower Upper

105 100

120 48.4 24.0 72.0

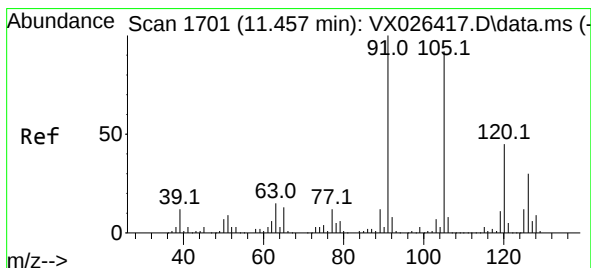
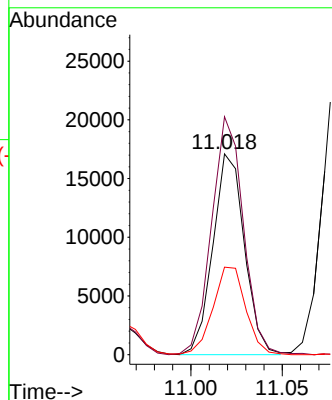
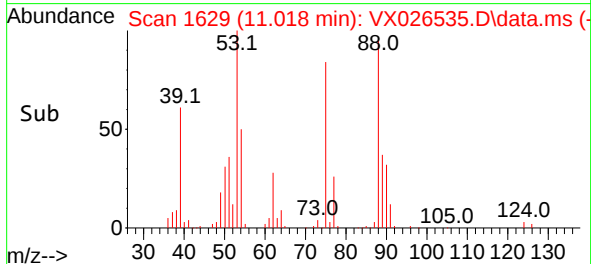
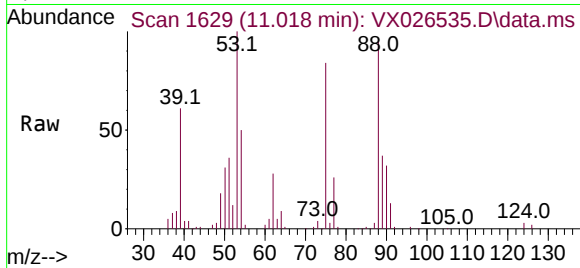




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.646 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

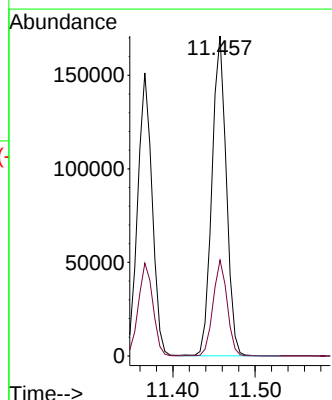
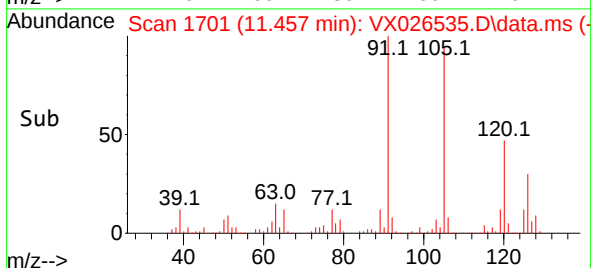
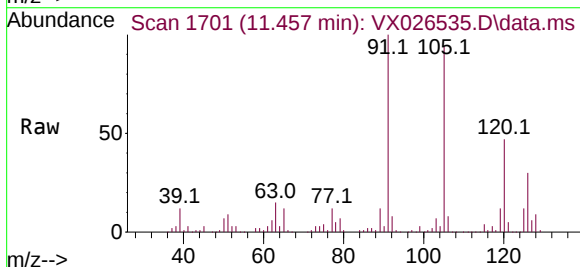
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

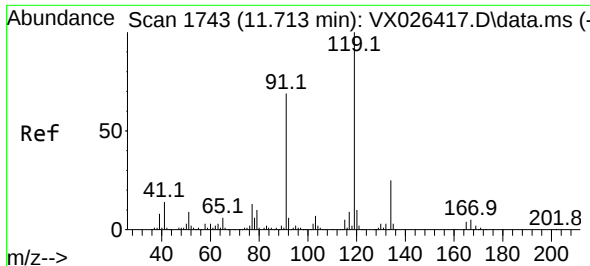
Tgt Ion: 75 Resp: 20582  
Ion Ratio Lower Upper  
75 100  
53 119.2 94.0 141.0  
89 45.3 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 47.647 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 91 Resp: 207762  
Ion Ratio Lower Upper  
91 100  
126 29.4 14.1 42.4

