

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102924\  
 Data File : VX043585.D  
 Acq On : 29 Oct 2024 10:31  
 Operator : JC/MD  
 Sample : VX1029WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBL01

Quant Time: Oct 30 01:26:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 28 13:41:34 2024  
 Response via : Initial Calibration

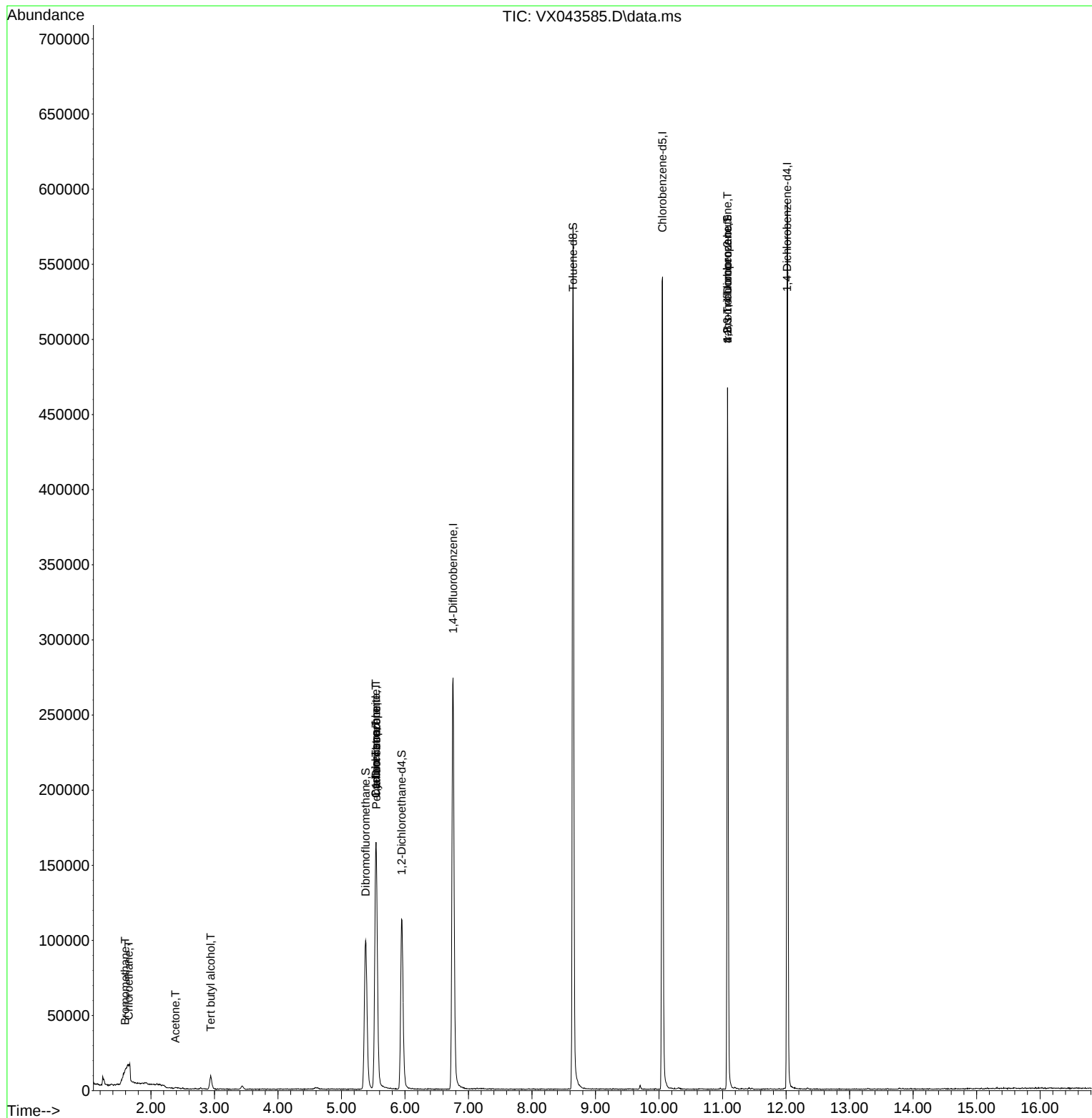
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 160199   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757  | 114   | 295395   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 265502   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 128354   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.946  | 65    | 110928   | 43.426   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | =      | 86.860%  |
| 35) Dibromofluoromethane      | 5.379  | 113   | 91054    | 45.457   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 90.920%  |
| 50) Toluene-d8                | 8.647  | 98    | 350111   | 50.493   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | =      | 100.980% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 129946   | 50.575   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery | =      | 101.160% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Bromomethane               | 1.593  | 94    | 168      | 0.203    | ug/l # | 68       |
| 6) Chloroethane               | 1.648  | 64    | 171      | 0.239    | ug/l # | 1        |
| 11) Tert butyl alcohol        | 2.941  | 59    | 4990     | 10.466   | ug/l # | 100      |
| 16) Acetone                   | 2.386  | 43    | 834      | 0.822    | ug/l # | 52       |
| 31) Cyclohexane               | 5.544  | 56    | 3265     | 1.211    | ug/l # | 14       |
| 36) 1,1-Dichloropropene       | 5.544  | 75    | 12305    | 5.181    | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.544  | 117   | 16698    | 6.363    | ug/l # | 15       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 64826    | 23.621   | ug/l # | 33       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 64826    | 64.983   | ug/l # | 7        |
| -----                         |        |       |          |          |        |          |

