

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090822\  
 Data File : VX031229.D  
 Acq On : 08 Sep 2022 22:09  
 Operator : JC/MD  
 Sample : N4360-02RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT17411-20220823RE

Quant Time: Sep 09 01:12:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 07 23:22:41 2022  
 Response via : Initial Calibration

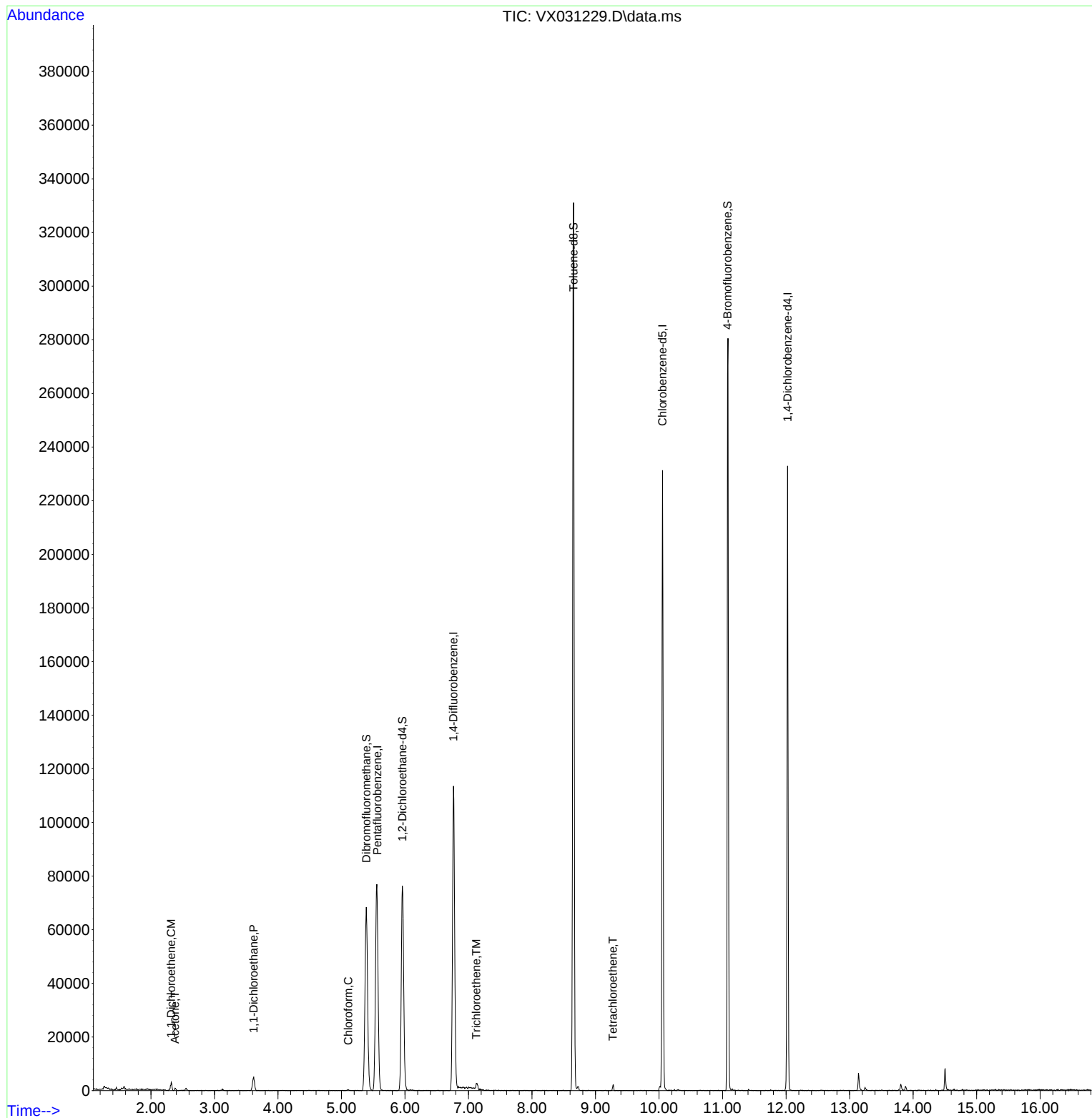
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 61598    | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 108385   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 94445    | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 40502    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 85784    | 58.822   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 117.640% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 58111    | 49.201   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 98.400%  |
| 50) Toluene-d8              | 8.653  | 98    | 195862   | 45.643   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 91.280%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 77504    | 49.284   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 98.560%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 12) 1,1-Dichloroethene      | 2.318  | 96    | 1027     | 0.987    | ug/l  | 99       |
| 16) Acetone                 | 2.379  | 43    | 1026     | 2.032    | ug/l  | # 67     |
| 24) 1,1-Dichloroethane      | 3.617  | 63    | 5579     | 2.867    | ug/l  | 98       |
| 30) Chloroform              | 5.104  | 83    | 547      | 0.238    | ug/l  | 96       |
| 44) Trichloroethene         | 7.122  | 130   | 880      | 0.652    | ug/l  | 86       |
| 64) Tetrachloroethene       | 9.274  | 164   | 498      | 0.507    | ug/l  | 87       |
| -----                       |        |       |          |          |       |          |