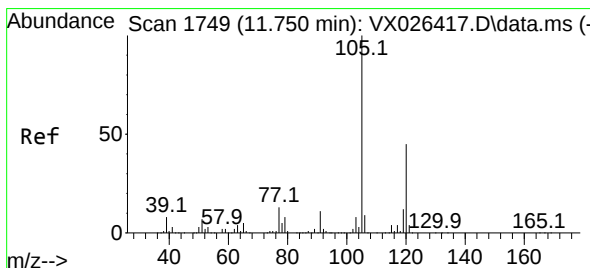
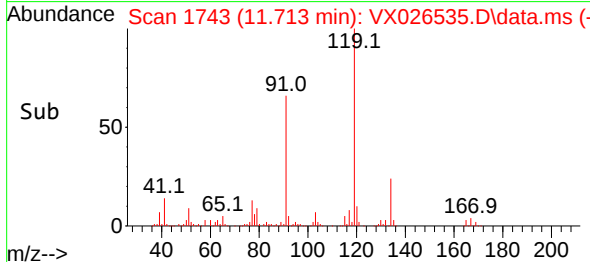
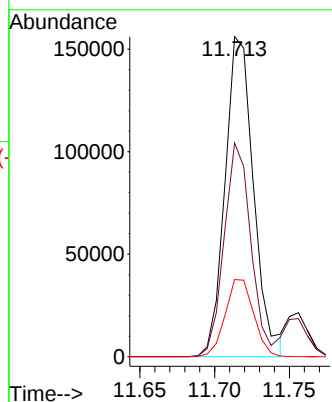
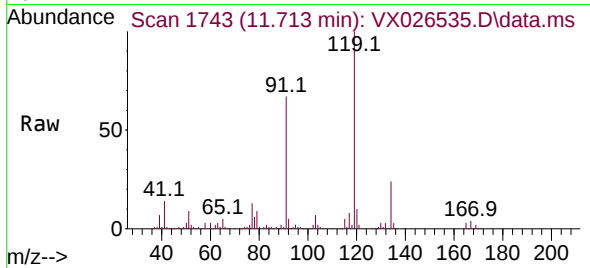




#83  
tert-Butylbenzene  
Concen: 49.235 ug/l  
RT: 11.713 min Scan# 11743  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

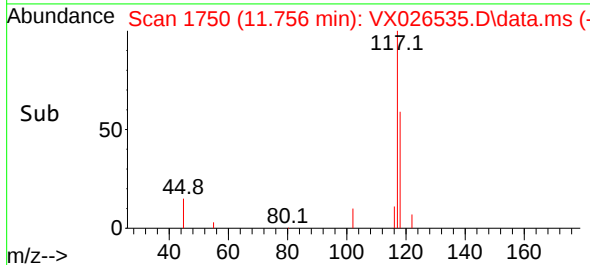
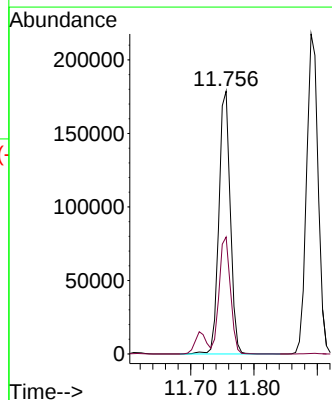
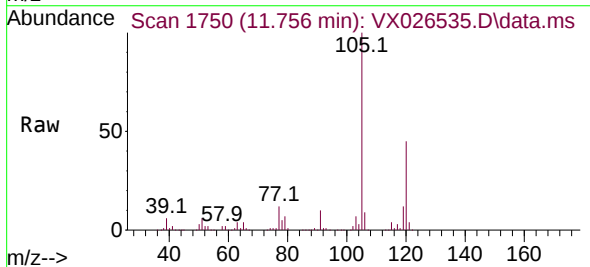
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

