

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110923\  
 Data File : VX038701.D  
 Acq On : 10 Nov 2023 03:54  
 Operator : JC/MD  
 Sample : 05241-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FSND-MW-33-20231102

Quant Time: Nov 10 05:28:04 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

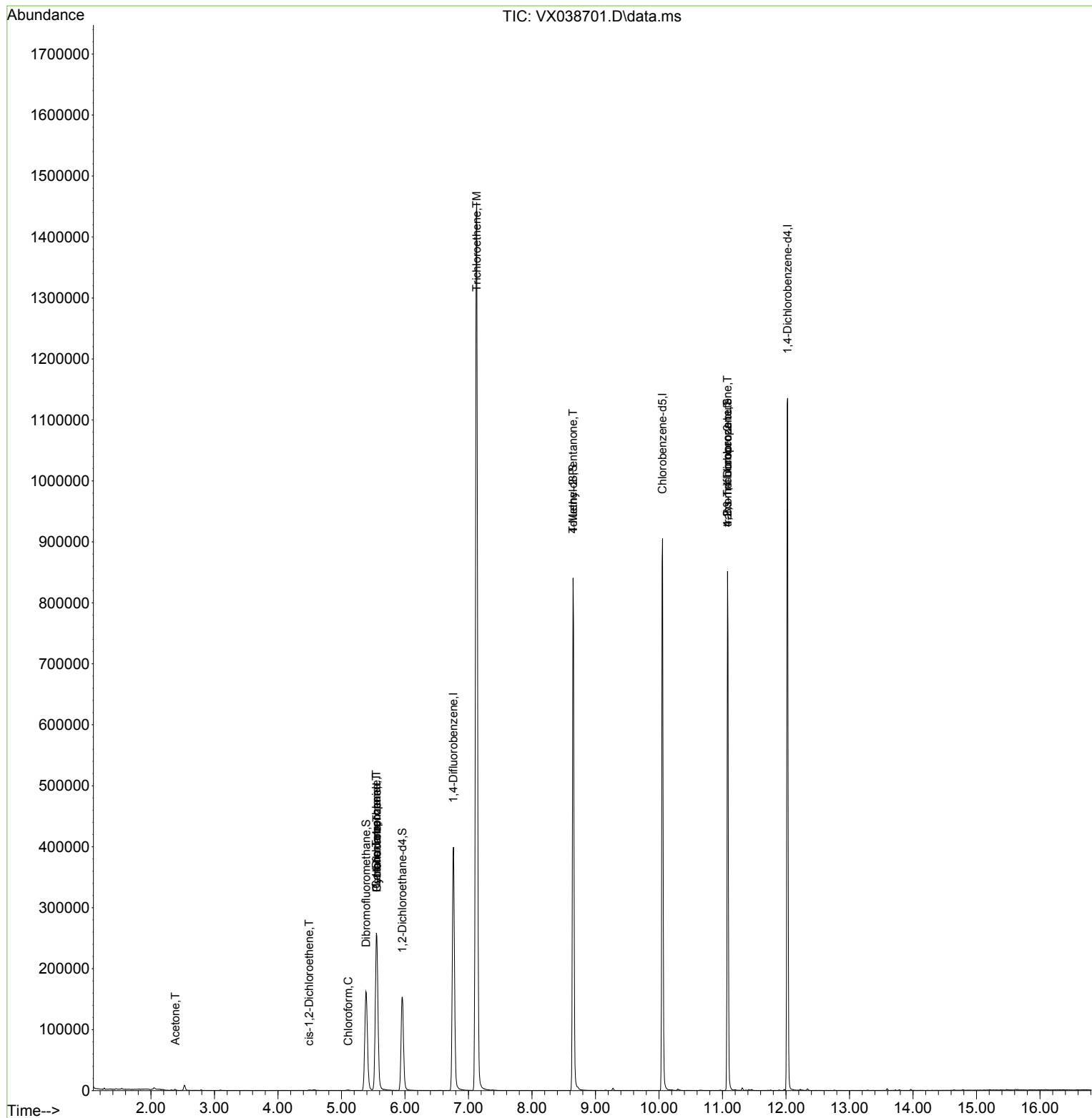
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 272996   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 449652   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 468195   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 270264   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 156102   | 45.930   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 91.860%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 146585   | 45.263   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 90.520%  |
| 50) Toluene-d8                | 8.647  | 98    | 535509   | 46.209   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 92.420%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 229459   | 51.069   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 102.140% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Acetone                   | 2.386  | 43    | 2035     | 1.422    | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene    | 4.489  | 96    | 724      | 0.226    | ug/l   | 67       |
| 30) Chloroform                | 5.105  | 83    | 1383     | 0.259    | ug/l   | 84       |
| 31) Cyclohexane               | 5.556  | 56    | 4191     | 1.114    | ug/l   | # 1      |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 17545    | 4.361    | ug/l   | # 52     |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 25766    | 5.729    | ug/l   | # 17     |
| 44) Trichloroethene           | 7.129  | 130   | 619952   | 171.961  | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 1886     | 0.458    | ug/l   | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 110593   | 20.662   | ug/l   | # 39     |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 110593   | 62.920   | ug/l   | # 5      |
| -----                         |        |       |          |          |        |          |

