

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041825\  
 Data File : VX045843.D  
 Acq On : 18 Apr 2025 09:27  
 Operator : JC/MD  
 Sample : VX0418WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0418WBL01

Quant Time: Apr 18 23:32:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

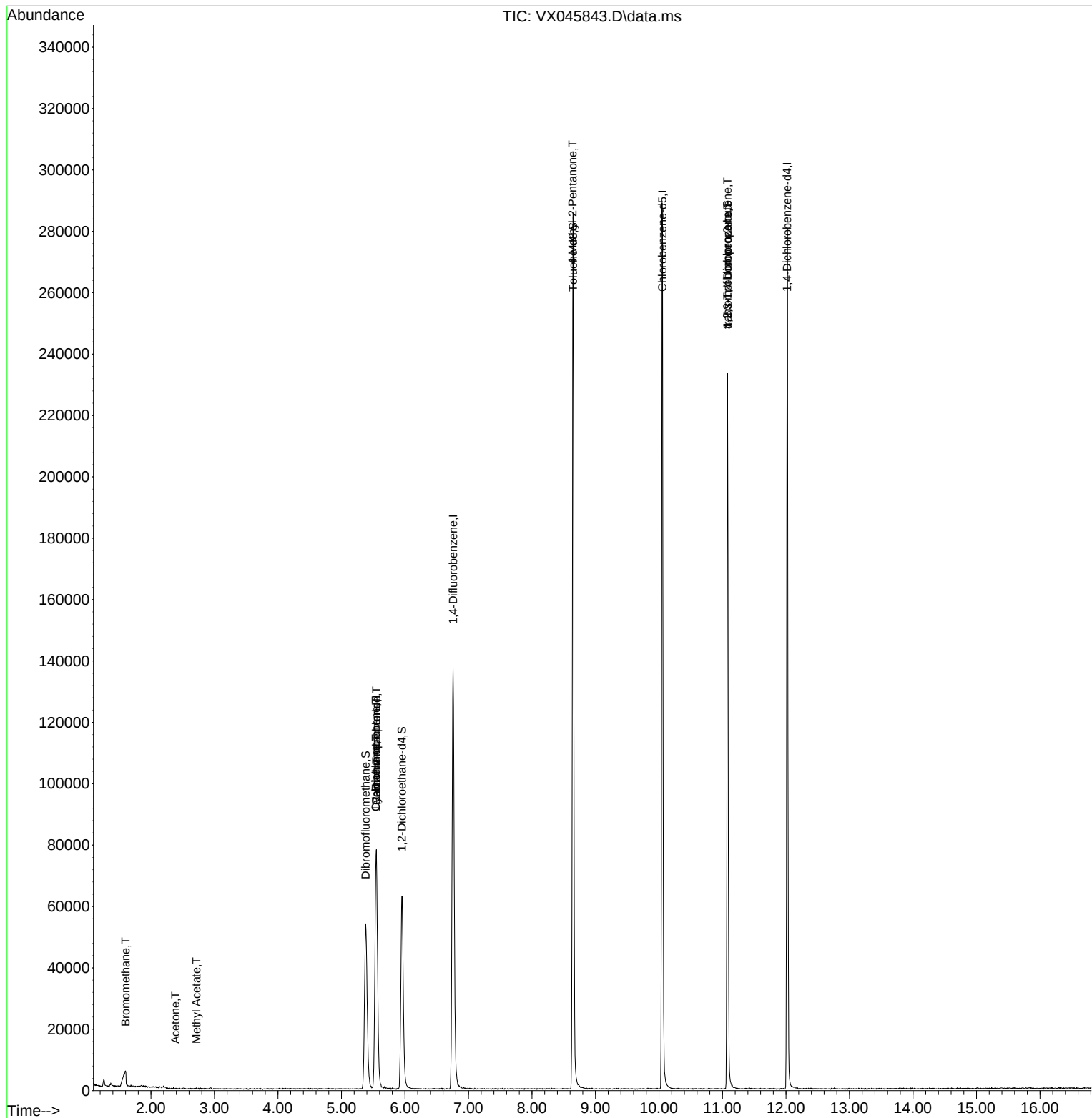
| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 66680    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757  | 114   | 131022   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 119526   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 50913    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 64931    | 53.248   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | = 106.500% |          |
| 35) Dibromofluoromethane      | 5.379  | 113   | 46706    | 50.243   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | = 100.480% |          |
| 50) Toluene-d8                | 8.647  | 98    | 160153   | 49.359   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | = 98.720%  |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 62195    | 52.624   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery | = 105.240% |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 5) Bromomethane               | 1.599  | 94    | 119      | 0.268    | ug/l #     | 3        |
| 16) Acetone                   | 2.386  | 43    | 167      | 0.334    | ug/l #     | 47       |
| 18) Methyl Acetate            | 2.715  | 43    | 236      | 0.205    | ug/l #     | 54       |
| 31) Cyclohexane               | 5.544  | 56    | 2086     | 1.395    | ug/l #     | 33       |
| 36) 1,1-Dichloropropene       | 5.544  | 75    | 6645     | 5.294    | ug/l #     | 51       |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 8088     | 5.962    | ug/l #     | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.641  | 43    | 948      | 0.597    | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 35356    | 28.470   | ug/l #     | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 35356    | 96.622   | ug/l #     | 1        |
| -----                         |        |       |          |          |            |          |

