

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091223\  
 Data File : VX037666.D  
 Acq On : 12 Sep 2023 14:11  
 Operator : JC/MD  
 Sample : 04373-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1046-FB090623

Quant Time: Sep 13 01:44:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 10:10:04 2023  
 Response via : Initial Calibration

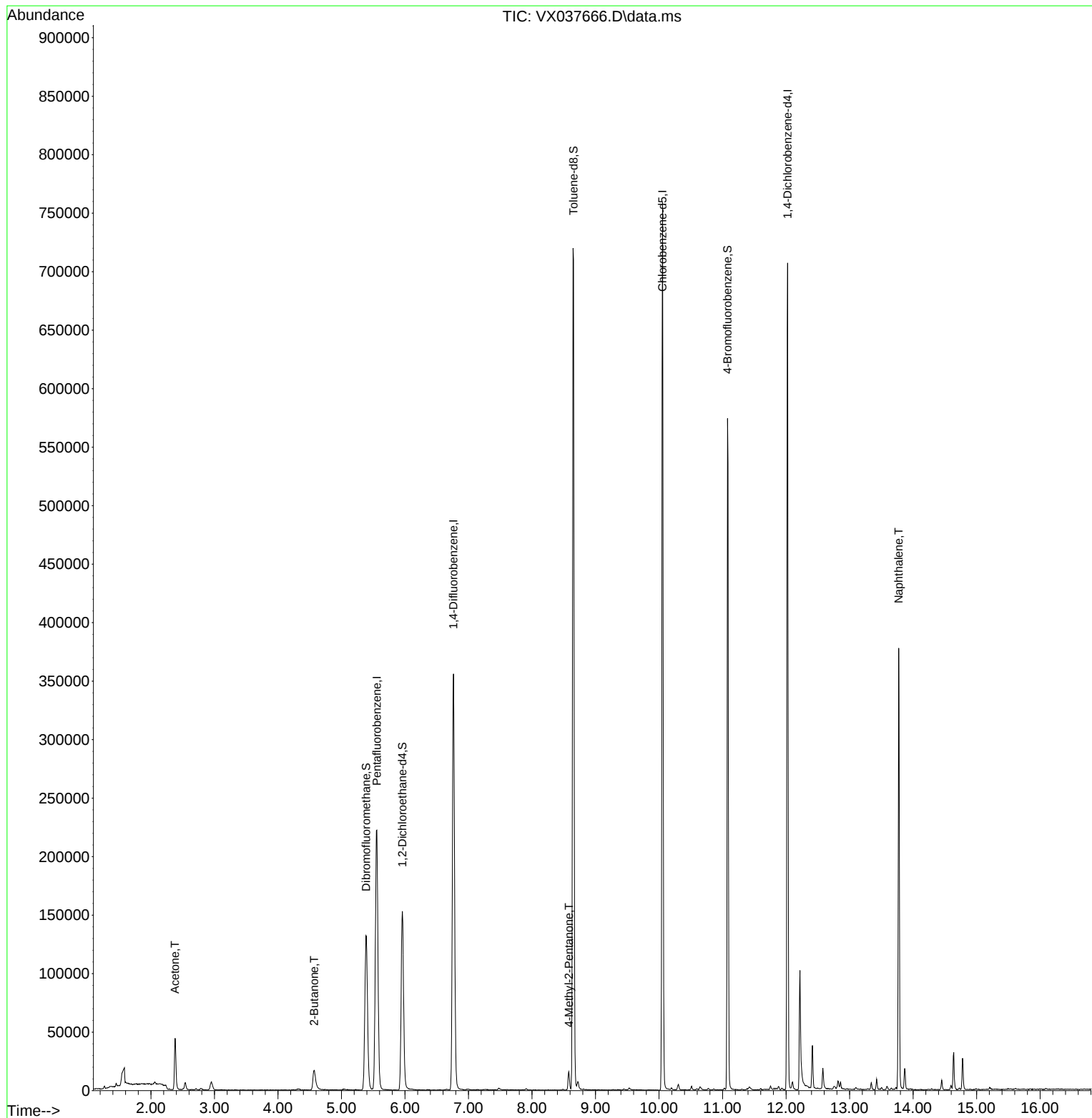
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 207230   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 363052   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 328613   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 140784   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 149259   | 44.517   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 89.040%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 115749   | 44.980   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 89.960%  |
| 50) Toluene-d8              | 8.653  | 98    | 444655   | 45.816   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 91.640%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 149009   | 42.557   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 85.120%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 45837    | 33.816   | ug/l   | 93       |
| 25) 2-Butanone              | 4.568  | 43    | 27487    | 12.436   | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone    | 8.580  | 43    | 9722     | 2.317    | ug/l   | 93       |
| 95) Naphthalene             | 13.774 | 128   | 226768   | 21.906   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