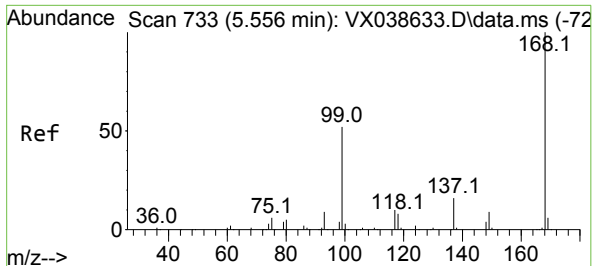
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Nov 08 03:19:07 2023  
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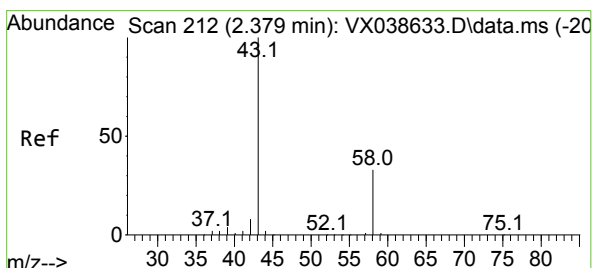
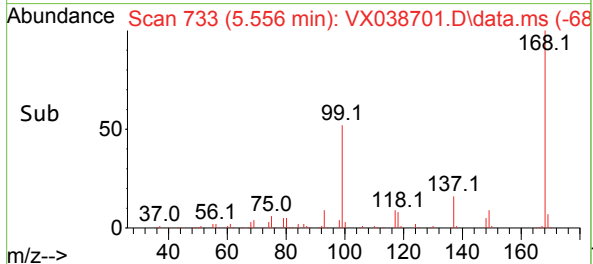
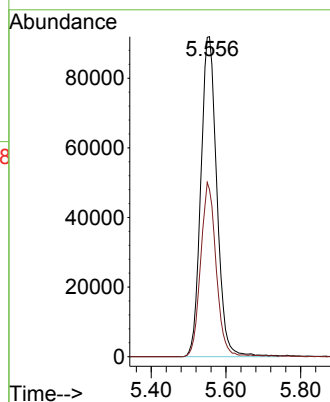
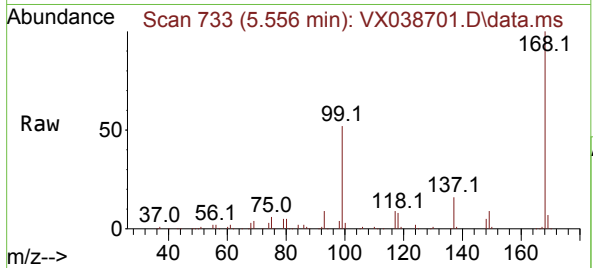




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

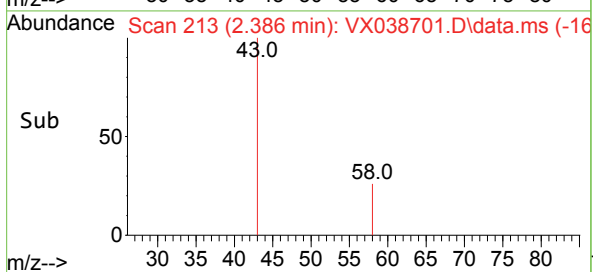
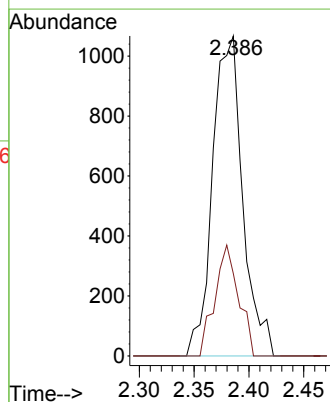
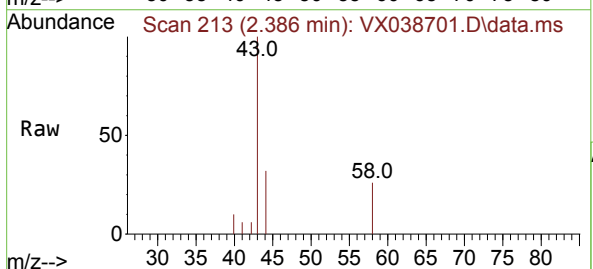
Instrument :  
MSVOA\_X  
ClientSampleId :  
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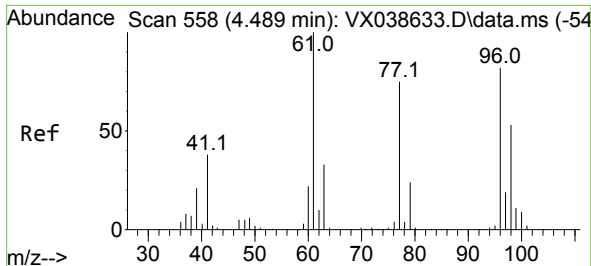
Tgt Ion:168 Resp: 272996  
Ion Ratio Lower Upper  
168 100  
99 52.2 56.6 85.0#



#16  
Acetone  
Concen: 1.422 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.007 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

Tgt Ion: 43 Resp: 2035  
Ion Ratio Lower Upper  
43 100  
58 25.8 21.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 0.226 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038701.D

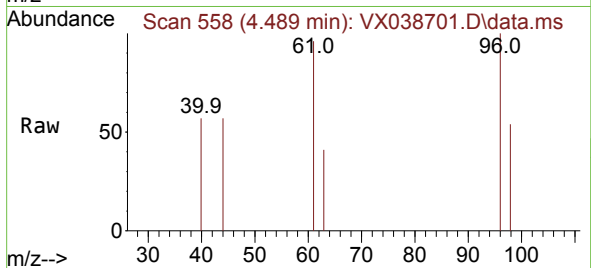
Acq: 10 Nov 2023 03:54

Instrument :

MSVOA\_X

ClientSampleId :

