

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102522\  
 Data File : VX032368.D  
 Acq On : 25 Oct 2022 16:46  
 Operator : JC/MD  
 Sample : N5249-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FSND-MW-31-20221019

Quant Time: Oct 27 14:17:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101922W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 22 04:56:40 2022  
 Response via : Initial Calibration

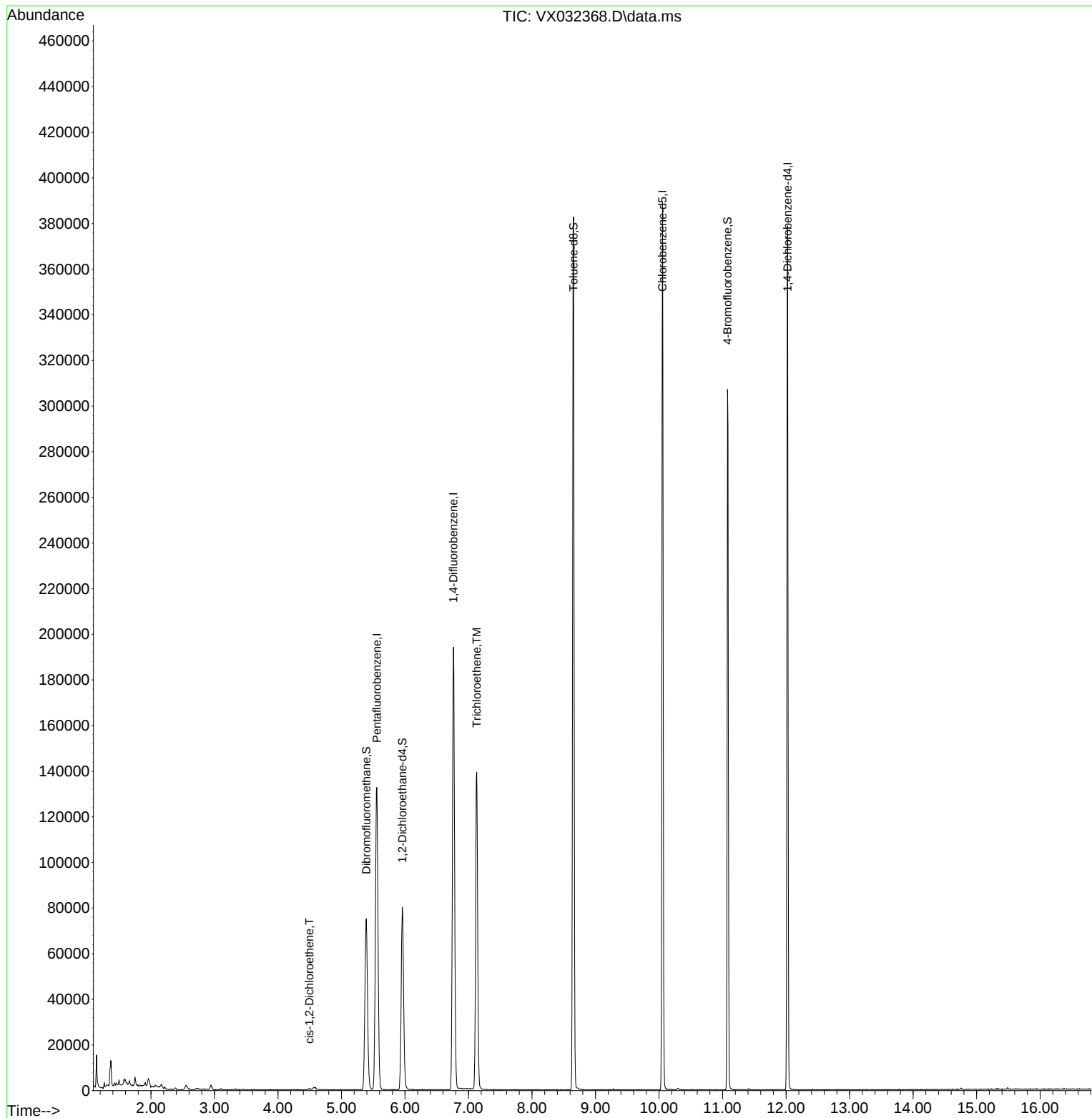
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 126328   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 197613   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 168372   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 76692    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 79743    | 48.523   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 97.040%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 63363    | 46.078   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 92.160%  |
| 50) Toluene-d8              | 8.653  | 98    | 232090   | 46.887   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 93.780%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 76843    | 42.393   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 84.780%  |
| Target Compounds            |        |       |          |          |       |          |
| 27) cis-1,2-Dichloroethene  | 4.495  | 96    | 440      | 0.306    | ug/l  | 80       |
| 44) Trichloroethene         | 7.129  | 130   | 54265    | 38.437   | ug/l  | 100      |
| -----                       |        |       |          |          |       |          |

