

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110923\  
 Data File : VX038707.D  
 Acq On : 10 Nov 2023 06:12  
 Operator : JC/MD  
 Sample : 05241-20  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FSND-EVAL-01D-20231102

Quant Time: Nov 10 16:42:57 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

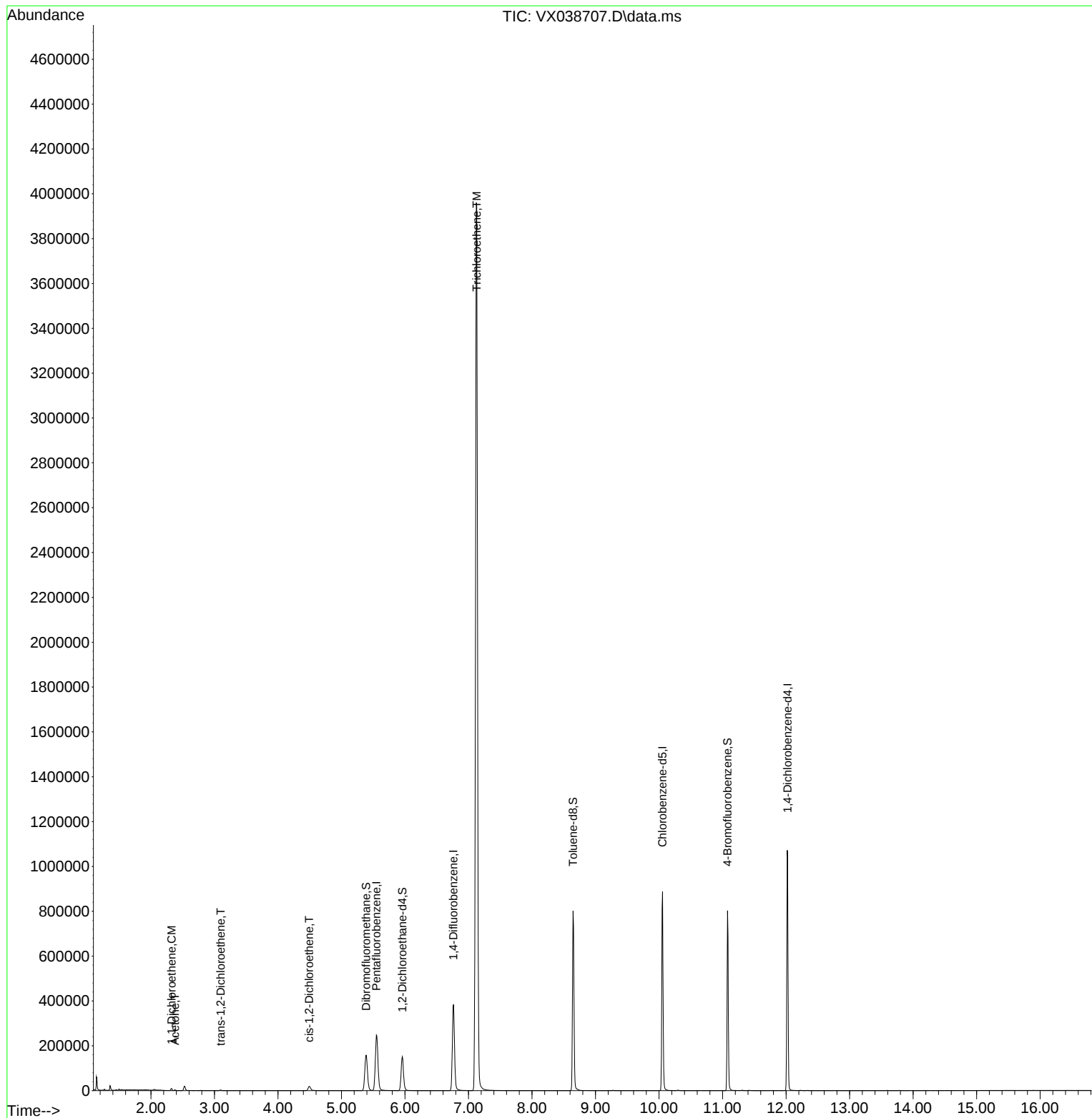
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 257546   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 433092   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 449330   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 255796   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 150342   | 46.889   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 93.780%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 143054   | 45.862   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 91.720%  |
| 50) Toluene-d8               | 8.647  | 98    | 513214   | 45.979   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 91.960%# |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 218050   | 50.386   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 100.780% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 3252     | 1.353    | ug/l   | # 76     |
| 16) Acetone                  | 2.380  | 43    | 3560     | 2.636    | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 3.099  | 96    | 1398     | 0.534    | ug/l   | 91       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 13087    | 4.331    | ug/l   | 75       |
| 44) Trichloroethene          | 7.129  | 130   | 1658495  | 477.619  | ug/l   | 90       |
| -----                        |        |       |          |          |        |          |