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

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Instrument :  
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Quant Title : SW846 8260  
QLast Update : Mon Oct 28 13:41:34 2024  
Response via : Initial Calibration

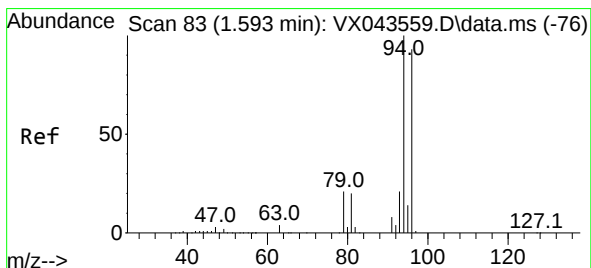
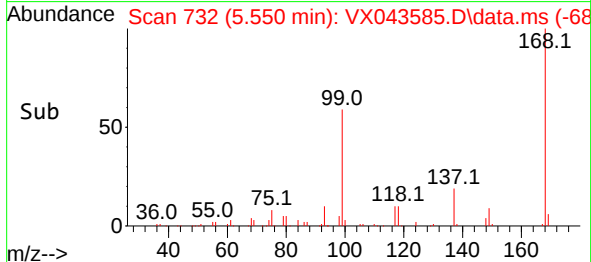
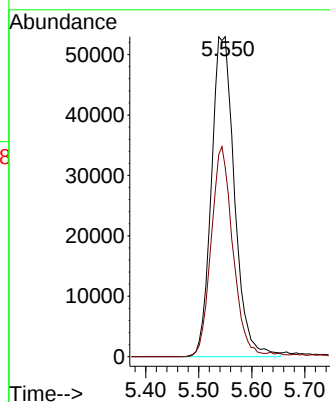
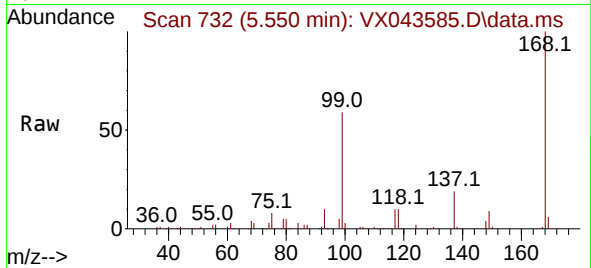




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

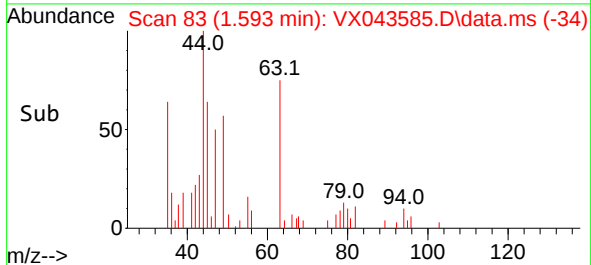
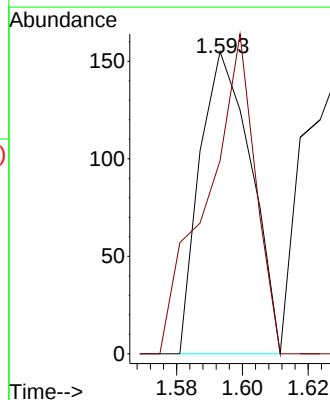
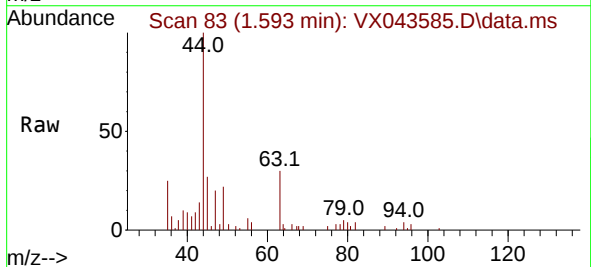
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBL01

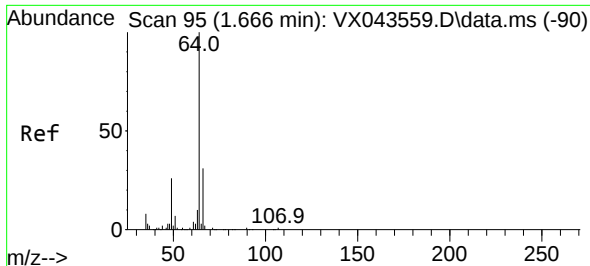
Tgt Ion:168 Resp: 160199  
Ion Ratio Lower Upper  
168 100  
99 59.3 52.6 78.8



#5  
Bromomethane  
Concen: 0.203 ug/l  
RT: 1.593 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