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

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Sample : VX0418WBL01  
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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0418WBL01

Quant Time: Apr 18 23:32:44 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration

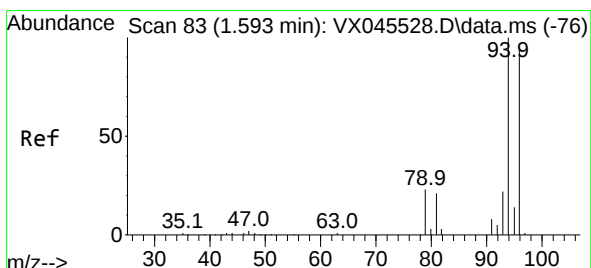
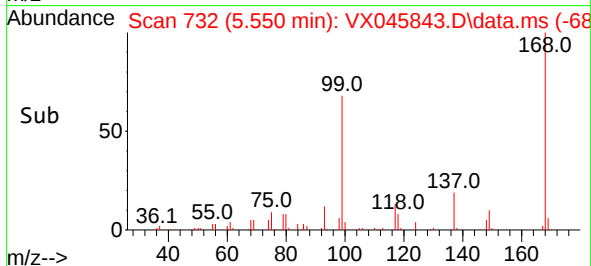
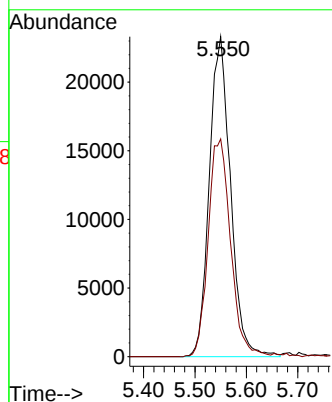
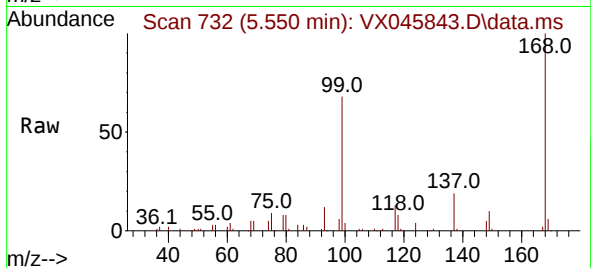




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

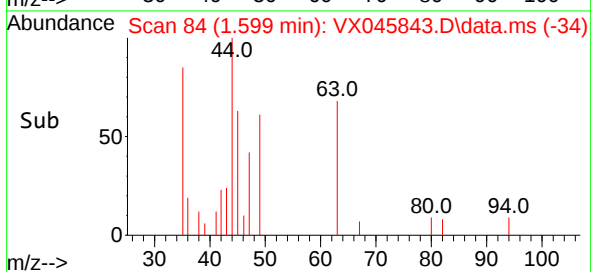
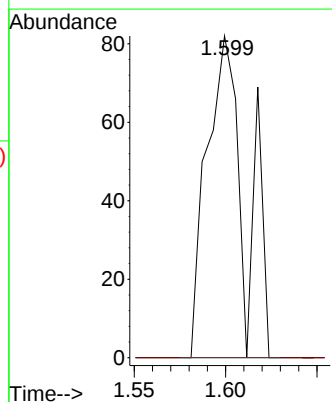
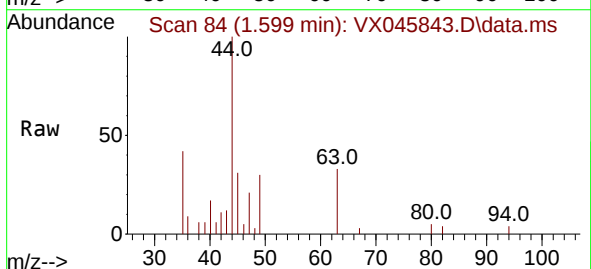
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0418WBL01

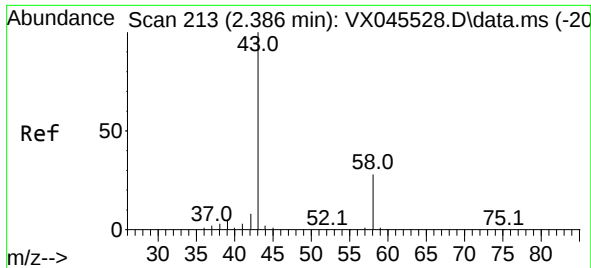
Tgt Ion:168 Resp: 66680  
Ion Ratio Lower Upper  
168 100  
99 68.1 52.3 78.5



#5  
Bromomethane  
Concen: 0.268 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