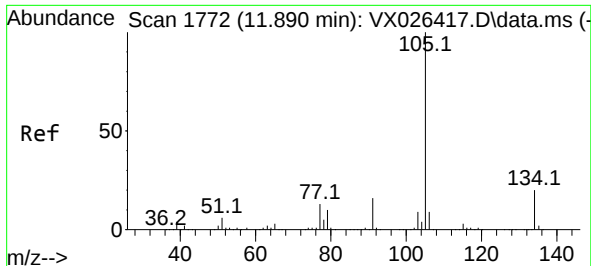
Tgt Ion:119 Resp: 207895  
Ion Ratio Lower Upper  
119 100  
91 62.3 31.4 94.0  
134 24.1 11.8 35.3



#84  
1,2,4-Trimethylbenzene  
Concen: 49.041 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion:105 Resp: 221868  
Ion Ratio Lower Upper  
105 100  
120 44.3 21.9 65.5

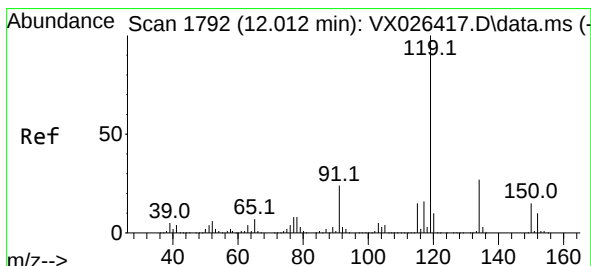
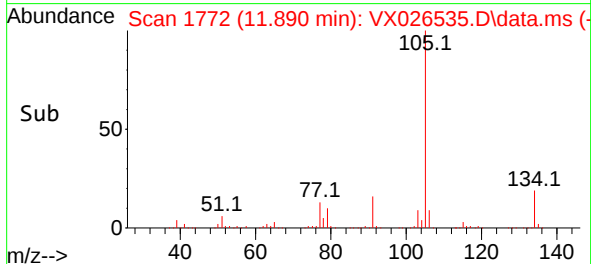
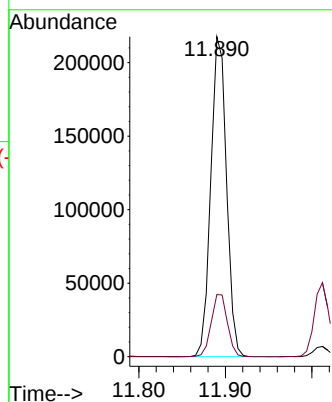
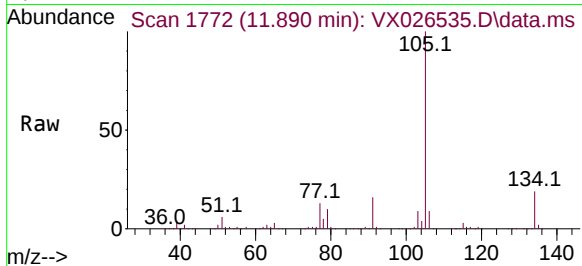




#85  
 sec-Butylbenzene  
 Concen: 50.216 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX026535.D  
 Acq: 20 Jan 2022 18:58

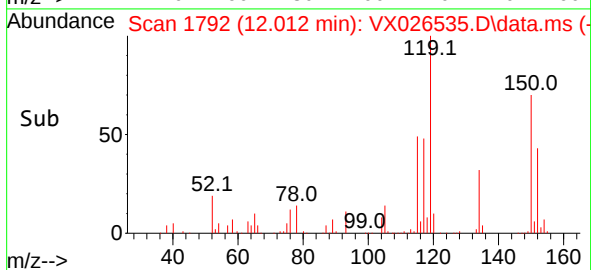
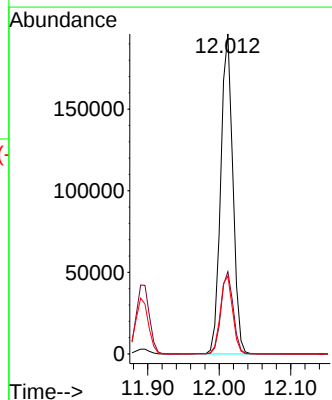
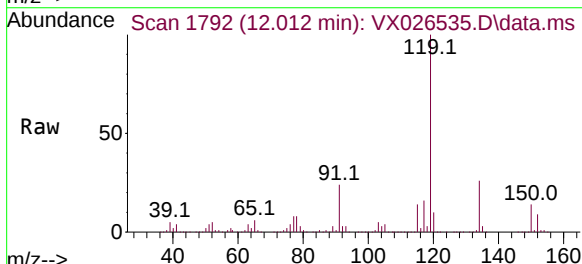
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:105 Resp: 274269  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 50.424 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX026535.D  
 Acq: 20 Jan 2022 18:58

