

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052522\  
 Data File : VX028959.D  
 Acq On : 25 May 2022 18:34  
 Operator : JC/MD  
 Sample : N2981-23  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TGMP-4

Quant Time: May 26 05:46:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

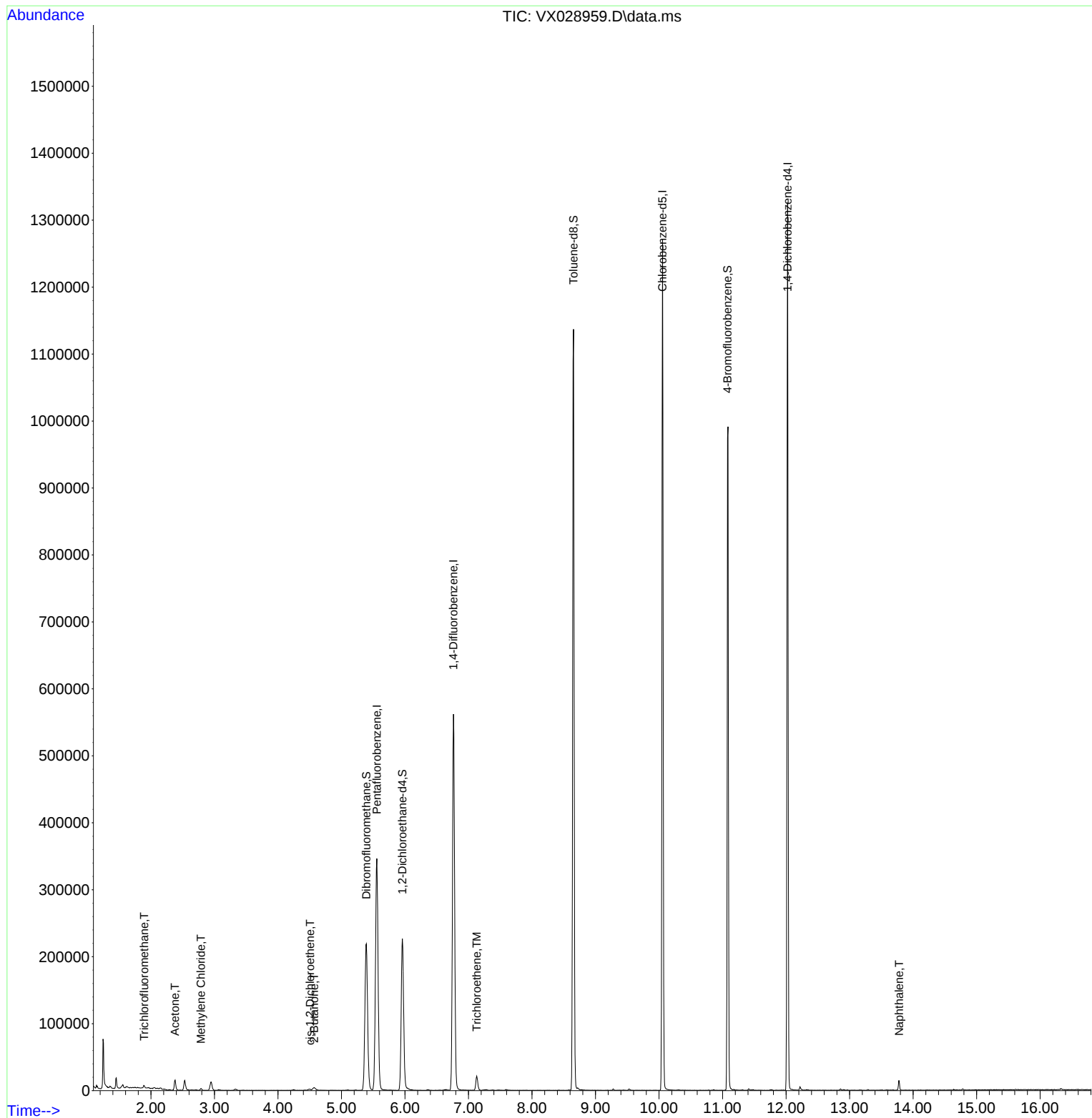
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 322667   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 583127   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 567124   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 267242   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 227045   | 51.333   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | = 102.660% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 197081   | 51.584   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | = 103.160% |          |
| 50) Toluene-d8              | 8.653     | 98    | 697125   | 48.397   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | = 96.800%  |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 275216   | 51.155   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | = 102.300% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 7) Trichlorofluoromethane   | 1.892     | 101   | 2474     | 0.362    | ug/l       | 84       |
| 16) Acetone                 | 2.380     | 43    | 16550    | 8.719    | ug/l       | 99       |
| 20) Methylene Chloride      | 2.788     | 84    | 1044     | 0.262    | ug/l       | # 88     |
| 25) 2-Butanone              | 4.568     | 43    | 2419     | 0.812    | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene  | 4.507     | 96    | 1118     | 0.254    | ug/l       | 60       |
| 44) Trichloroethene         | 7.129     | 130   | 8511     | 1.903    | ug/l       | 88       |
| 95) Naphthalene             | 13.780    | 128   | 9545     | 0.503    | ug/l       | 99       |
| -----                       |           |       |          |          |            |          |