FSND-MW-33-20231102



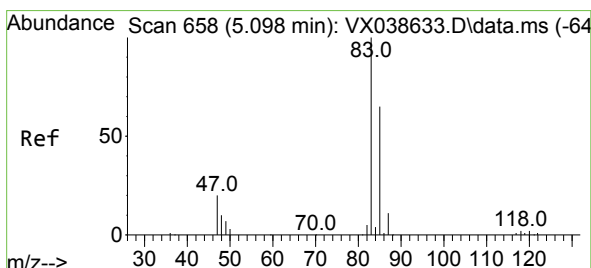
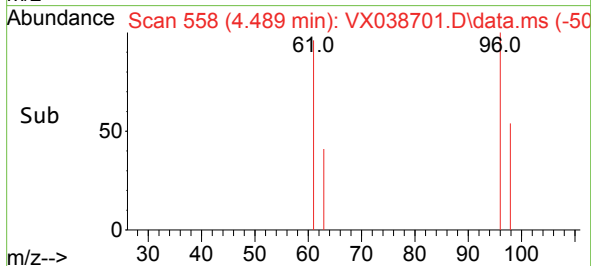
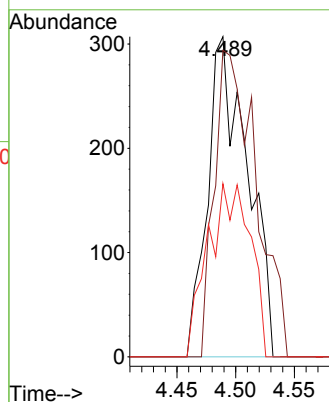
Tgt Ion: 96 Resp: 724

Ion Ratio Lower Upper

96 100

61 99.6 0.0 312.2

98 57.9 0.0 129.0



#30

Chloroform

Concen: 0.259 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.007 min

Lab File: VX038701.D

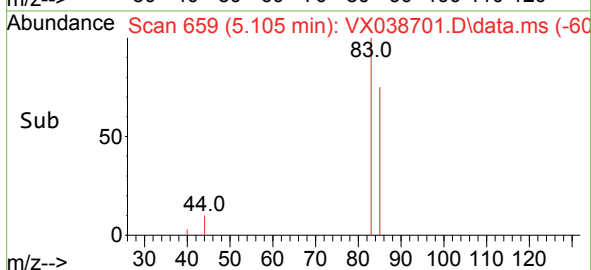
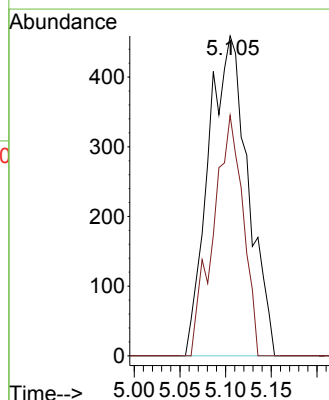
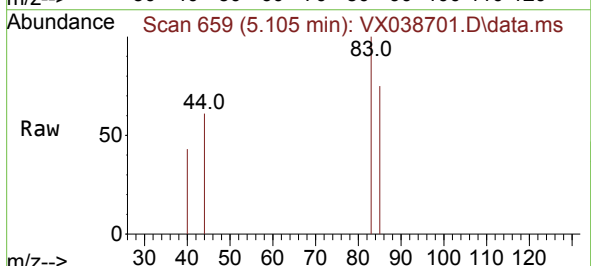
Acq: 10 Nov 2023 03:54

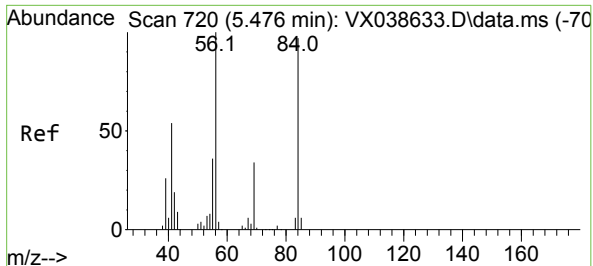
Tgt Ion: 83 Resp: 1383

Ion Ratio Lower Upper

83 100

85 75.2 50.3 75.5

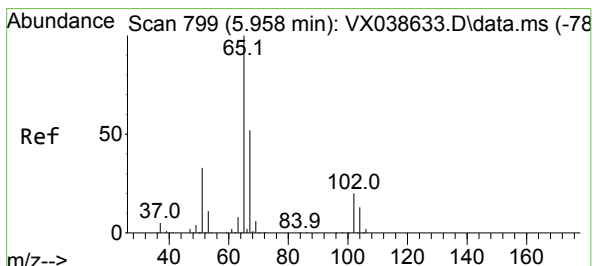
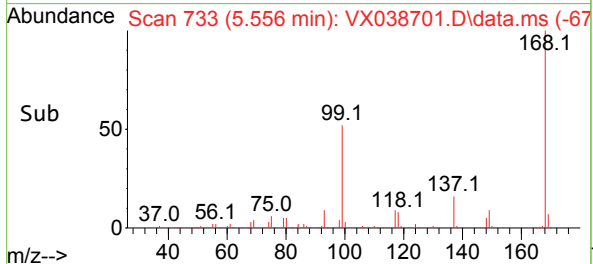
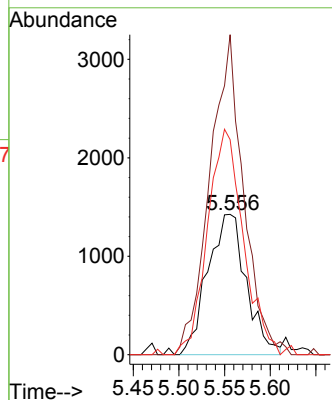
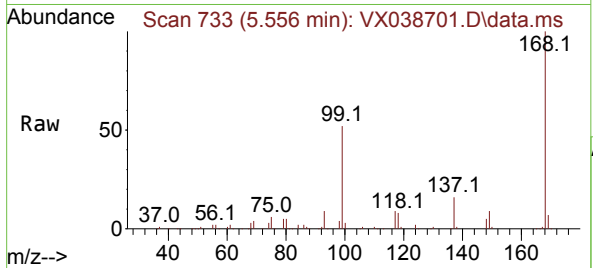




