

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051525\  
 Data File : VX046215.D  
 Acq On : 15 May 2025 15:44  
 Operator : JC/MD  
 Sample : Q2050-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 16 01:07:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

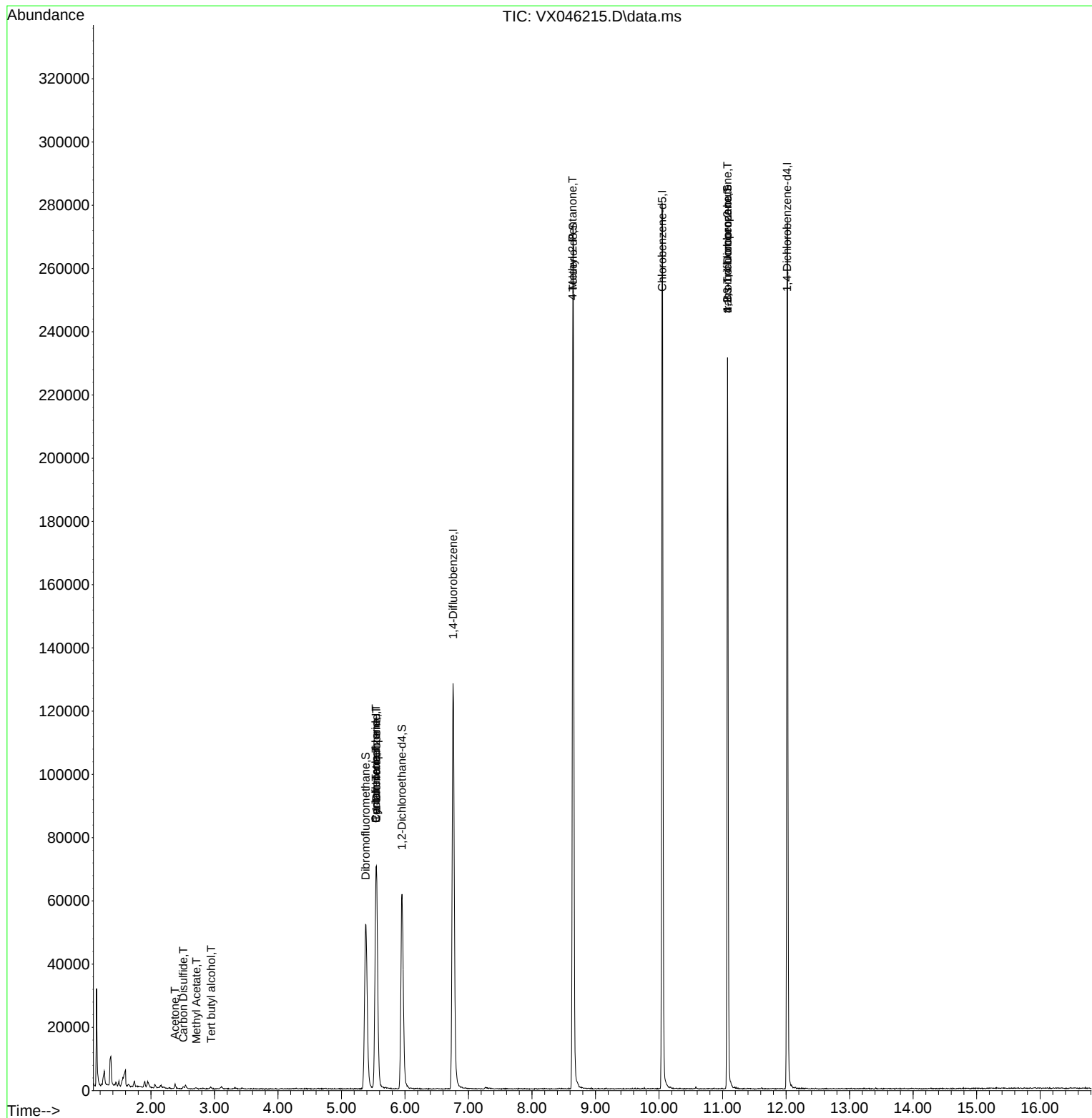
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) Pentafluorobenzene         | 5.544          | 168  | 61073               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757          | 114  | 122275              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.049         | 117  | 116802              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018         | 152  | 50006               | 50.000 | ug/l   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952          | 65   | 63331               | 55.622 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 111.240% |        |        |          |
| 35) Dibromofluoromethane      | 5.379          | 113  | 45823               | 52.041 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 104.080% |        |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 154226              | 50.606 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 101.220% |        |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 60054               | 51.372 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = 102.740% |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 11) Tert butyl alcohol        | 2.947          | 59   | 226                 | 1.414  | ug/l # | 72       |
| 16) Acetone                   | 2.380          | 43   | 1288                | 2.821  | ug/l   | 92       |
| 17) Carbon Disulfide          | 2.508          | 76   | 679                 | 0.395  | ug/l # | 76       |
| 18) Methyl Acetate            | 2.715          | 43   | 268                 | 0.253  | ug/l # | 55       |
| 31) Cyclohexane               | 5.544          | 56   | 2008                | 1.480  | ug/l # | 46       |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 6076                | 5.136  | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 5.544          | 117  | 7531                | 5.666  | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.641          | 43   | 939                 | 0.634  | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 34553               | 28.706 | ug/l # | 36       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 34553               | 93.459 | ug/l # | 1        |
| -----                         |                |      |                     |        |        |          |

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

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Sample : Q2050-07  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