Tgt Ion: 94 Resp: 119  
Ion Ratio Lower Upper  
94 100  
96 0.0 74.8 112.2#

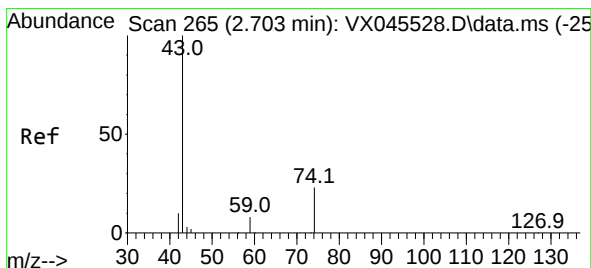
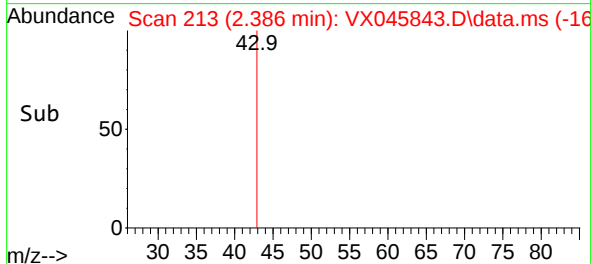
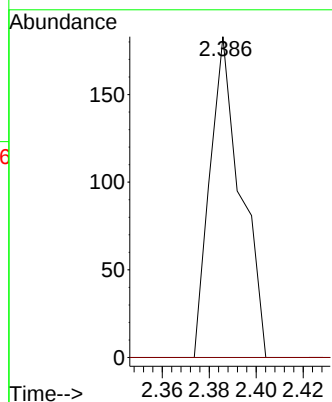
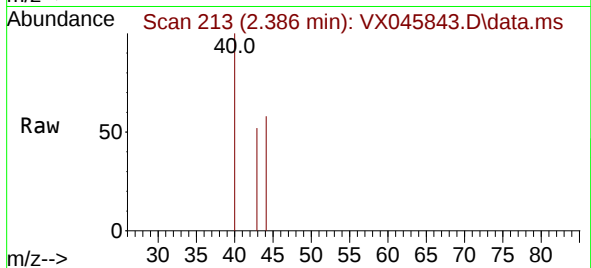




#16  
Acetone  
Concen: 0.334 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

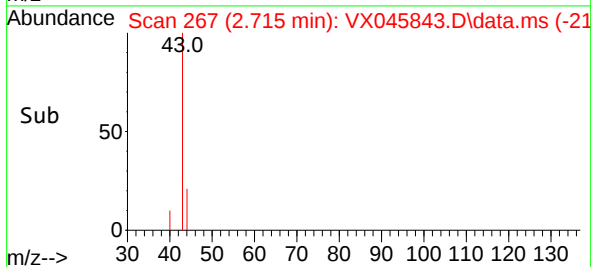
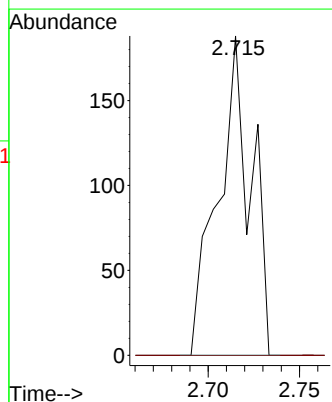
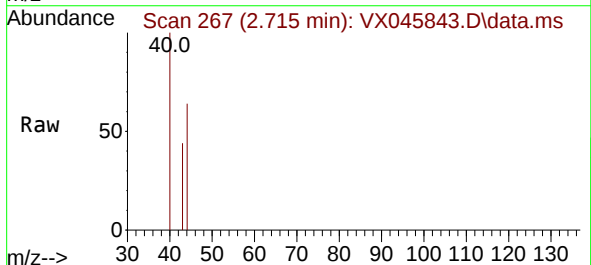
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0418WBL01

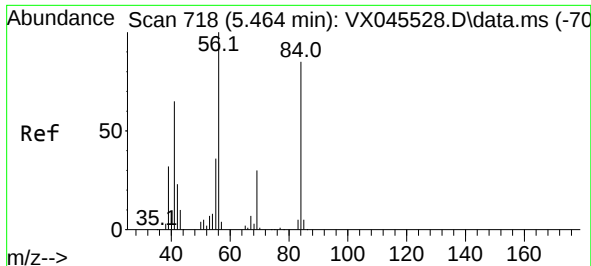
Tgt Ion: 43 Resp: 167  
Ion Ratio Lower Upper  
43 100  
58 0.0 22.3 33.5#



#18  
Methyl Acetate  
Concen: 0.205 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.012 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

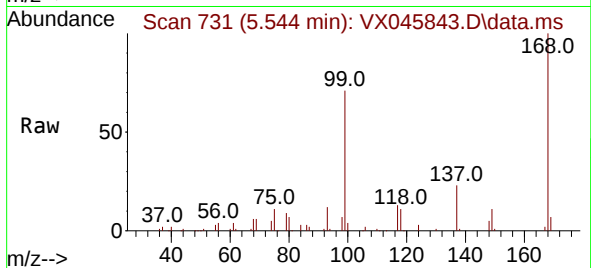
Tgt Ion: 43 Resp: 236  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.5 26.3#



