

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110923\  
 Data File : VX038706.D  
 Acq On : 10 Nov 2023 05:49  
 Operator : JC/MD  
 Sample : 05241-19  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FSND-MW-35-20231102

Quant Time: Nov 10 06:21:57 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

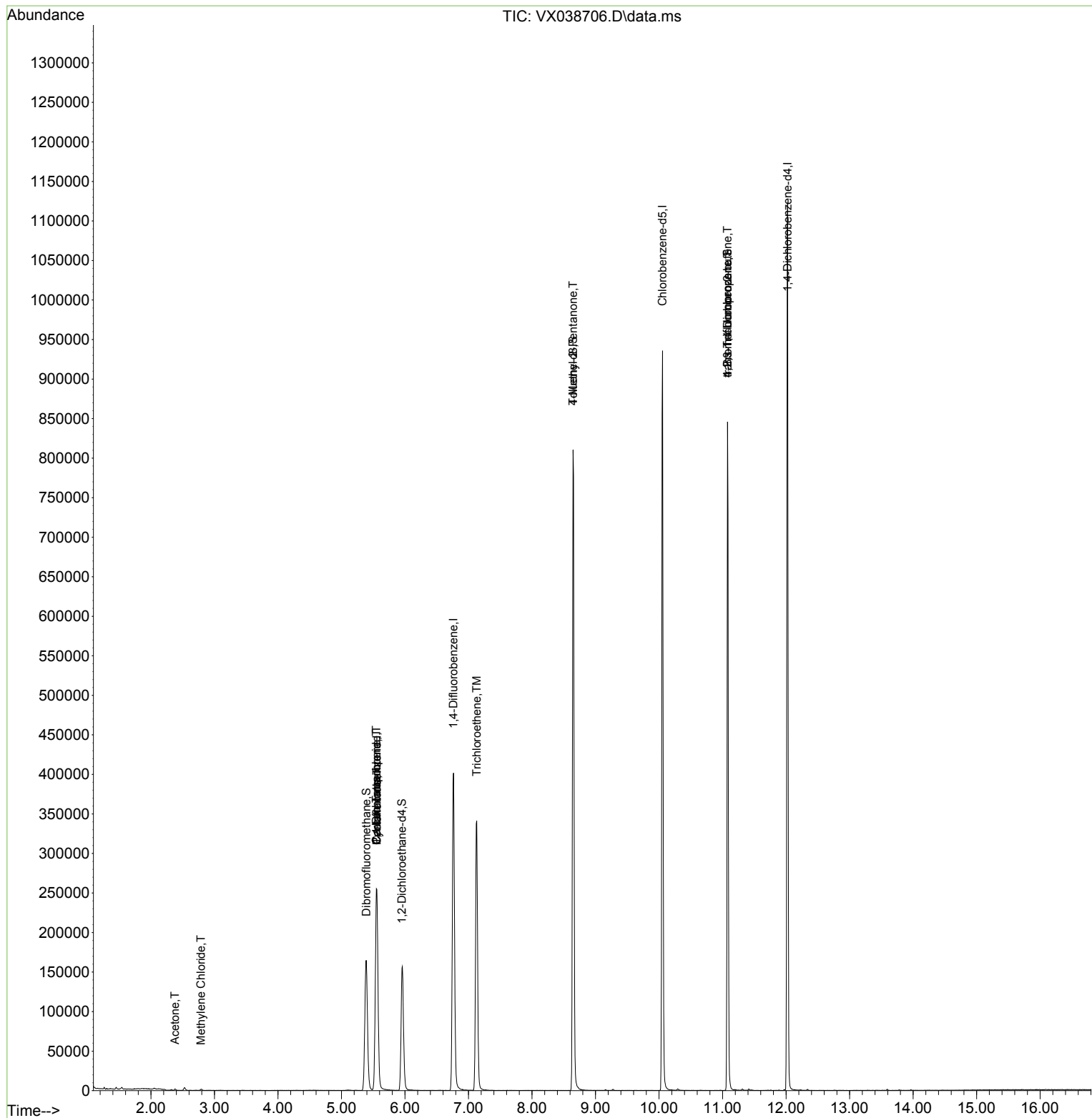
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) Pentafluorobenzene         | 5.556          | 168  | 271647     | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 449174     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 478127     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 270224     | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4     | 5.952          | 65   | 157026     | 46.431   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 92.860%  |       |          |
| 35) Dibromofluoromethane      | 5.391          | 113  | 148822     | 46.002   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 92.000%  |       |          |
| 50) Toluene-d8                | 8.647          | 98   | 537119     | 46.398   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 92.800%  |       |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 232827     | 51.874   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 103.740% |       |          |
| Target Compounds              |                |      |            |          |       |          |
|                               |                |      |            |          |       | Qvalue   |
| 16) Acetone                   | 2.380          | 43   | 1684       | 1.182    | ug/l  | # 58     |
| 20) Methylene Chloride        | 2.788          | 84   | 905        | 0.315    | ug/l  | # 76     |
| 31) Cyclohexane               | 5.556          | 56   | 4047       | 1.081    | ug/l  | # 1      |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 17059      | 4.245    | ug/l  | # 52     |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 25789      | 5.740    | ug/l  | # 14     |
| 44) Trichloroethene           | 7.129          | 130  | 146714     | 40.738   | ug/l  | # 91     |
| 51) 4-Methyl-2-Pentanone      | 8.647          | 43   | 1810       | 0.440    | ug/l  | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 109590     | 20.477   | ug/l  | # 39     |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 109590     | 62.421   | ug/l  | # 5      |
| -----                         |                |      |            |          |       |          |