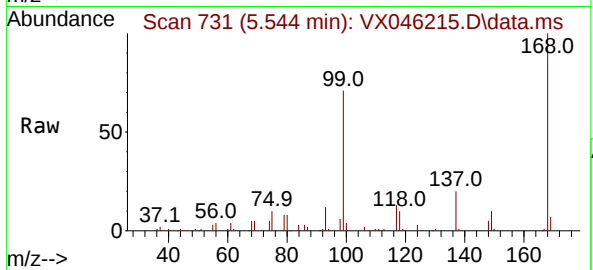
Quant Time: May 16 01:07:16 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
Response via : Initial Calibration



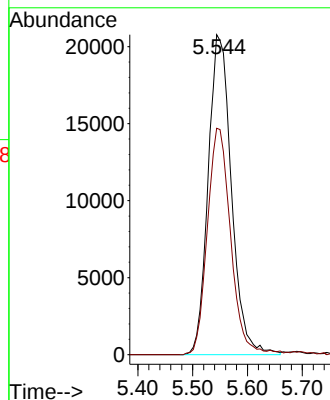
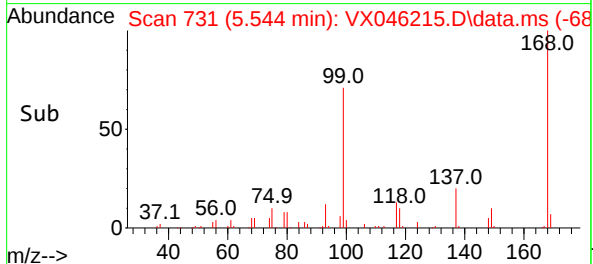


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

Instrument :  
MSVOA\_X  
ClientSampleId :

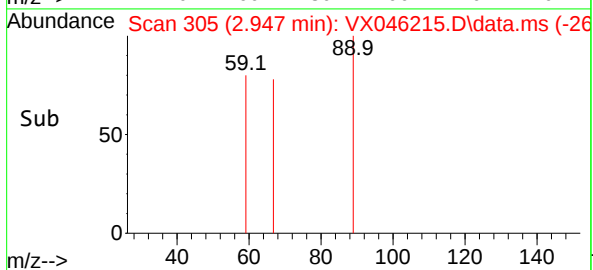
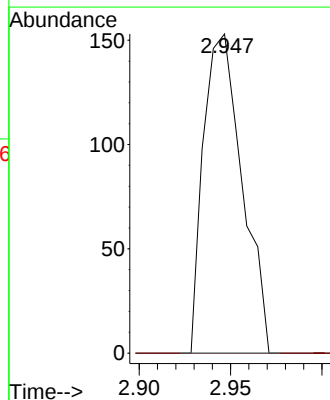
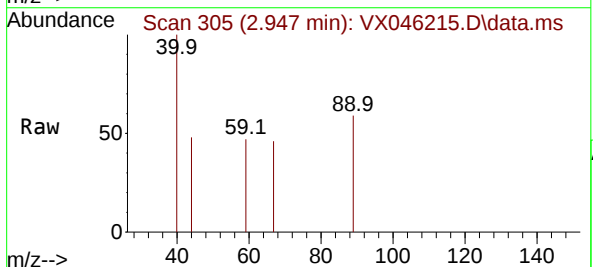


Tgt Ion:168 Resp: 61073  
Ion Ratio Lower Upper  
168 100  
99 70.8 54.9 82.3



#11  
Tert butyl alcohol  
Concen: 1.414 ug/l  
RT: 2.947 min Scan# 305  
Delta R.T. -0.030 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

Tgt Ion: 59 Resp: 226  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.6 12.8#

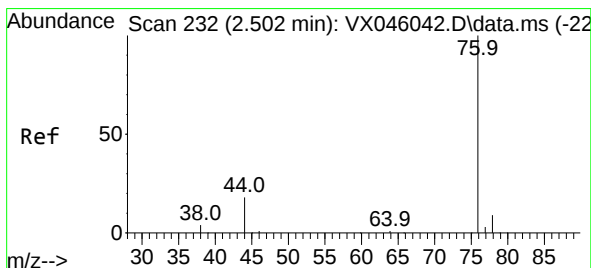
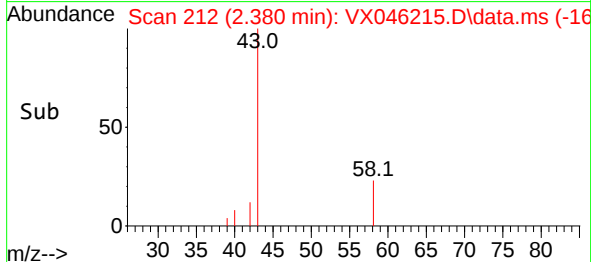
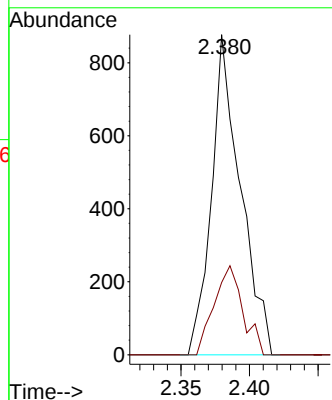
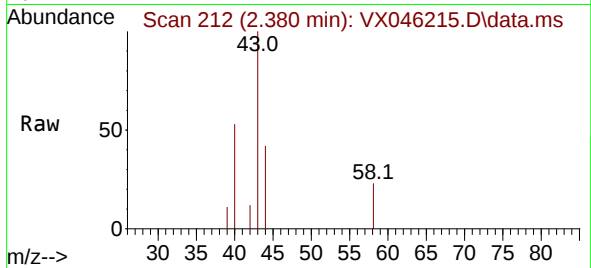