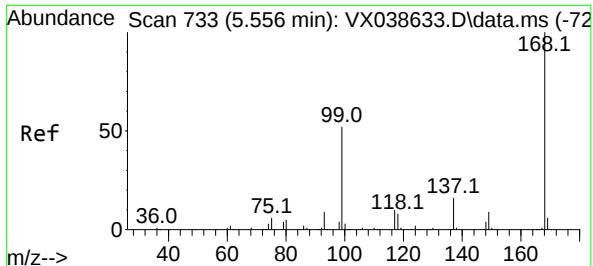
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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Response via : Initial Calibration

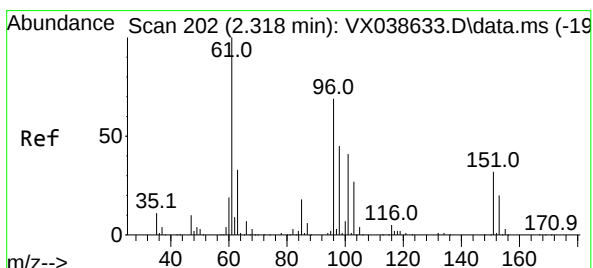
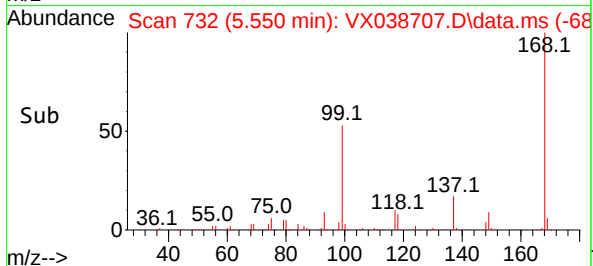
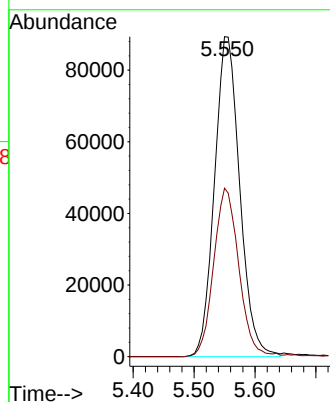
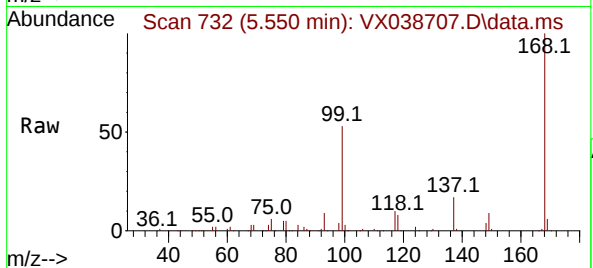




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX038707.D  
Acq: 10 Nov 2023 06:12

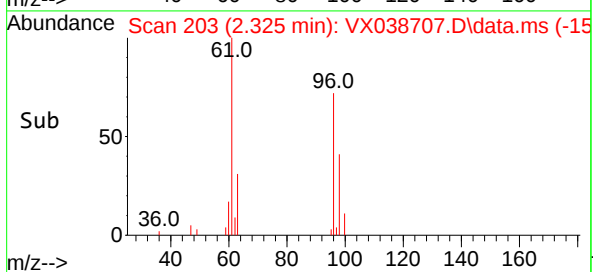
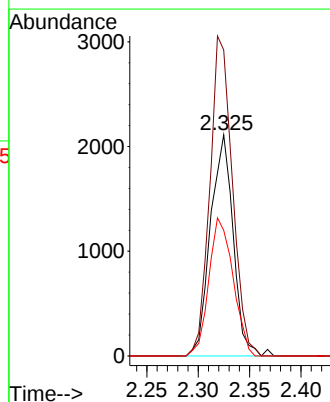
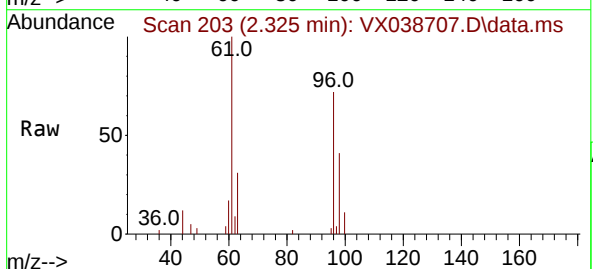
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MSVOA\_X  
ClientSampleId :  
FSND-EVAL-01D-20231102