#31  
Cyclohexane  
Concen: 1.114 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. 0.080 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

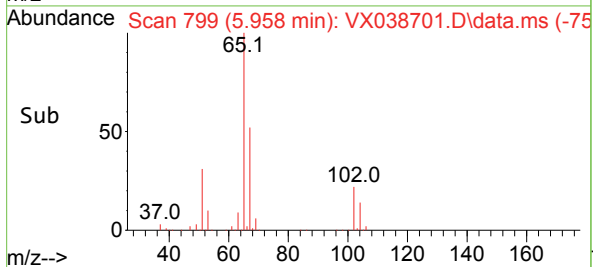
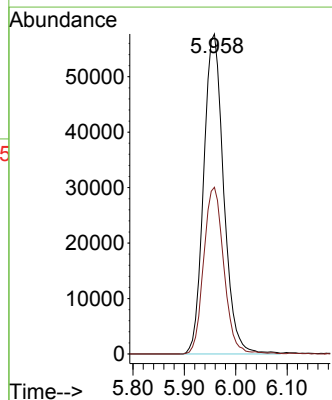
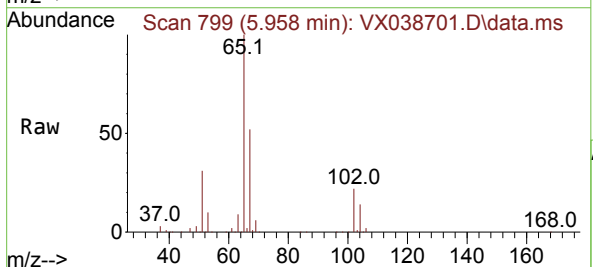
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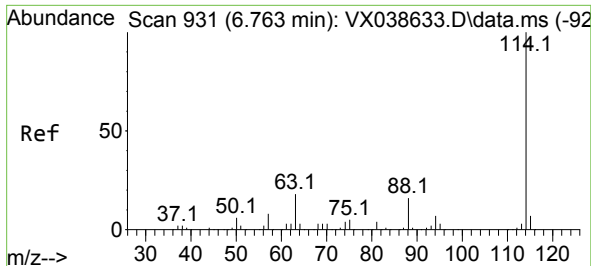
Tgt Ion: 56 Resp: 4191  
Ion Ratio Lower Upper  
56 100  
69 222.7 23.4 35.2#  
84 153.3 65.9 98.9#



#33  
1,2-Dichloroethane-d4  
Concen: 45.930 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

Tgt Ion: 65 Resp: 156102  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 100.2

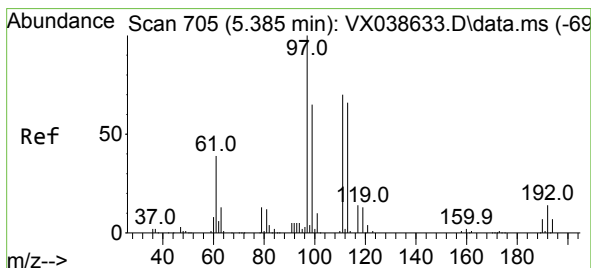
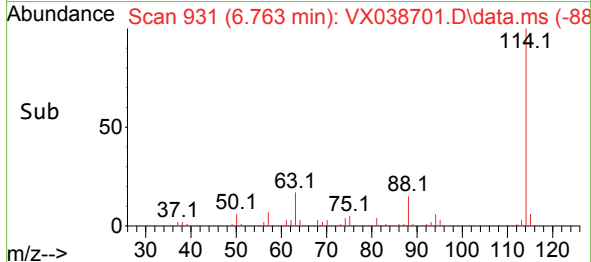
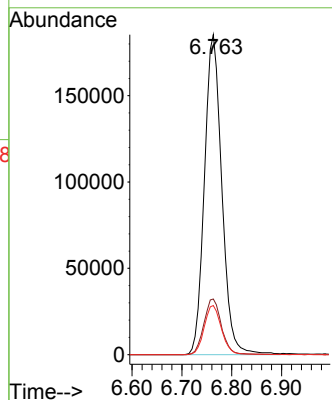
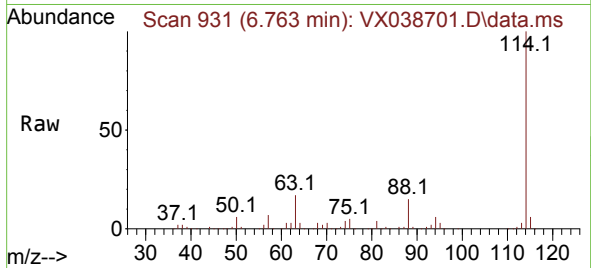