#16  
Acetone  
Concen: 2.821 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

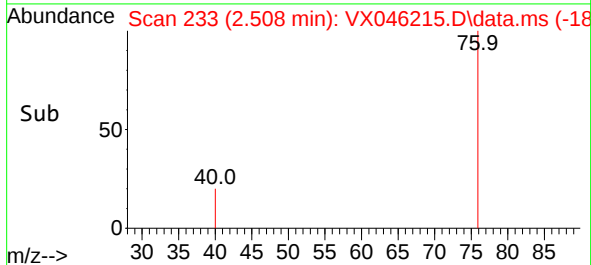
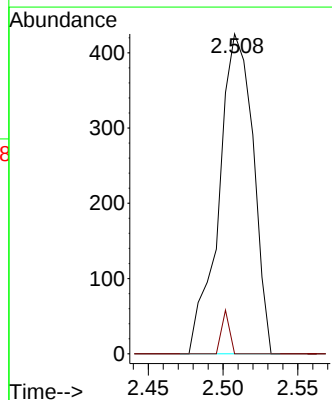
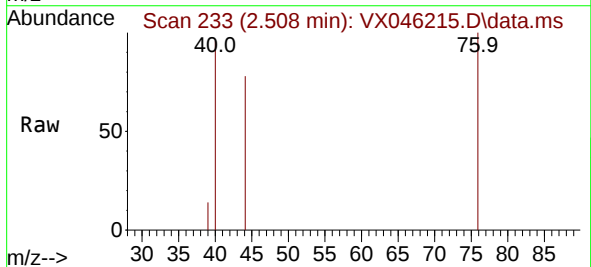
Instrument :  
MSVOA\_X  
ClientSampleId :

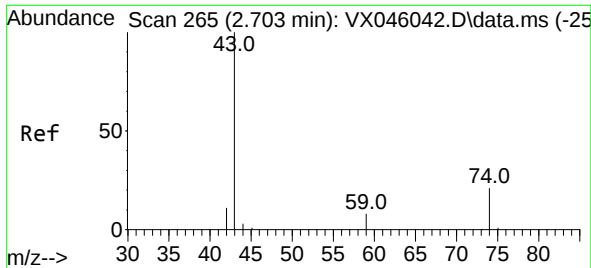
Tgt Ion: 43 Resp: 1288  
Ion Ratio Lower Upper  
43 100  
58 22.6 21.2 31.8



#17  
Carbon Disulfide  
Concen: 0.395 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. 0.006 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

Tgt Ion: 76 Resp: 679  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.0 10.4#

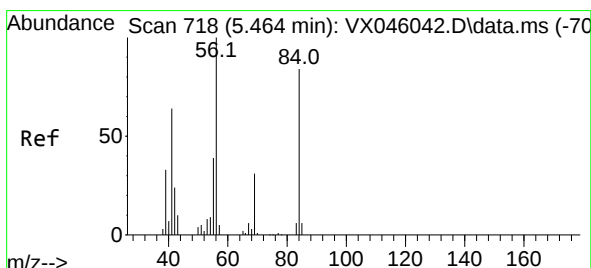
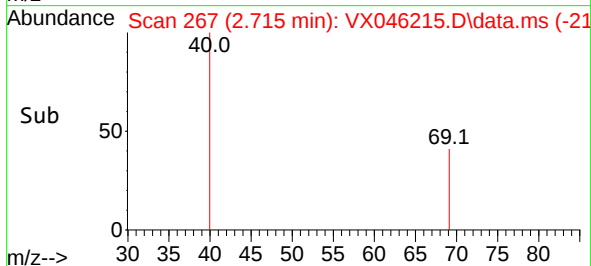
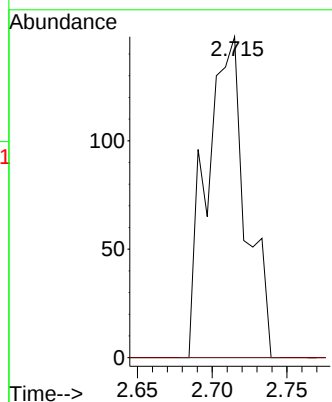
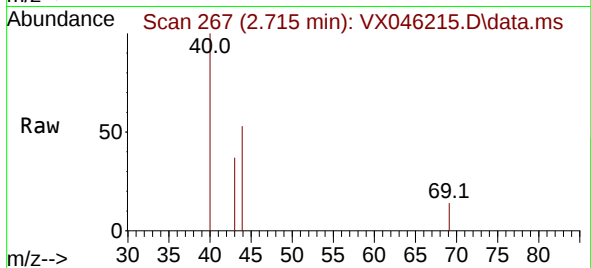




#18  
Methyl Acetate  
Concen: 0.253 ug/l  
RT: 2.715 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