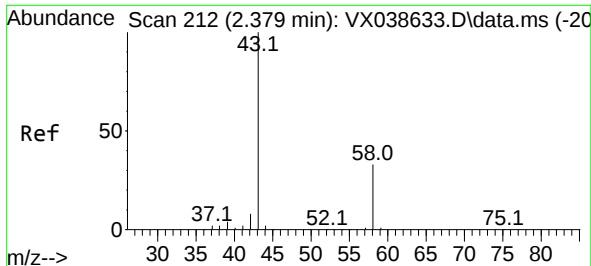
Tgt Ion:168 Resp: 257546  
Ion Ratio Lower Upper  
168 100  
99 52.7 56.6 85.0#



#12  
1,1-Dichloroethene  
Concen: 1.353 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.007 min  
Lab File: VX038707.D  
Acq: 10 Nov 2023 06:12

Tgt Ion: 96 Resp: 3252  
Ion Ratio Lower Upper  
96 100  
61 138.3 144.6 216.8#  
98 56.8 50.4 75.6

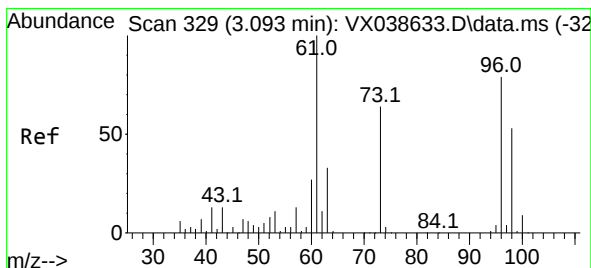
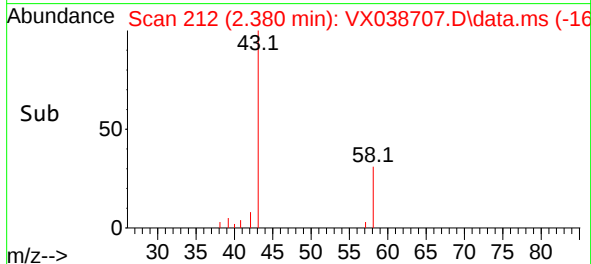
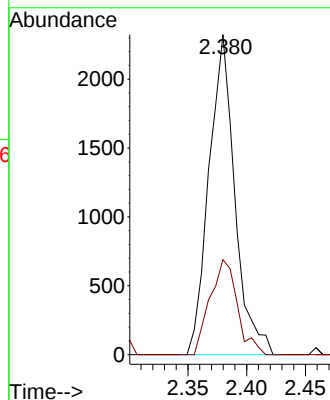
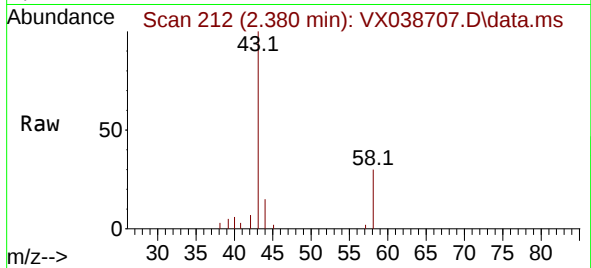




#16  
Acetone  
Concen: 2.636 ug/l  
RT: 2.380 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX038707.D  
Acq: 10 Nov 2023 06:12