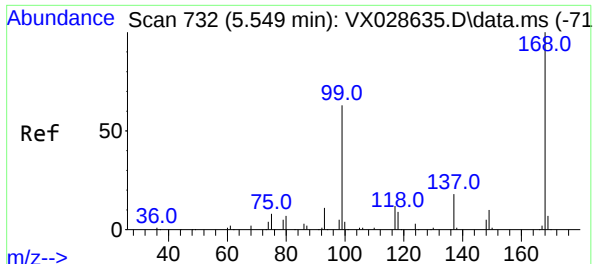
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
TGMP-4

Quant Time: May 26 05:46:33 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
Response via : Initial Calibration

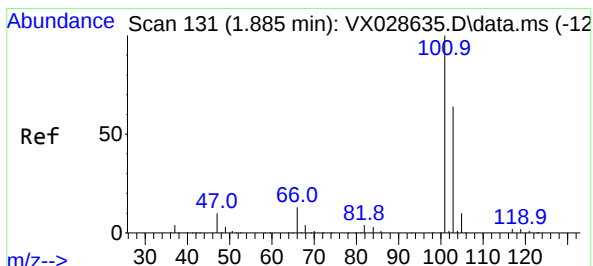
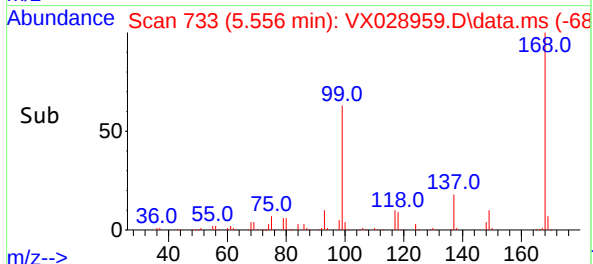
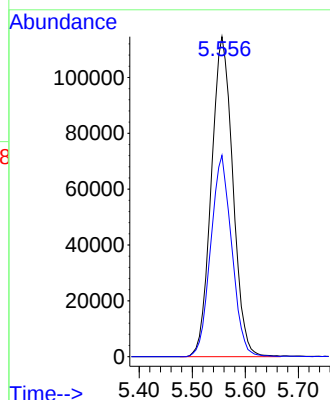
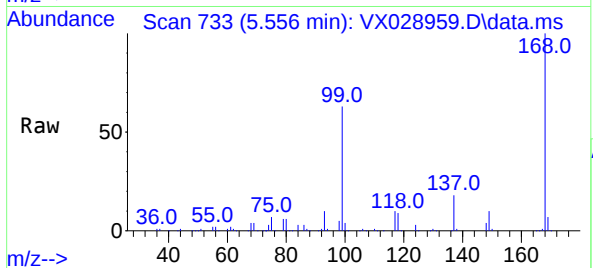




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

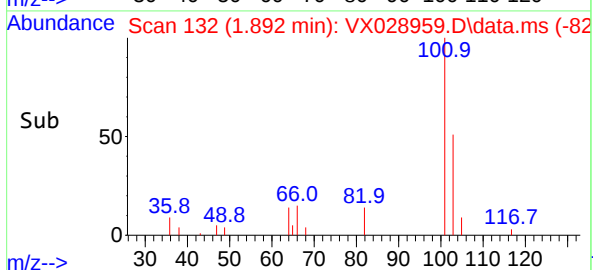
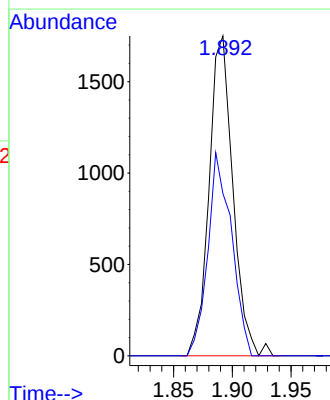
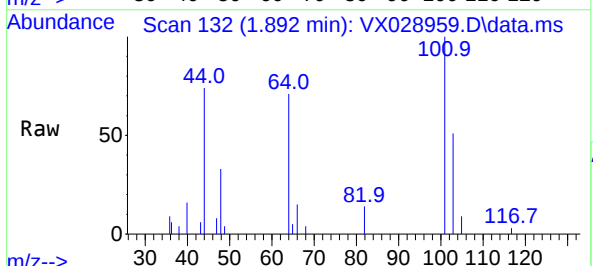
Instrument :  
MSVOA\_X  
ClientSampleId :  
TGMP-4