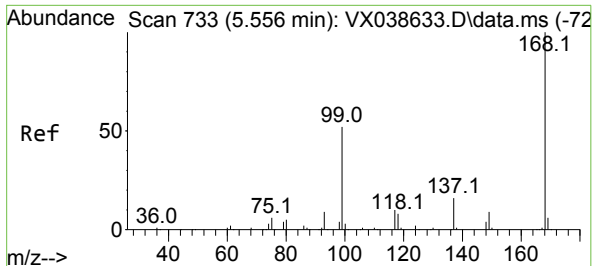
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FSND-MW-35-20231102

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QLast Update : Wed Nov 08 03:19:07 2023  
Response via : Initial Calibration

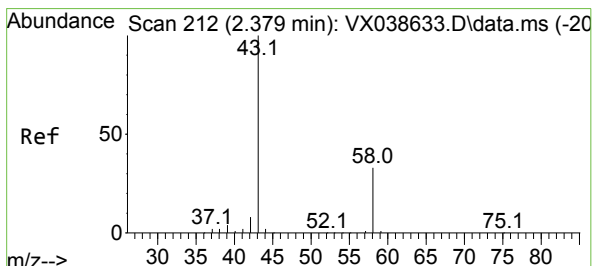
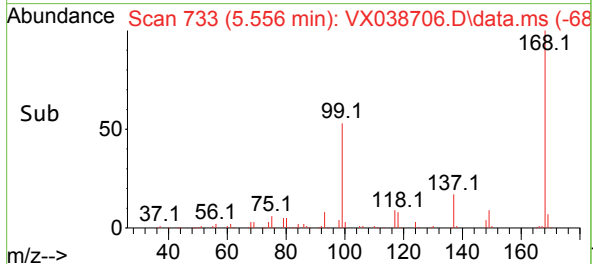
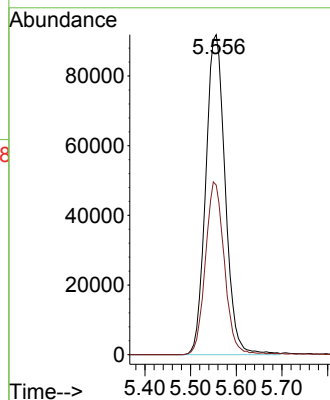
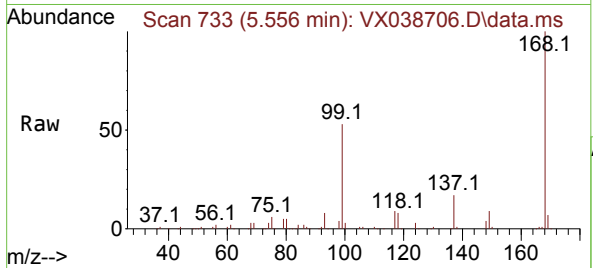




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

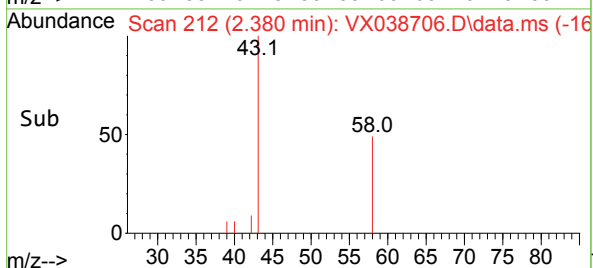
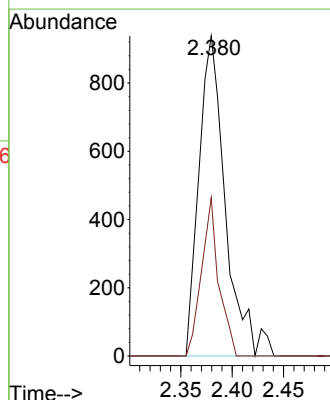
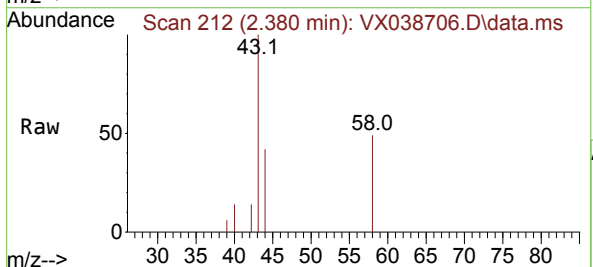
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-35-20231102

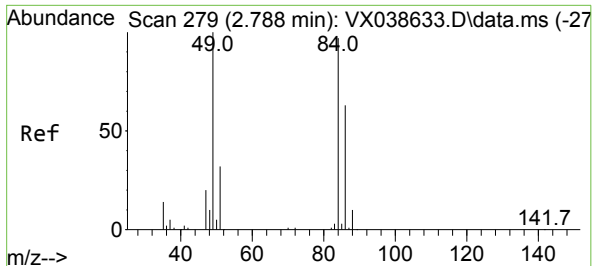
Tgt Ion:168 Resp: 271647  
Ion Ratio Lower Upper  
168 100  
99 53.0 56.6 85.0#



#16  
Acetone  
Concen: 1.182 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