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

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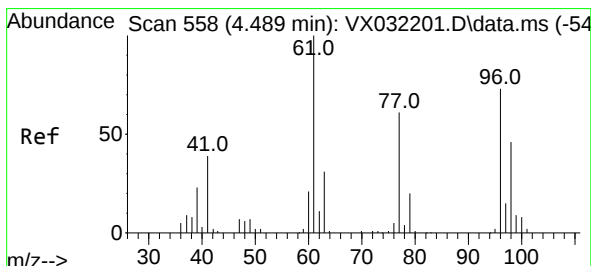
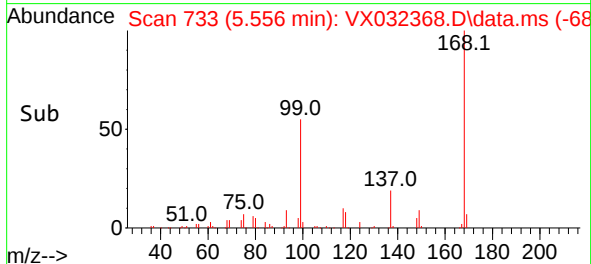
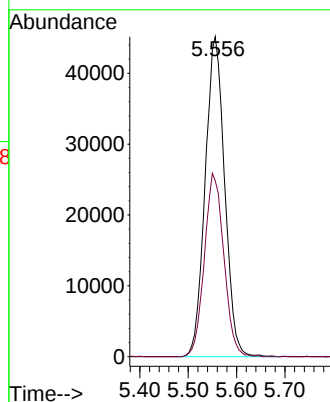
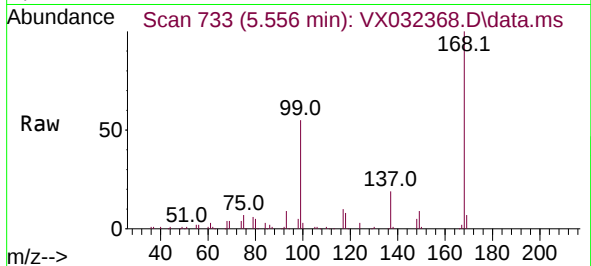




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX032368.D  
Acq: 25 Oct 2022 16:46

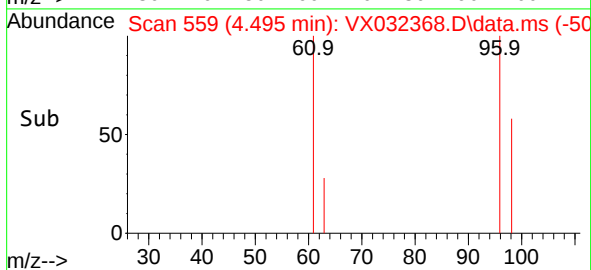
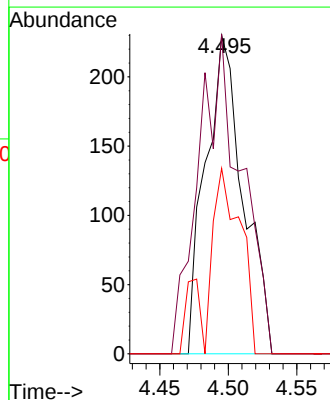
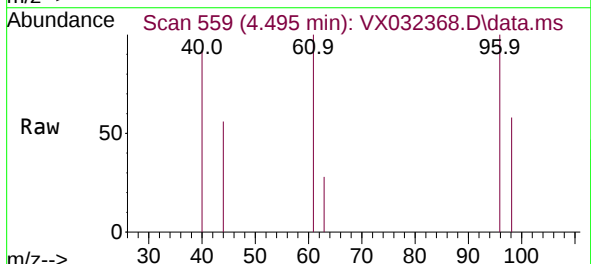
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-31-20221019