Tgt Ion: 94 Resp: 168  
Ion Ratio Lower Upper  
94 100  
96 63.9 75.9 113.9#

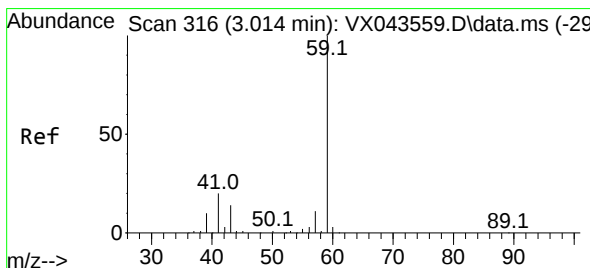
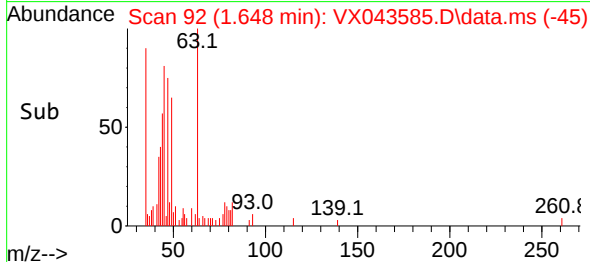
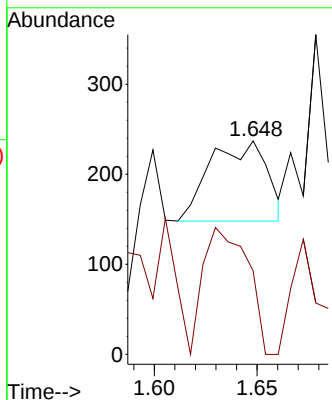
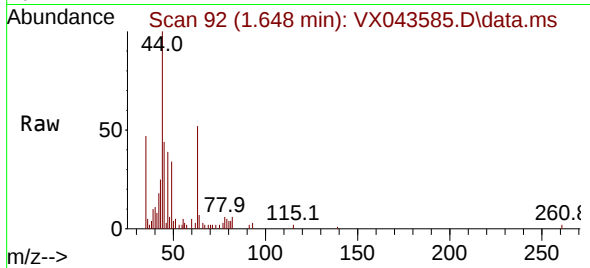




#6  
Chloroethane  
Concen: 0.239 ug/l  
RT: 1.648 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

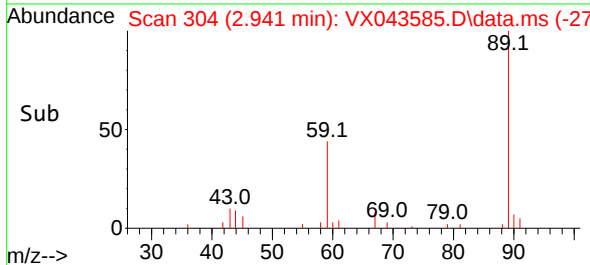
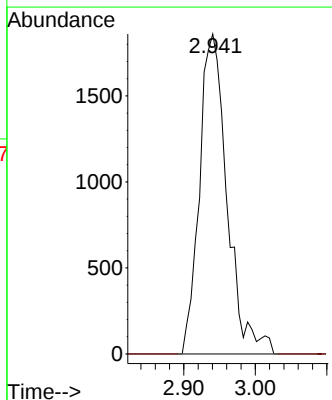
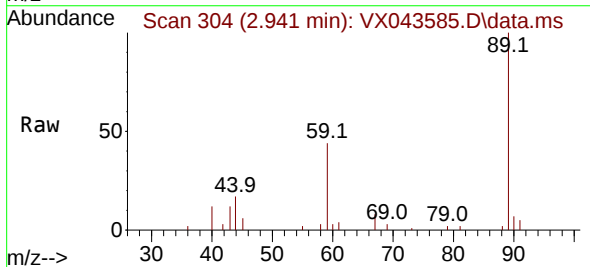
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBL01

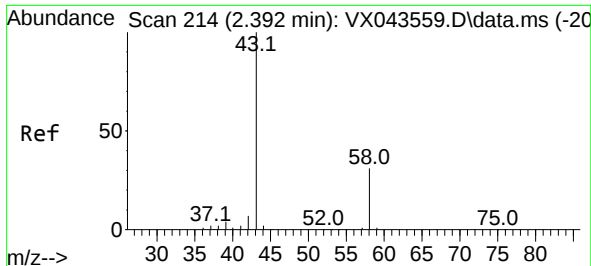
Tgt Ion: 64 Resp: 171  
Ion Ratio Lower Upper  
64 100  
66 104.5 25.1 37.7#



#11  
Tert butyl alcohol  
Concen: 10.466 ug/l  
RT: 2.941 min Scan# 304  
Delta R.T. -0.109 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

Tgt Ion: 59 Resp: 4990  
Ion Ratio Lower Upper  
59 100  
57 0.0 0.0 0.0

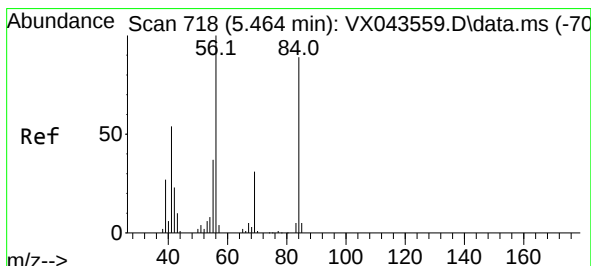
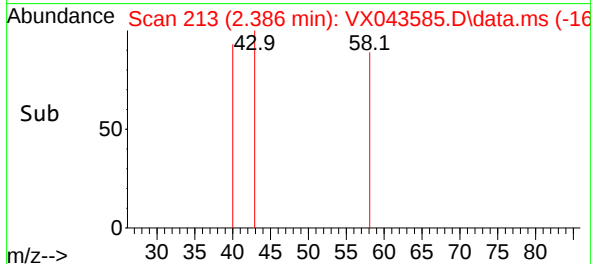
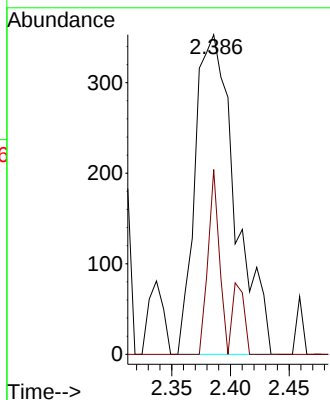
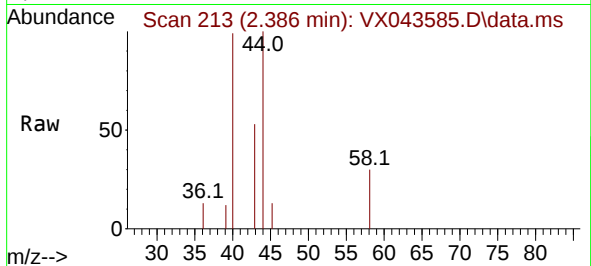