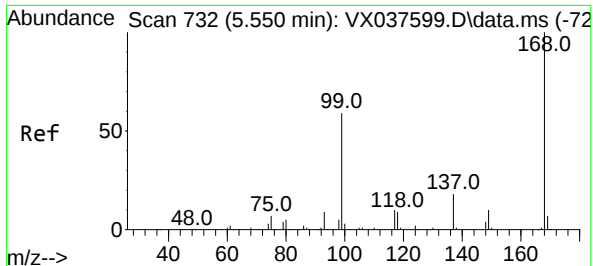
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 10:10:04 2023  
Response via : Initial Calibration

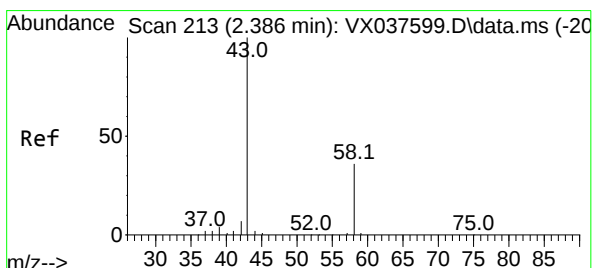
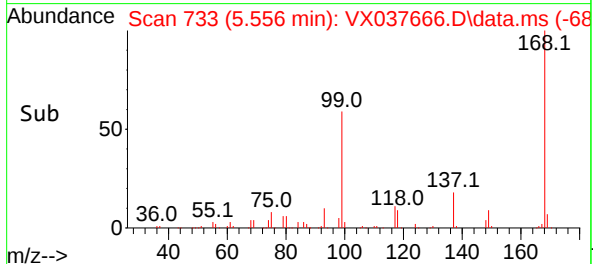
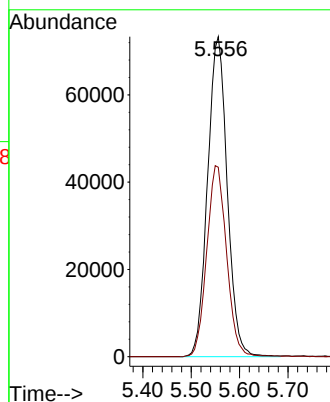
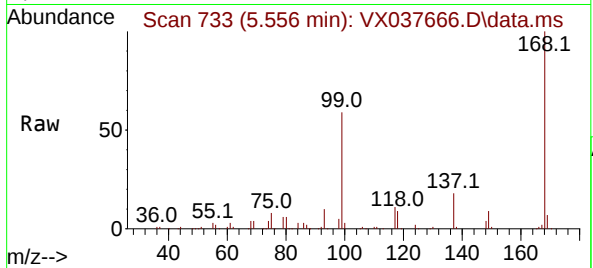




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037666.D  
Acq: 12 Sep 2023 14:11