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

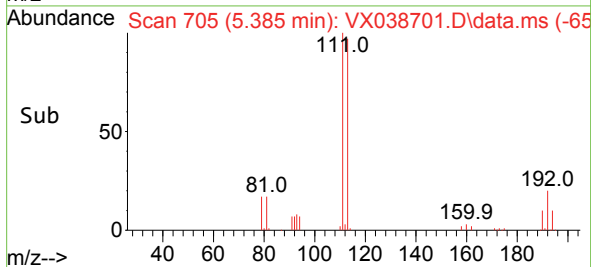
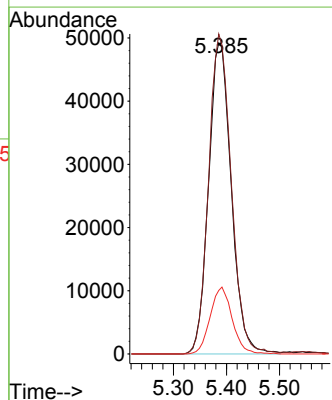
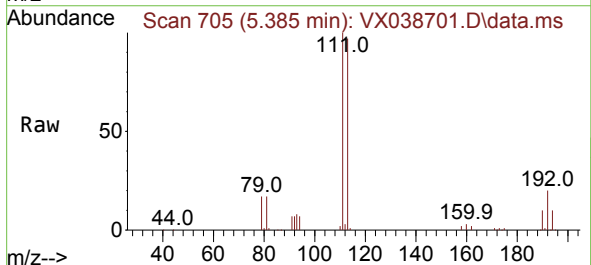
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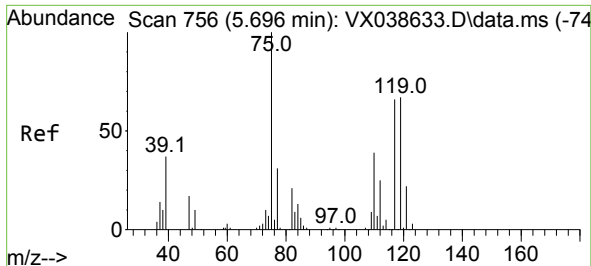
Tgt Ion:114 Resp: 449652  
Ion Ratio Lower Upper  
114 100  
63 17.4 0.0 45.0  
88 15.3 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.263 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

Tgt Ion:113 Resp: 146585  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.9 124.3  
192 20.9 13.3 19.9#

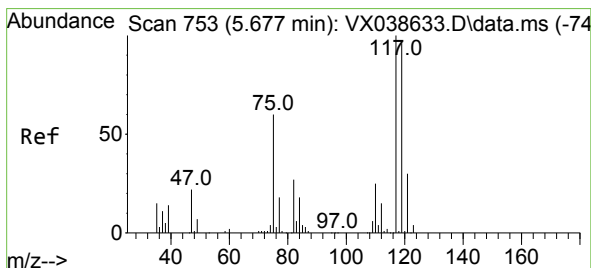
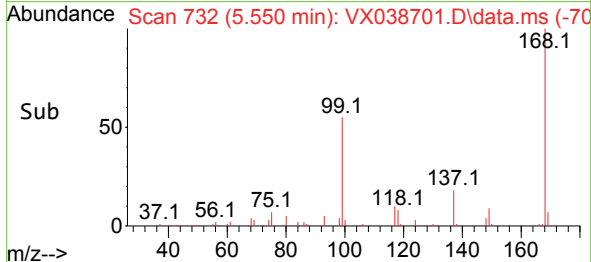
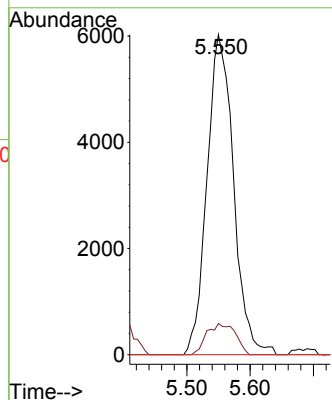
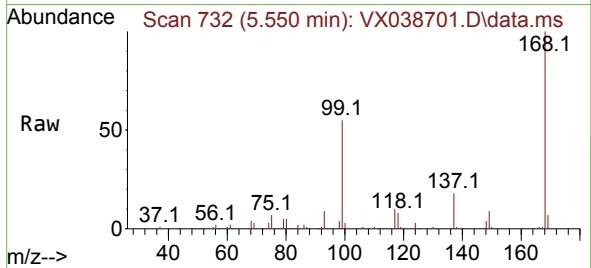




#36  
1,1-Dichloropropene  
Concen: 4.361 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.146 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

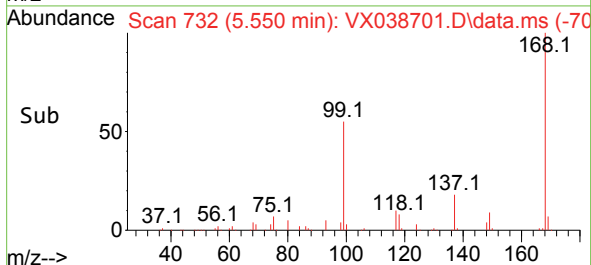
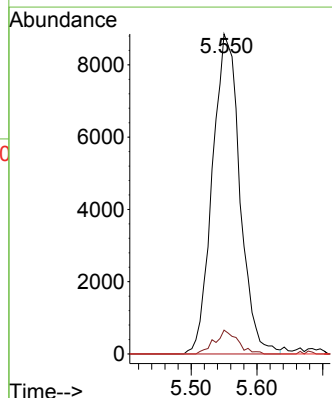
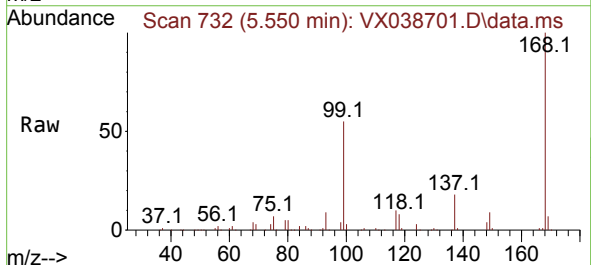
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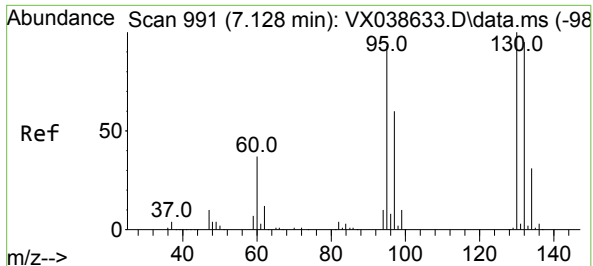
Tgt Ion: 75 Resp: 17545  
Ion Ratio Lower Upper  
75 100  
110 10.5 17.0 50.9#  
77 0.0 24.7 37.1#