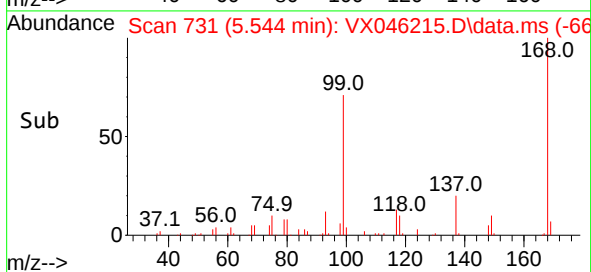
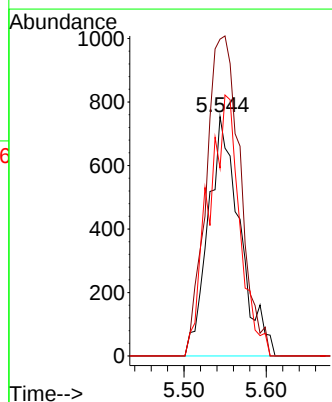
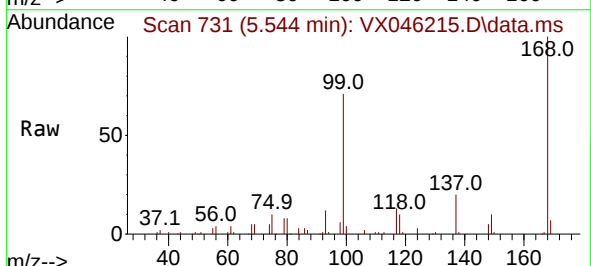
Instrument :  
MSVOA\_X  
ClientSampleId :

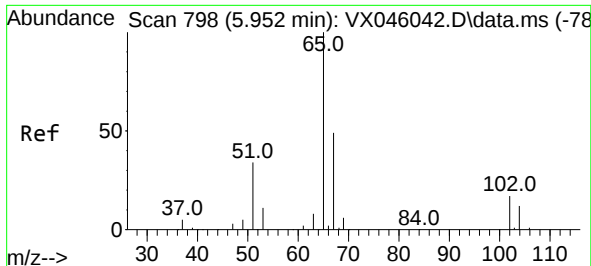
Tgt Ion: 43 Resp: 268  
Ion Ratio Lower Upper  
43 100  
74 0.0 16.7 25.1#



#31  
Cyclohexane  
Concen: 1.480 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.079 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

Tgt Ion: 56 Resp: 2008  
Ion Ratio Lower Upper  
56 100  
69 132.4 24.4 36.6#  
84 78.5 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 55.622 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046215.D

Acq: 15 May 2025 15:44

Instrument :

MSVOA\_X

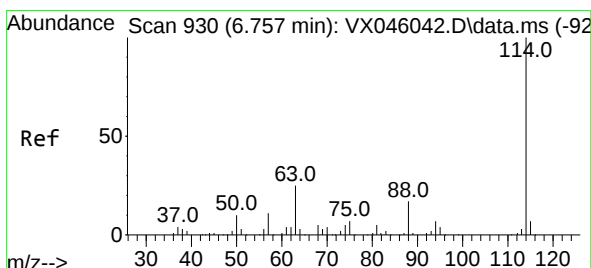
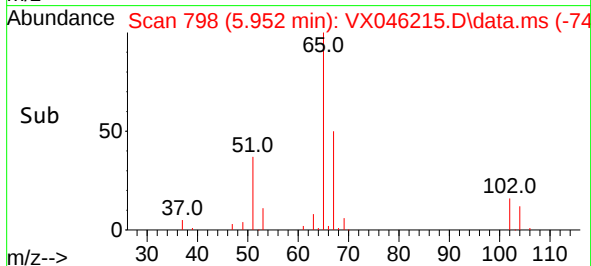
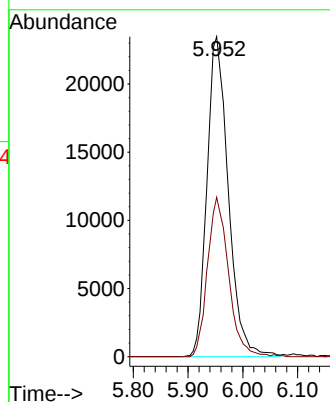
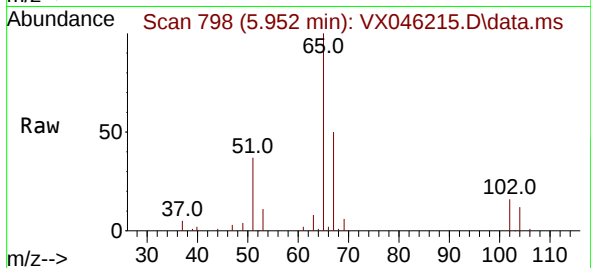
ClientSampleId :

Tgt Ion: 65 Resp: 63331

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046215.D

Acq: 15 May 2025 15:44

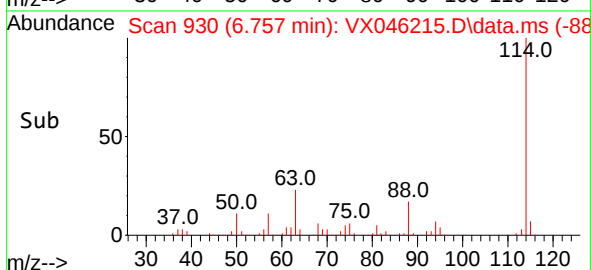
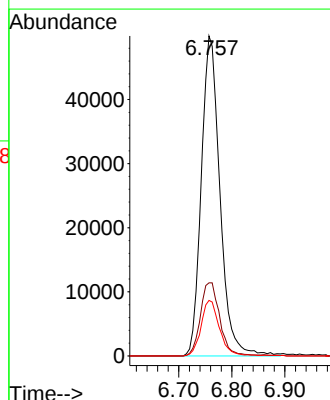
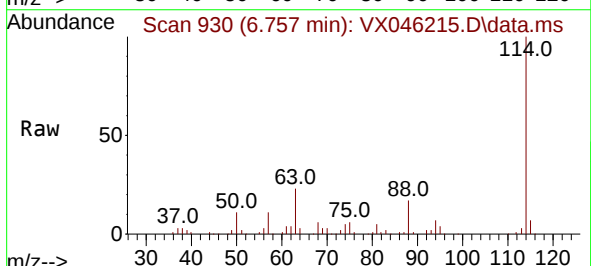
Tgt Ion: 114 Resp: 122275