Tgt Ion: 43 Resp: 1684  
Ion Ratio Lower Upper  
43 100  
58 49.5 21.9 32.9#

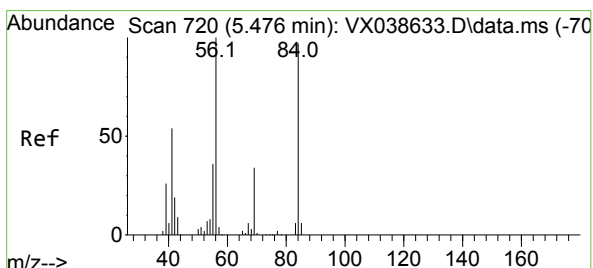
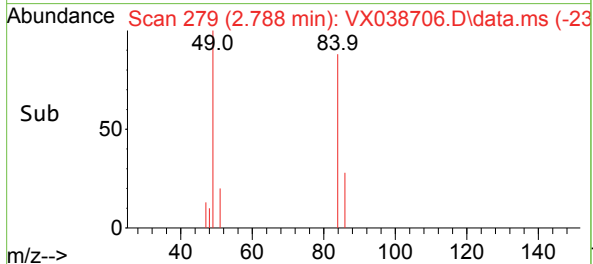
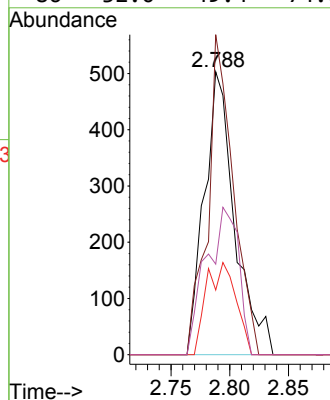
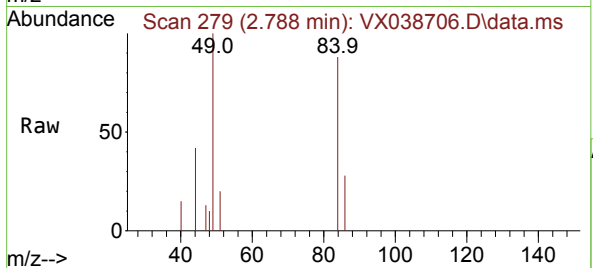




#20  
Methylene Chloride  
Concen: 0.315 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

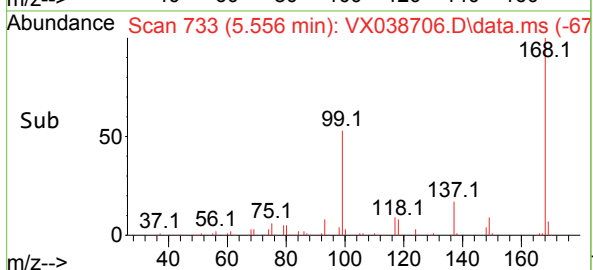
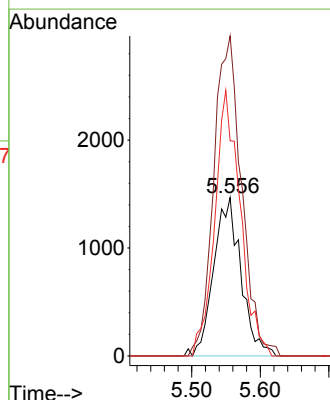
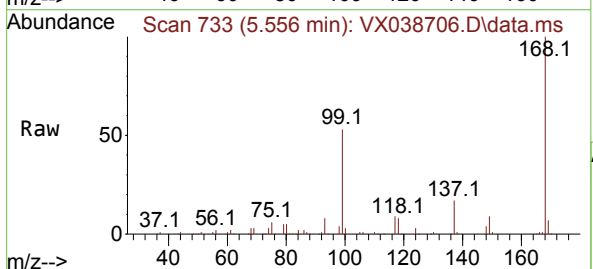
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-35-20231102

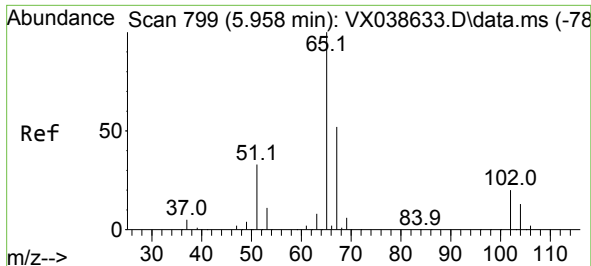
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 905   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 113.1 | 103.6 | 155.4 |
| 51       | 22.9  | 33.8  | 50.6# |
| 86       | 32.0  | 49.4  | 74.0# |



#31  
Cyclohexane  
Concen: 1.081 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.080 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 4047  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 202.1 | 23.4  | 35.2# |
| 84       | 135.9 | 65.9  | 98.9# |





#33

1,2-Dichloroethane-d4

Concen: 46.431 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038706.D

Acq: 10 Nov 2023 05:49

Instrument :

MSVOA\_X

ClientSampleId :

