

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051523\  
 Data File : VX035661.D  
 Acq On : 15 May 2023 13:40  
 Operator : JC/MD  
 Sample : 02751-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FSND-PRO-01-99-05062023

Quant Time: May 16 04:58:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 11 13:57:54 2023  
 Response via : Initial Calibration

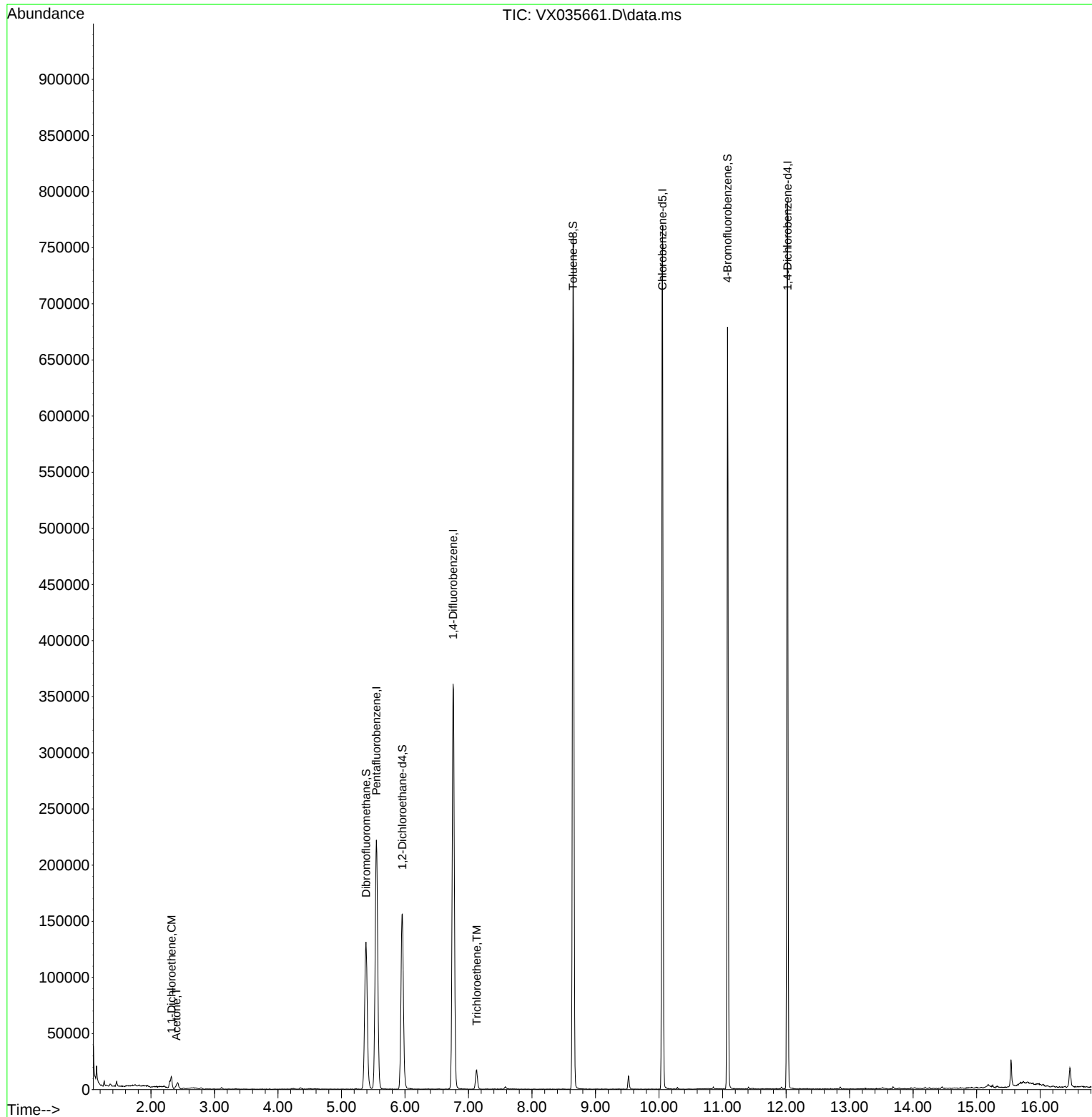
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 190072   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 348834   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 321697   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 149279   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 160441   | 48.386   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 96.780%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 114493   | 48.668   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 97.340%  |
| 50) Toluene-d8              | 8.647  | 98    | 422617   | 48.628   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.260%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 177659   | 50.770   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 101.540% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene      | 2.325  | 96    | 2827     | 1.336    | ug/l   | 92       |
| 16) Acetone                 | 2.398  | 43    | 4966     | 3.485    | ug/l   | 99       |
| 44) Trichloroethene         | 7.129  | 130   | 6364     | 2.416    | ug/l   | 85       |
| -----                       |        |       |          |          |        |          |