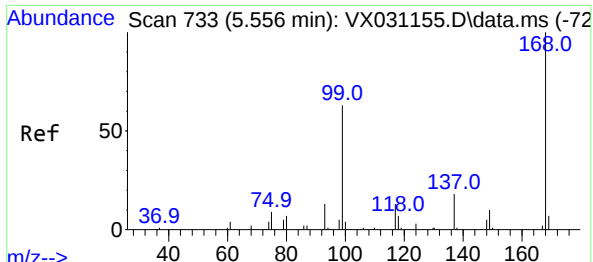
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090822\  
Data File : VX031229.D  
Acq On : 08 Sep 2022 22:09  
Operator : JC/MD  
Sample : N4360-02RE  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT174I1-20220823RE

Quant Time: Sep 09 01:12:11 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 07 23:22:41 2022  
Response via : Initial Calibration

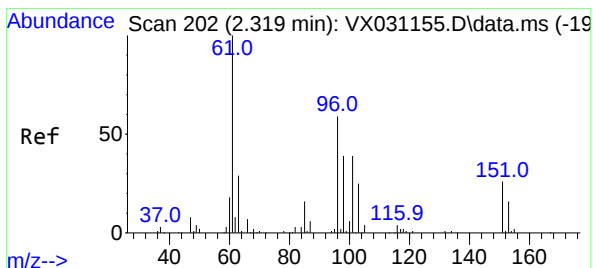
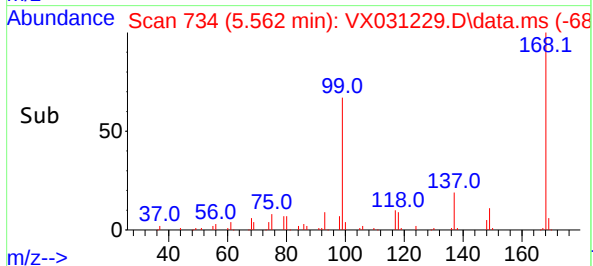
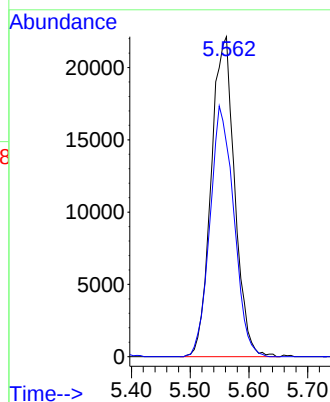
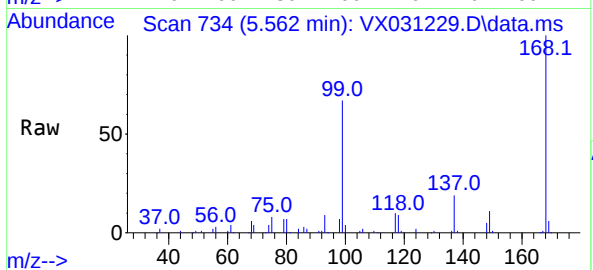