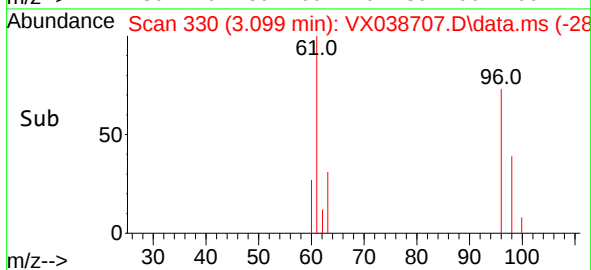
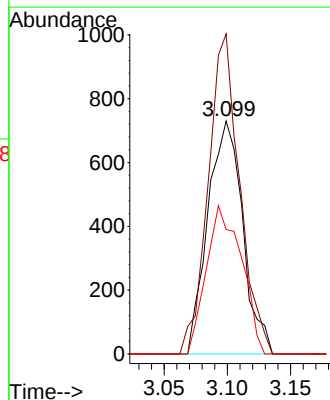
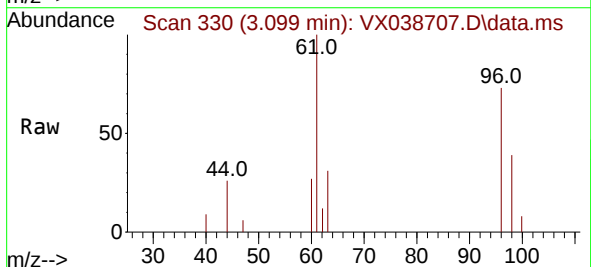
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-EVAL-01D-20231102

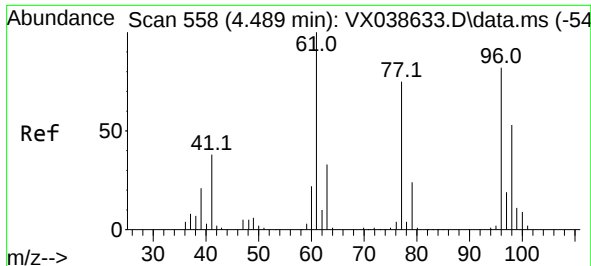
Tgt Ion: 43 Resp: 3560  
Ion Ratio Lower Upper  
43 100  
58 29.7 21.9 32.9



#21  
trans-1,2-Dichloroethene  
Concen: 0.534 ug/l  
RT: 3.099 min Scan# 330  
Delta R.T. 0.007 min  
Lab File: VX038707.D  
Acq: 10 Nov 2023 06:12

Tgt Ion: 96 Resp: 1398  
Ion Ratio Lower Upper  
96 100  
61 137.4 119.2 178.8  
98 53.4 48.7 73.1



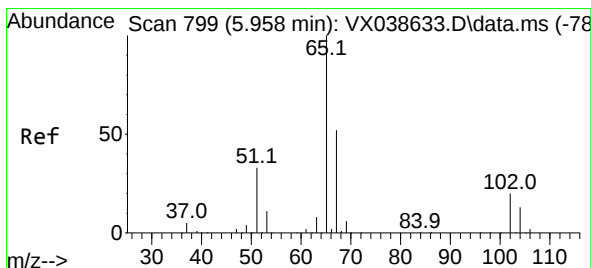
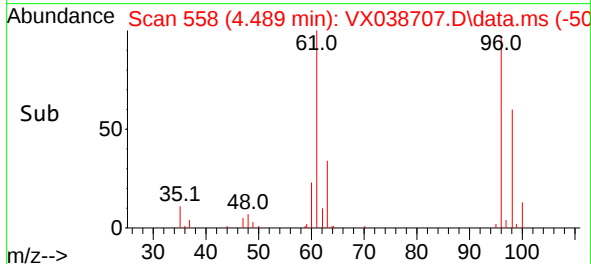
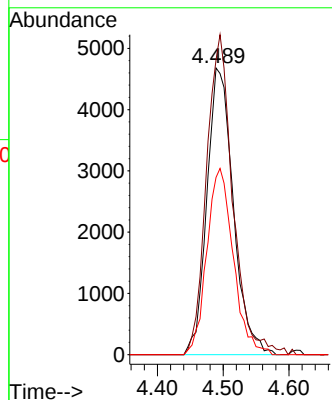
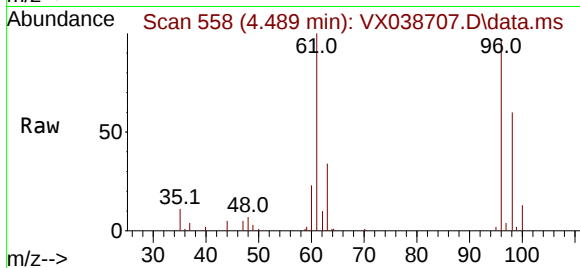


#27  
 cis-1,2-Dichloroethene  
 Concen: 4.331 ug/l  
 RT: 4.489 min Scan# 511  
 Delta R.T. 0.000 min  
 Lab File: VX038707.D  
 Acq: 10 Nov 2023 06:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FSND-EVAL-01D-20231102