Tgt Ion:119 Resp: 231056  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.0 39.0  
 91 24.7 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 48.492 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

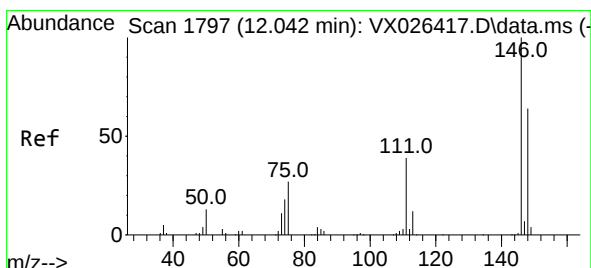
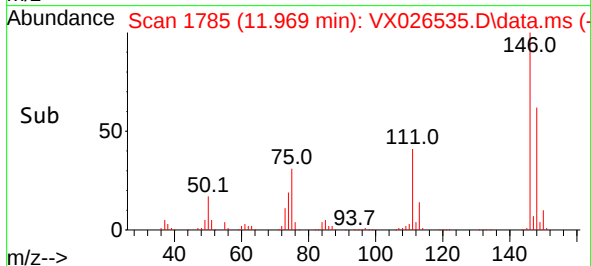
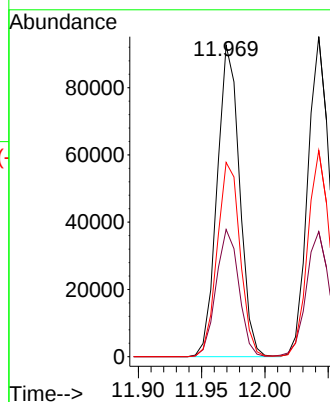
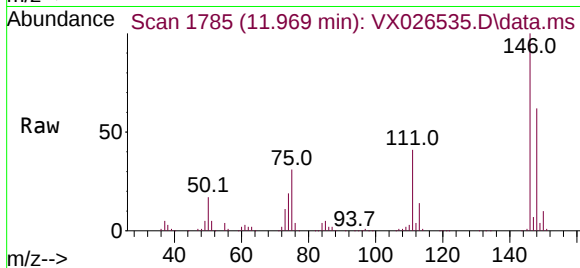
Tgt Ion:146 Resp: 114246

Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

148 63.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 47.569 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

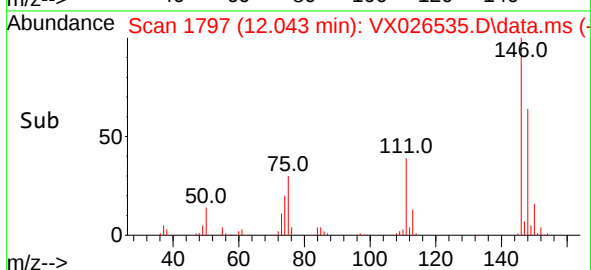
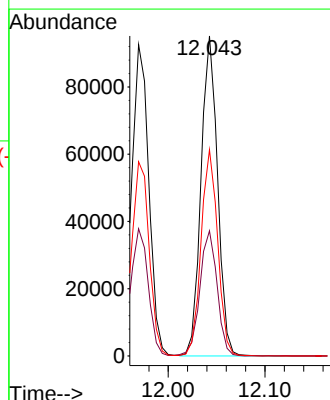
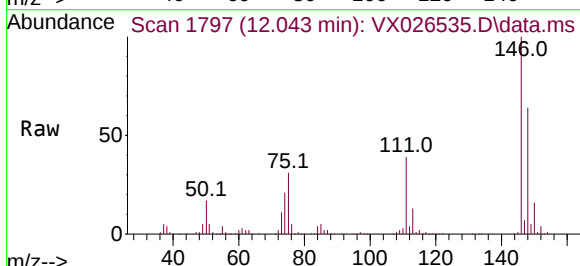
Tgt Ion:146 Resp: 113435