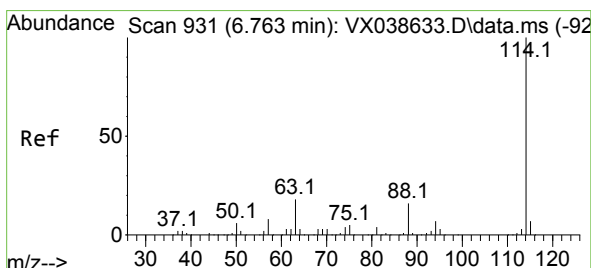
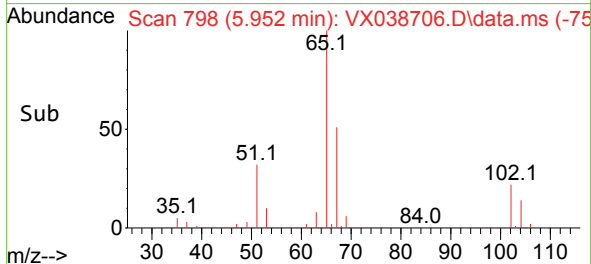
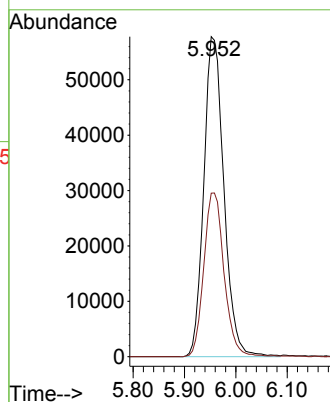
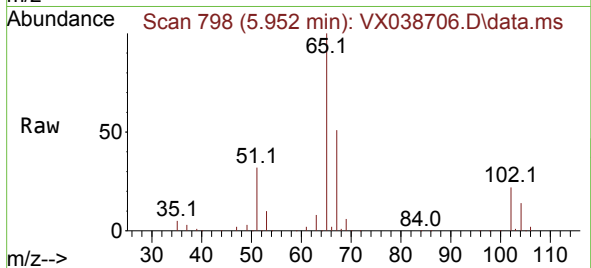
FSND-MW-35-20231102

Tgt Ion: 65 Resp: 157026

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038706.D

Acq: 10 Nov 2023 05:49

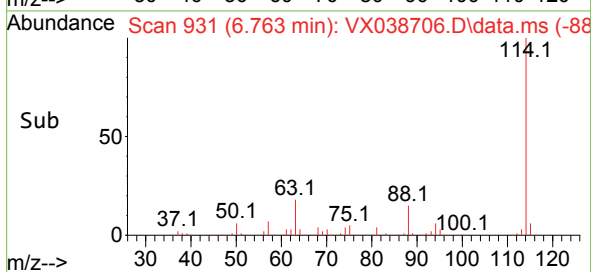
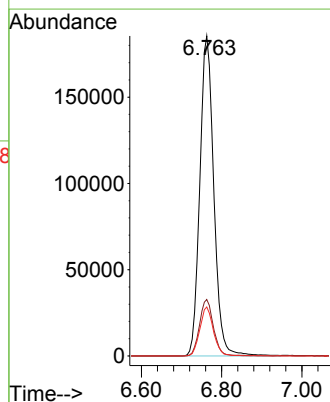
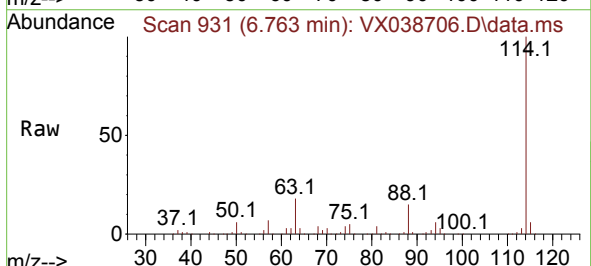
Tgt Ion: 114 Resp: 449174

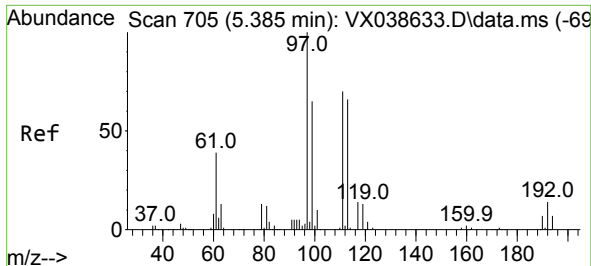
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 15.3 0.0 36.6

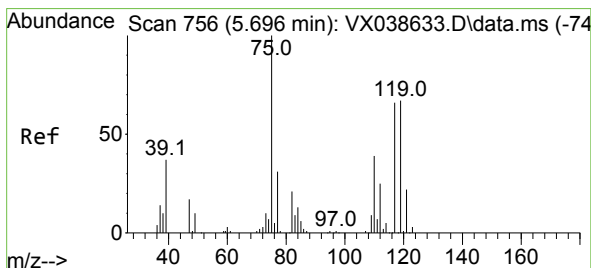
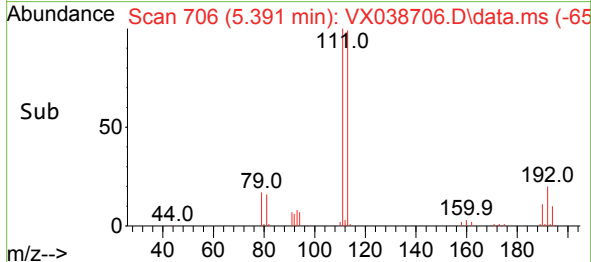
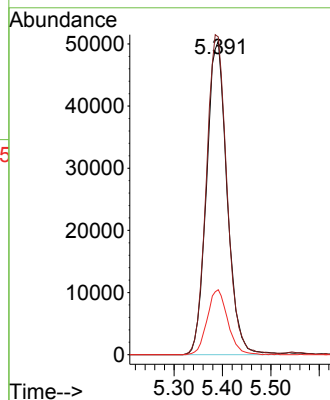
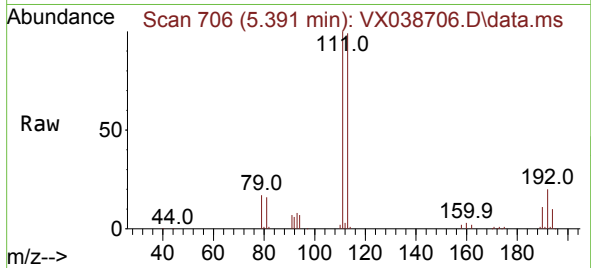