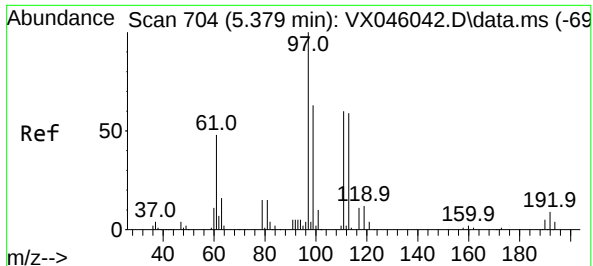
Ion Ratio Lower Upper

114 100

63 22.9 0.0 49.2

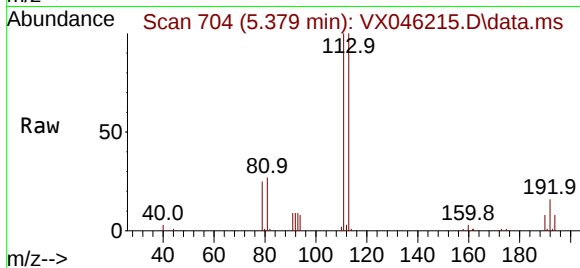
88 17.3 0.0 33.6



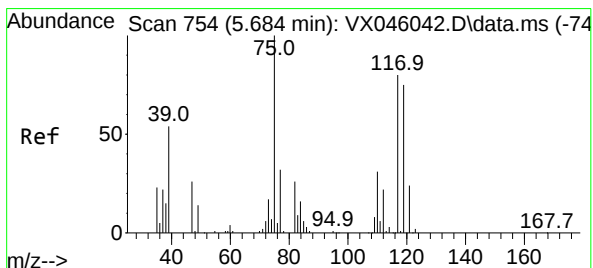
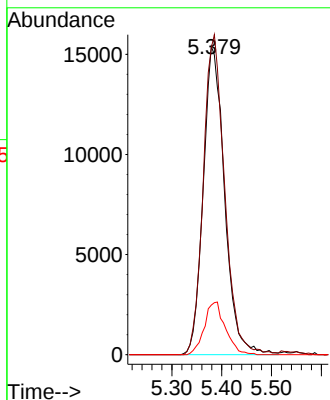
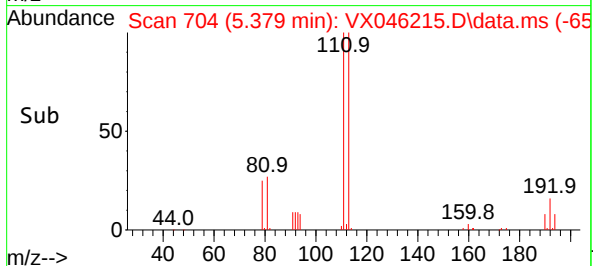


#35  
Dibromofluoromethane  
Concen: 52.041 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

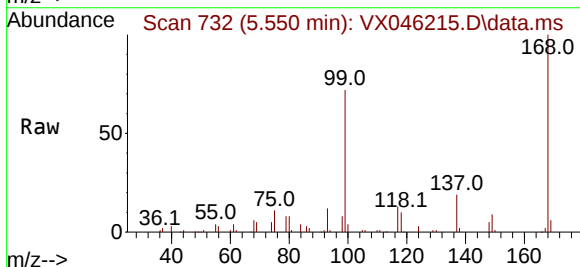
Instrument :  
MSVOA\_X  
ClientSampleId :



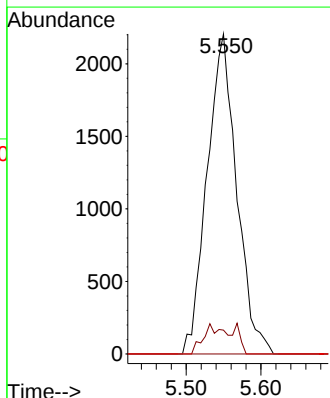
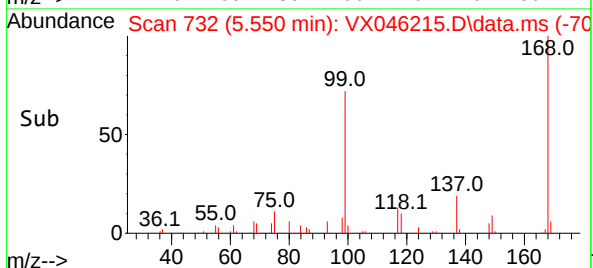
Tgt Ion:113 Resp: 45823  
Ion Ratio Lower Upper  
113 100  
111 103.6 83.1 124.7  
192 16.8 13.3 19.9

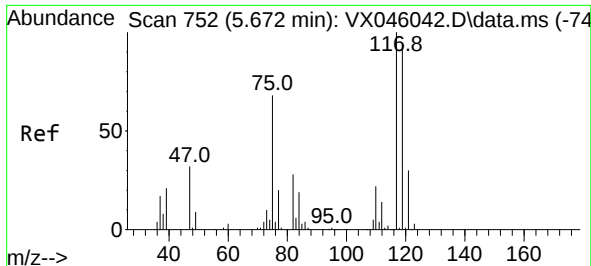


#36  
1,1-Dichloropropene  
Concen: 5.136 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.134 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44