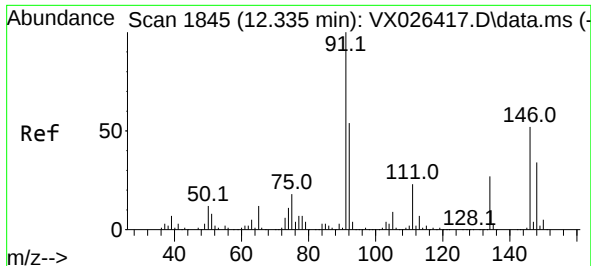
Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.6

148 64.7 31.4 94.0





#89

n-Butylbenzene

Concen: 50.058 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026535.D

Acq: 20 Jan 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

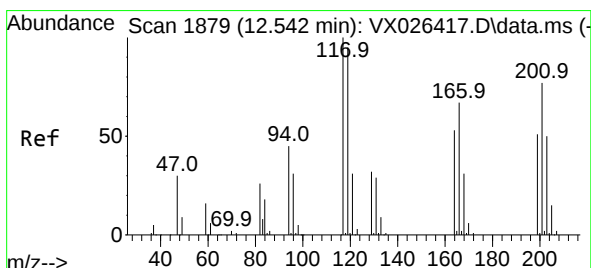
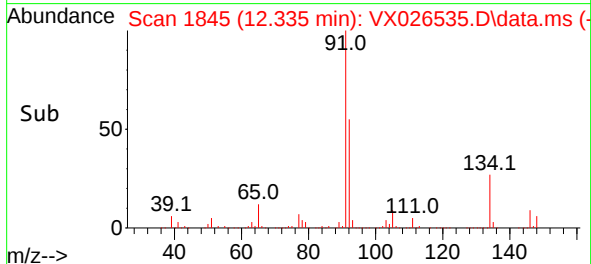
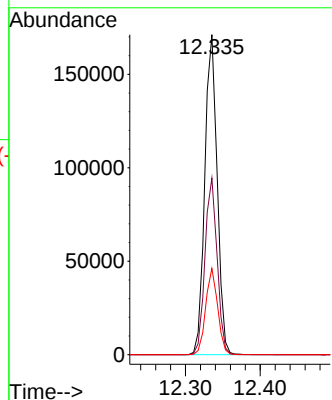
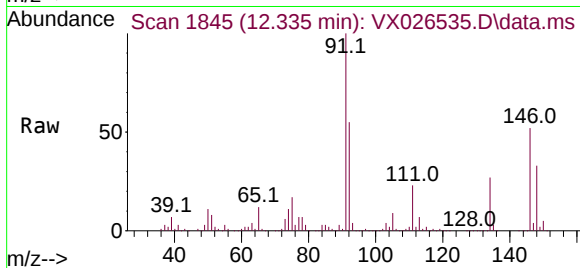
Tgt Ion: 91 Resp: 196843

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.6

134 26.0 13.1 39.1



#90

Hexachloroethane

Concen: 43.150 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX026535.D

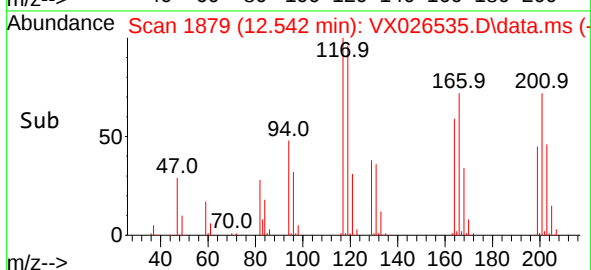
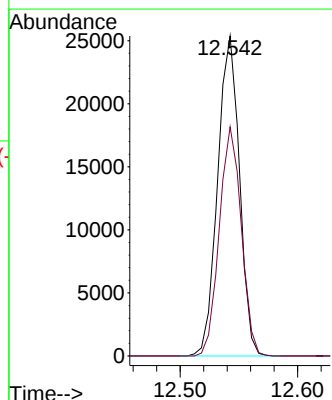
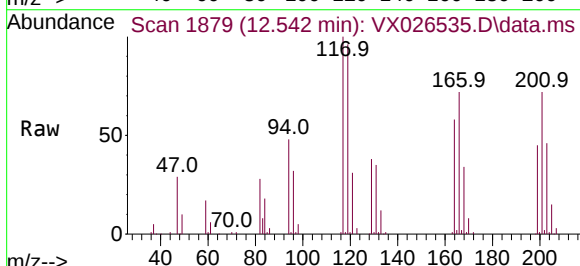
Acq: 20 Jan 2022 18:58