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

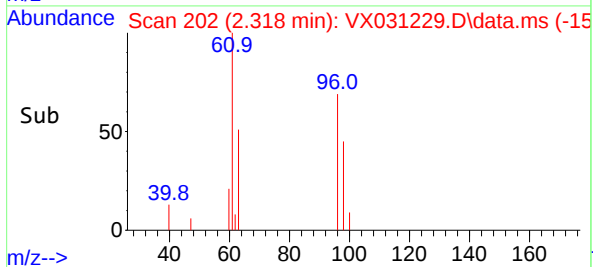
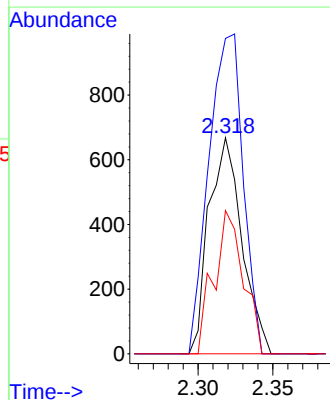
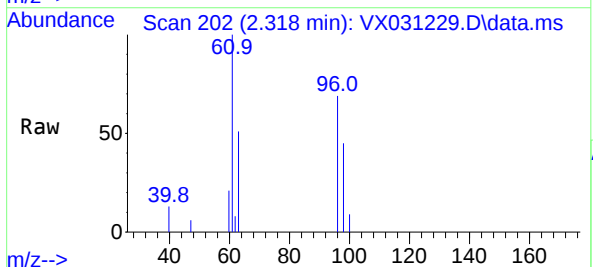
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT17411-20220823RE

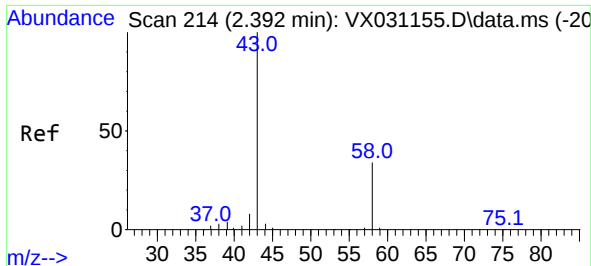
Tgt Ion:168 Resp: 61598  
Ion Ratio Lower Upper  
168 100  
99 66.6 44.0 66.0#



#12  
1,1-Dichloroethene  
Concen: 0.987 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

Tgt Ion: 96 Resp: 1027  
Ion Ratio Lower Upper  
96 100  
61 146.0 117.4 176.0  
98 66.3 52.2 78.4

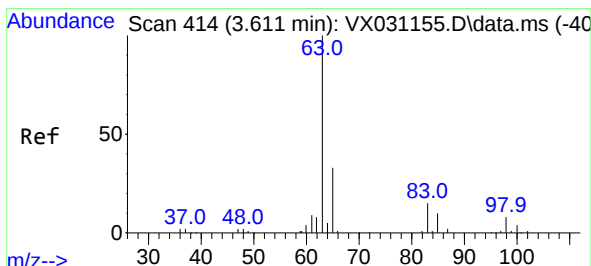
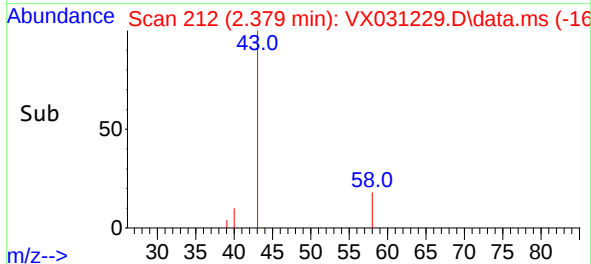
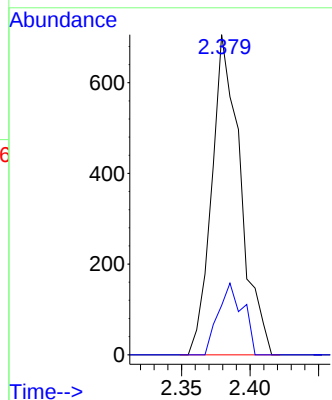
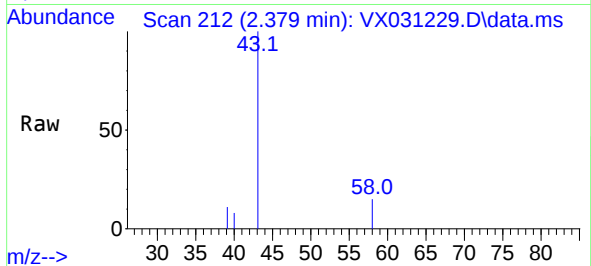