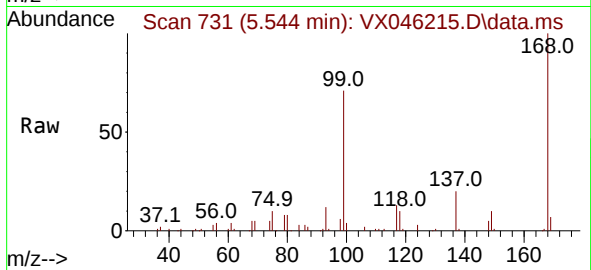
Tgt Ion: 75 Resp: 6076  
Ion Ratio Lower Upper  
75 100  
110 6.6 16.3 48.9#  
77 0.0 24.3 36.5#



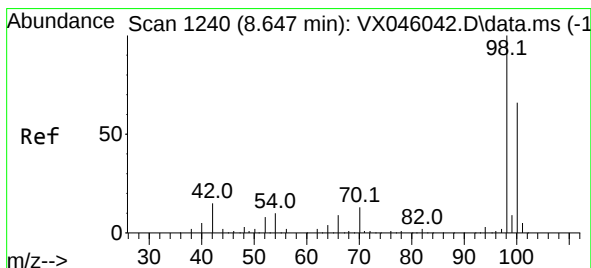
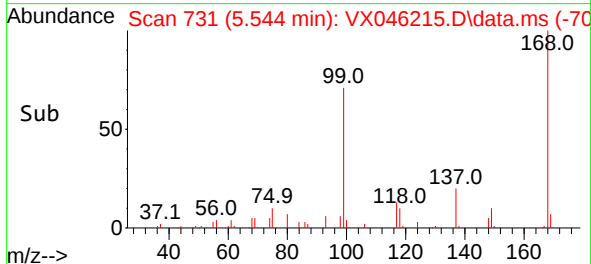
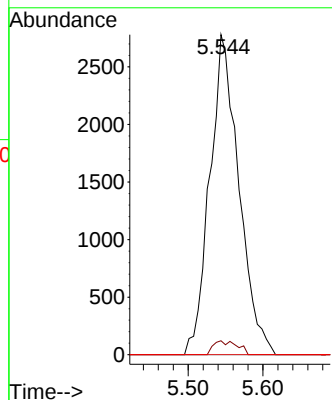


#38  
Carbon Tetrachloride  
Concen: 5.666 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

Instrument :  
MSVOA\_X  
ClientSampleId :

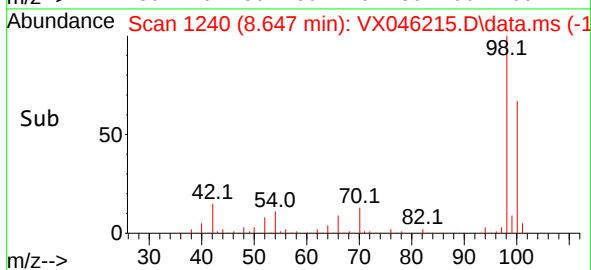
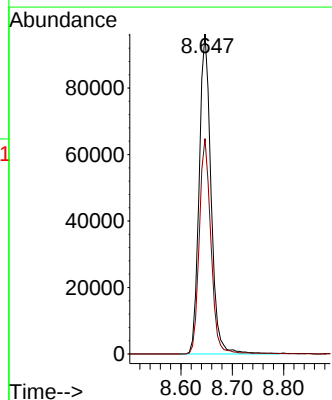
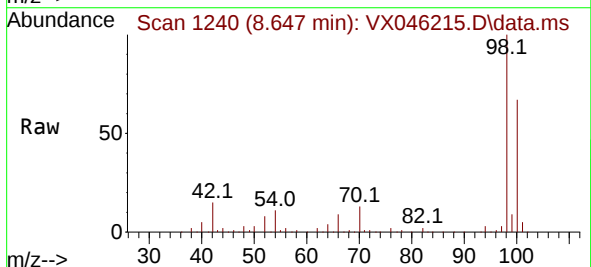


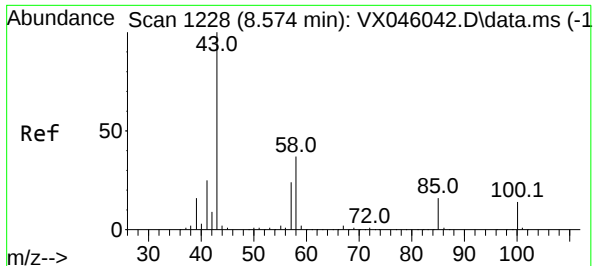
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Ion Ratio Lower Upper  
117 100  
119 4.4 75.2 112.8#  
121 0.0 24.2 36.4#



#50  
Toluene-d8  
Concen: 50.606 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