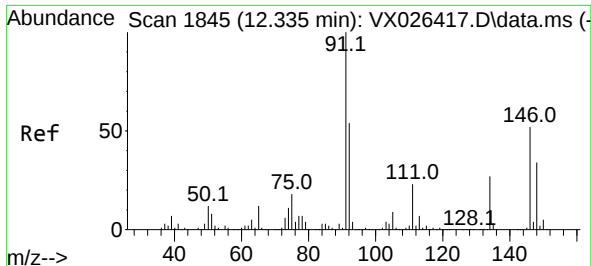
Tgt Ion: 117 Resp: 32758

Ion Ratio Lower Upper

117 100

201 72.1 35.6 106.8

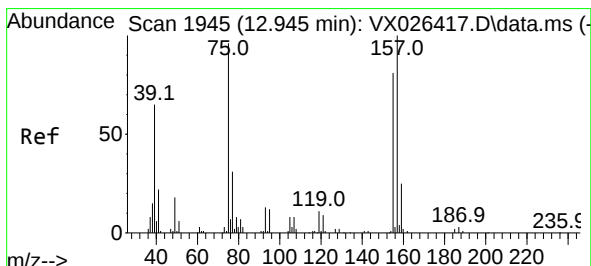
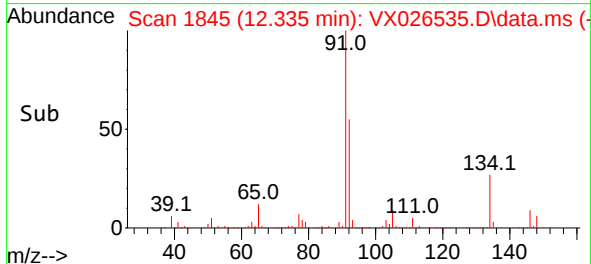
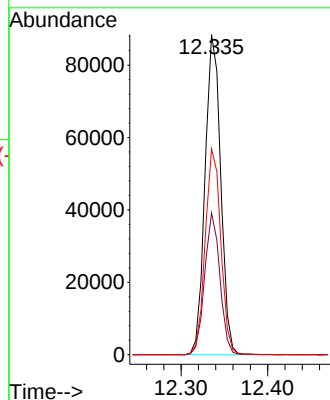
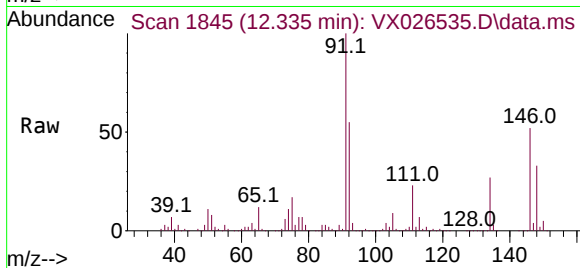




#91  
1,2-Dichlorobenzene  
Concen: 49.897 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

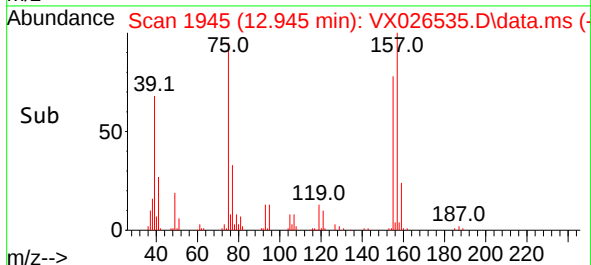
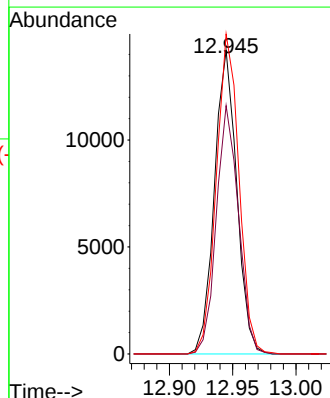
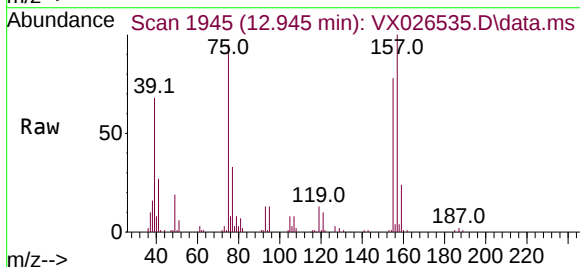
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