#16  
Acetone  
Concen: 0.822 ug/l  
RT: 2.386 min Scan# 214  
Delta R.T. -0.012 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

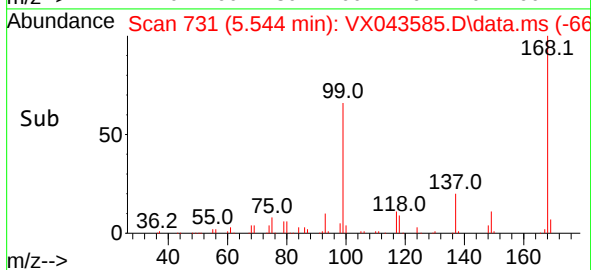
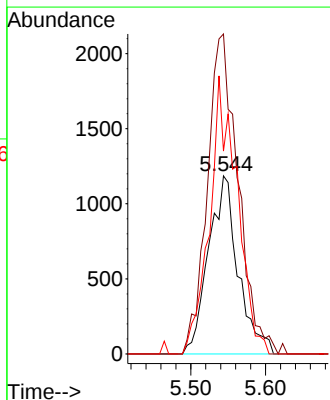
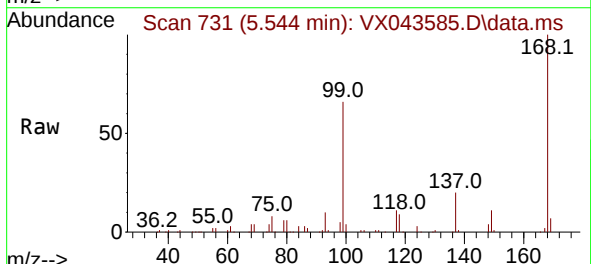
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBL01

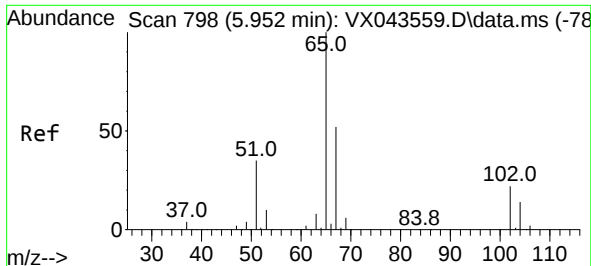
Tgt Ion: 43 Resp: 834  
Ion Ratio Lower Upper  
43 100  
58 57.8 25.1 37.7#



#31  
Cyclohexane  
Concen: 1.211 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.085 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

Tgt Ion: 56 Resp: 3265  
Ion Ratio Lower Upper  
56 100  
69 179.7 24.9 37.3#  
84 113.9 73.3 109.9#





#33

1,2-Dichloroethane-d4

Concen: 43.426 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX043585.D

Acq: 29 Oct 2024 10:31

Instrument :

MSVOA\_X

ClientSampleId :

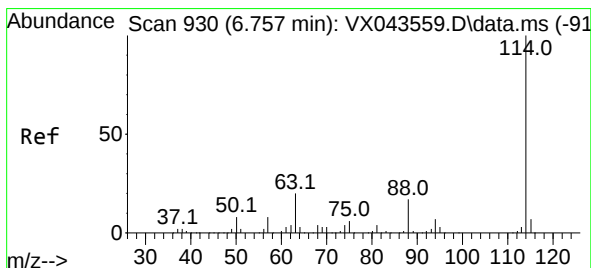
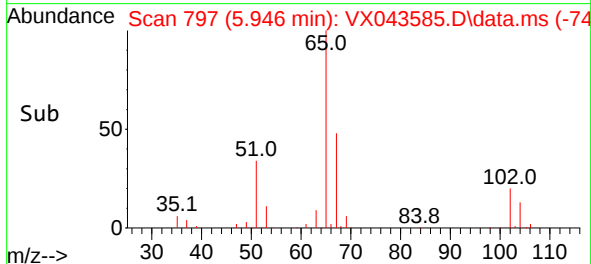
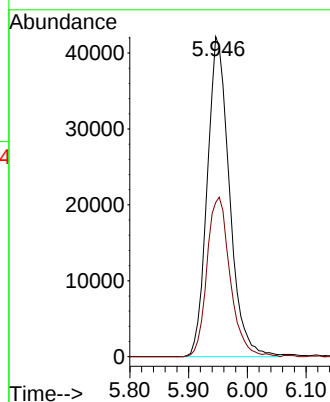
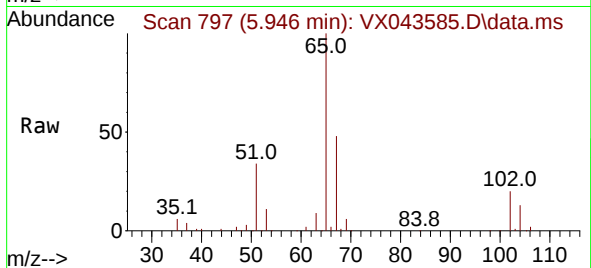
VX1029WBL01