#35  
Dibromofluoromethane  
Concen: 46.002 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

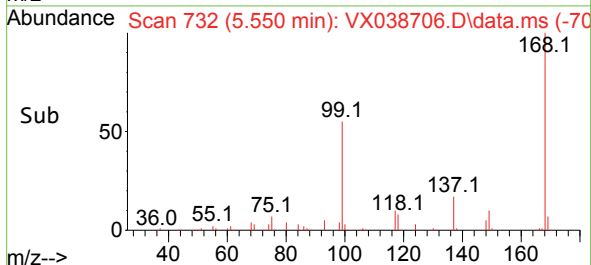
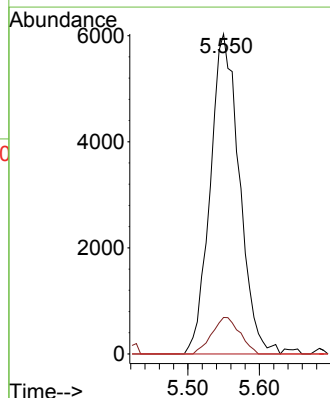
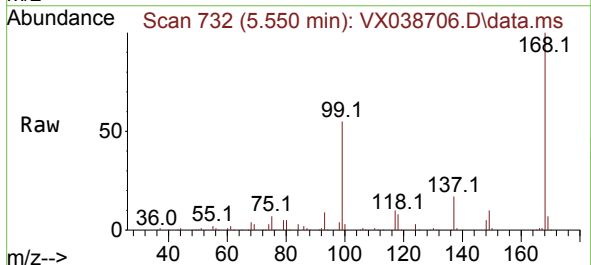
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-35-20231102

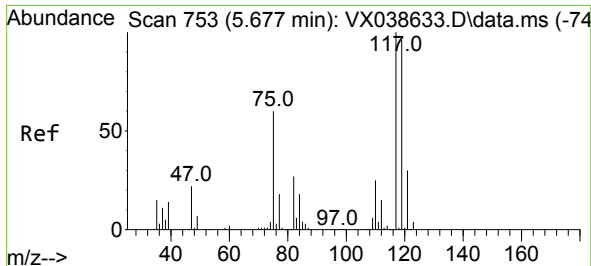
Tgt Ion:113 Resp: 148822  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.9 124.3  
192 20.7 13.3 19.9#



#36  
1,1-Dichloropropene  
Concen: 4.245 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.146 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

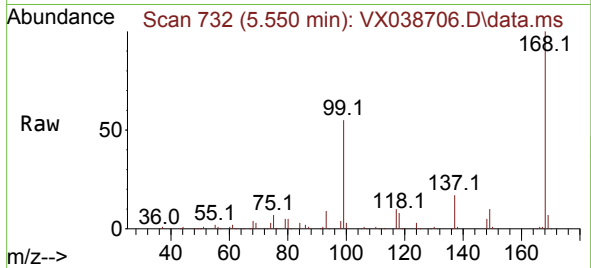
Tgt Ion: 75 Resp: 17059  
Ion Ratio Lower Upper  
75 100  
110 10.9 17.0 50.9#  
77 0.0 24.7 37.1#



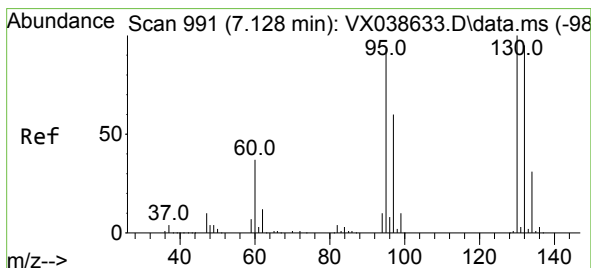
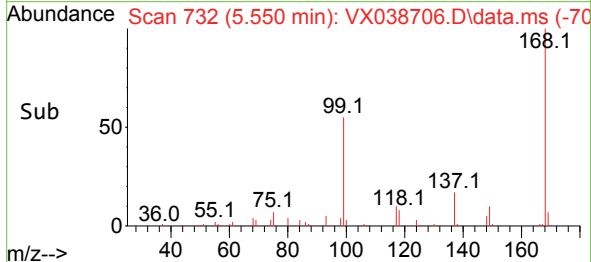
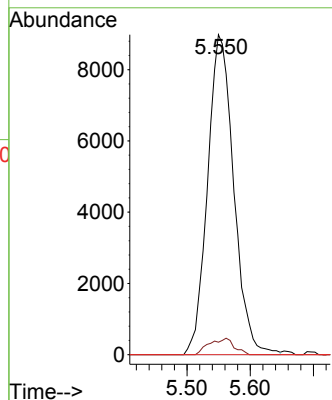


#38  
Carbon Tetrachloride  
Concen: 5.740 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-35-20231102