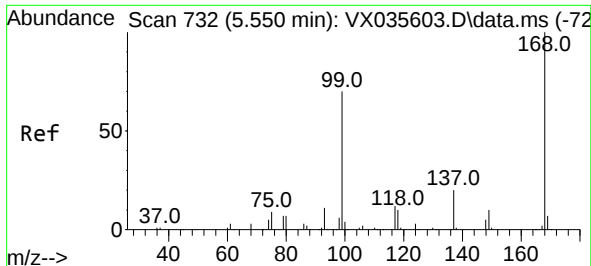
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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FSND-PRO-01-99-05062023

Quant Time: May 16 04:58:21 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 11 13:57:54 2023  
Response via : Initial Calibration

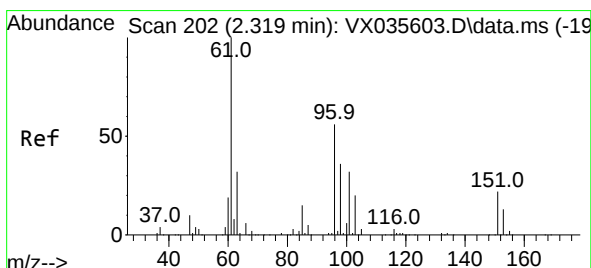
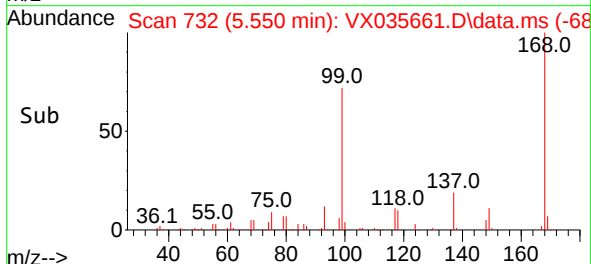
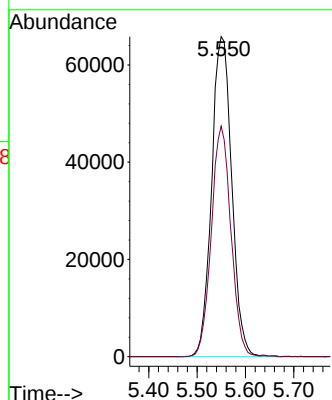
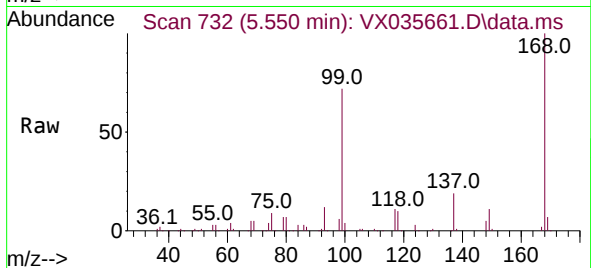




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035661.D  
Acq: 15 May 2023 13:40

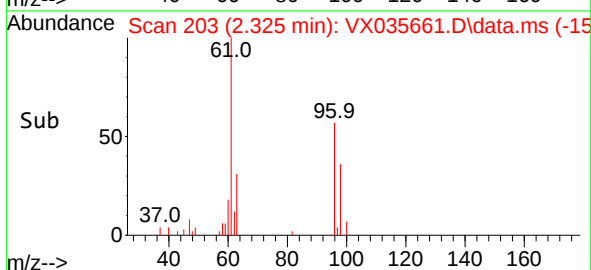
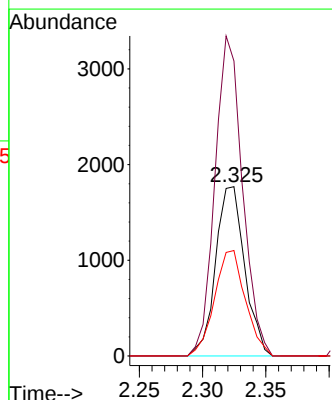
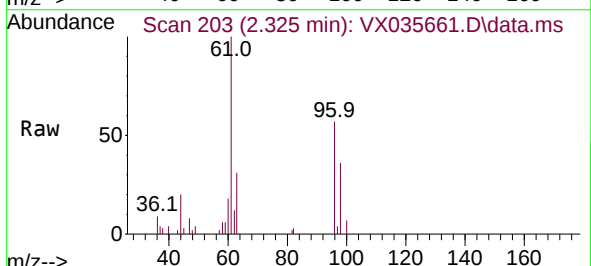
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-PRO-01-99-05062023