#38  
Carbon Tetrachloride  
Concen: 5.729 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

Tgt Ion: 117 Resp: 25766  
Ion Ratio Lower Upper  
117 100  
119 7.4 78.2 117.2#  
121 0.0 24.4 36.6#

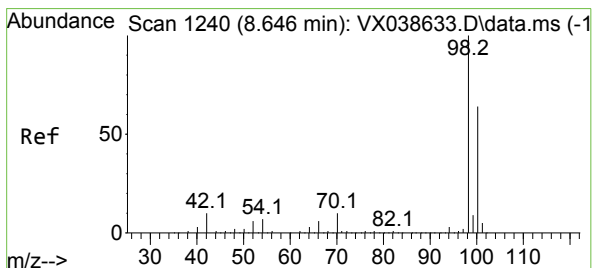
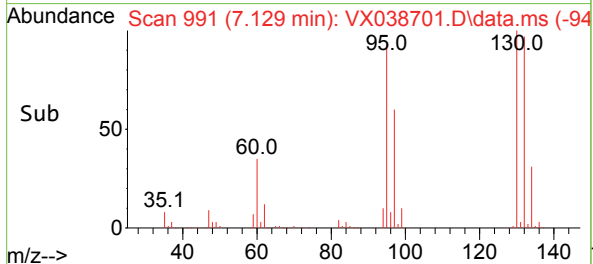
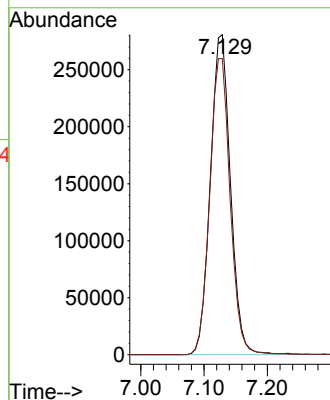
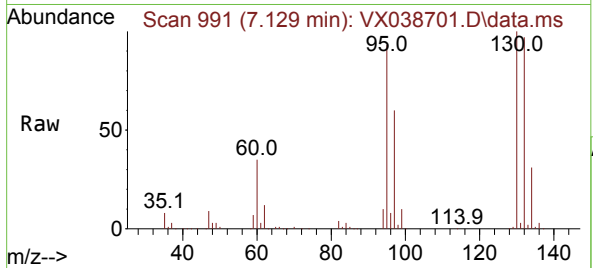




#44  
Trichloroethene  
Concen: 171.961 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

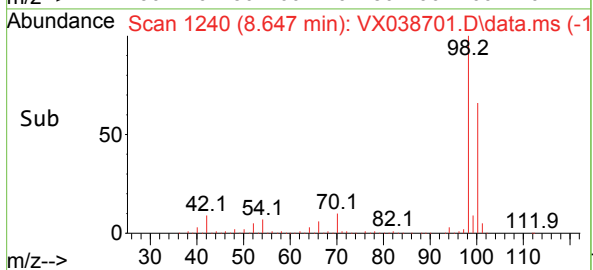
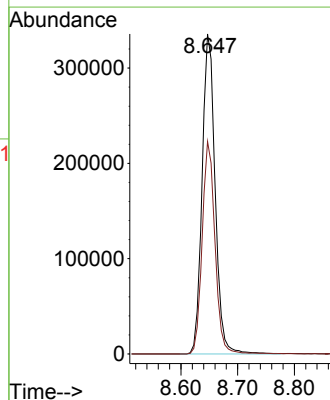
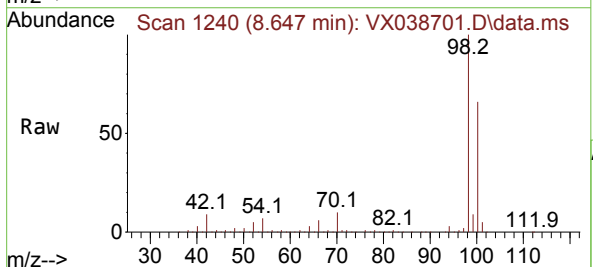
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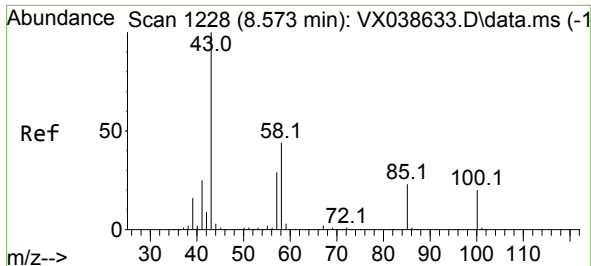
Tgt Ion:130 Resp: 619952  
Ion Ratio Lower Upper  
130 100  
95 92.5 0.0 204.4



#50  
Toluene-d8  
Concen: 46.209 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