#16  
Acetone  
Concen: 2.032 ug/l  
RT: 2.379 min Scan# 214  
Delta R.T. -0.013 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

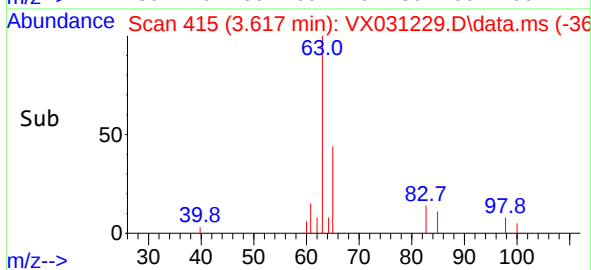
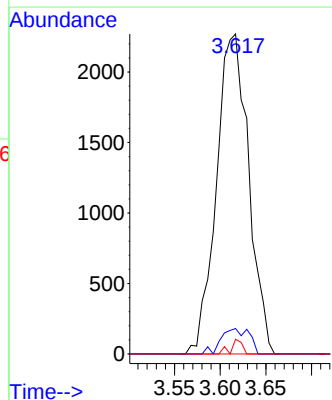
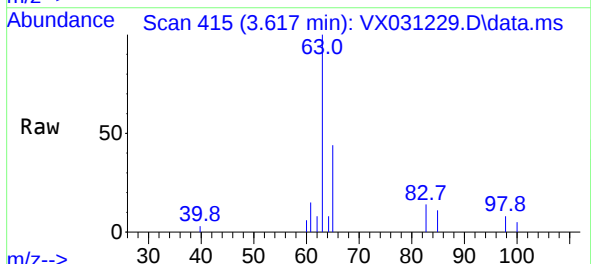
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT17411-20220823RE

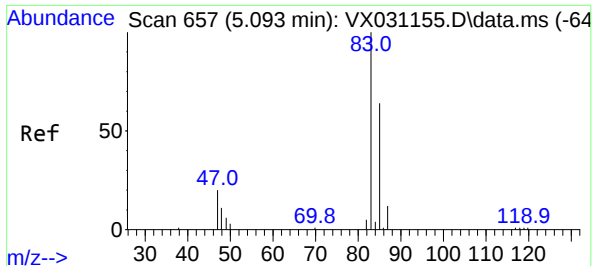
Tgt Ion: 43 Resp: 1026  
Ion Ratio Lower Upper  
43 100  
58 15.4 27.7 41.5#



#24  
1,1-Dichloroethane  
Concen: 2.867 ug/l  
RT: 3.617 min Scan# 415  
Delta R.T. 0.006 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

Tgt Ion: 63 Resp: 5579  
Ion Ratio Lower Upper  
63 100  
98 8.0 3.5 10.5  
100 4.6 2.3 6.9





#30

Chloroform

Concen: 0.238 ug/l

RT: 5.104 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX031229.D

Acq: 08 Sep 2022 22:09

Instrument :

MSVOA\_X

ClientSampleId :