Tgt Ion: 96 Resp: 13087  

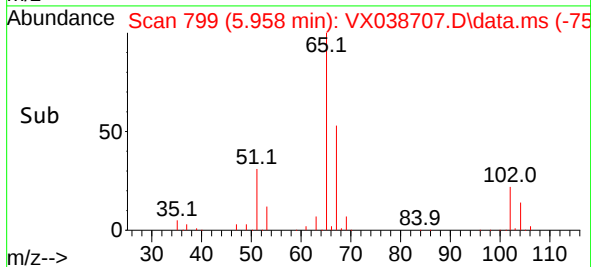
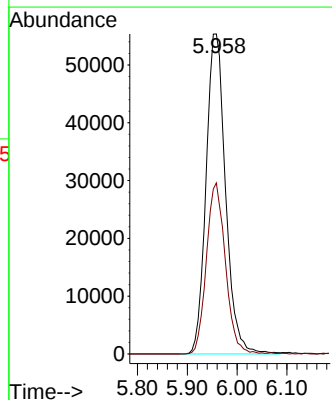
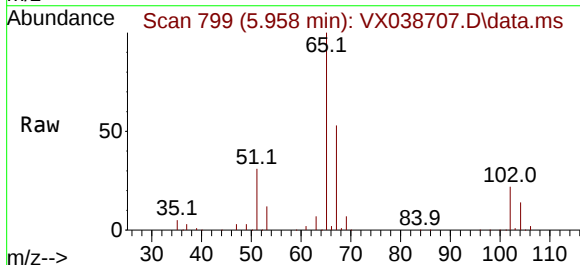
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 111.0 | 0.0   | 312.2 |
| 98  | 65.1  | 0.0   | 129.0 |

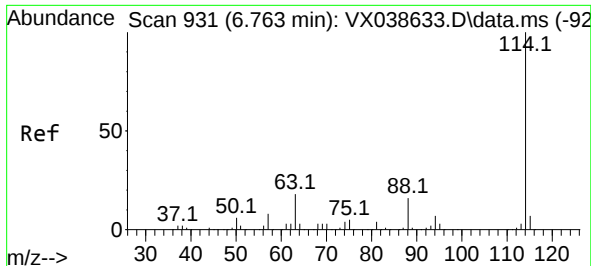


#33  
 1,2-Dichloroethane-d4  
 Concen: 46.889 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX038707.D  
 Acq: 10 Nov 2023 06:12

Tgt Ion: 65 Resp: 150342  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.0  | 0.0   | 100.2 |

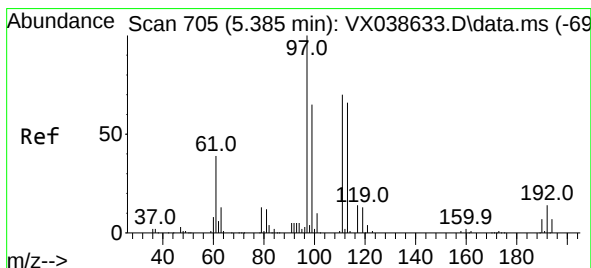
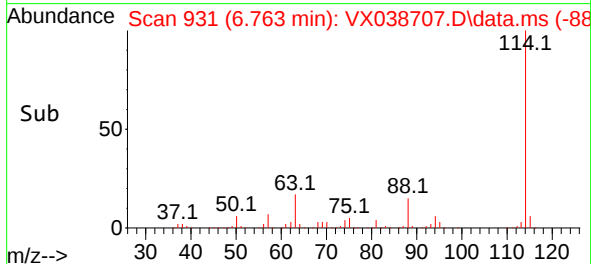
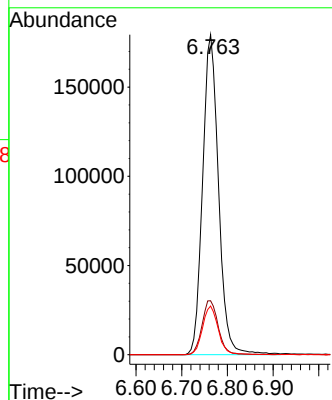
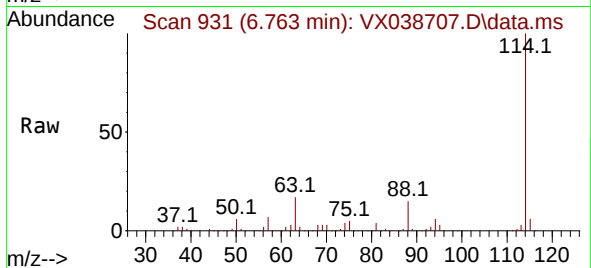