Tgt Ion: 65 Resp: 110928

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043585.D

Acq: 29 Oct 2024 10:31

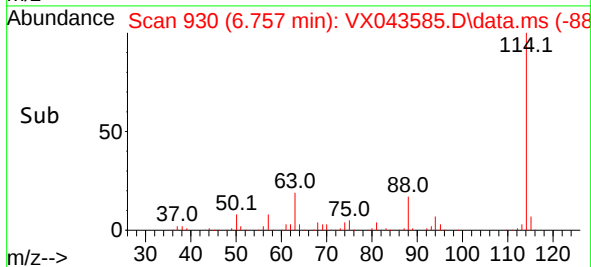
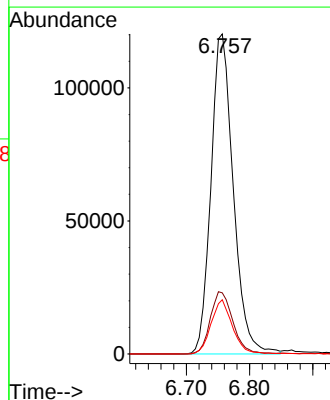
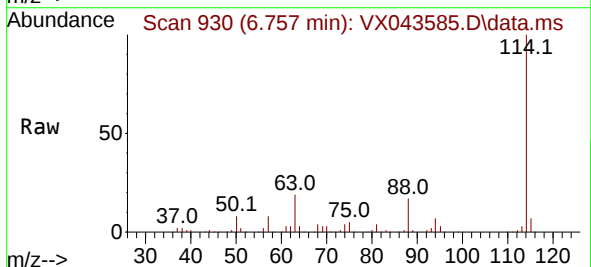
Tgt Ion: 114 Resp: 295395

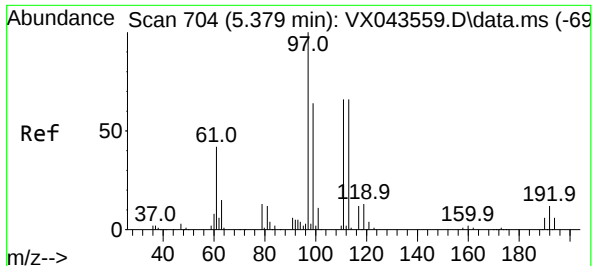
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.2

88 17.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 45.457 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX043585.D

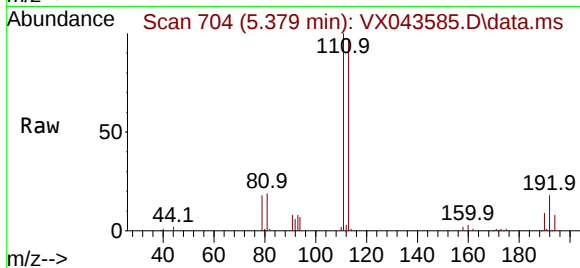
Acq: 29 Oct 2024 10:31

Instrument :

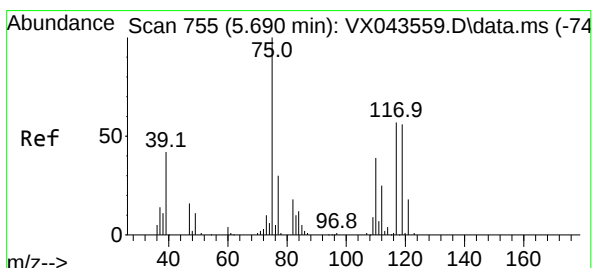
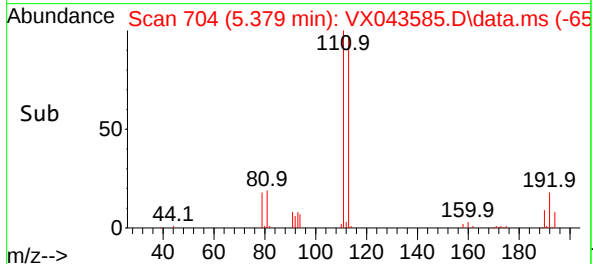
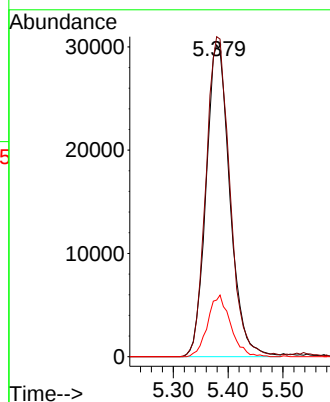
MSVOA\_X

ClientSampleId :

VX1029WBL01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 91054 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.0 | 81.4  | 122.0 |
| 192      | 19.0  | 14.1  | 21.1  |