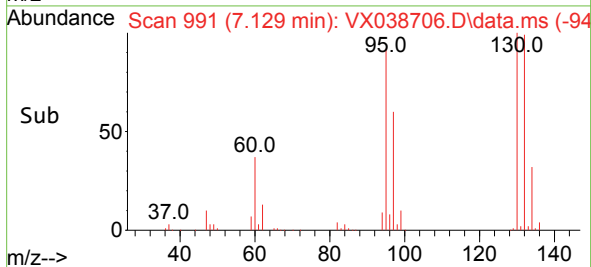
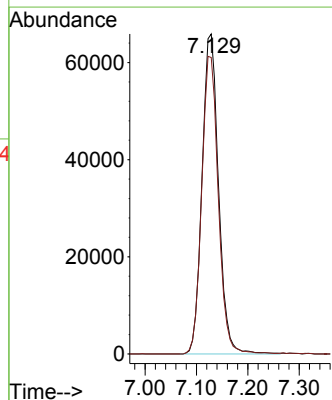
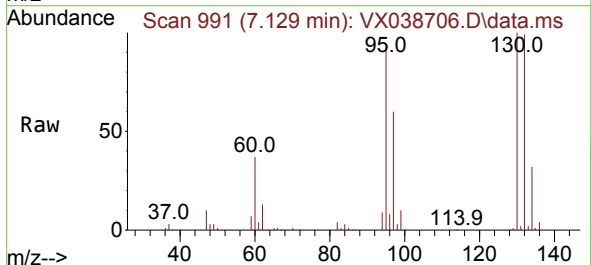


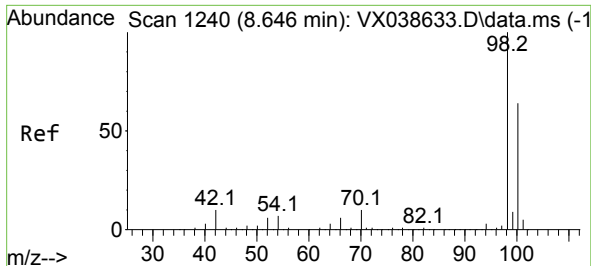
Tgt Ion:117 Resp: 25789  
Ion Ratio Lower Upper  
117 100  
119 3.9 78.2 117.2#  
121 0.0 24.4 36.6#



#44  
Trichloroethene  
Concen: 40.738 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

Tgt Ion:130 Resp: 146714  
Ion Ratio Lower Upper  
130 100  
95 92.6 0.0 204.4

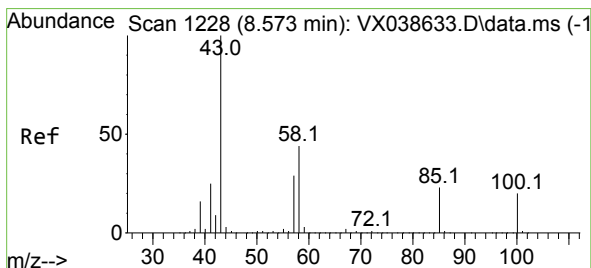
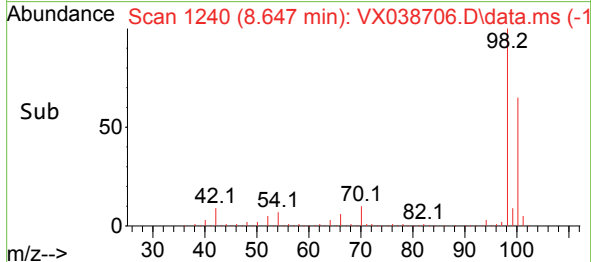
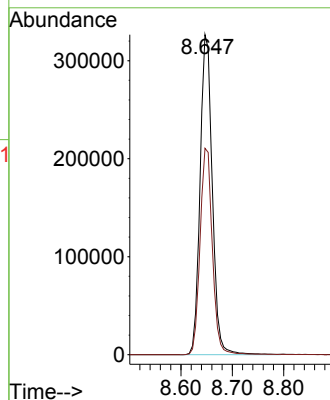
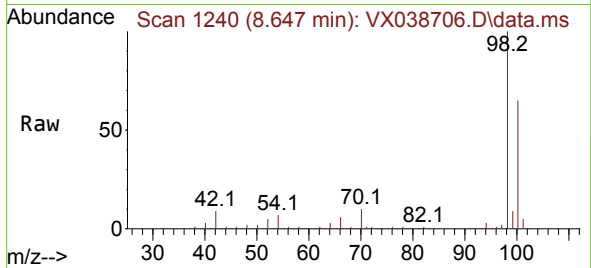




#50  
Toluene-d8  
Concen: 46.398 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

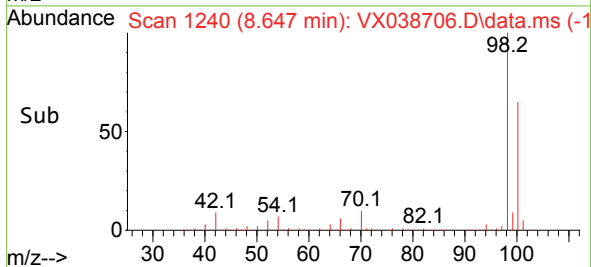
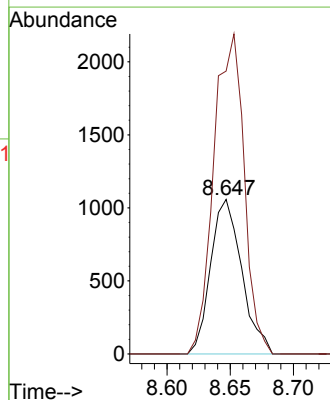
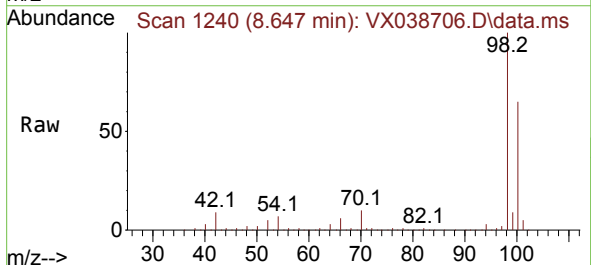
Instrument :  
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FSND-MW-35-20231102