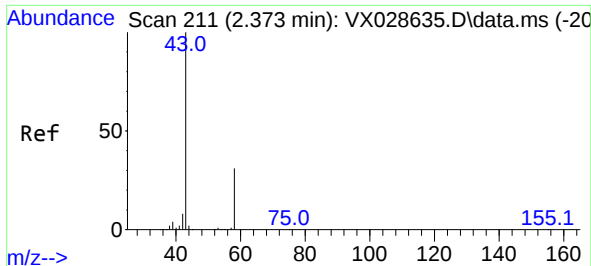
Tgt Ion:168 Resp: 322667  
Ion Ratio Lower Upper  
168 100  
99 62.9 41.7 62.5#



#7  
Trichlorofluoromethane  
Concen: 0.362 ug/l  
RT: 1.892 min Scan# 132  
Delta R.T. 0.007 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

Tgt Ion:101 Resp: 2474  
Ion Ratio Lower Upper  
101 100  
103 50.7 50.5 75.7

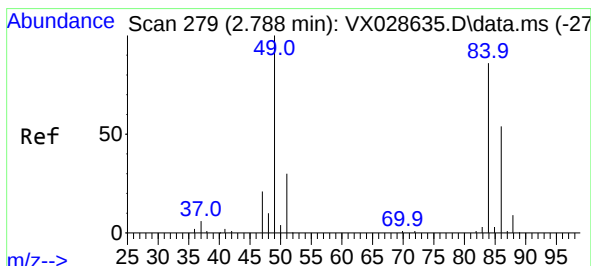
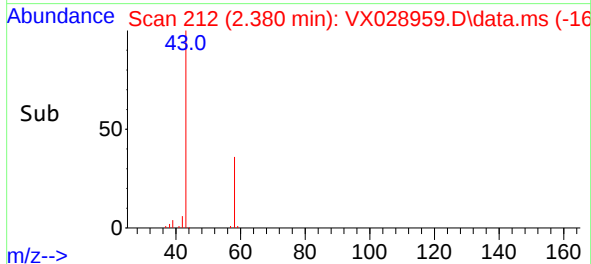
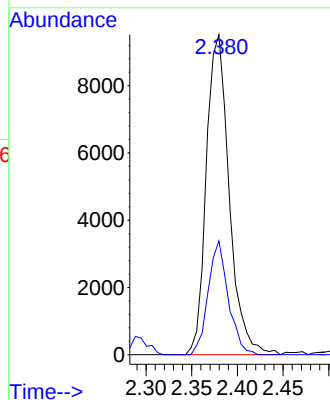
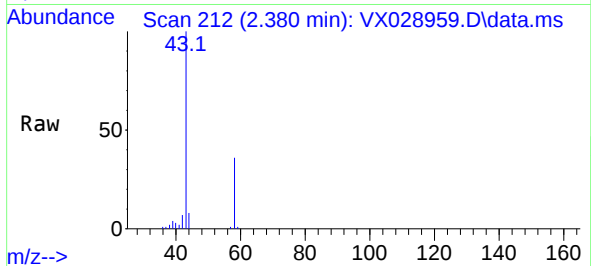




#16  
Acetone  
Concen: 8.719 ug/l  
RT: 2.380 min Scan# 211  
Delta R.T. 0.007 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

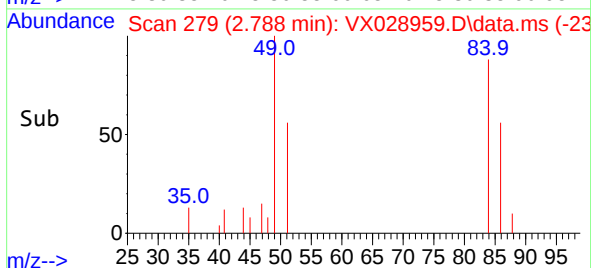
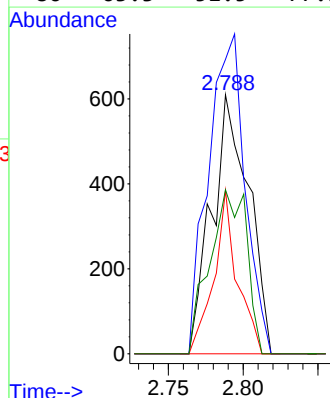
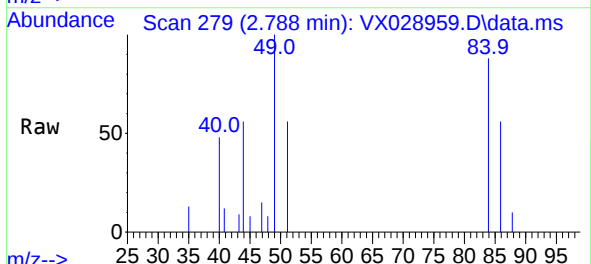
Instrument :  
MSVOA\_X  
ClientSampleId :  
TGMP-4