#36

1,1-Dichloropropene

Concen: 5.181 ug/l

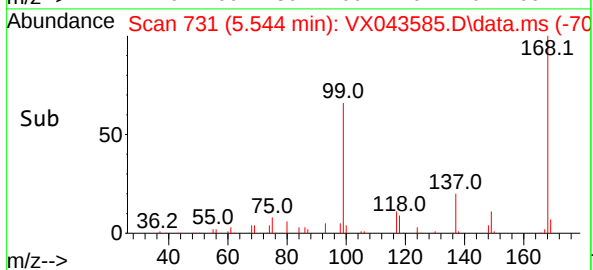
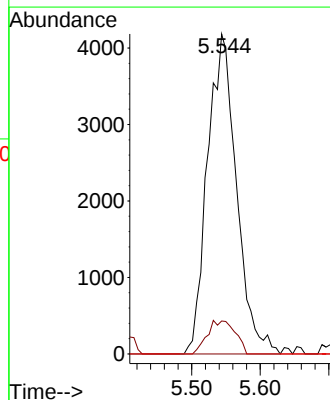
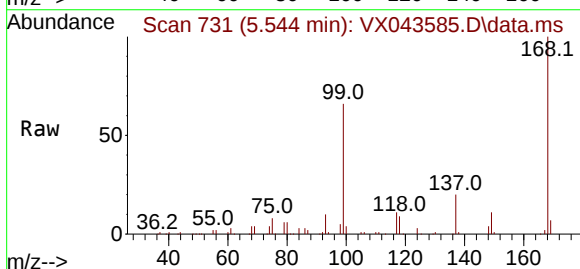
RT: 5.544 min Scan# 731

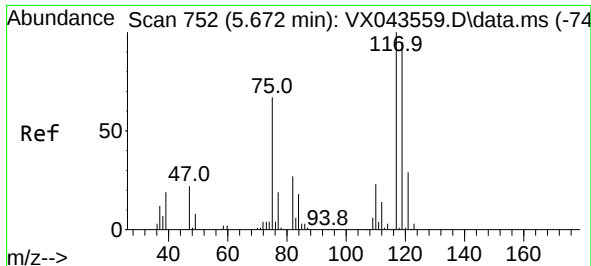
Delta R.T. -0.140 min

Lab File: VX043585.D

Acq: 29 Oct 2024 10:31

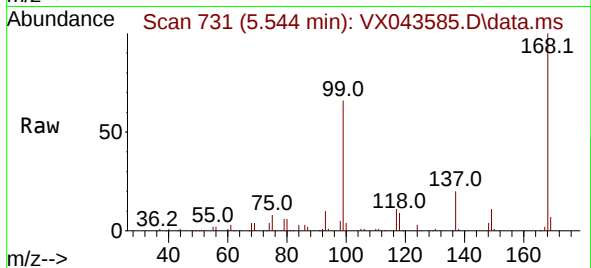
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12305 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 10.0  | 17.9  | 53.7# |
| 77       | 0.0   | 25.0  | 37.4# |



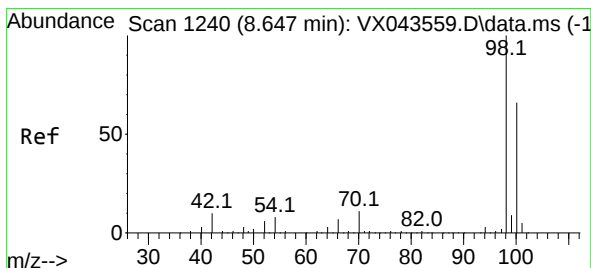
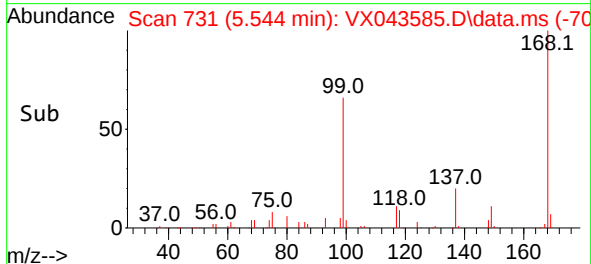
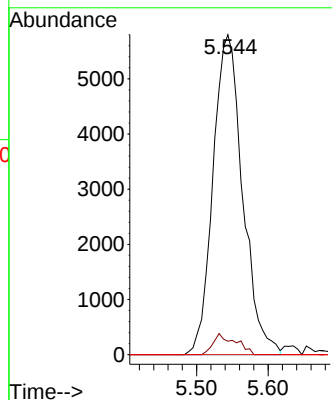


#38  
Carbon Tetrachloride  
Concen: 6.363 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBL01

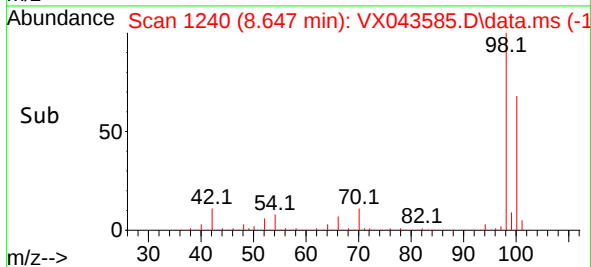
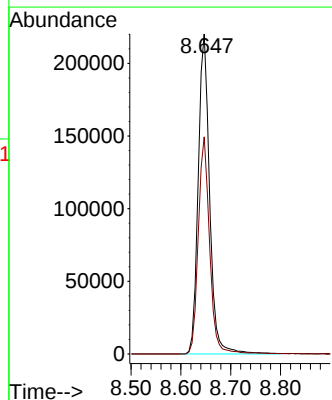
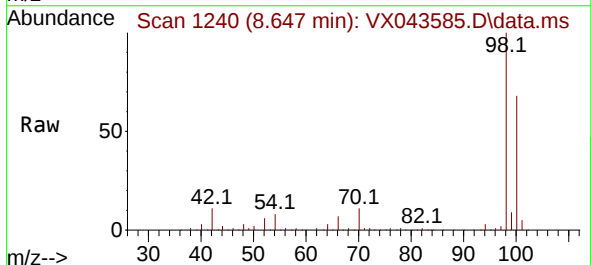