Tgt Ion: 98 Resp: 154226  
Ion Ratio Lower Upper  
98 100  
100 65.8 53.5 80.3

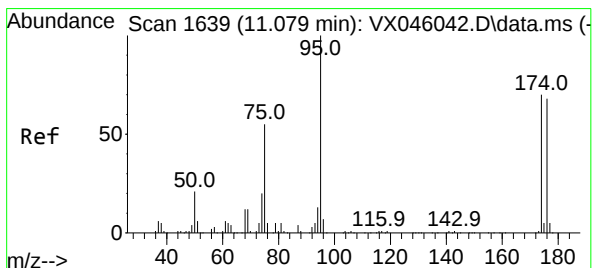
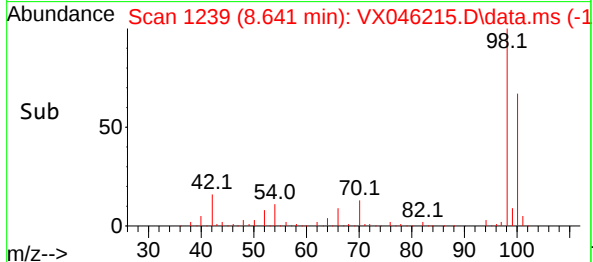
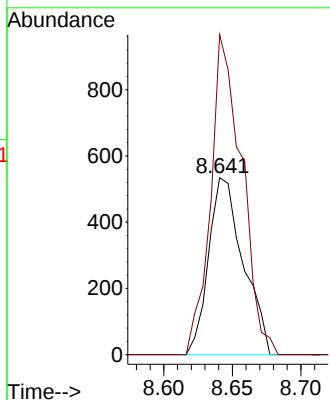
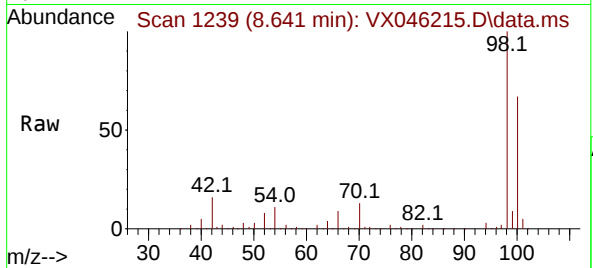




#51  
4-Methyl-2-Pentanone  
Concen: 0.634 ug/l  
RT: 8.641 min Scan# 1239  
Delta R.T. 0.067 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

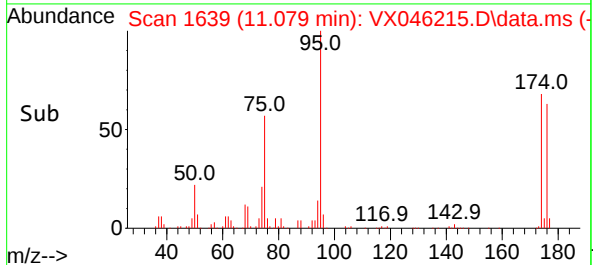
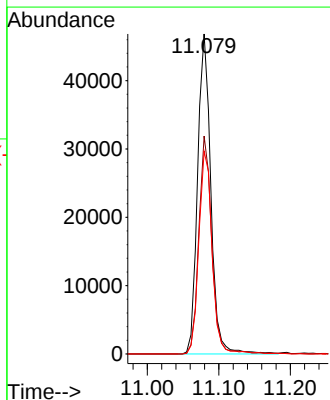
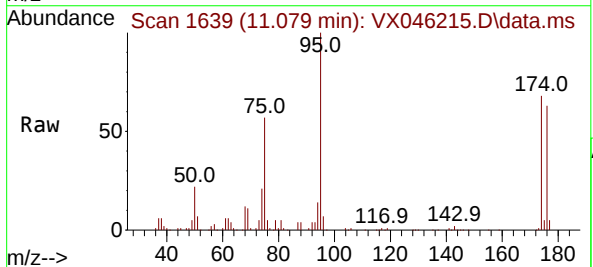
Instrument :  
MSVOA\_X  
ClientSampleId :

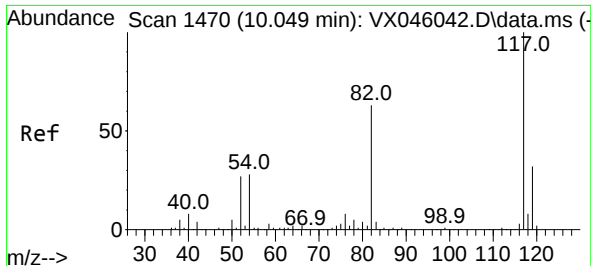
Tgt Ion: 43 Resp: 939  
Ion Ratio Lower Upper  
43 100  
58 162.7 28.9 43.3#



#62  
4-Bromofluorobenzene  
Concen: 51.372 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

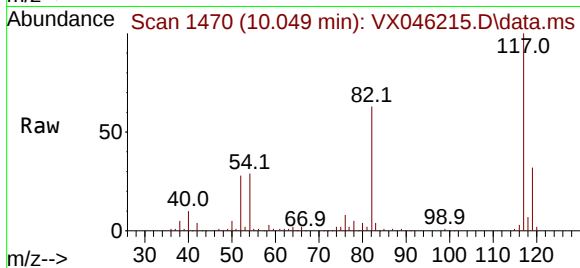
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Ion Ratio Lower Upper  
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174 66.7 0.0 135.8  
176 63.9 0.0 131.4



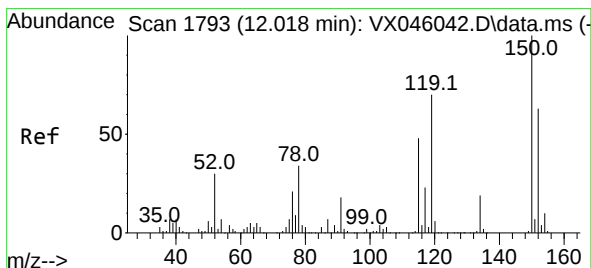
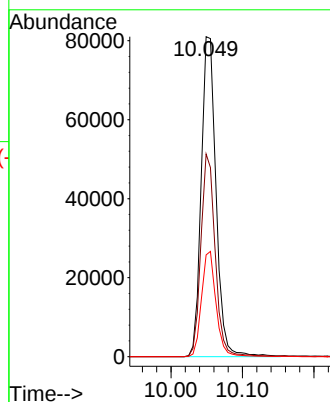
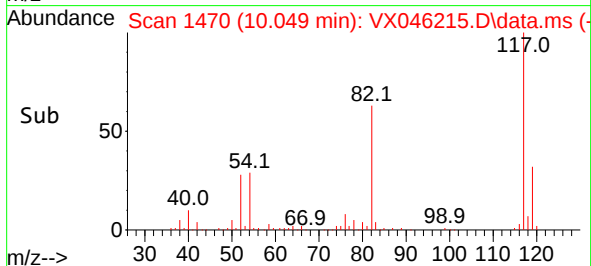