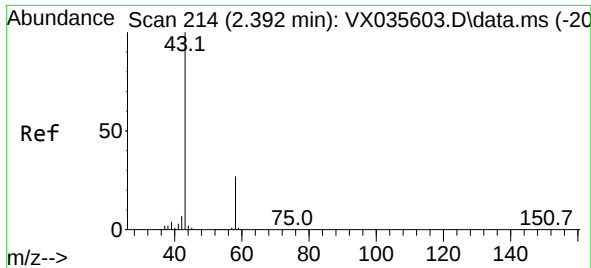
Tgt Ion:168 Resp: 190072  
Ion Ratio Lower Upper  
168 100  
99 72.0 45.7 68.5#



#12  
1,1-Dichloroethene  
Concen: 1.336 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX035661.D  
Acq: 15 May 2023 13:40

Tgt Ion: 96 Resp: 2827  
Ion Ratio Lower Upper  
96 100  
61 174.1 128.8 193.2  
98 62.3 51.4 77.0





#16

Acetone

Concen: 3.485 ug/l

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX035661.D

Acq: 15 May 2023 13:40

Instrument :

MSVOA\_X

ClientSampleId :

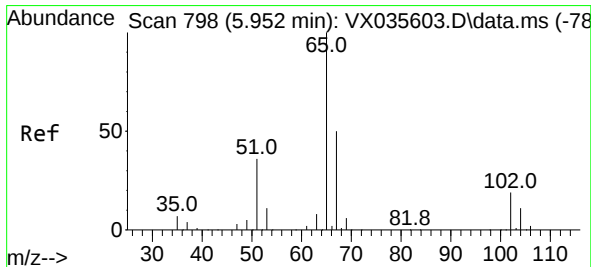
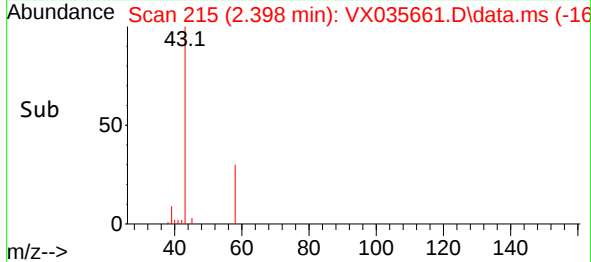
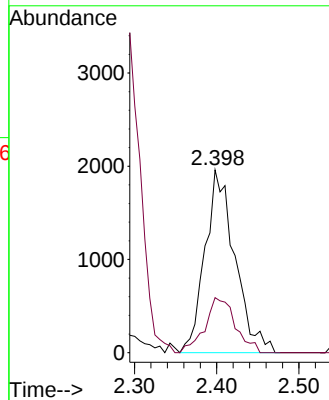
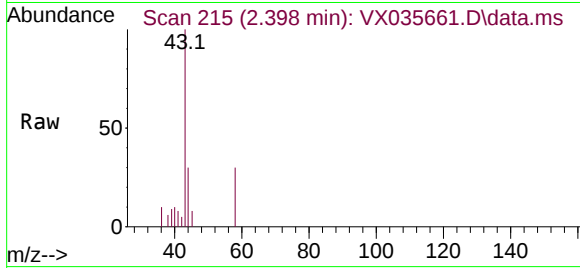
FSND-PRO-01-99-05062023