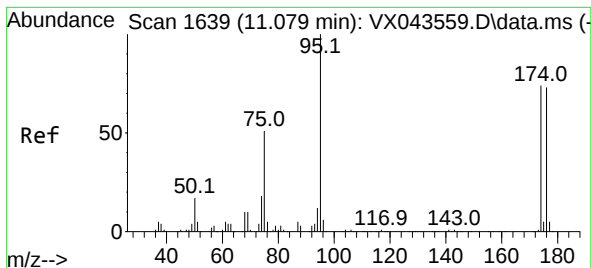
Tgt Ion:117 Resp: 16698  
Ion Ratio Lower Upper  
117 100  
119 4.2 77.0 115.6#  
121 0.0 24.7 37.1#



#50  
Toluene-d8  
Concen: 50.493 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

Tgt Ion: 98 Resp: 350111  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.4 80.2

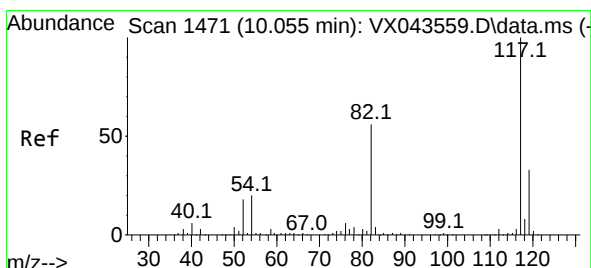
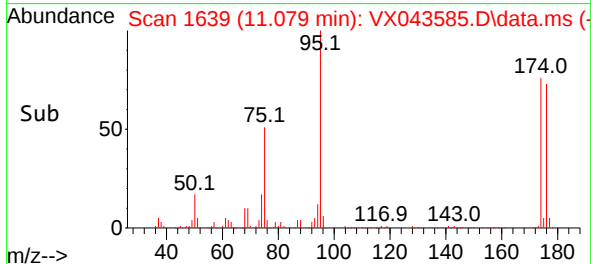
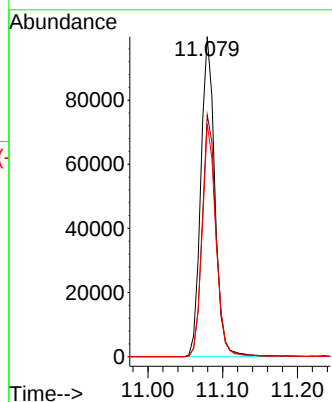
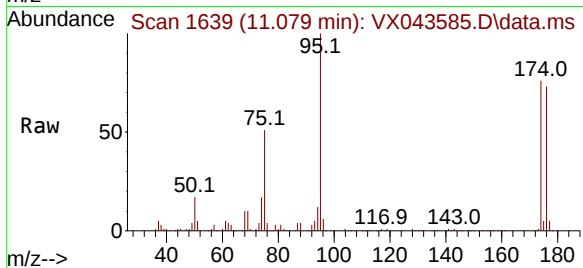




#62  
4-Bromofluorobenzene  
Concen: 50.575 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

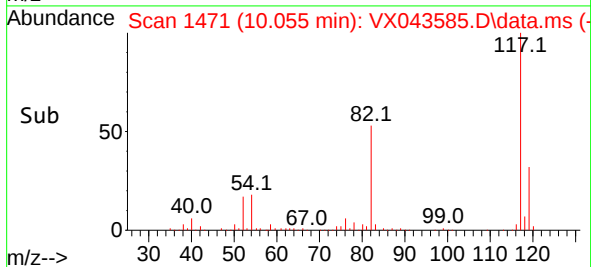
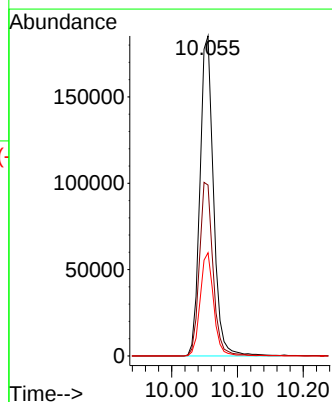
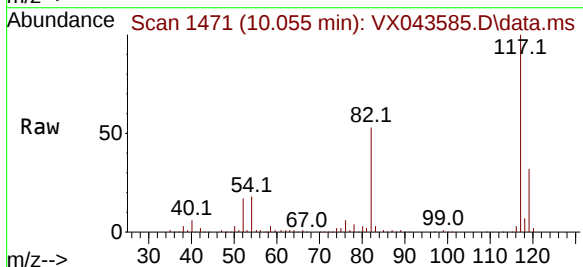
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBL01

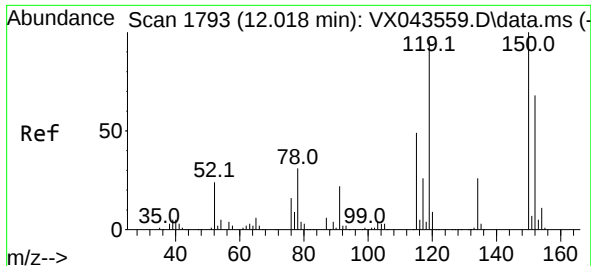
Tgt Ion: 95 Resp: 129946  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 146.6  
176 71.3 0.0 139.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