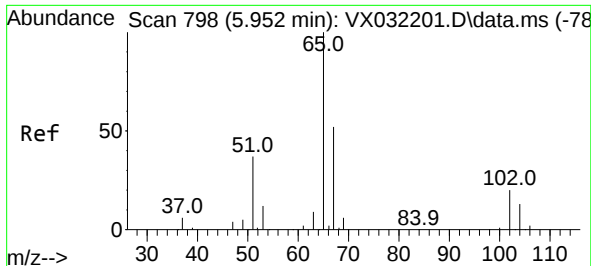
Tgt Ion:168 Resp: 126328  
Ion Ratio Lower Upper  
168 100  
99 55.0 44.8 67.2



#27  
cis-1,2-Dichloroethene  
Concen: 0.306 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX032368.D  
Acq: 25 Oct 2022 16:46

Tgt Ion: 96 Resp: 440  
Ion Ratio Lower Upper  
96 100  
61 114.1 0.0 279.2  
98 51.1 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 48.523 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032368.D

Acq: 25 Oct 2022 16:46

Instrument :

MSVOA\_X

ClientSampleId :

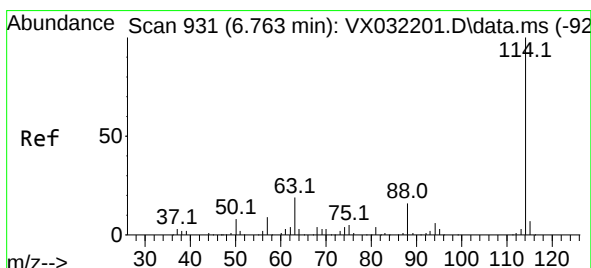
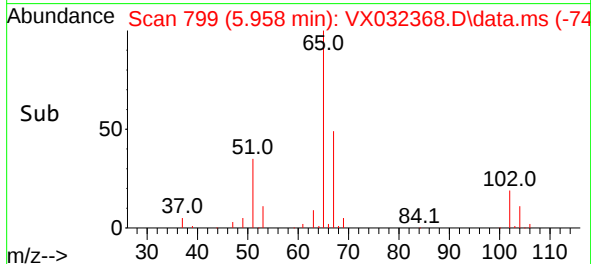
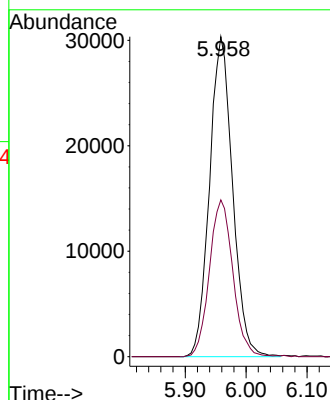
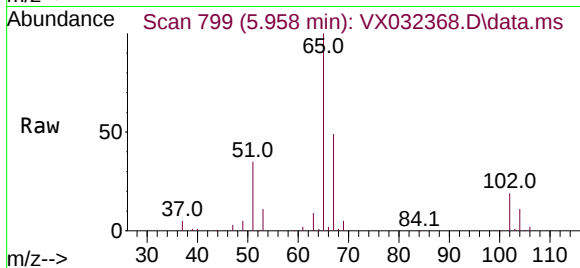
FSND-MW-31-20221019

Tgt Ion: 65 Resp: 79743

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032368.D

Acq: 25 Oct 2022 16:46

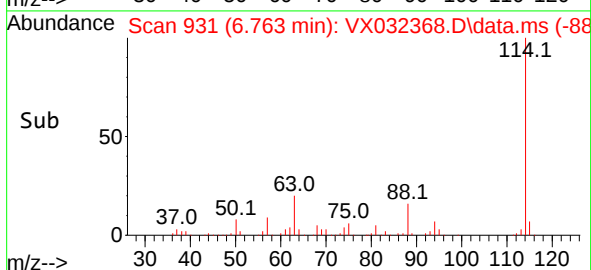
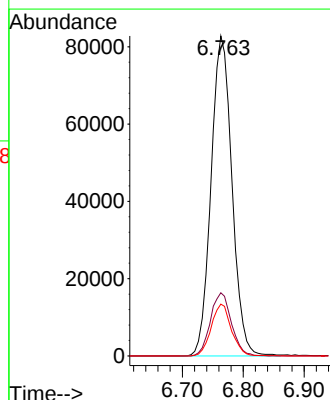
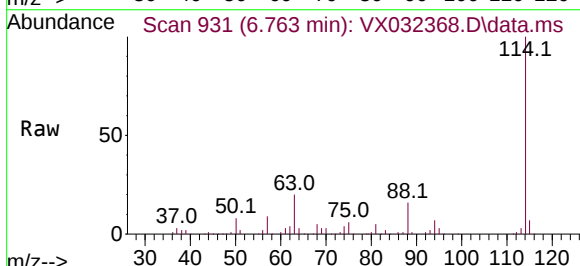
Tgt Ion: 114 Resp: 197613