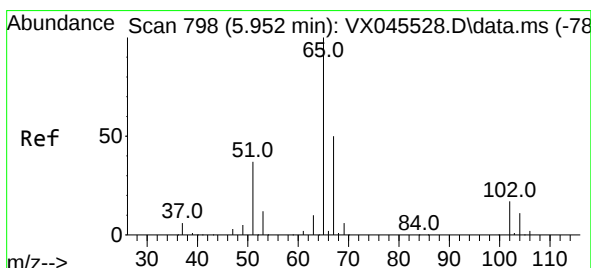
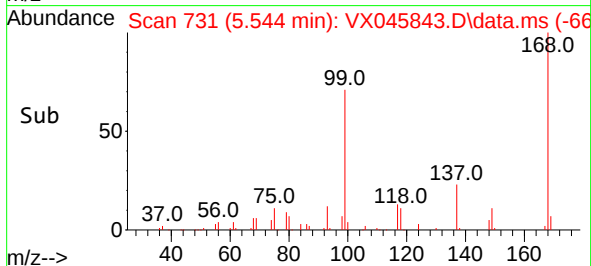
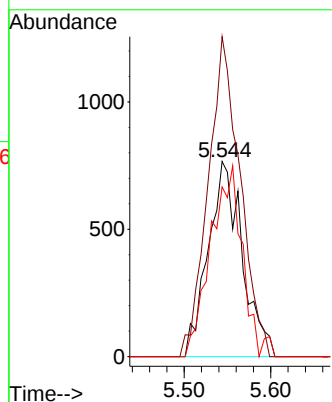


#31  
Cyclohexane  
Concen: 1.395 ug/l  
RT: 5.544 min Scan# 718  
Delta R.T. 0.079 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0418WBL01

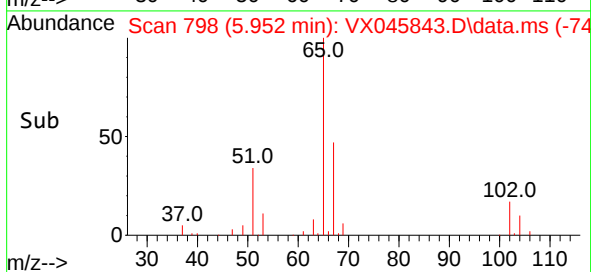
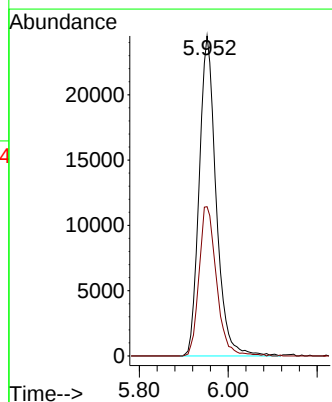
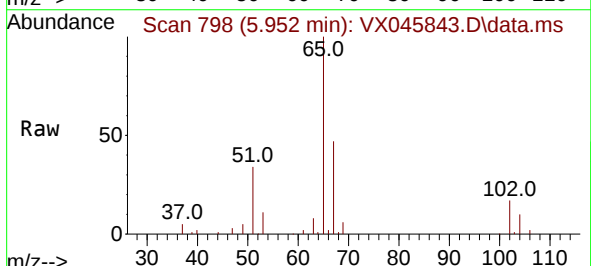


Tgt Ion: 56 Resp: 2086  
Ion Ratio Lower Upper  
56 100  
69 164.0 23.6 35.4#  
84 86.9 67.7 101.5



#33  
1,2-Dichloroethane-d4  
Concen: 53.248 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

Tgt Ion: 65 Resp: 64931  
Ion Ratio Lower Upper  
65 100  
67 48.3 0.0 99.0

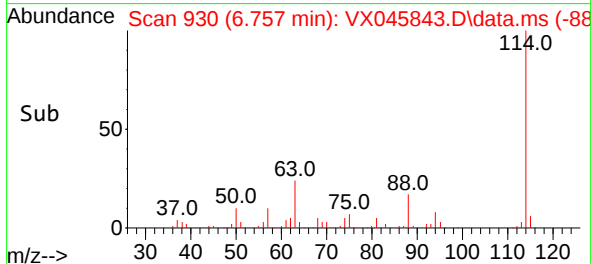
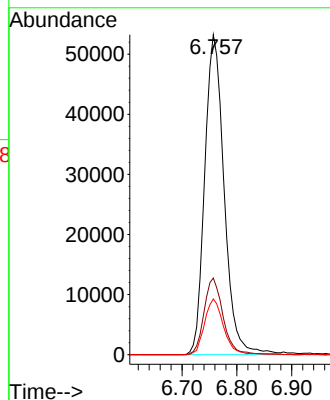
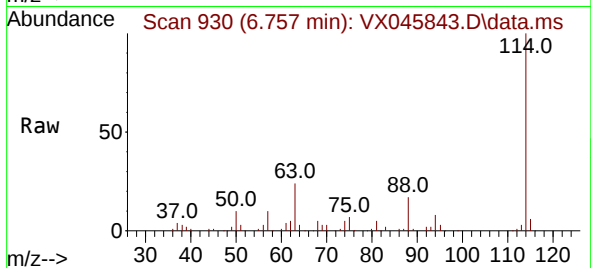