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX038707.D  
Acq: 10 Nov 2023 06:12

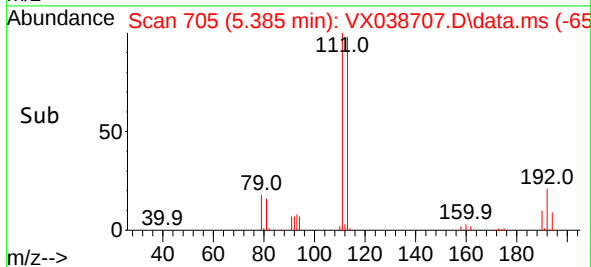
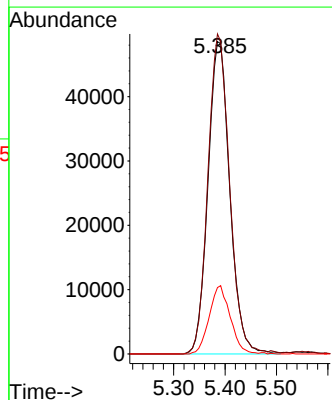
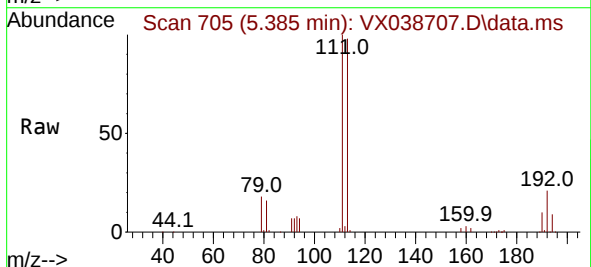
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-EVAL-01D-20231102

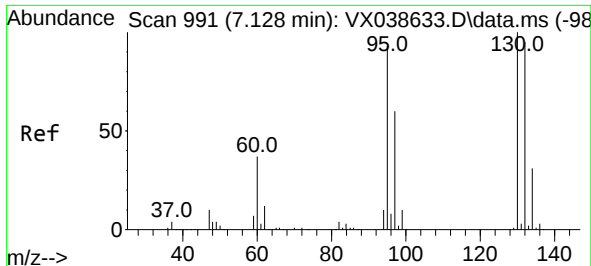
Tgt Ion:114 Resp: 433092  
Ion Ratio Lower Upper  
114 100  
63 16.8 0.0 45.0  
88 15.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.862 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038707.D  
Acq: 10 Nov 2023 06:12

Tgt Ion:113 Resp: 143054  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.9 124.3  
192 21.2 13.3 19.9#

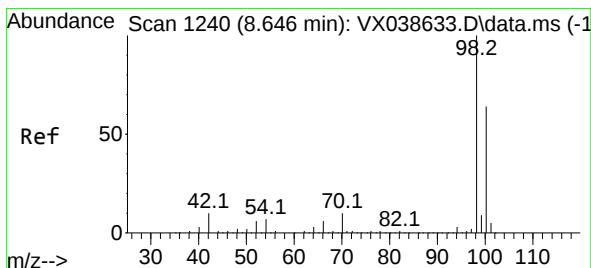
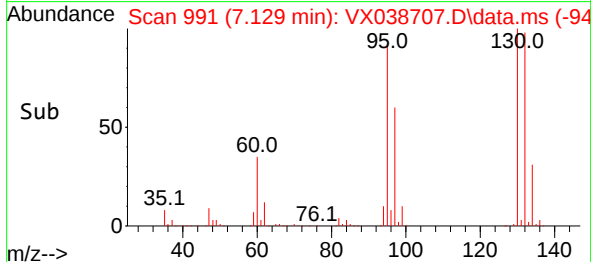
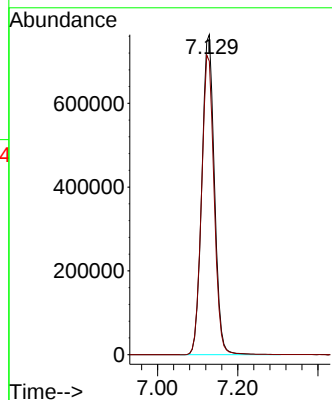
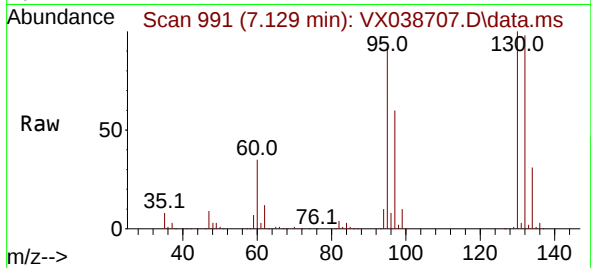