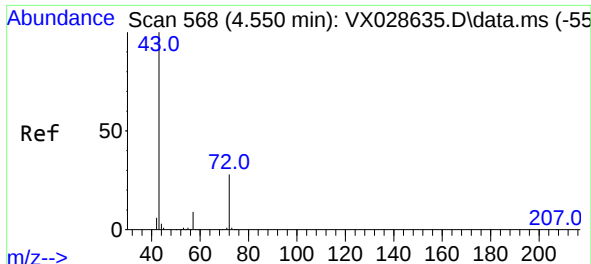
Tgt Ion: 43 Resp: 16550  
Ion Ratio Lower Upper  
43 100  
58 35.6 28.8 43.2



#20  
Methylene Chloride  
Concen: 0.262 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

Tgt Ion: 84 Resp: 1044  
Ion Ratio Lower Upper  
84 100  
49 113.6 85.5 128.3  
51 63.1 26.6 39.8#  
86 63.3 51.5 77.3





#25

2-Butanone

Concen: 0.812 ug/l

RT: 4.568 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX028959.D

Acq: 25 May 2022 18:34

Instrument :

MSVOA\_X

ClientSampleId :

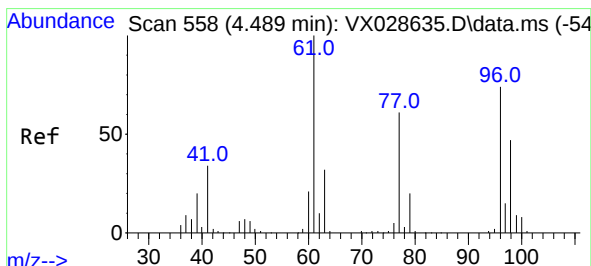
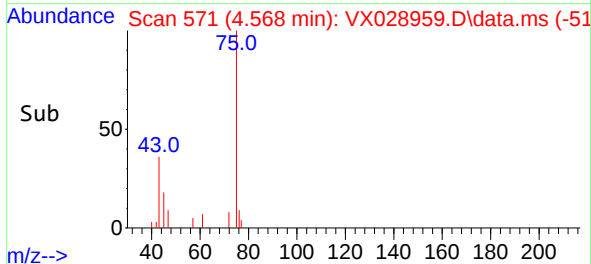
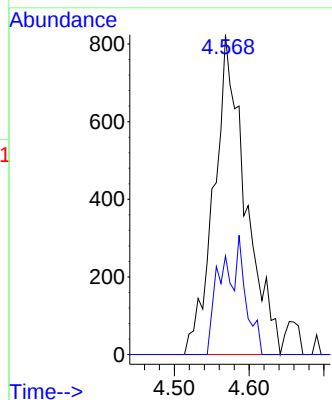
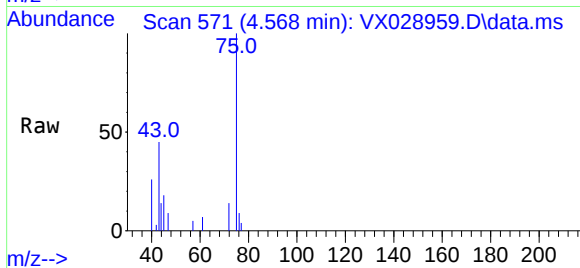
TGMP-4

Tgt Ion: 43 Resp: 2419

Ion Ratio Lower Upper

43 100

72 30.8 24.4 36.6



#27

cis-1,2-Dichloroethene

Concen: 0.254 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.018 min

Lab File: VX028959.D

Acq: 25 May 2022 18:34

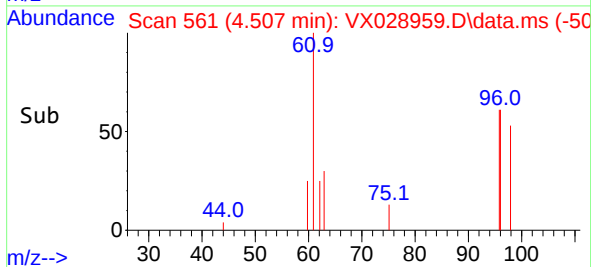
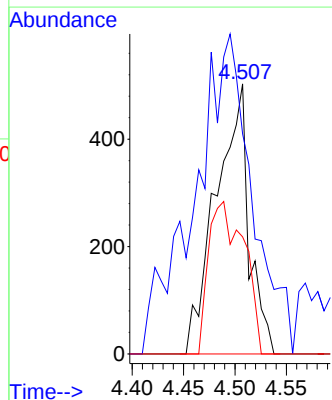
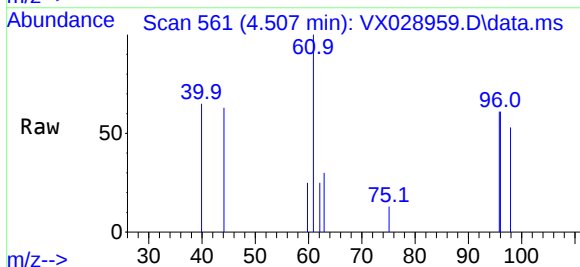
Tgt Ion: 96 Resp: 1118