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

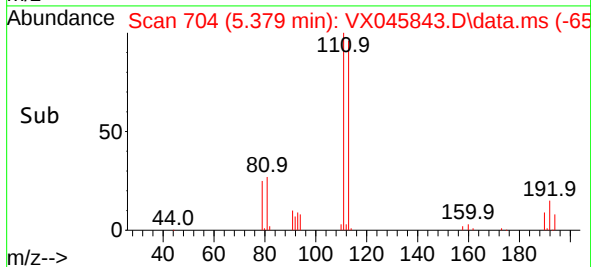
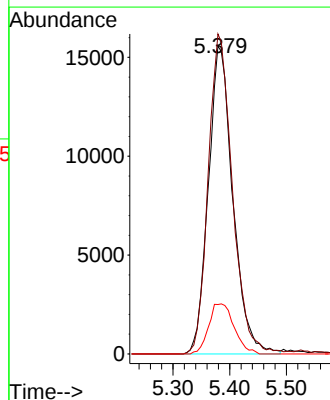
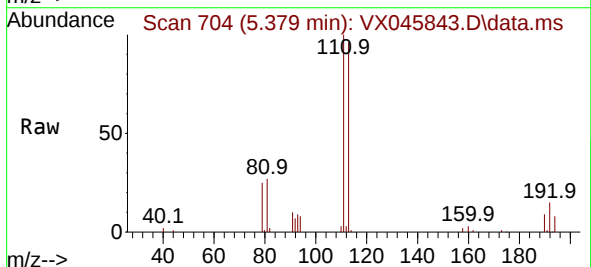
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0418WBL01

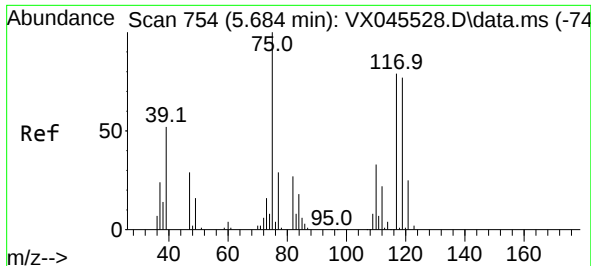
Tgt Ion:114 Resp: 131022  
Ion Ratio Lower Upper  
114 100  
63 23.9 0.0 46.8  
88 17.4 0.0 35.4



#35  
Dibromofluoromethane  
Concen: 50.243 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

Tgt Ion:113 Resp: 46706  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.8 122.6  
192 16.9 13.8 20.6

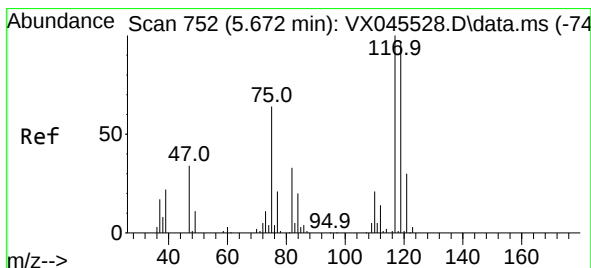
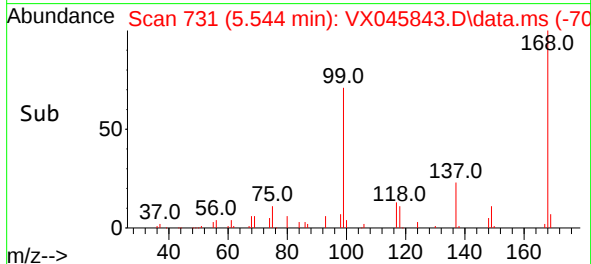
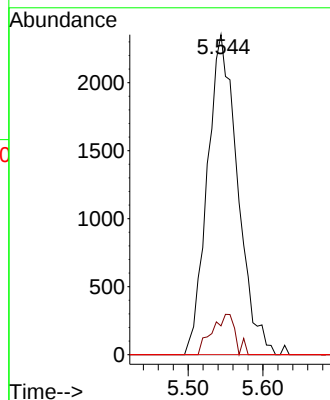
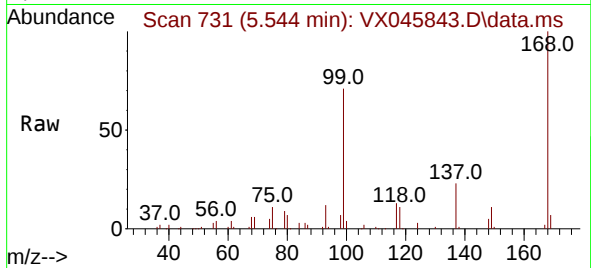




#36  
1,1-Dichloropropene  
Concen: 5.294 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.140 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

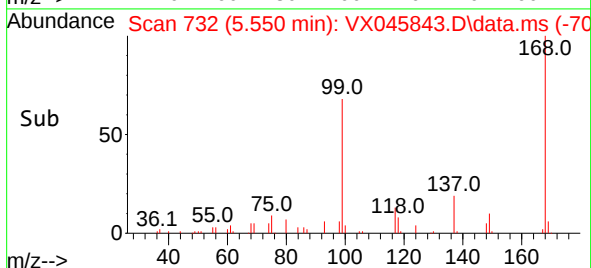
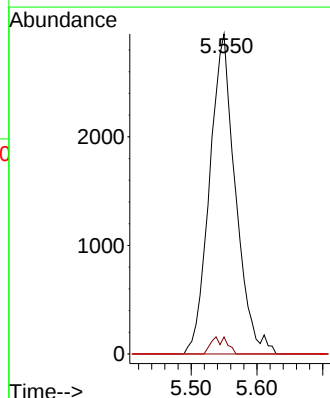
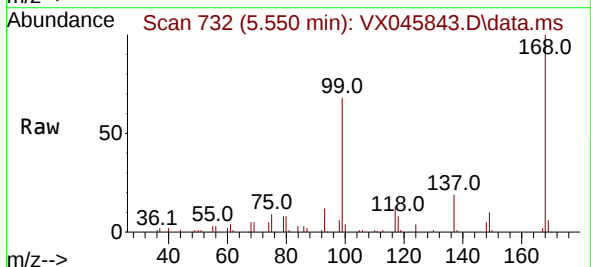
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0418WBL01