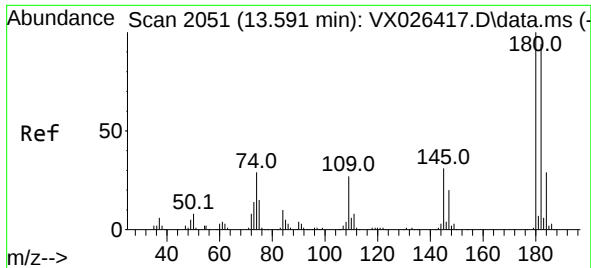
Tgt Ion:146 Resp: 111091  
Ion Ratio Lower Upper  
146 100  
111 43.0 21.8 65.3  
148 64.1 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.820 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion: 75 Resp: 17376  
Ion Ratio Lower Upper  
75 100  
155 81.1 40.0 119.9  
157 106.9 51.6 154.8

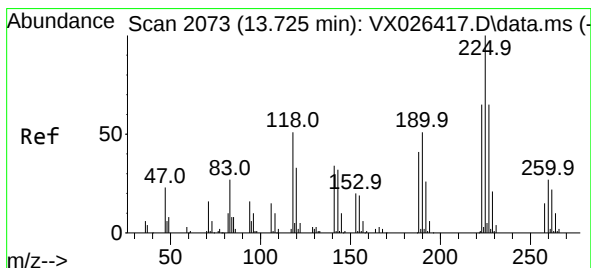
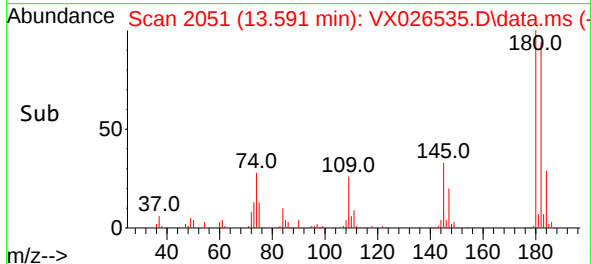
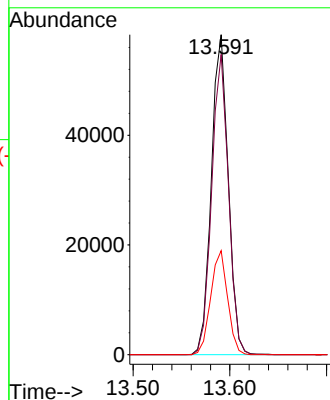
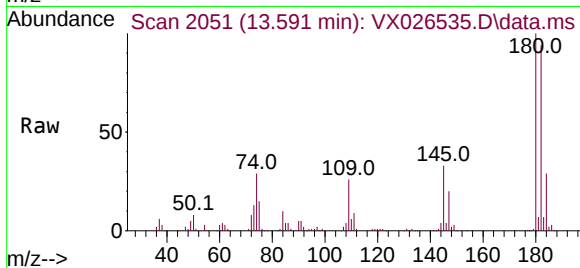




#93  
1,2,4-Trichlorobenzene  
Concen: 49.729 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