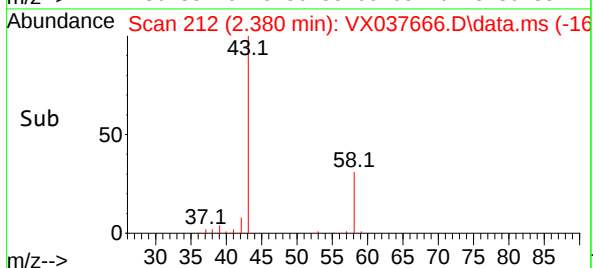
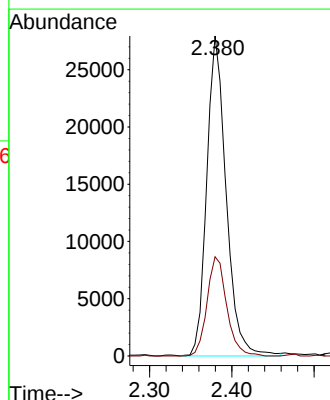
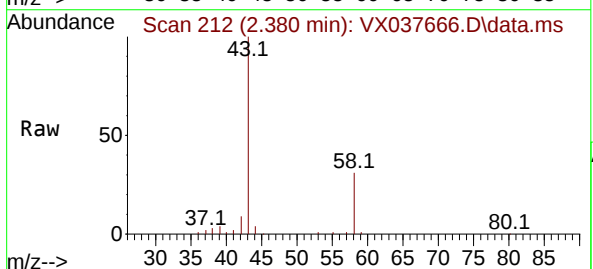
Instrument :  
MSVOA\_X  
ClientSampleId :  
1046-FB090623

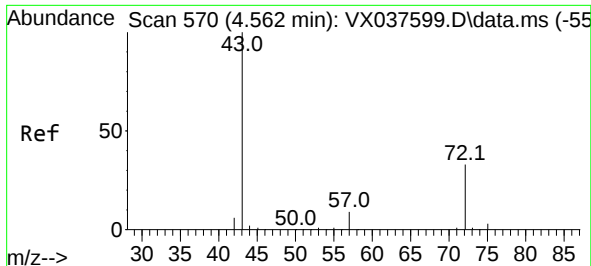
Tgt Ion:168 Resp: 207230  
Ion Ratio Lower Upper  
168 100  
99 59.2 56.6 85.0



#16  
Acetone  
Concen: 33.816 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX037666.D  
Acq: 12 Sep 2023 14:11

Tgt Ion: 43 Resp: 45837  
Ion Ratio Lower Upper  
43 100  
58 31.0 21.9 32.9

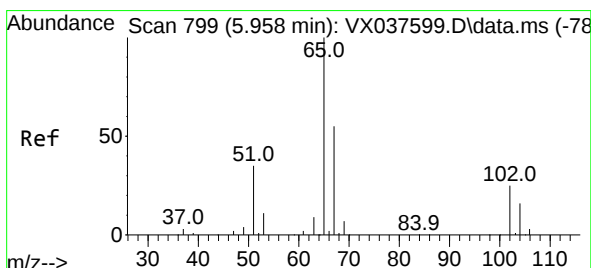
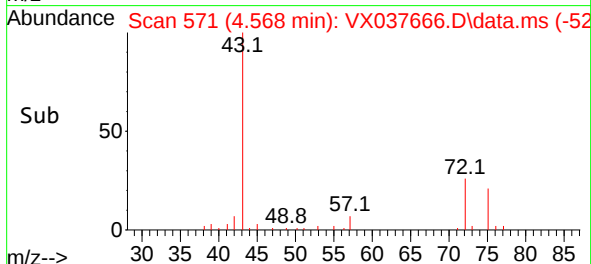
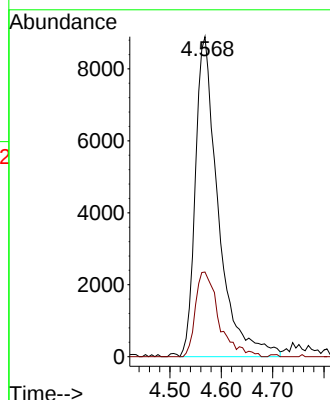
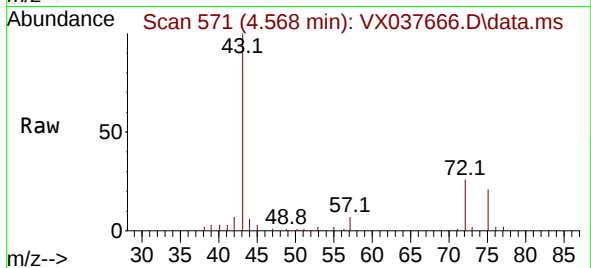