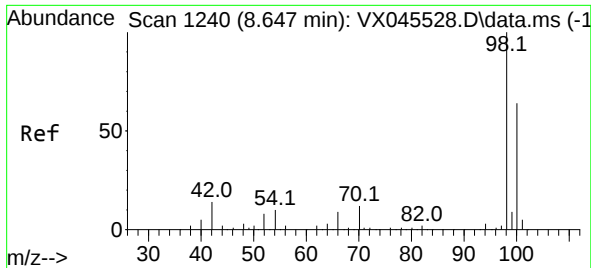
Tgt Ion: 75 Resp: 6645  
Ion Ratio Lower Upper  
75 100  
110 9.7 16.9 50.6#  
77 0.0 25.0 37.4#



#38  
Carbon Tetrachloride  
Concen: 5.962 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.122 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

Tgt Ion: 117 Resp: 8088  
Ion Ratio Lower Upper  
117 100  
119 5.3 76.9 115.3#  
121 0.0 24.2 36.2#

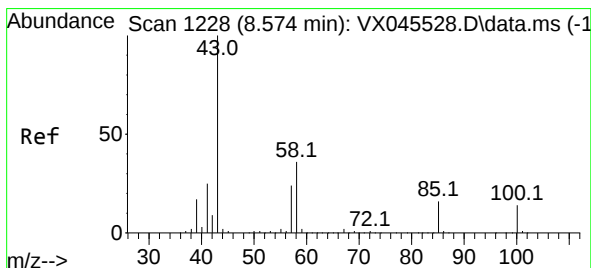
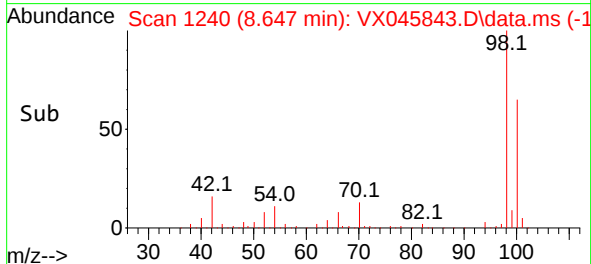
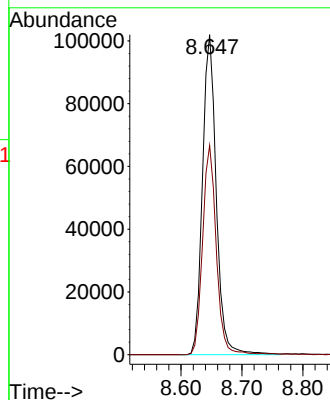
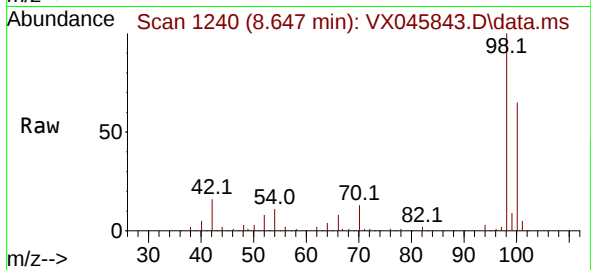




#50  
Toluene-d8  
Concen: 49.359 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

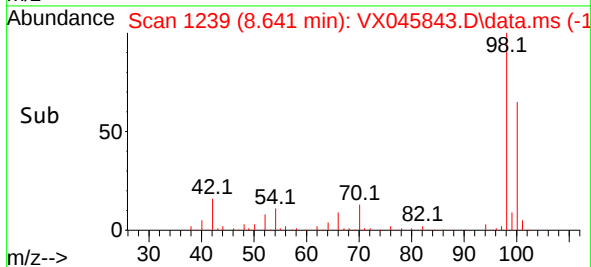
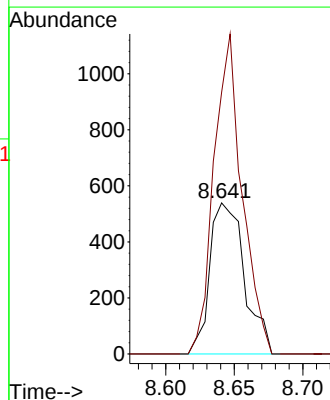
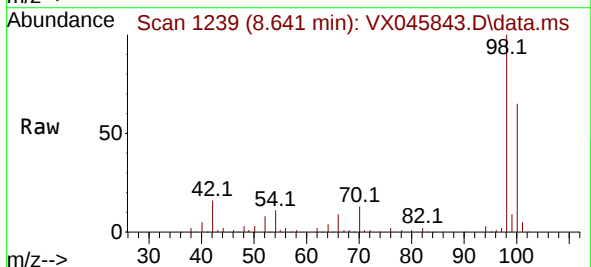
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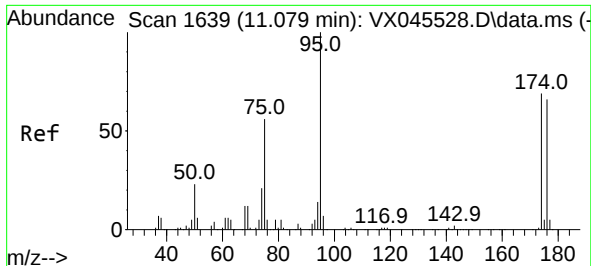
Tgt Ion: 98 Resp: 160153  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.2 78.4