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

Instrument :  
MSVOA\_X  
ClientSampleId :

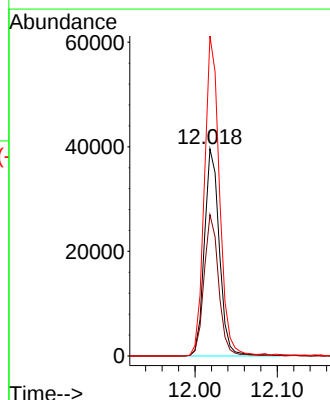
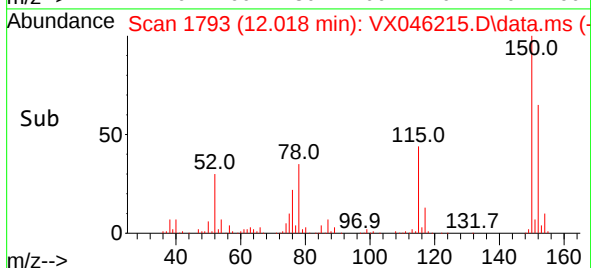
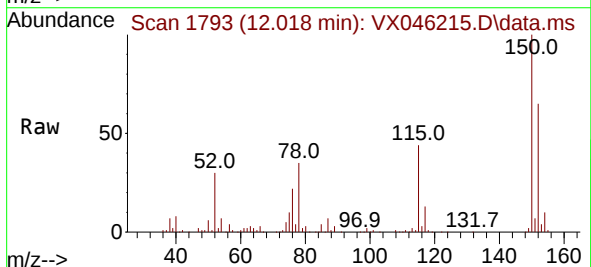


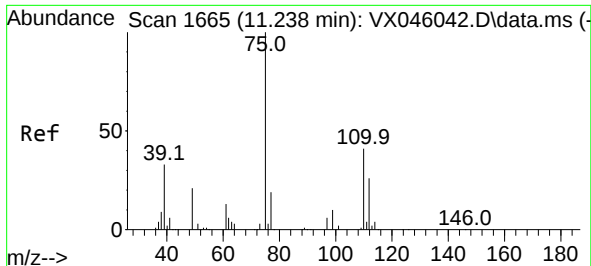
Tgt Ion:117 Resp: 116802  
Ion Ratio Lower Upper  
117 100  
82 63.3 50.6 76.0  
119 31.8 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

Tgt Ion:152 Resp: 50006  
Ion Ratio Lower Upper  
152 100  
115 66.8 46.9 140.7  
150 156.5 0.0 351.0

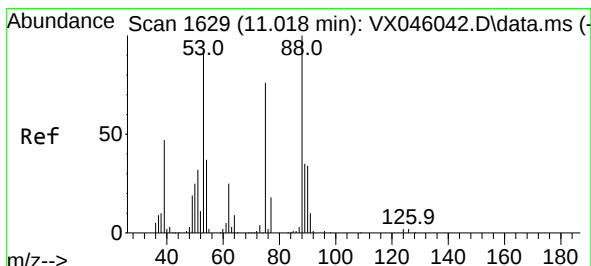
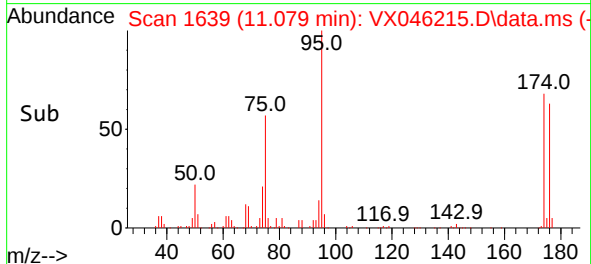
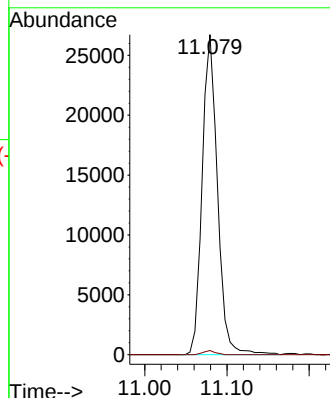
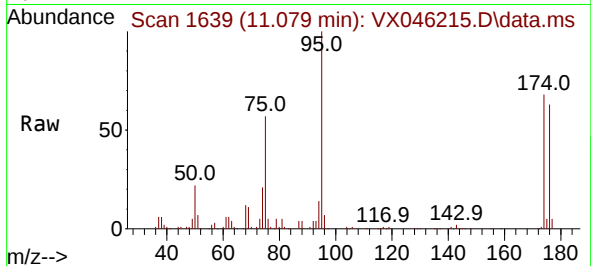




#76  
1,2,3-Trichloropropane  
Concen: 28.706 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 34553  
Ion Ratio Lower Upper  
75 100  
77 1.0 20.5 61.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 93.459 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX046215.D  
Acq: 15 May 2025 15:44

Tgt Ion: 75 Resp: 34553  
Ion Ratio Lower Upper  
75 100  
53 0.0 100.5 150.7#  
89 0.0 37.0 55.6#