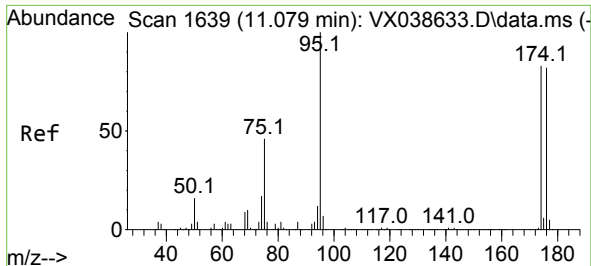
Tgt Ion: 98 Resp: 537119  
Ion Ratio Lower Upper  
98 100  
100 65.1 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.440 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

Tgt Ion: 43 Resp: 1810  
Ion Ratio Lower Upper  
43 100  
58 202.3 30.4 45.6#

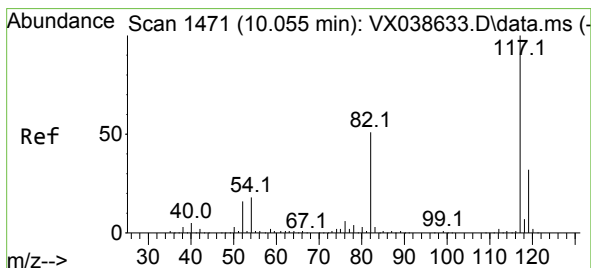
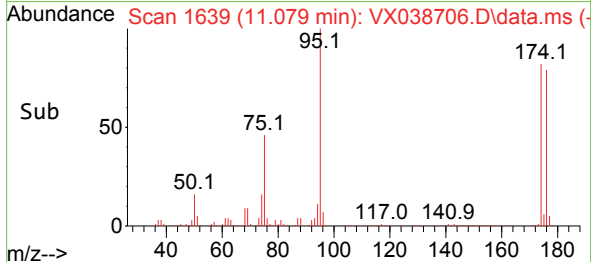
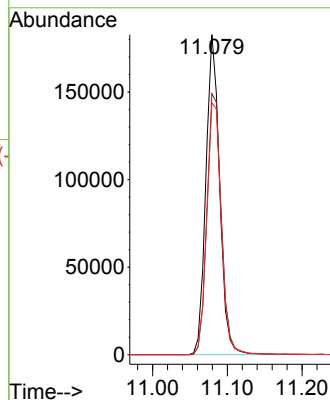
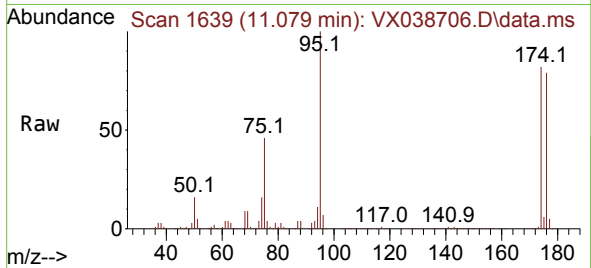




#62  
4-Bromofluorobenzene  
Concen: 51.874 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

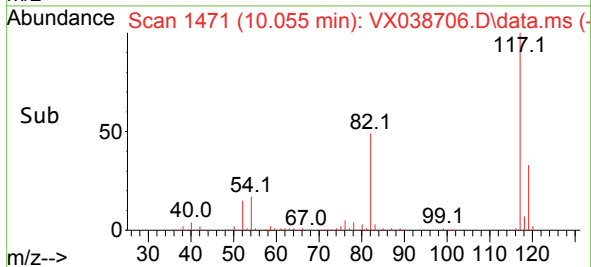
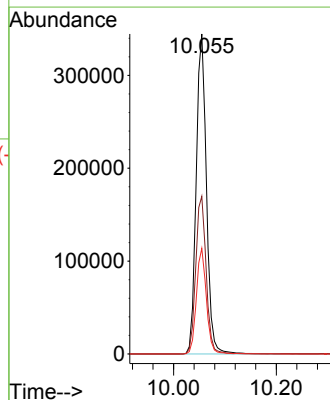
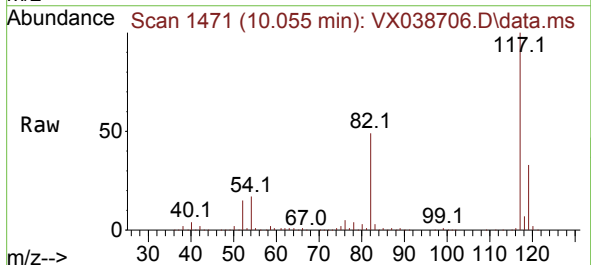
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-35-20231102

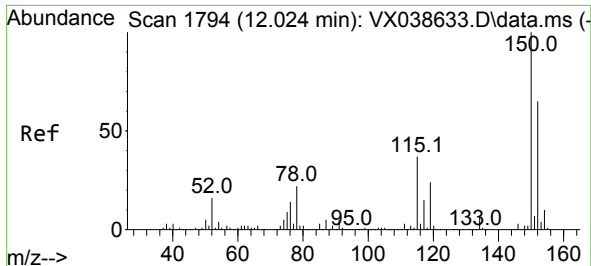
Tgt Ion: 95 Resp: 232827  
Ion Ratio Lower Upper  
95 100  
174 86.4 0.0 135.6  
176 83.5 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038706.D  
Acq: 10 Nov 2023 05:49

Tgt Ion: 117 Resp: 478127  
Ion Ratio Lower Upper  
117 100  
82 49.2 46.2 69.4  
119 33.0 25.5 38.3