#51  
4-Methyl-2-Pentanone  
Concen: 0.597 ug/l  
RT: 8.641 min Scan# 1239  
Delta R.T. 0.067 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

Tgt Ion: 43 Resp: 948  
Ion Ratio Lower Upper  
43 100  
58 172.7 28.5 42.7#

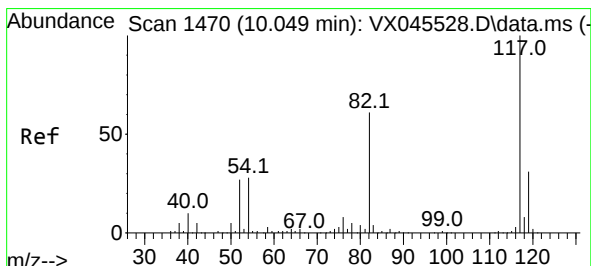
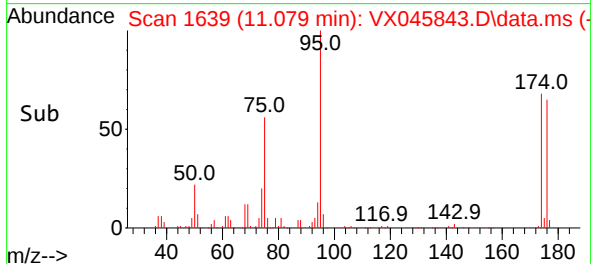
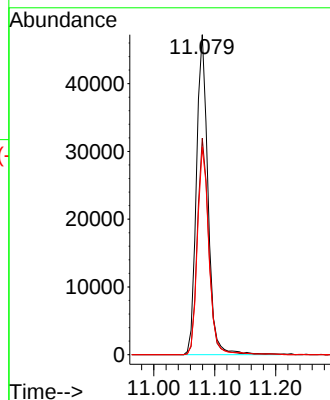
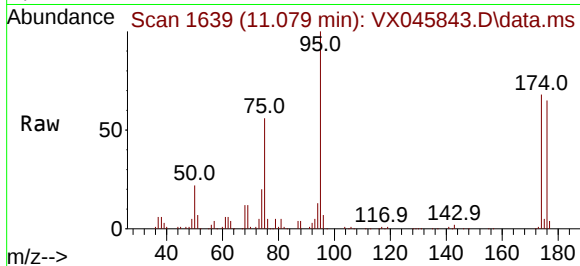




#62  
4-Bromofluorobenzene  
Concen: 52.624 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

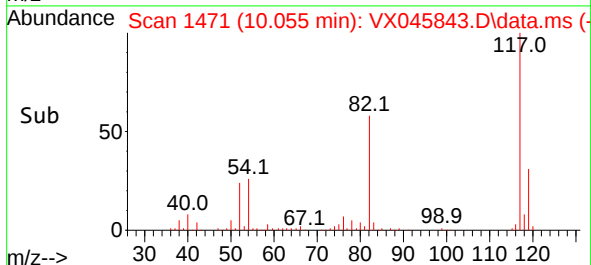
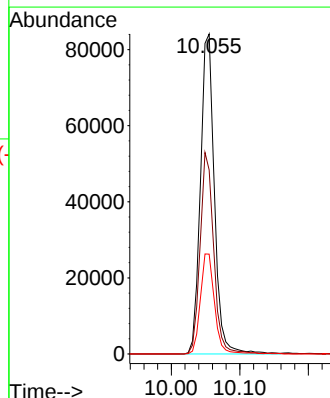
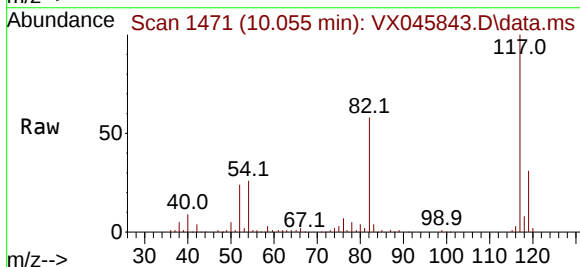
Instrument :  
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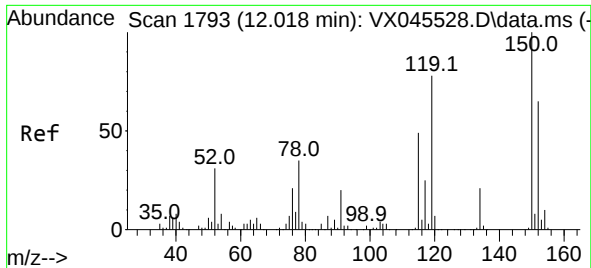
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Ion Ratio Lower Upper  
95 100  
174 66.8 0.0 135.8  
176 64.7 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX045843.D  
Acq: 18 Apr 2025 09:27