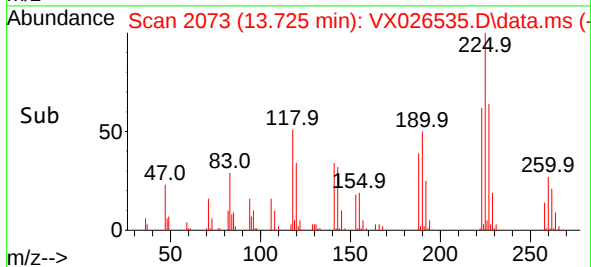
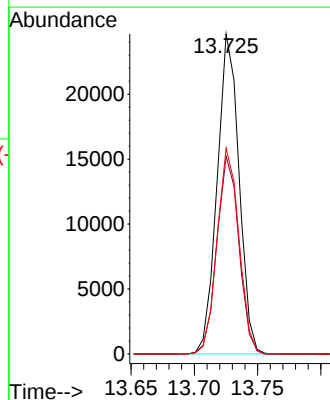
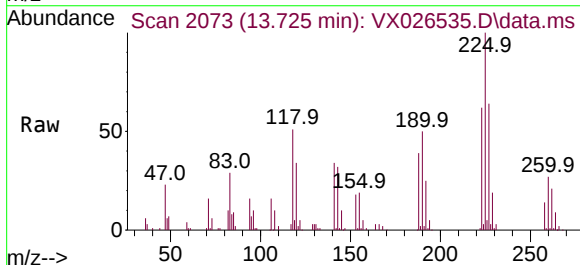
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

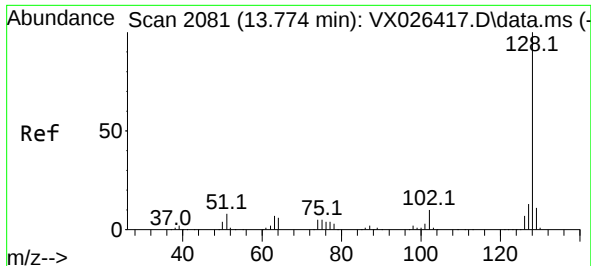
Tgt Ion:180 Resp: 70984  
Ion Ratio Lower Upper  
180 100  
182 93.0 46.7 140.0  
145 32.5 16.3 48.8



#94  
Hexachlorobutadiene  
Concen: 49.082 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion:225 Resp: 29575  
Ion Ratio Lower Upper  
225 100  
223 62.0 32.0 96.0  
227 64.3 32.3 96.9

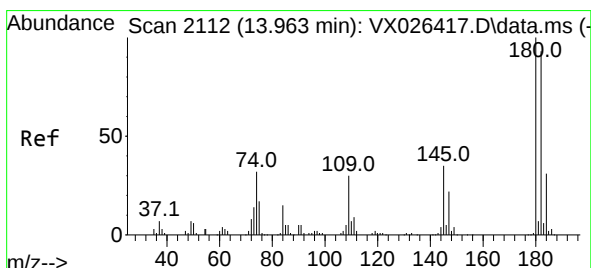
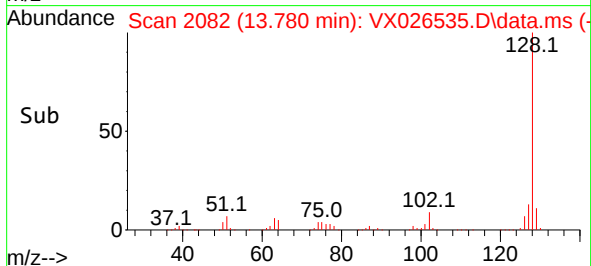
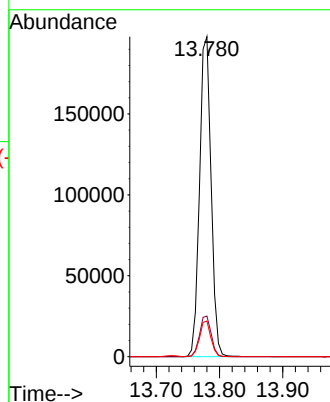
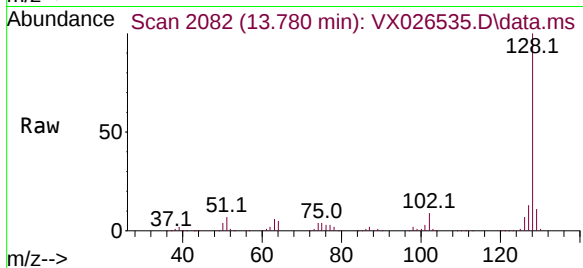




#95  
Naphthalene  
Concen: 52.700 ug/l  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 250912  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 50.783 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX026535.D  
Acq: 20 Jan 2022 18:58

Tgt Ion:180 Resp: 71288  
Ion Ratio Lower Upper  
180 100  
182 93.8 47.2 141.6  
145 33.4 17.5 52.5