Tgt Ion: 43 Resp: 4966

Ion Ratio Lower Upper

43 100

58 30.1 24.7 37.1



#33

1,2-Dichloroethane-d4

Concen: 48.386 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX035661.D

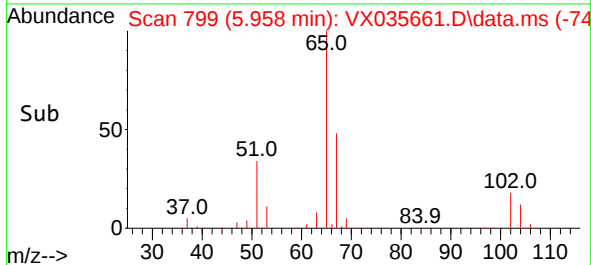
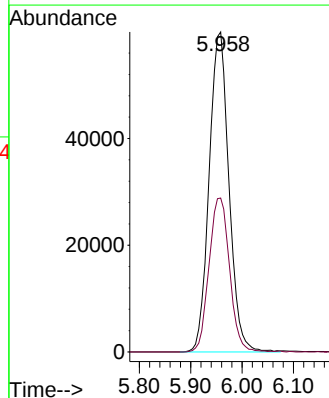
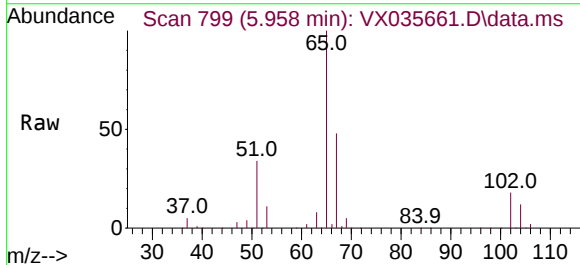
Acq: 15 May 2023 13:40

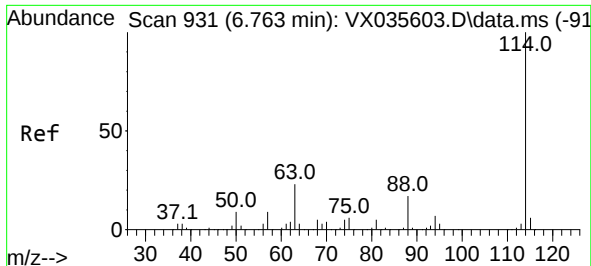
Tgt Ion: 65 Resp: 160441

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.0

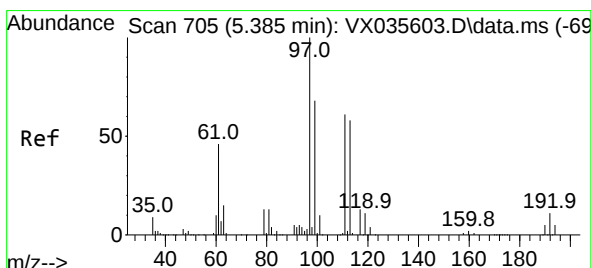
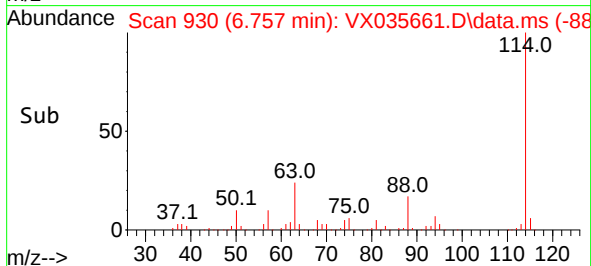
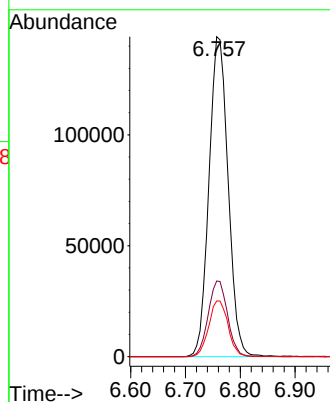
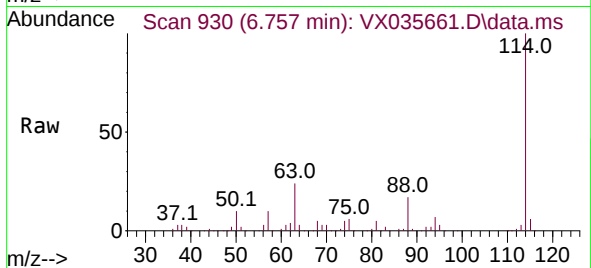




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX035661.D  
Acq: 15 May 2023 13:40