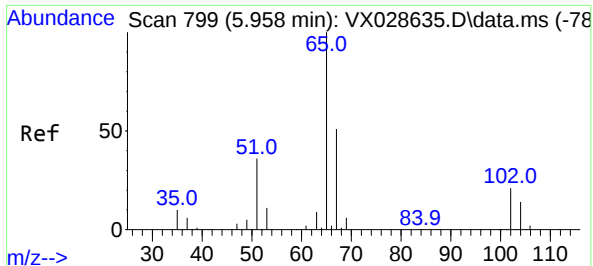
Ion Ratio Lower Upper

96 100

61 209.9 0.0 283.8

98 61.1 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 51.333 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028959.D

Acq: 25 May 2022 18:34

Instrument :

MSVOA\_X

ClientSampleId :

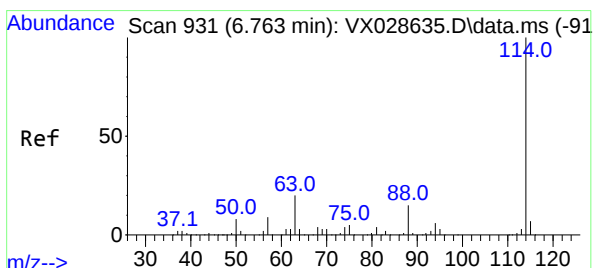
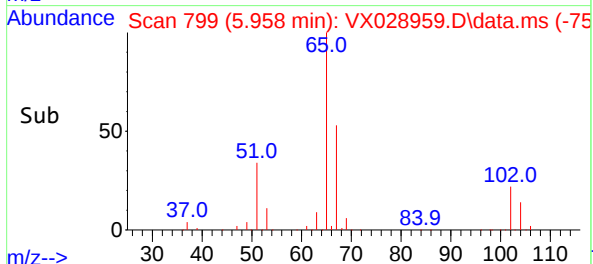
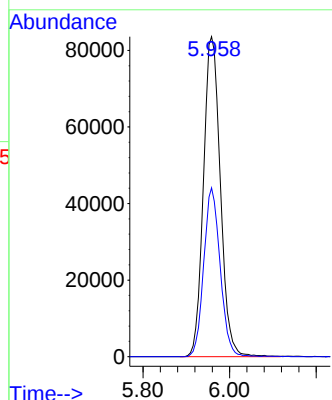
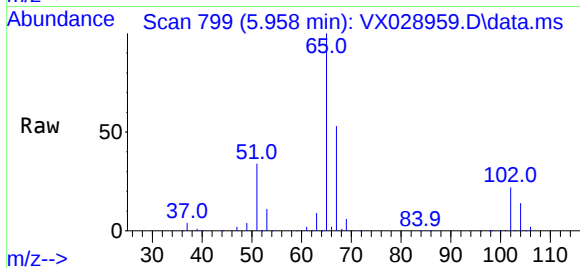
TGMP-4

Tgt Ion: 65 Resp: 227045

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028959.D

Acq: 25 May 2022 18:34

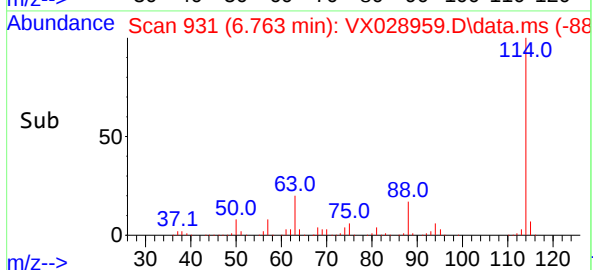
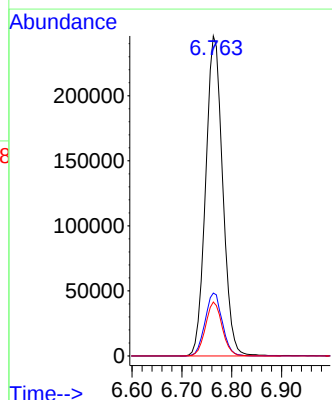
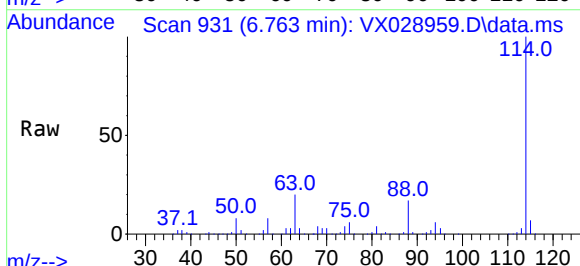
Tgt Ion: 114 Resp: 583127