#25  
2-Butanone  
Concen: 12.436 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX037666.D  
Acq: 12 Sep 2023 14:11

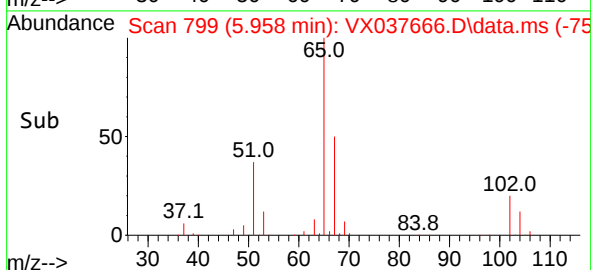
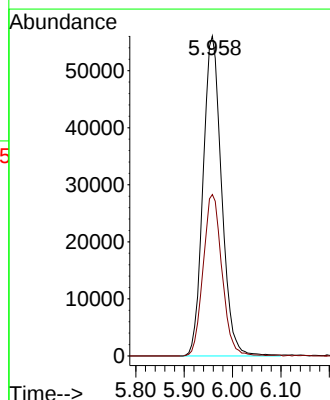
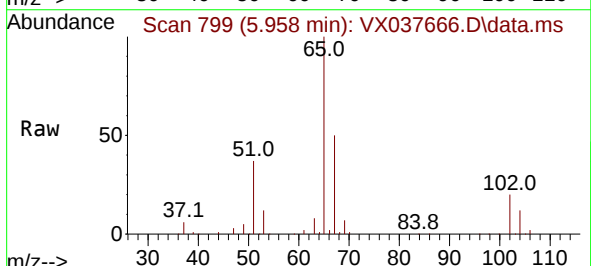
Instrument :  
MSVOA\_X  
ClientSampleId :  
1046-FB090623

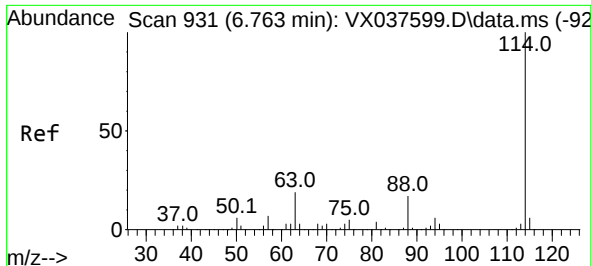
Tgt Ion: 43 Resp: 27487  
Ion Ratio Lower Upper  
43 100  
72 26.5 19.4 29.2



#33  
1,2-Dichloroethane-d4  
Concen: 44.517 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX037666.D  
Acq: 12 Sep 2023 14:11

Tgt Ion: 65 Resp: 149259  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 100.2