Tgt Ion: 117 Resp: 265502  
Ion Ratio Lower Upper  
117 100  
82 53.4 42.1 63.1  
119 32.3 25.4 38.2

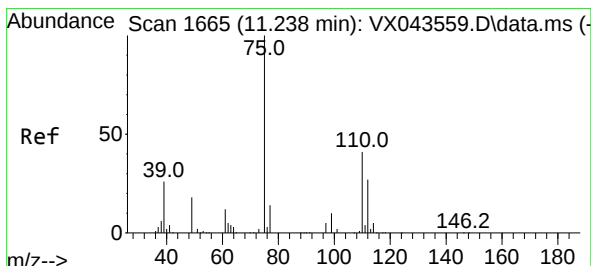
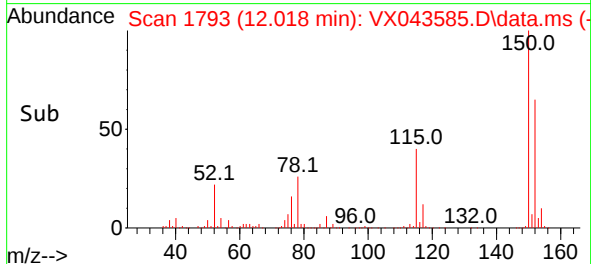
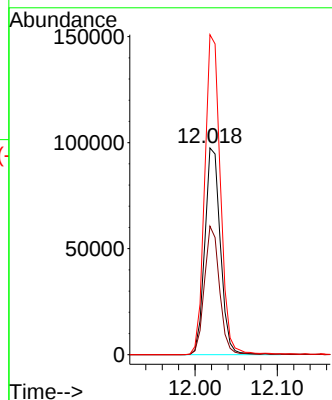
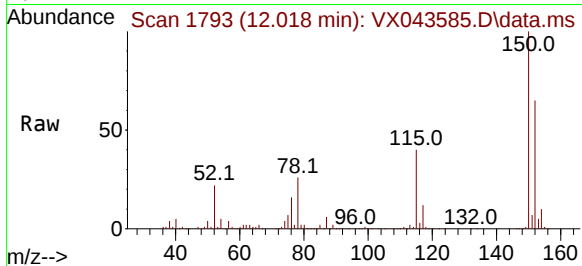




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX043585.D  
 Acq: 29 Oct 2024 10:31

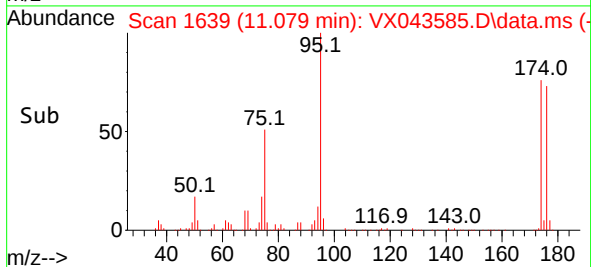
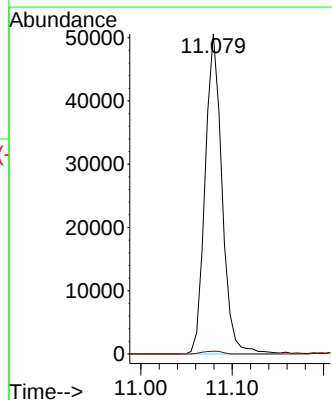
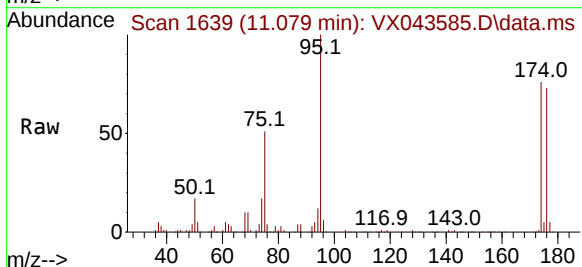
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBL01

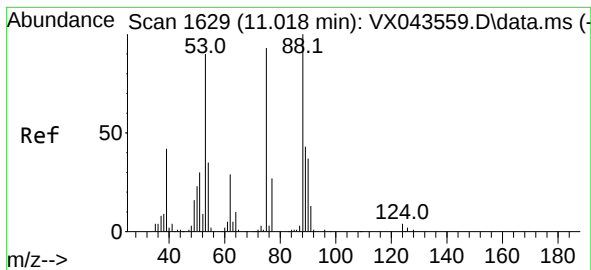
Tgt Ion:152 Resp: 128354  
 Ion Ratio Lower Upper  
 152 100  
 115 60.1 42.9 128.7  
 150 156.4 0.0 343.6



#76  
 1,2,3-Trichloropropane  
 Concen: 23.621 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.158 min  
 Lab File: VX043585.D  
 Acq: 29 Oct 2024 10:31

Tgt Ion: 75 Resp: 64826  
 Ion Ratio Lower Upper  
 75 100  
 77 1.0 22.4 67.2#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 64.983 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX043585.D  
 Acq: 29 Oct 2024 10:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBL01

Tgt Ion: 75 Resp: 64826  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 84.6 126.8#  
 89 0.0 38.6 58.0#