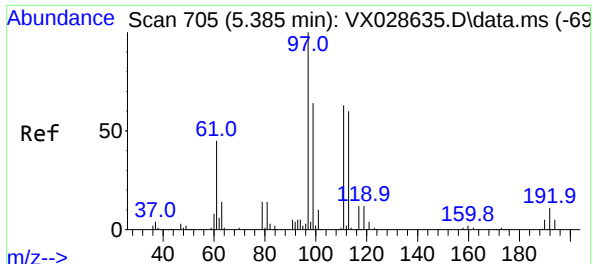
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

88 16.9 0.0 32.4

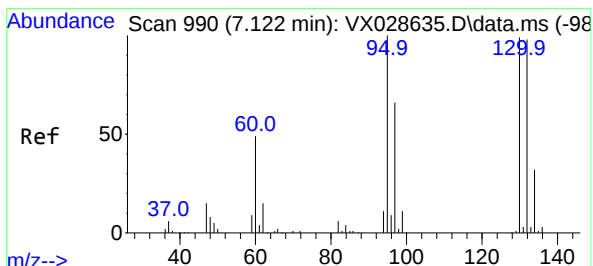
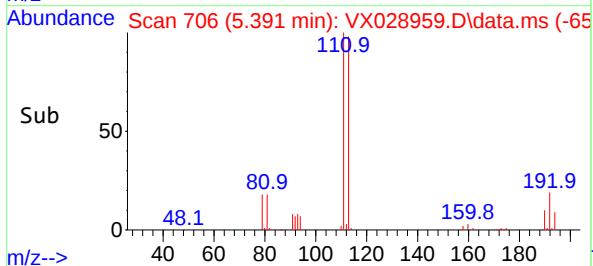
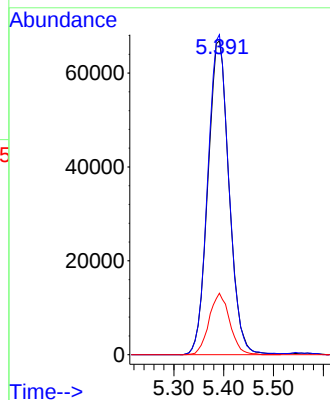
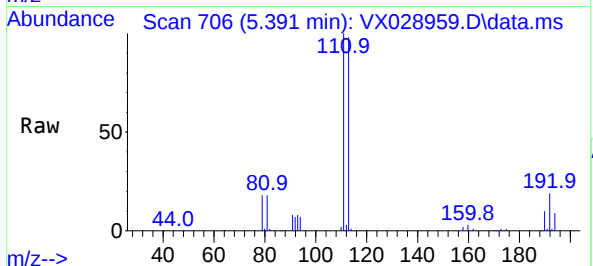




#35  
Dibromofluoromethane  
Concen: 51.584 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

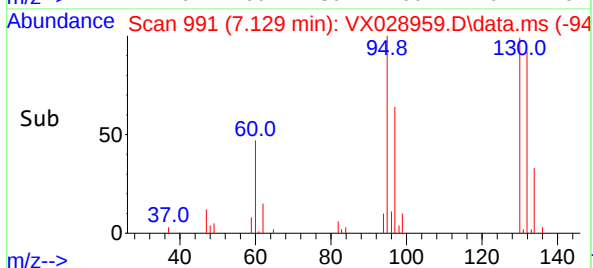
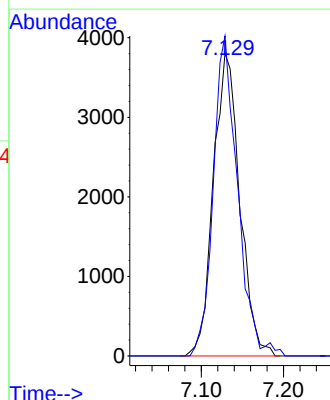
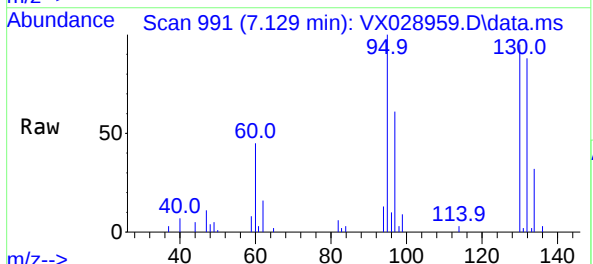
Instrument :  
MSVOA\_X  
ClientSampleId :  
TGMP-4

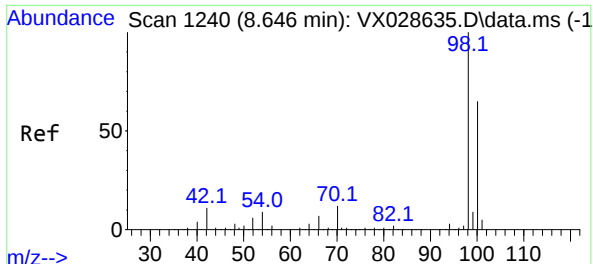
Tgt Ion:113 Resp: 197081  
Ion Ratio Lower Upper  
113 100  
111 101.4 82.8 124.2  
192 19.0 16.9 25.3