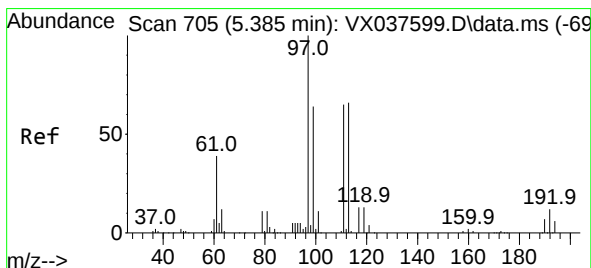
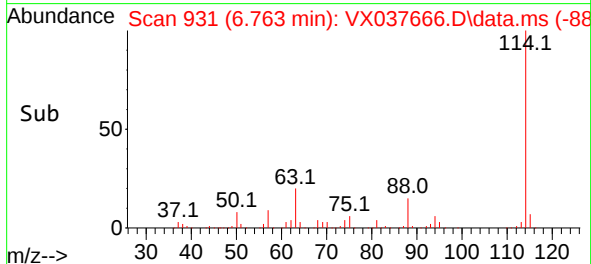
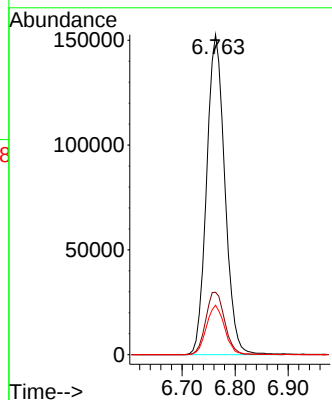
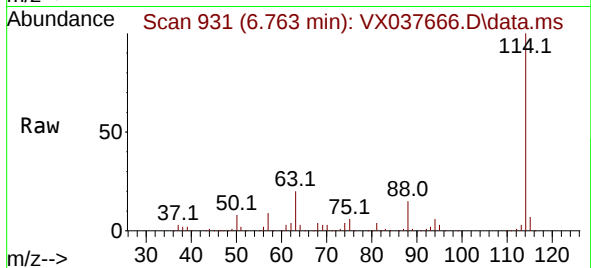




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX037666.D  
Acq: 12 Sep 2023 14:11

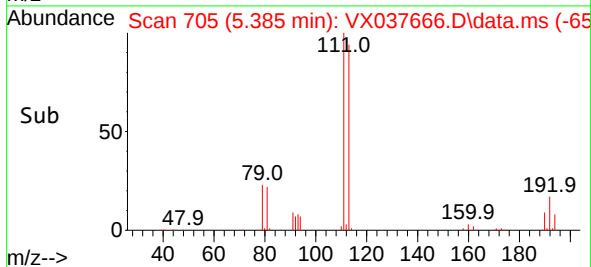
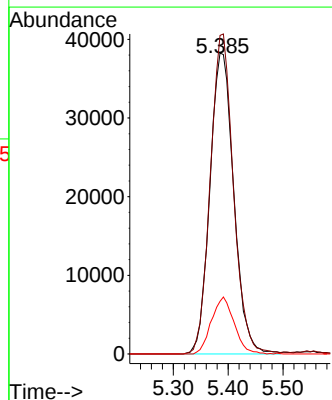
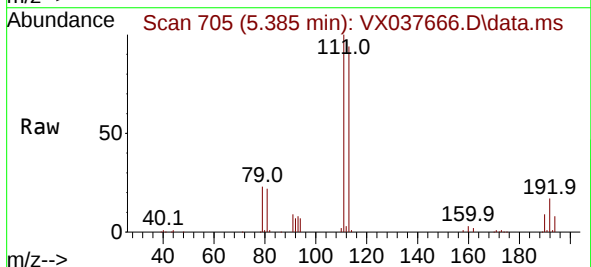
Instrument :  
MSVOA\_X  
ClientSampleId :  
1046-FB090623

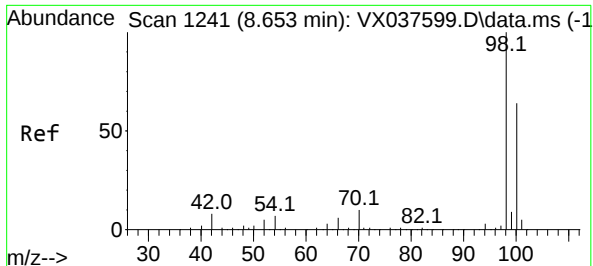
Tgt Ion:114 Resp: 363052  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 45.0  
88 15.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.980 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX037666.D  
Acq: 12 Sep 2023 14:11

Tgt Ion:113 Resp: 115749  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.9 124.3  
192 18.0 13.3 19.9