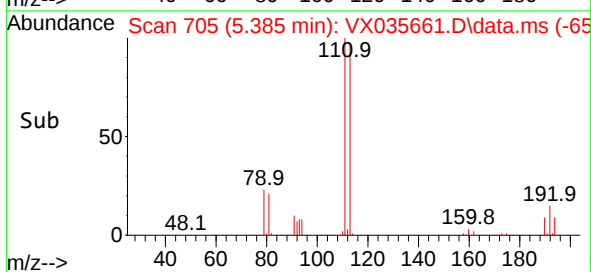
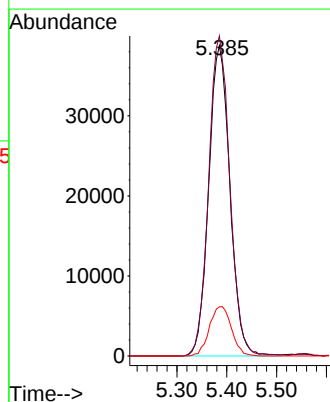
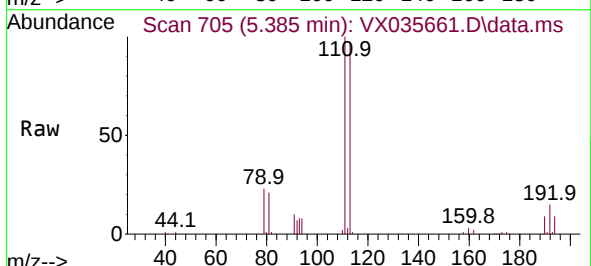
Instrument :  
MSVOA\_X  
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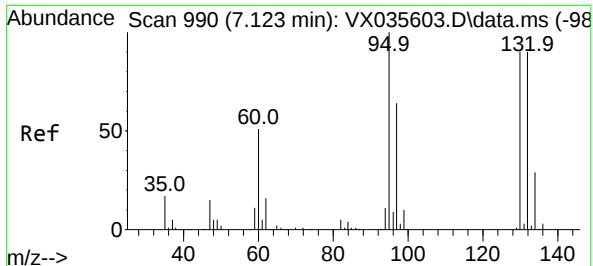
Tgt Ion:114 Resp: 348834  
Ion Ratio Lower Upper  
114 100  
63 23.6 0.0 42.2  
88 17.4 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 48.668 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035661.D  
Acq: 15 May 2023 13:40

Tgt Ion:113 Resp: 114493  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.7 125.5  
192 16.6 15.4 23.2

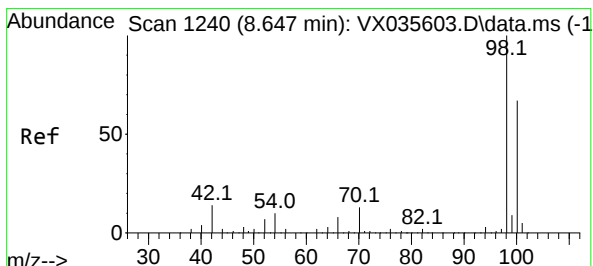
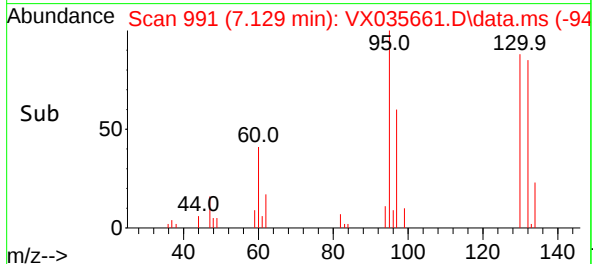
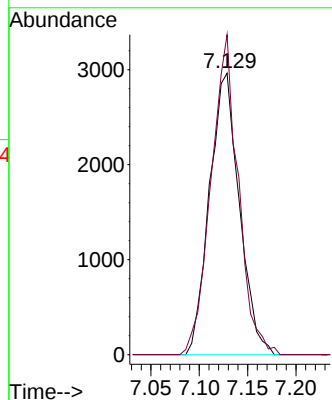
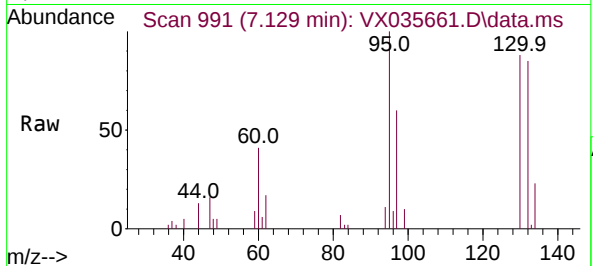