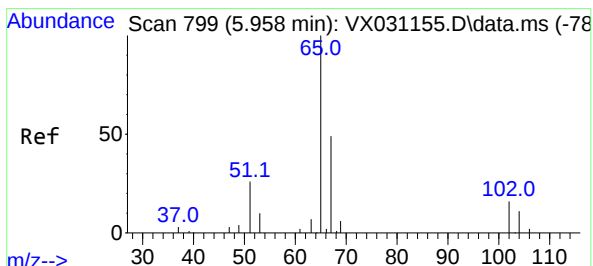
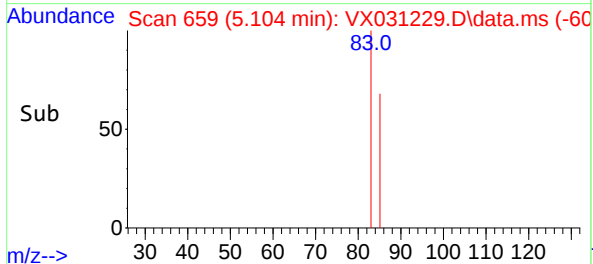
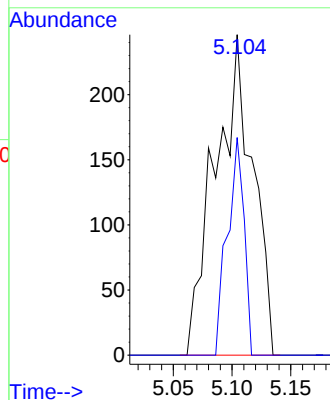
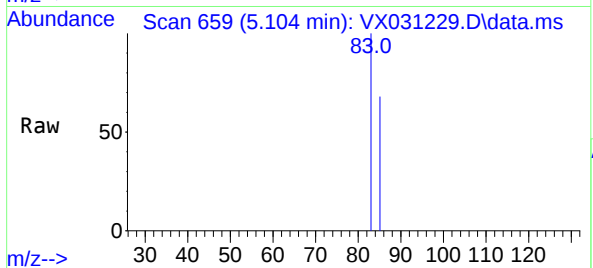
TT17411-20220823RE

Tgt Ion: 83 Resp: 547

Ion Ratio Lower Upper

83 100

85 67.9 51.5 77.3



#33

1,2-Dichloroethane-d4

Concen: 58.822 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031229.D

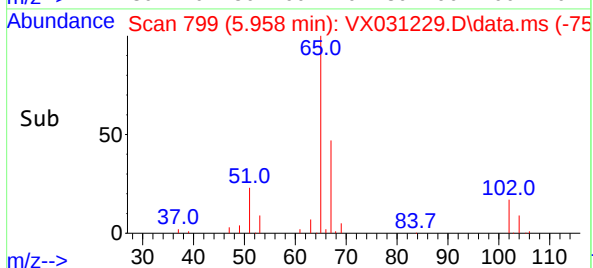
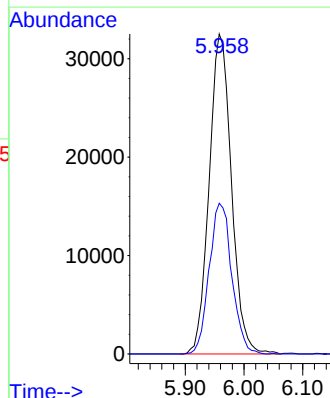
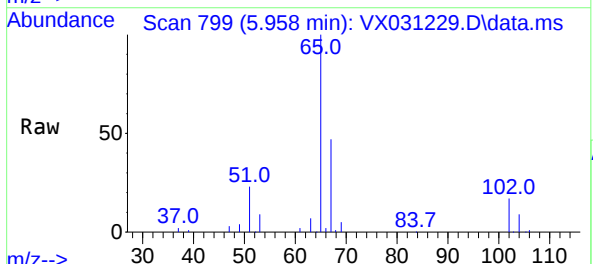
Acq: 08 Sep 2022 22:09