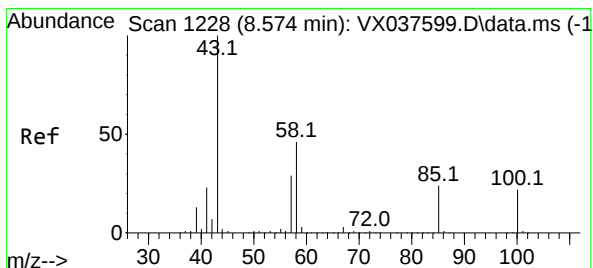
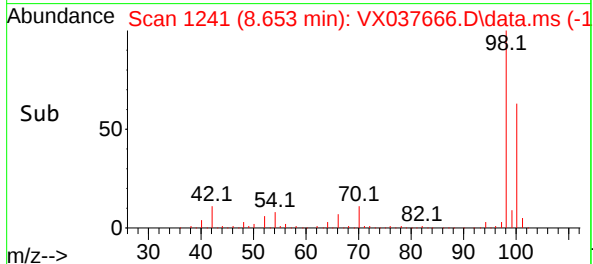
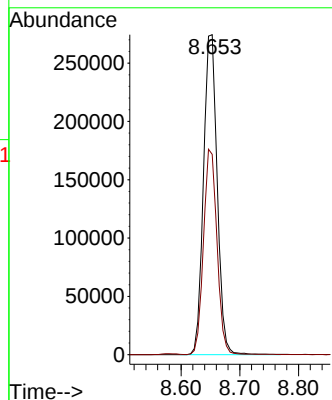
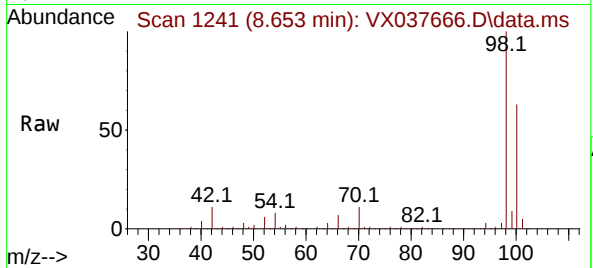




#50  
Toluene-d8  
Concen: 45.816 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX037666.D  
Acq: 12 Sep 2023 14:11

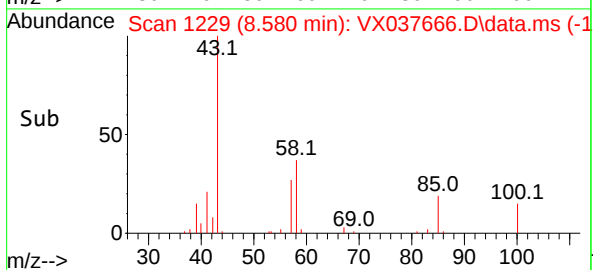
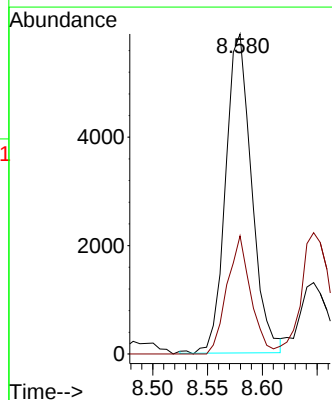
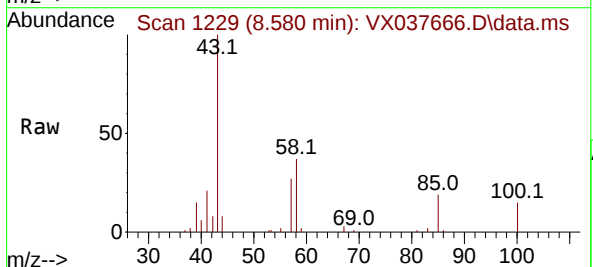
Instrument :  
MSVOA\_X  
ClientSampleId :  
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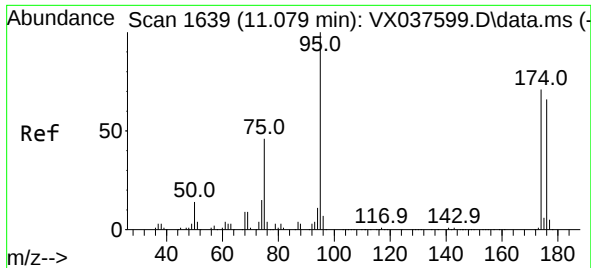
Tgt Ion: 98 Resp: 444655  
Ion Ratio Lower Upper  
98 100  
100 63.2 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 2.317 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VX037666.D  
Acq: 12 Sep 2023 14:11