#44  
 Trichloroethene  
 Concen: 2.416 ug/l  
 RT: 7.129 min Scan# 991  
 Delta R.T. 0.006 min  
 Lab File: VX035661.D  
 Acq: 15 May 2023 13:40

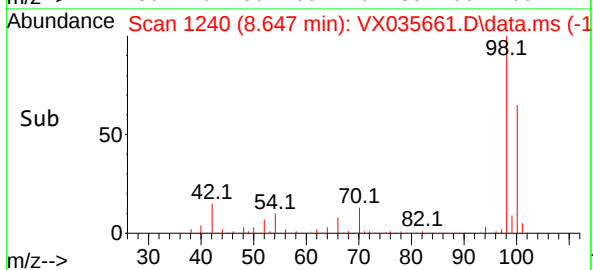
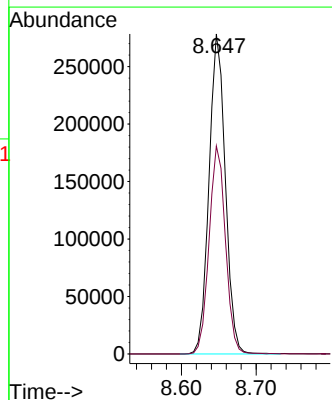
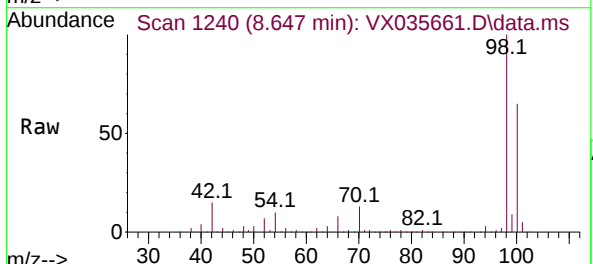
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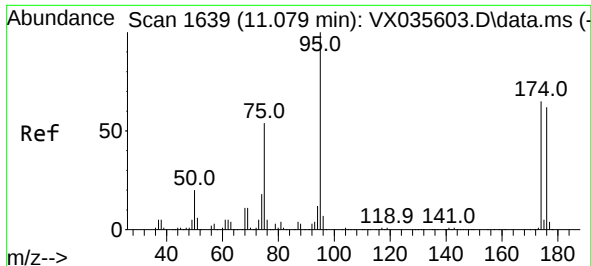
Tgt Ion:130 Resp: 6364  
 Ion Ratio Lower Upper  
 130 100  
 95 113.7 0.0 198.4



#50  
 Toluene-d8  
 Concen: 48.628 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. -0.000 min  
 Lab File: VX035661.D  
 Acq: 15 May 2023 13:40

Tgt Ion: 98 Resp: 422617  
 Ion Ratio Lower Upper  
 98 100  
 100 65.2 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 50.770 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035661.D

Acq: 15 May 2023 13:40

Instrument :

MSVOA\_X

ClientSampleId :