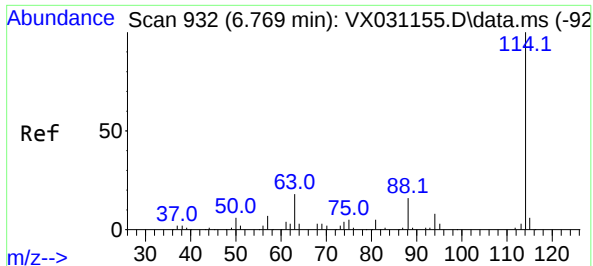
Tgt Ion: 65 Resp: 85784

Ion Ratio Lower Upper

65 100

67 47.8 0.0 109.6

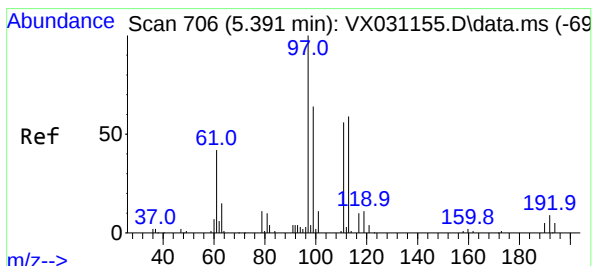
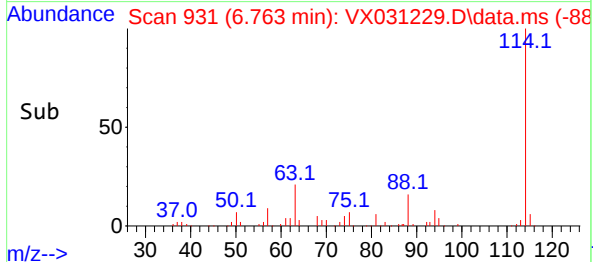
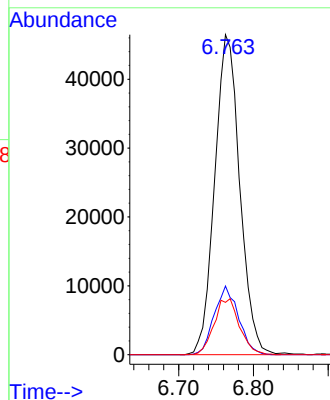
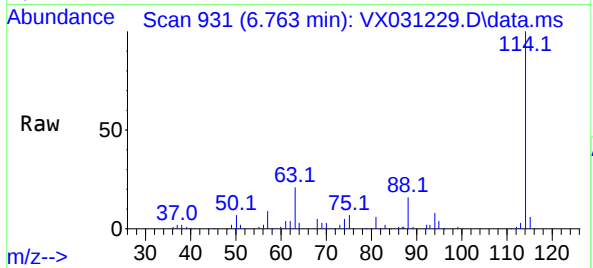




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.007 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

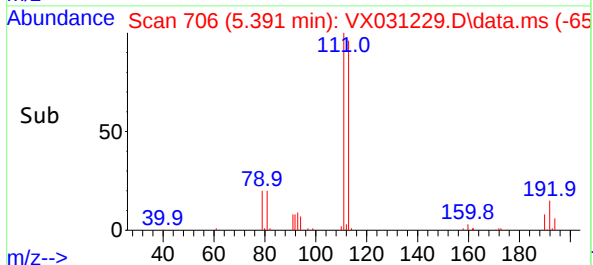
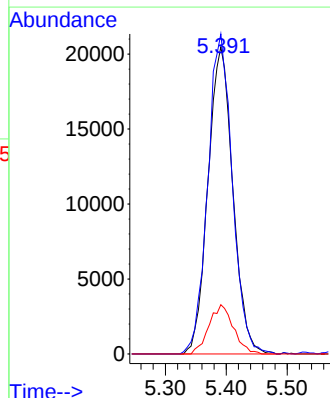
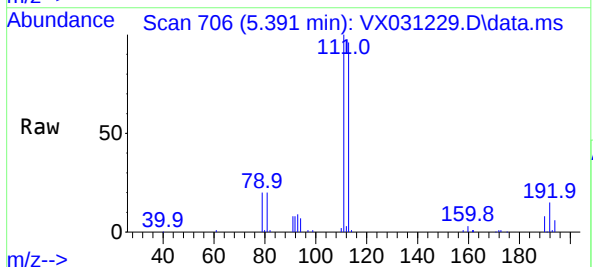
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT17411-20220823RE

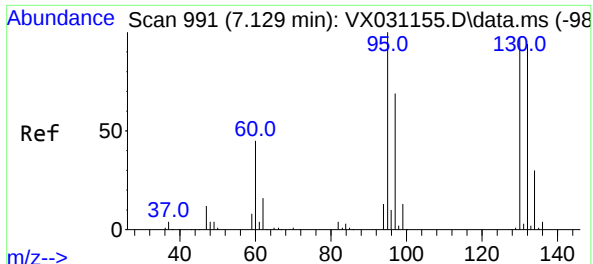
Tgt Ion:114 Resp: 108385  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 38.4  
88 16.4 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 49.201 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