Tgt Ion: 43 Resp: 9722  
Ion Ratio Lower Upper  
43 100  
58 33.5 30.4 45.6

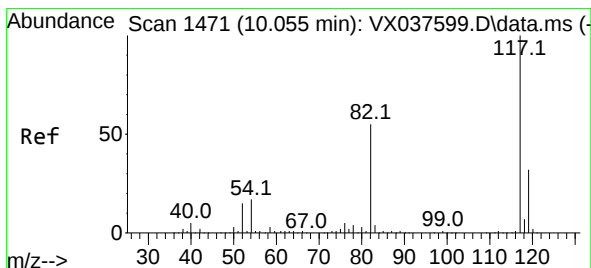
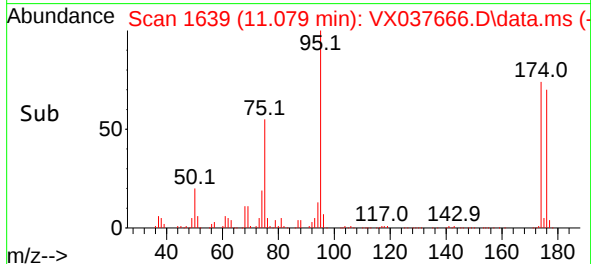
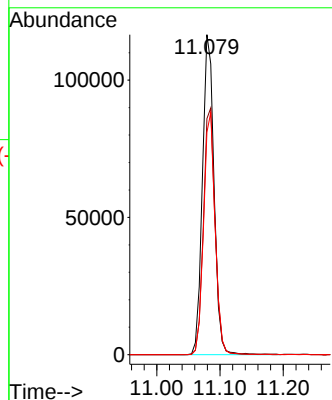
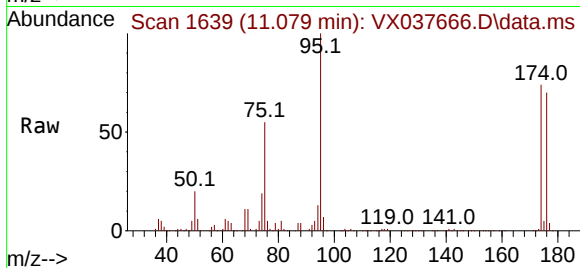




#62  
4-Bromofluorobenzene  
Concen: 42.557 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037666.D  
Acq: 12 Sep 2023 14:11