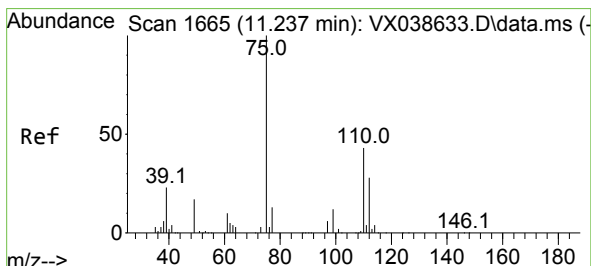
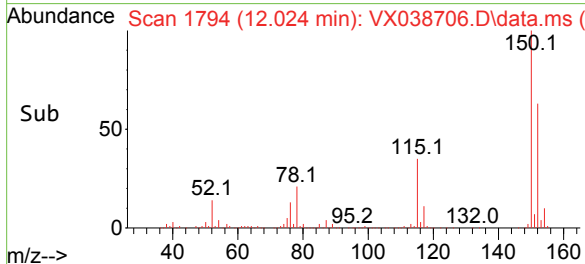
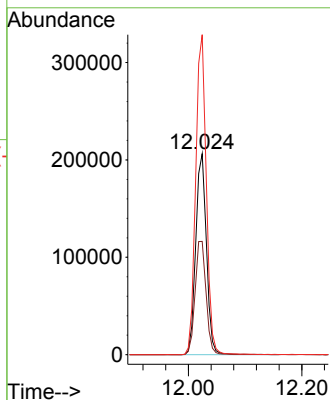
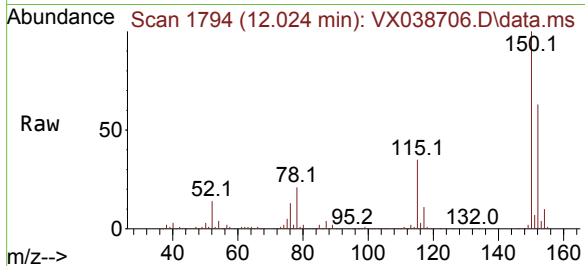




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX038706.D  
 Acq: 10 Nov 2023 05:49

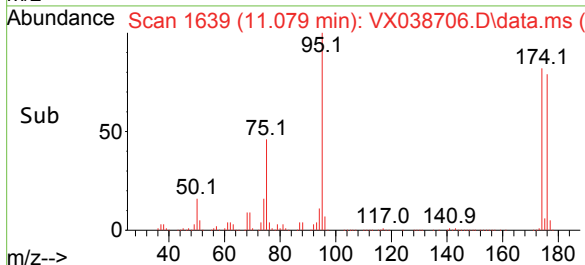
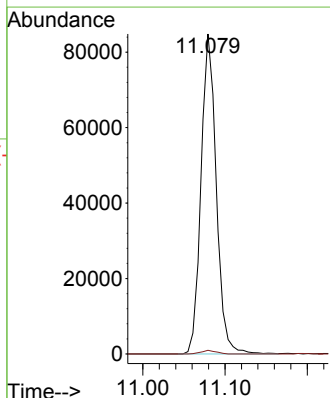
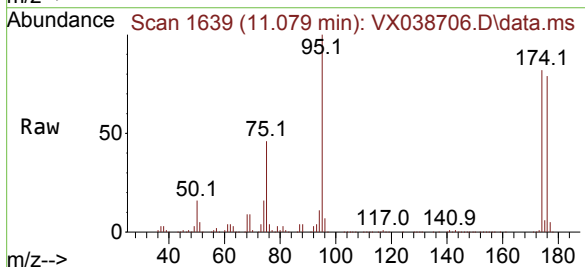
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FSND-MW-35-20231102

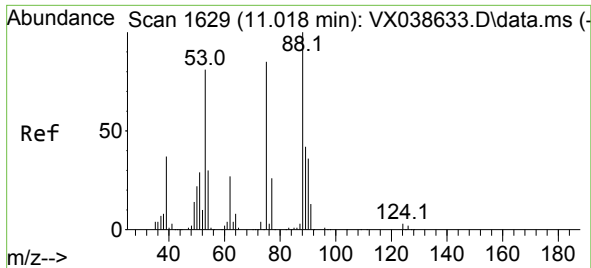
Tgt Ion:152 Resp: 270224  
 Ion Ratio Lower Upper  
 152 100  
 115 58.1 43.3 129.9  
 150 158.1 0.0 345.0



#76  
 1,2,3-Trichloropropane  
 Concen: 20.477 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.158 min  
 Lab File: VX038706.D  
 Acq: 10 Nov 2023 05:49

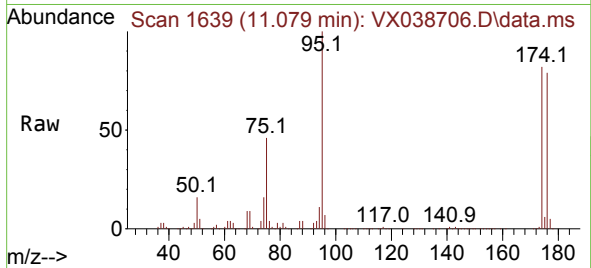
Tgt Ion: 75 Resp: 109590  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 19.1 57.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 62.421 ug/l  
 RT: 11.079 min Scan# 11  
 Delta R.T. 0.061 min  
 Lab File: VX038706.D  
 Acq: 10 Nov 2023 05:49

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FSND-MW-35-20231102



Tgt Ion: 75 Resp: 109590  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 90.5 135.7#  
 89 0.0 36.9 55.3#