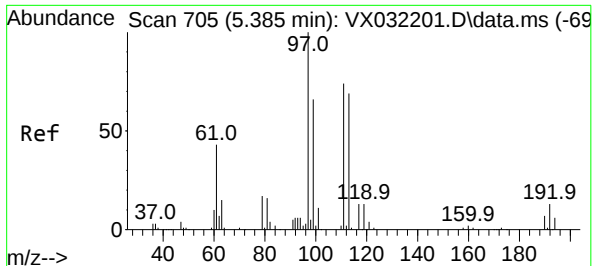
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.078 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032368.D

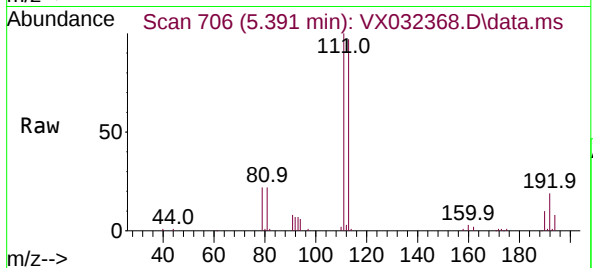
Acq: 25 Oct 2022 16:46

Instrument :

MSVOA\_X

ClientSampleId :

FSND-MW-31-20221019



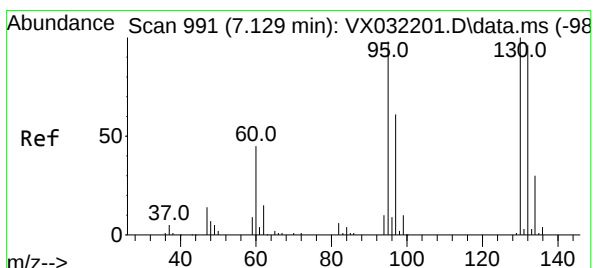
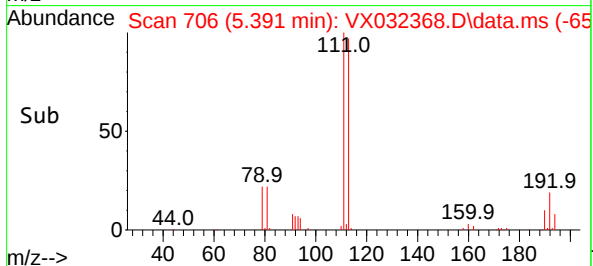
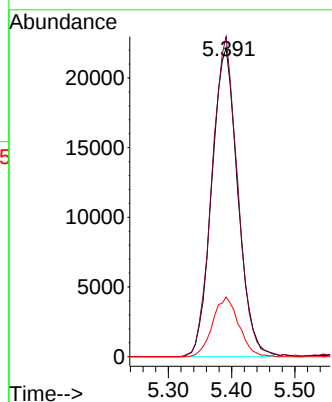
Tgt Ion:113 Resp: 63363

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 19.4 15.5 23.3



#44

Trichloroethene

Concen: 38.437 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032368.D

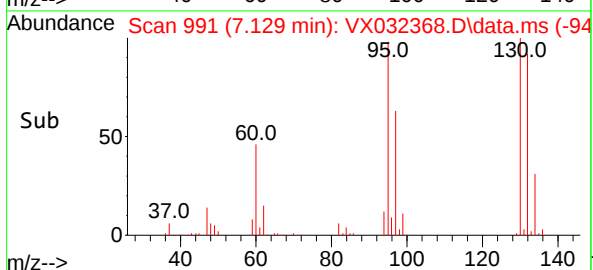
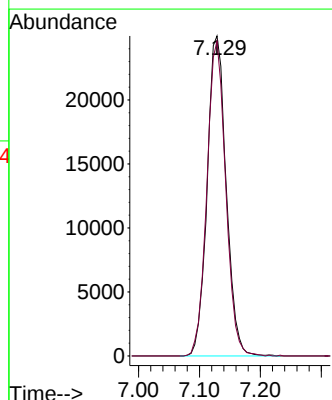
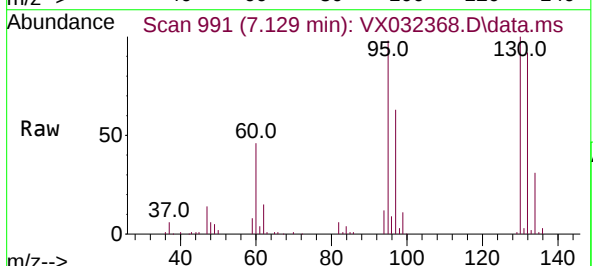
Acq: 25 Oct 2022 16:46