#44  
 Trichloroethene  
 Concen: 477.619 ug/l  
 RT: 7.129 min Scan# 991  
 Delta R.T. 0.000 min  
 Lab File: VX038707.D  
 Acq: 10 Nov 2023 06:12

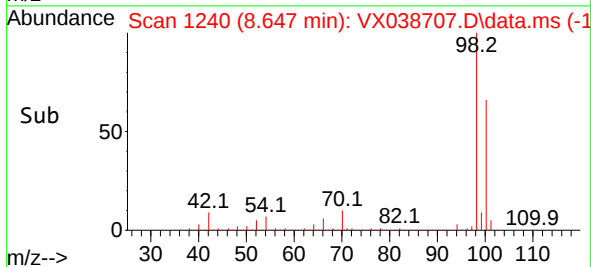
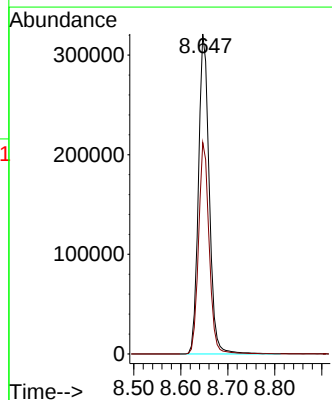
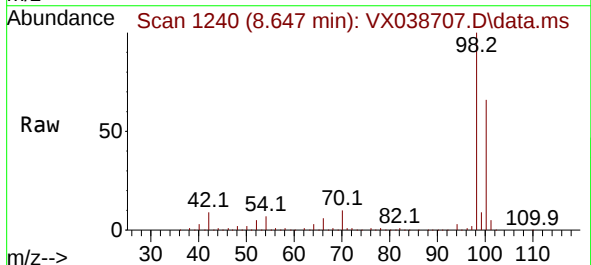
Instrument :  
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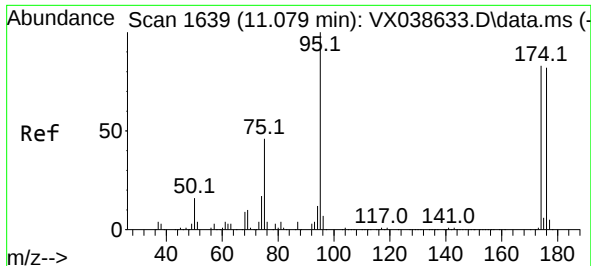
Tgt Ion:130 Resp: 1658495  
 Ion Ratio Lower Upper  
 130 100  
 95 91.7 0.0 204.4



#50  
 Toluene-d8  
 Concen: 45.979 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. 0.000 min  
 Lab File: VX038707.D  
 Acq: 10 Nov 2023 06:12

Tgt Ion: 98 Resp: 513214  
 Ion Ratio Lower Upper  
 98 100  
 100 65.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.386 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038707.D

Acq: 10 Nov 2023 06:12

Instrument :

MSVOA\_X

ClientSampleId :