Tgt Ion: 117 Resp: 119526  
Ion Ratio Lower Upper  
117 100  
82 57.5 49.2 73.8  
119 31.2 25.1 37.7

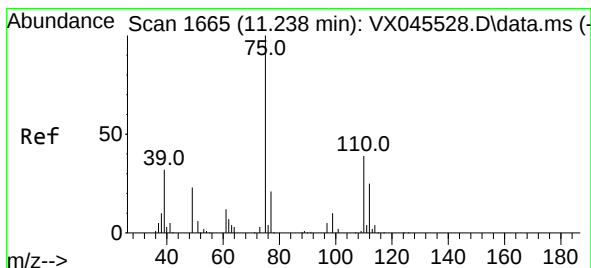
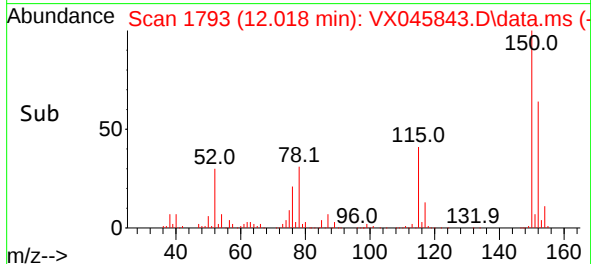
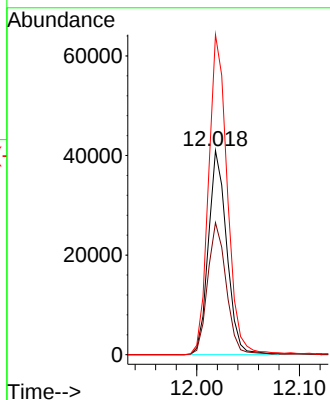
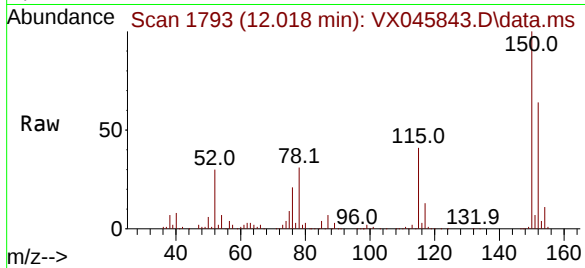




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX045843.D  
 Acq: 18 Apr 2025 09:27

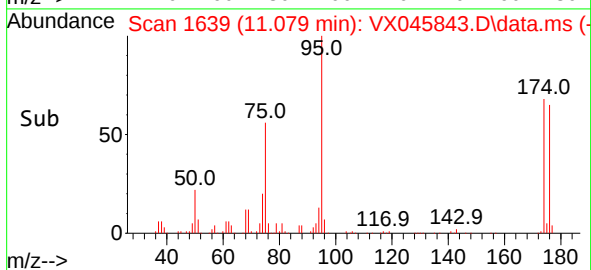
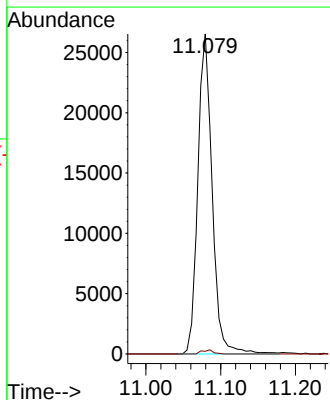
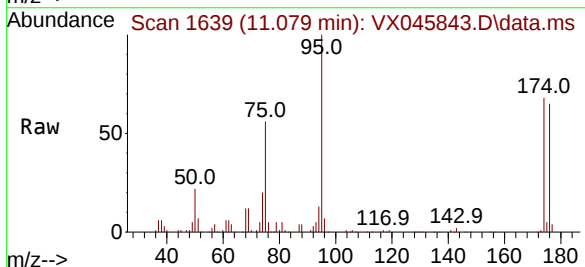
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0418WBL01

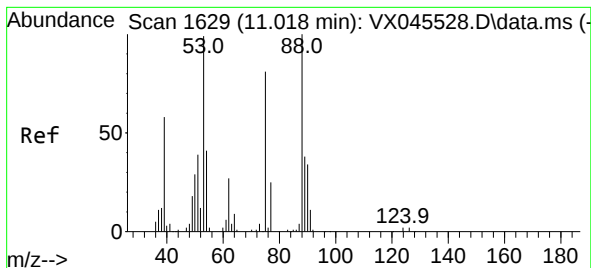
Tgt Ion:152 Resp: 50913  
 Ion Ratio Lower Upper  
 152 100  
 115 66.2 46.9 140.7  
 150 160.9 0.0 349.4



#76  
 1,2,3-Trichloropropane  
 Concen: 28.470 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.158 min  
 Lab File: VX045843.D  
 Acq: 18 Apr 2025 09:27

Tgt Ion: 75 Resp: 35356  
 Ion Ratio Lower Upper  
 75 100  
 77 1.0 20.0 59.9#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 96.622 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX045843.D  
 Acq: 18 Apr 2025 09:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0418WBL01

Tgt Ion: 75 Resp: 35356  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 101.8 152.6#  
 89 0.0 37.2 55.8#