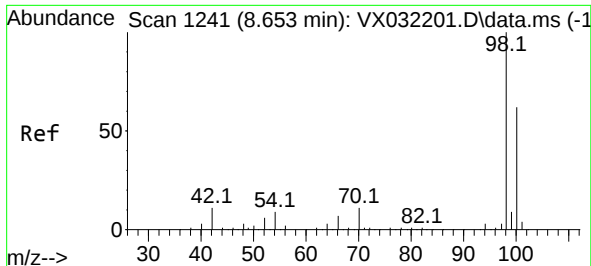
Tgt Ion:130 Resp: 54265

Ion Ratio Lower Upper

130 100

95 98.3 0.0 196.8

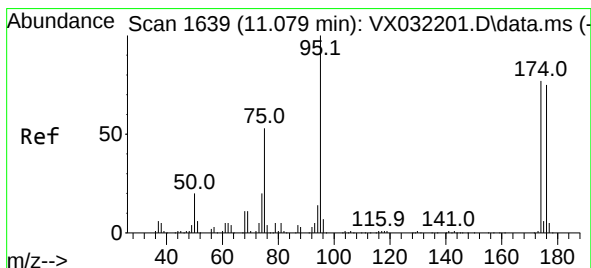
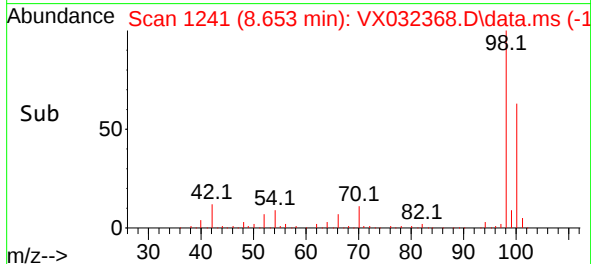
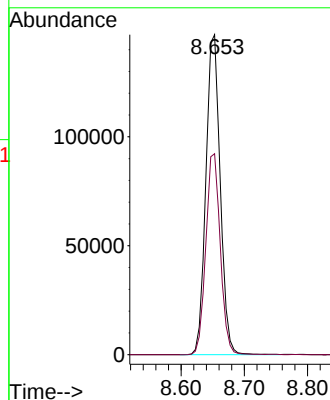
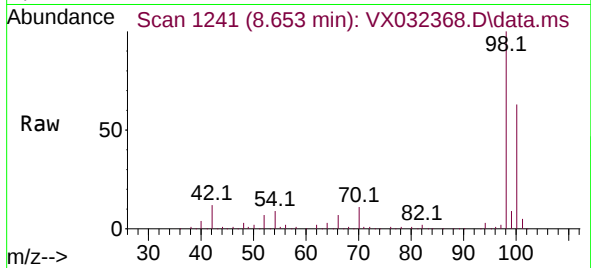




#50  
Toluene-d8  
Concen: 46.887 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX032368.D  
Acq: 25 Oct 2022 16:46