FSND-EVAL-01D-20231102

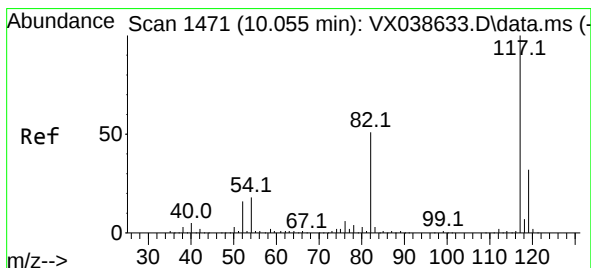
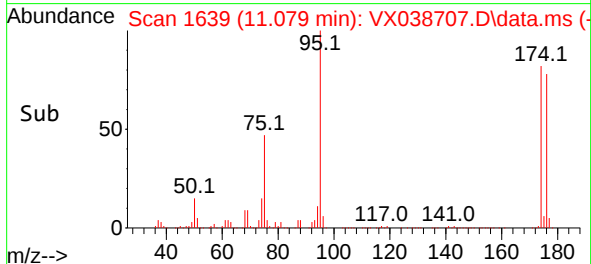
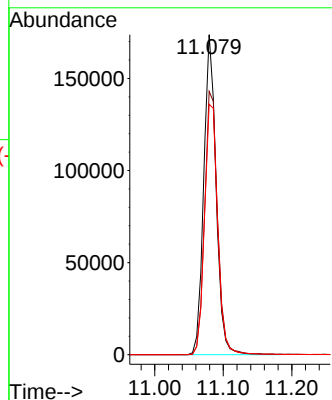
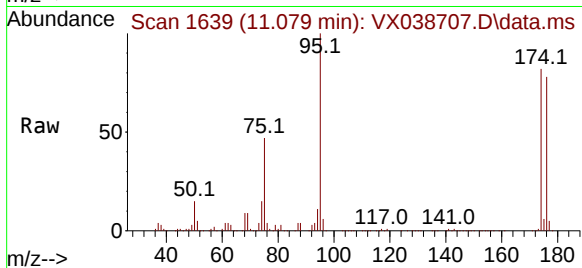
Tgt Ion: 95 Resp: 218050

Ion Ratio Lower Upper

95 100

174 86.8 0.0 135.6

176 84.0 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: VX038707.D

Acq: 10 Nov 2023 06:12

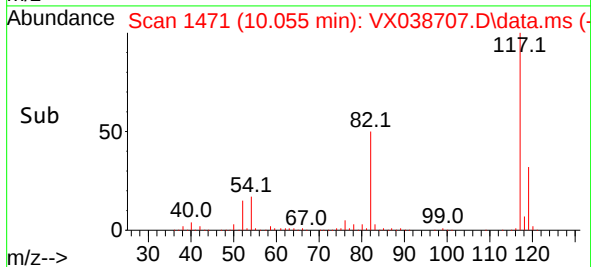
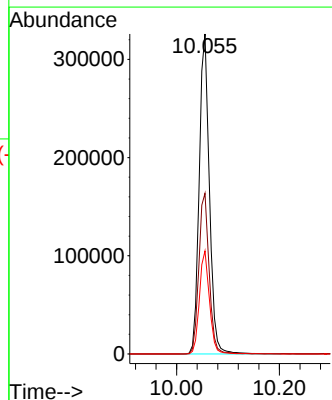
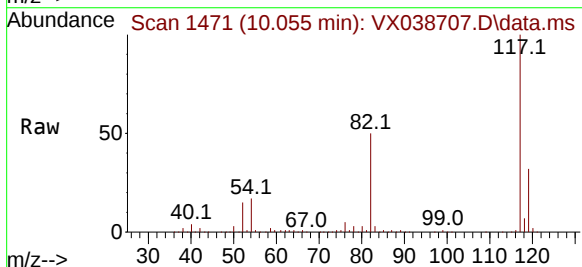
Tgt Ion: 117 Resp: 449330

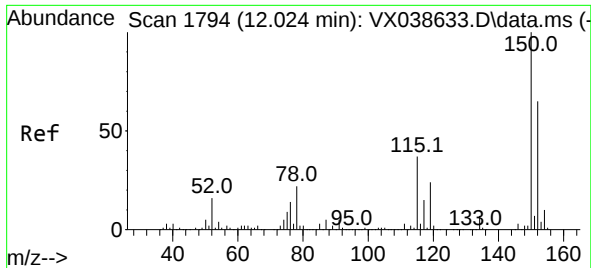
Ion Ratio Lower Upper

117 100

82 50.2 46.2 69.4

119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038707.D

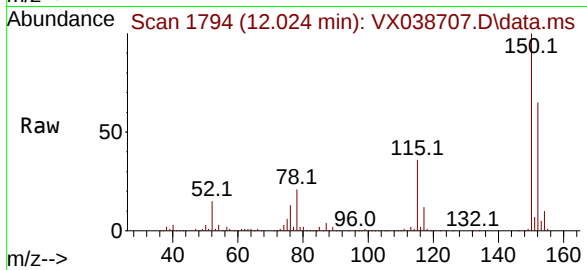
Acq: 10 Nov 2023 06:12

Instrument :

MSVOA\_X

ClientSampleId :

FSND-EVAL-01D-20231102



Tgt Ion:152 Resp: 255796

Ion Ratio Lower Upper

152 100

115 57.3 43.3 129.9

150 155.4 0.0 345.0