Tgt Ion: 98 Resp: 535509  
Ion Ratio Lower Upper  
98 100  
100 65.5 53.1 79.7

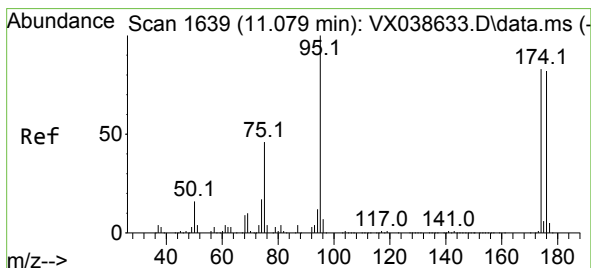
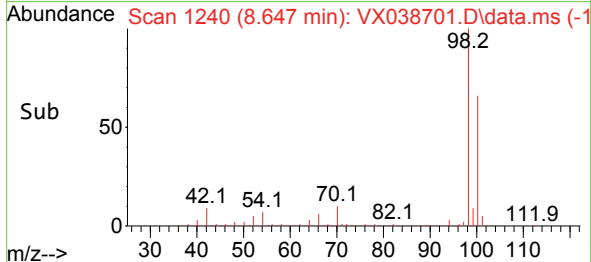
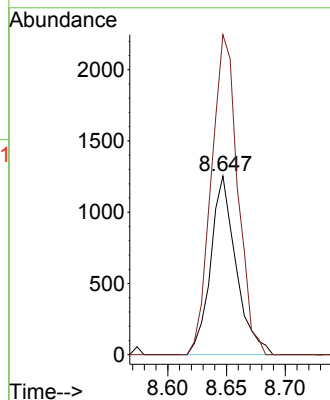
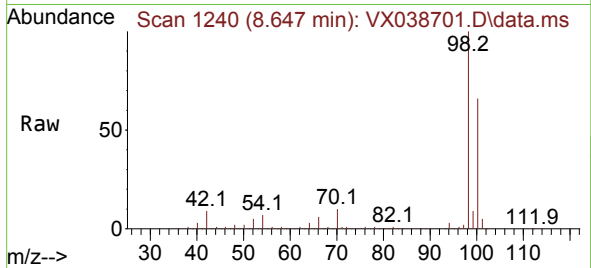




#51  
4-Methyl-2-Pentanone  
Concen: 0.458 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.074 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

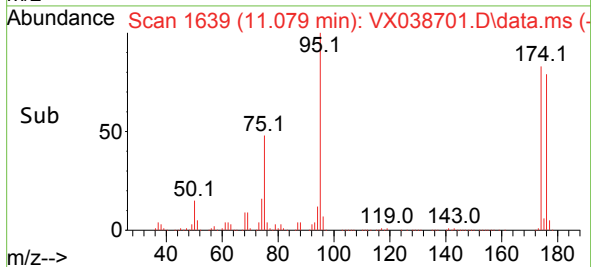
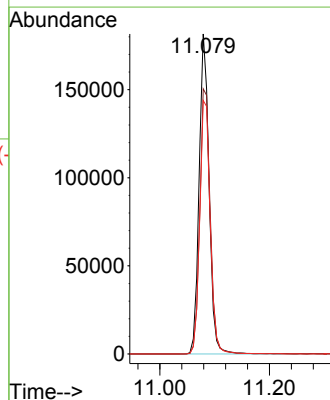
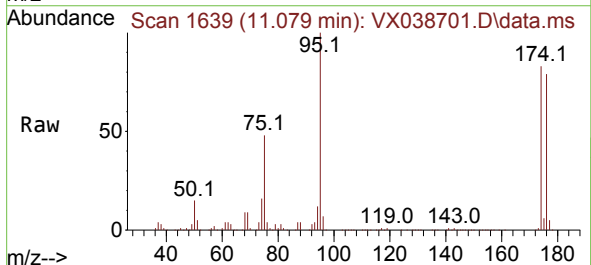
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-33-20231102

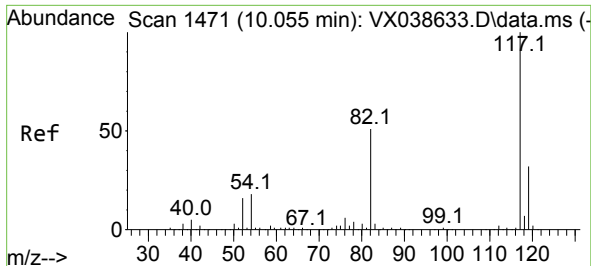
Tgt Ion: 43 Resp: 1886  
Ion Ratio Lower Upper  
43 100  
58 186.6 30.4 45.6#



#62  
4-Bromofluorobenzene  
Concen: 51.069 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

Tgt Ion: 95 Resp: 229459  
Ion Ratio Lower Upper  
95 100  
174 87.4 0.0 135.6  
176 83.9 0.0 131.0

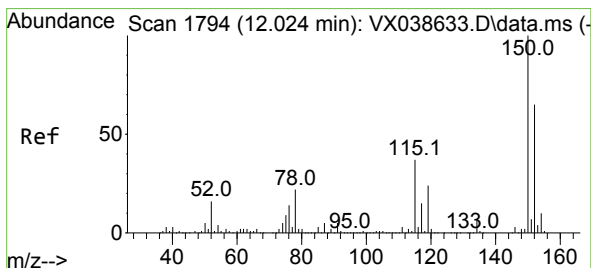
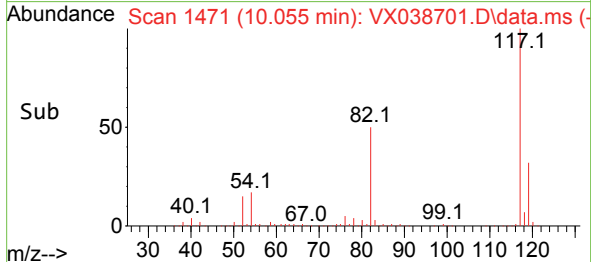
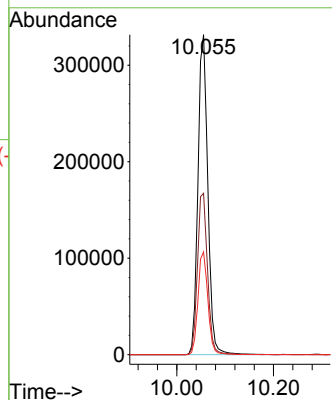
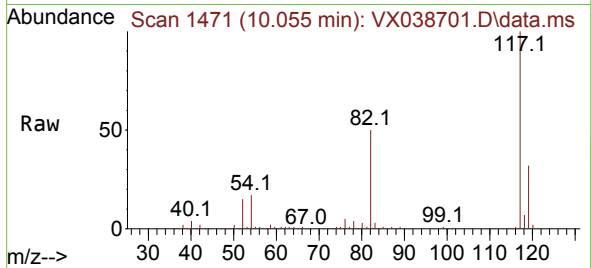