FSND-PRO-01-99-05062023

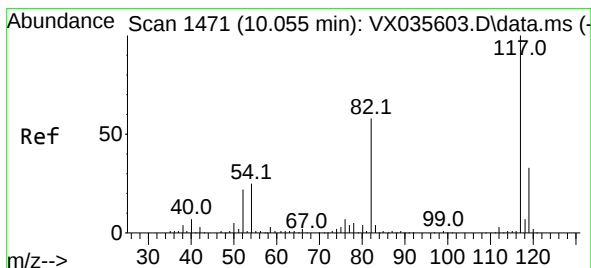
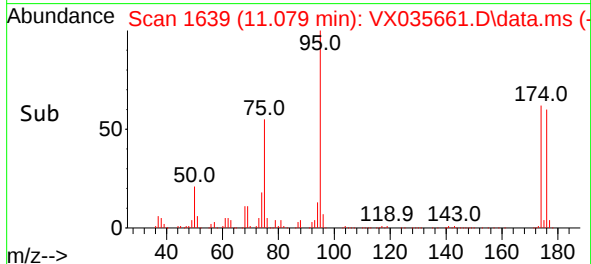
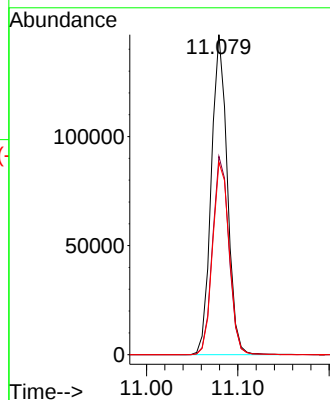
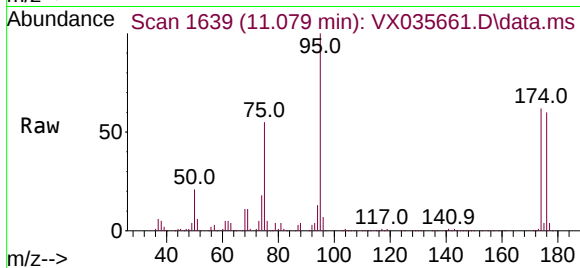
Tgt Ion: 95 Resp: 177659

Ion Ratio Lower Upper

95 100

174 63.6 0.0 147.4

176 62.6 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035661.D

Acq: 15 May 2023 13:40

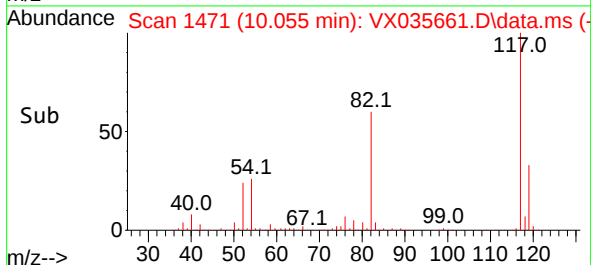
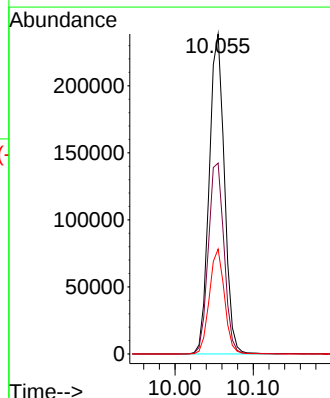
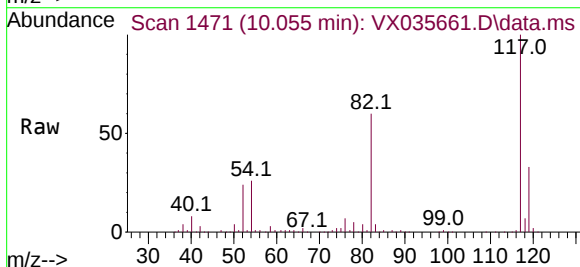
Tgt Ion: 117 Resp: 321697

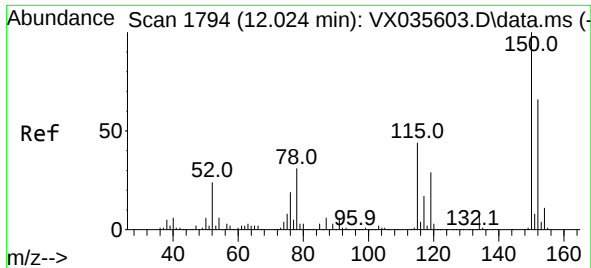
Ion Ratio Lower Upper

117 100

82 59.6 45.0 67.4

119 32.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035661.D

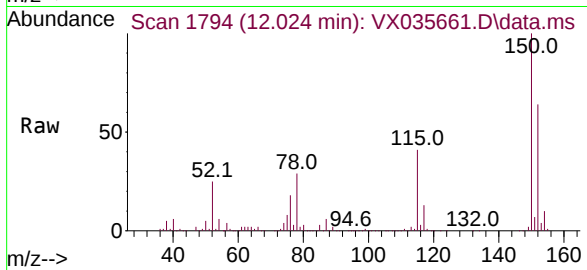
Acq: 15 May 2023 13:40

Instrument :

MSVOA\_X

ClientSampleId :

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Tgt Ion:152 Resp: 149279

Ion Ratio Lower Upper

152 100

115 67.5 45.0 135.0

150 158.4 0.0 352.4