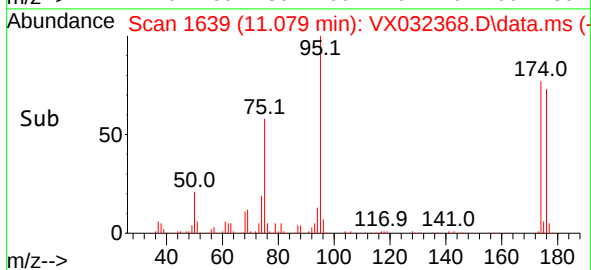
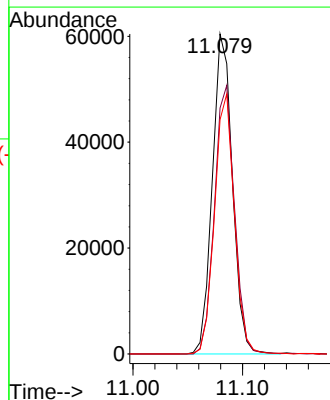
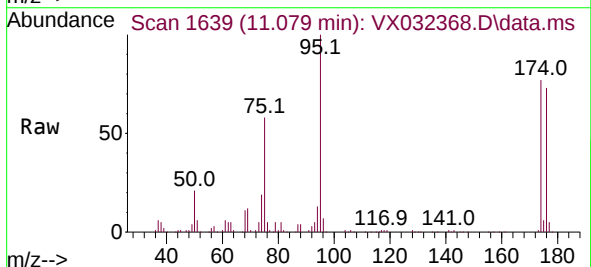
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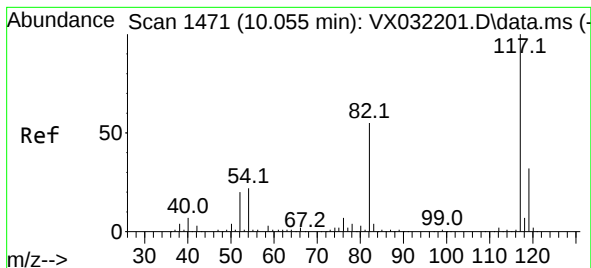
Tgt Ion: 98 Resp: 232090  
Ion Ratio Lower Upper  
98 100  
100 63.3 50.7 76.1



#62  
4-Bromofluorobenzene  
Concen: 42.393 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032368.D  
Acq: 25 Oct 2022 16:46

Tgt Ion: 95 Resp: 76843  
Ion Ratio Lower Upper  
95 100  
174 84.0 0.0 166.8  
176 80.6 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032368.D

Acq: 25 Oct 2022 16:46

Instrument :

MSVOA\_X

ClientSampleId :

FSND-MW-31-20221019

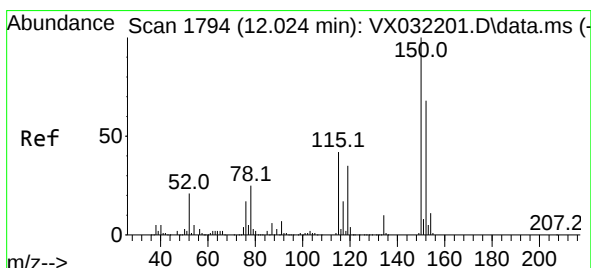
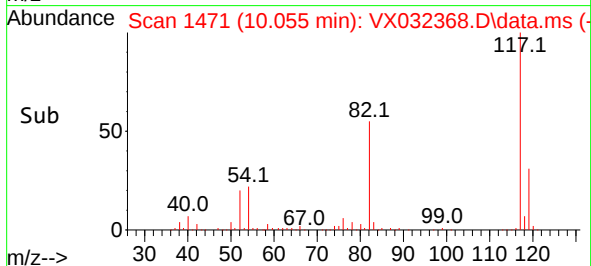
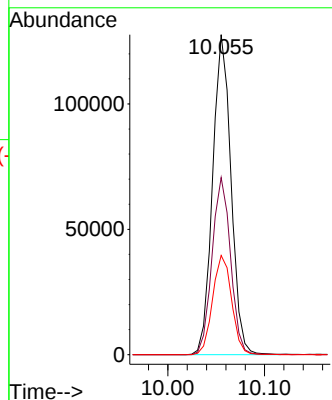
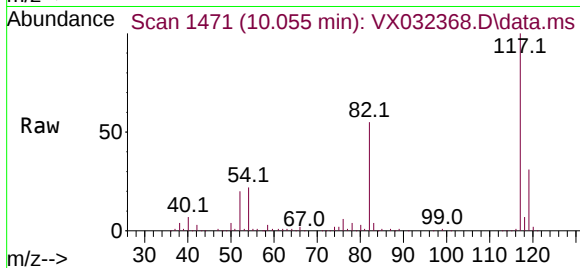
Tgt Ion:117 Resp: 168372

Ion Ratio Lower Upper

117 100

82 55.4 44.2 66.4

119 31.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032368.D

Acq: 25 Oct 2022 16:46

Tgt Ion:152 Resp: 76692

Ion Ratio Lower Upper

152 100

115 59.9 43.1 129.4

150 157.1 0.0 348.6