#44  
Trichloroethene  
Concen: 1.903 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.007 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

Tgt Ion:130 Resp: 8511  
Ion Ratio Lower Upper  
130 100  
95 105.6 0.0 188.8

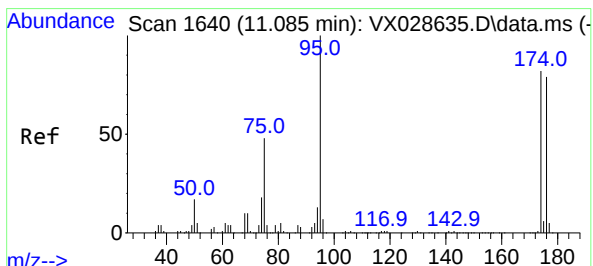
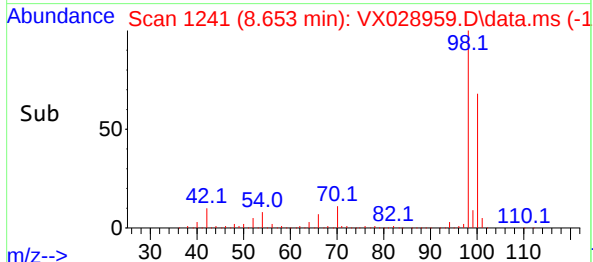
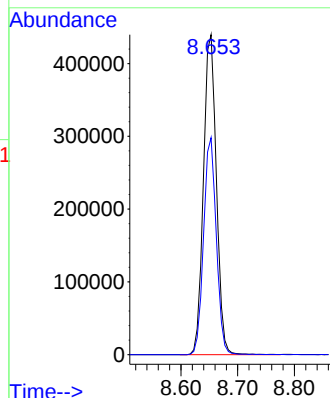
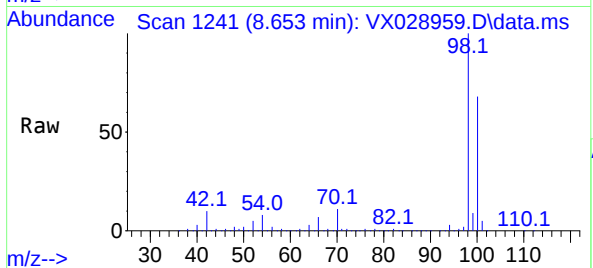




#50  
Toluene-d8  
Concen: 48.397 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

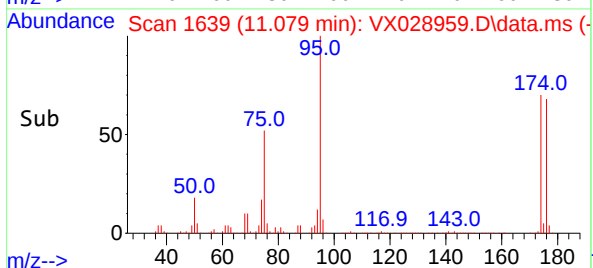
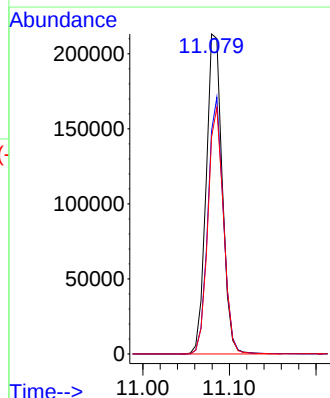
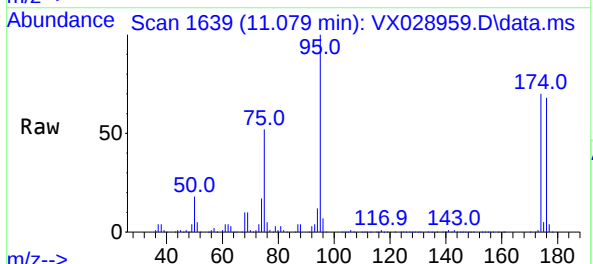
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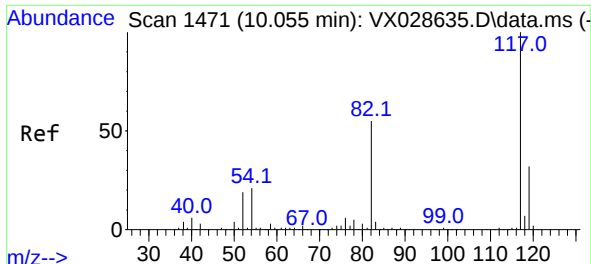
Tgt Ion: 98 Resp: 697125  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 51.155 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

Tgt Ion: 95 Resp: 275216  
Ion Ratio Lower Upper  
95 100  
174 76.8 0.0 163.0  
176 74.6 0.0 155.0