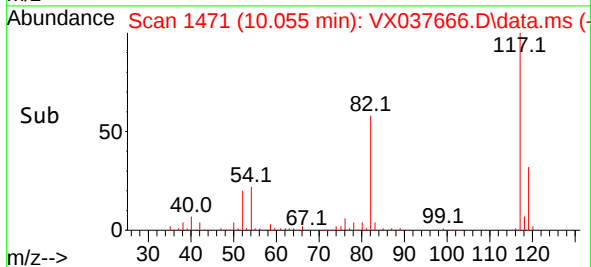
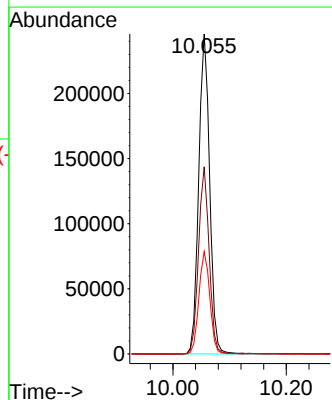
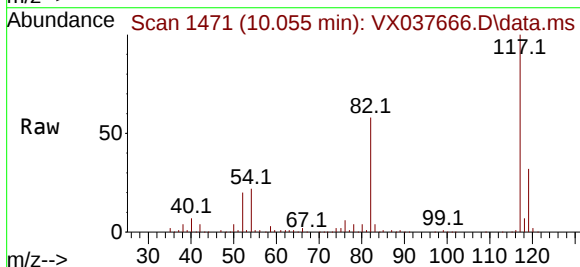
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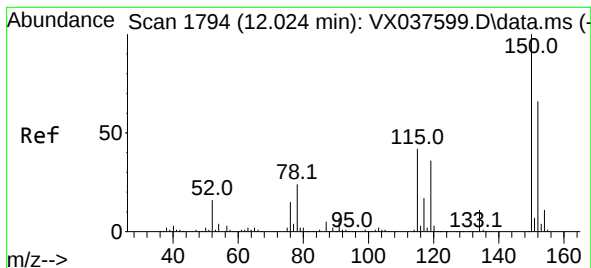
Tgt Ion: 95 Resp: 149009  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 135.6  
176 75.0 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037666.D  
Acq: 12 Sep 2023 14:11

Tgt Ion: 117 Resp: 328613  
Ion Ratio Lower Upper  
117 100  
82 58.5 46.2 69.4  
119 32.0 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: VX037666.D

Acq: 12 Sep 2023 14:11

Instrument :

MSVOA\_X

ClientSampleId :

1046-FB090623

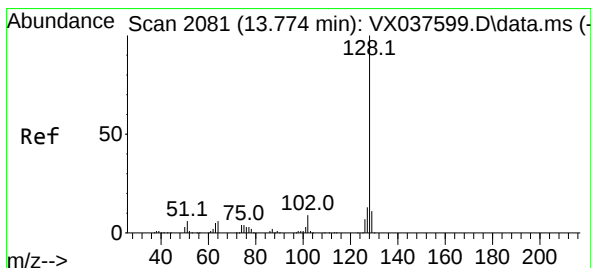
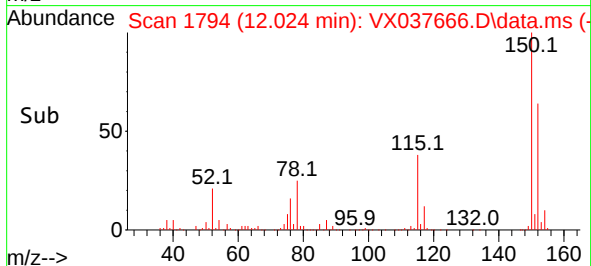
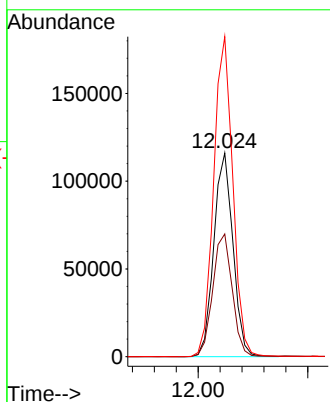
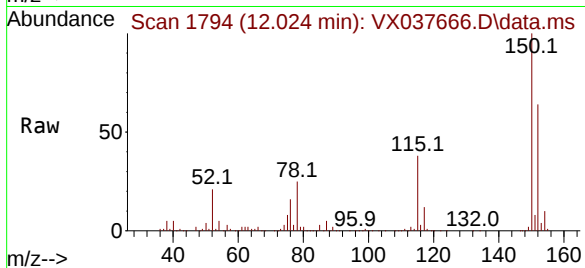
Tgt Ion:152 Resp: 140784

Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 157.7 0.0 345.0



#95

Naphthalene

Concen: 21.906 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037666.D

Acq: 12 Sep 2023 14:11

Tgt Ion:128 Resp: 226768

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.6 8.8 13.2