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

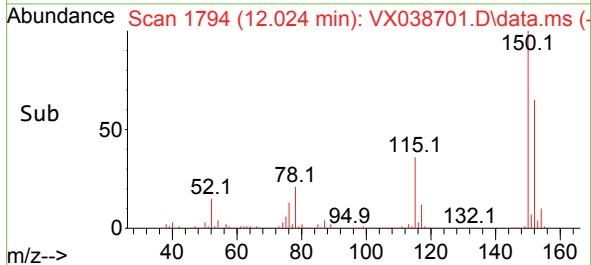
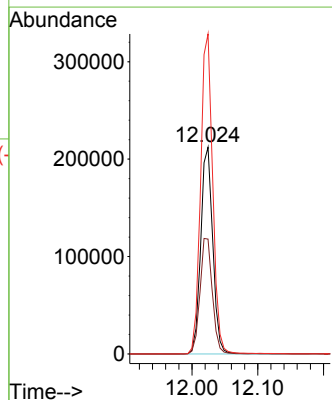
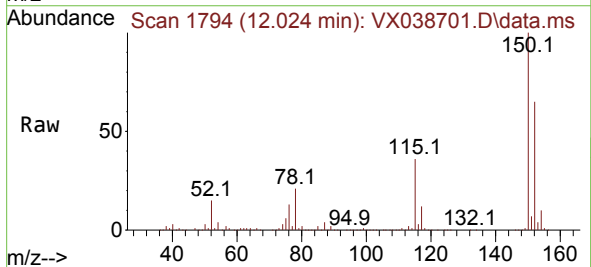
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-33-20231102

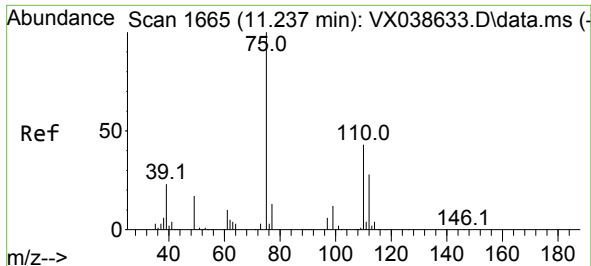
Tgt Ion:117 Resp: 468195  
Ion Ratio Lower Upper  
117 100  
82 50.5 46.2 69.4  
119 32.1 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

Tgt Ion:152 Resp: 270264  
Ion Ratio Lower Upper  
152 100  
115 57.3 43.3 129.9  
150 155.6 0.0 345.0

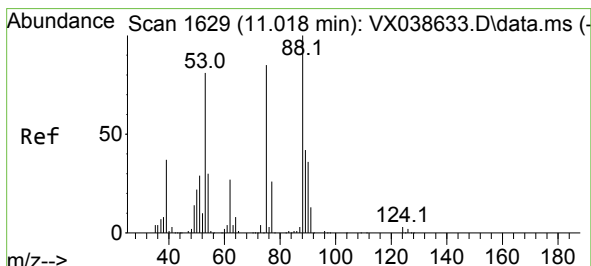
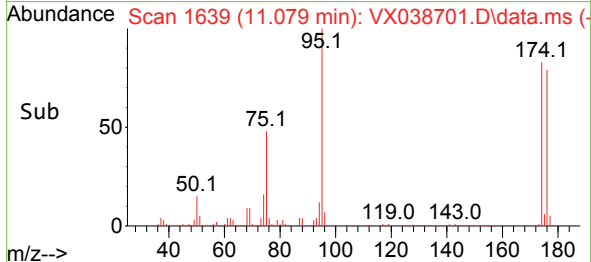
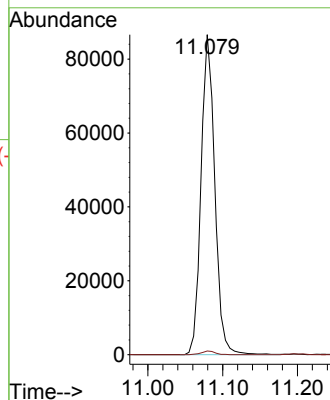
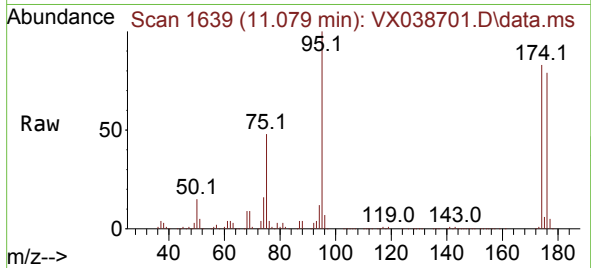




#76  
1,2,3-Trichloropropane  
Concen: 20.662 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-33-20231102

Tgt Ion: 75 Resp: 110593  
Ion Ratio Lower Upper  
75 100  
77 1.1 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 62.920 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX038701.D  
Acq: 10 Nov 2023 03:54

Tgt Ion: 75 Resp: 110593  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#