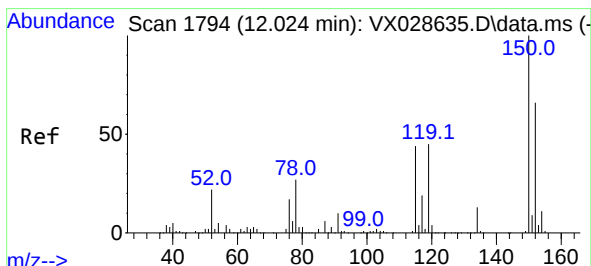
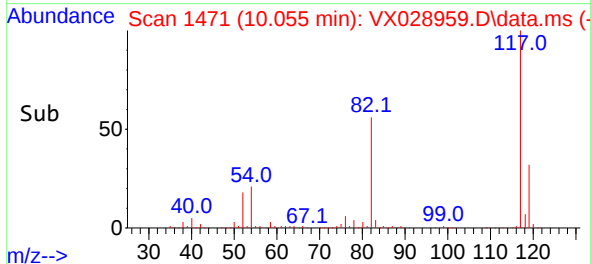
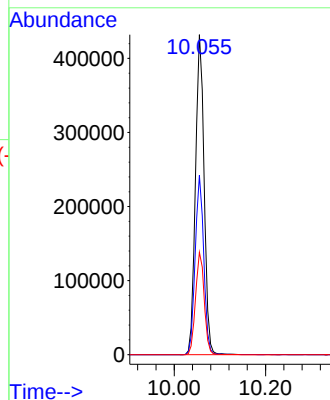
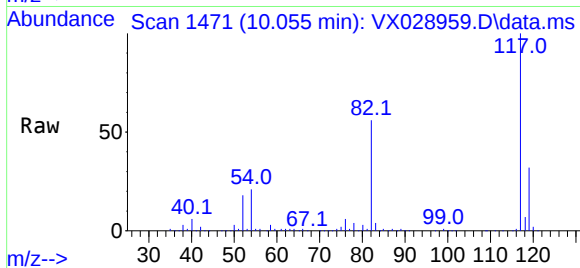




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

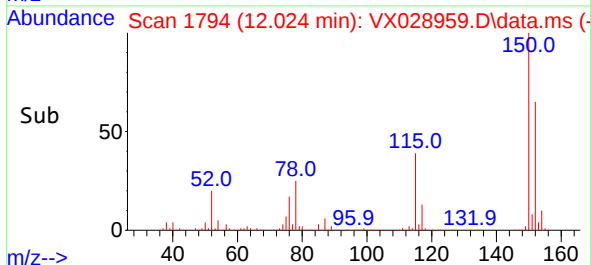
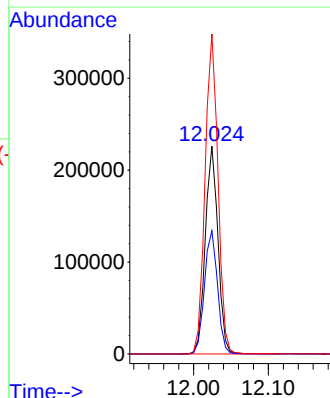
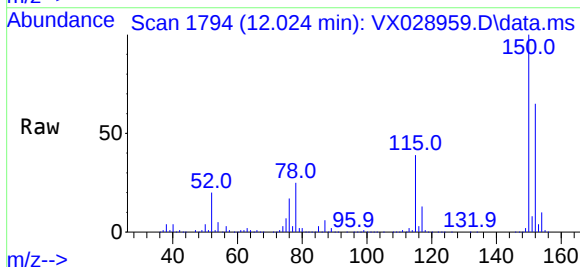
Instrument :  
MSVOA\_X  
ClientSampleId :  
TGMP-4

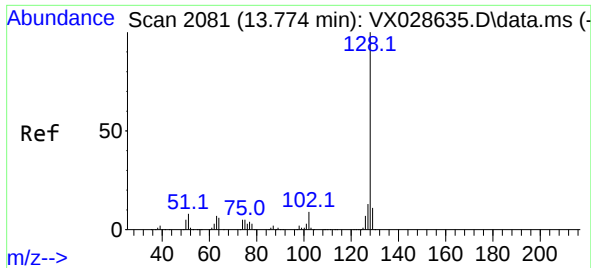
Tgt Ion:117 Resp: 567124  
Ion Ratio Lower Upper  
117 100  
82 56.0 41.8 62.8  
119 32.0 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

Tgt Ion:152 Resp: 267242  
Ion Ratio Lower Upper  
152 100  
115 60.9 37.5 112.7  
150 156.4 0.0 338.2





#95  
Naphthalene  
Concen: 0.503 ug/l  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX028959.D  
Acq: 25 May 2022 18:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
TGMP-4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 9545  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.3  | 10.2  | 15.4  |
| 129      | 10.6  | 8.7   | 13.1  |