Tgt Ion:113 Resp: 58111  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.2 124.8  
192 15.8 14.8 22.2

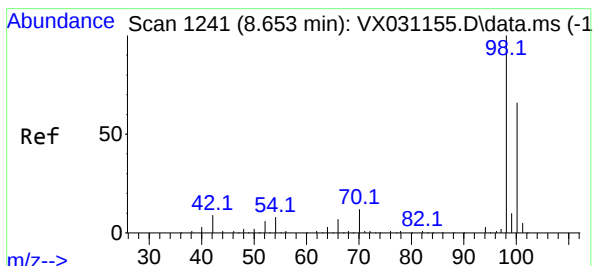
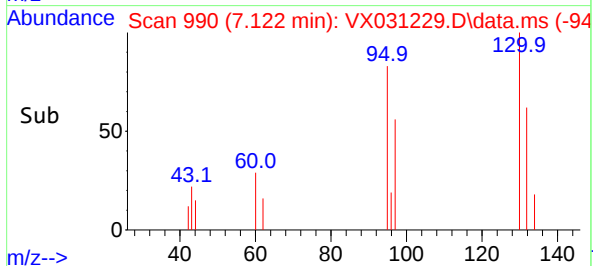
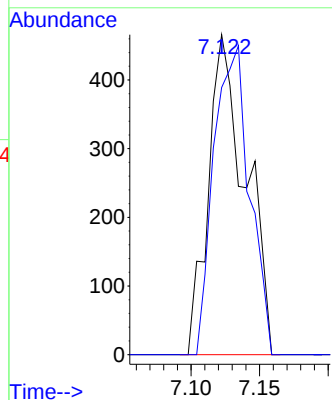
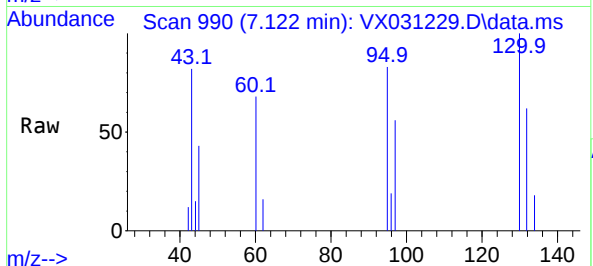




#44  
Trichloroethene  
Concen: 0.652 ug/l  
RT: 7.122 min Scan# 991  
Delta R.T. -0.007 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

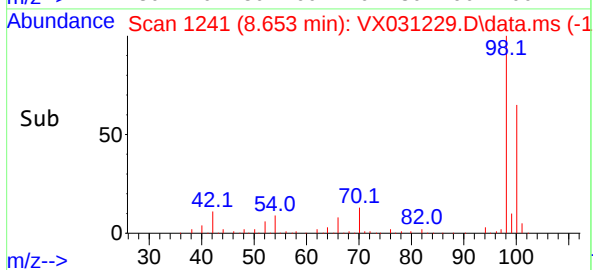
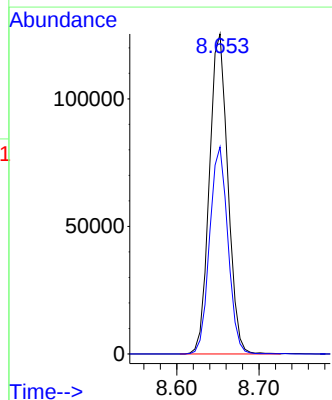
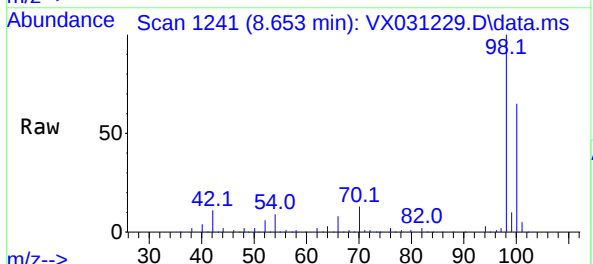
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT17411-20220823RE

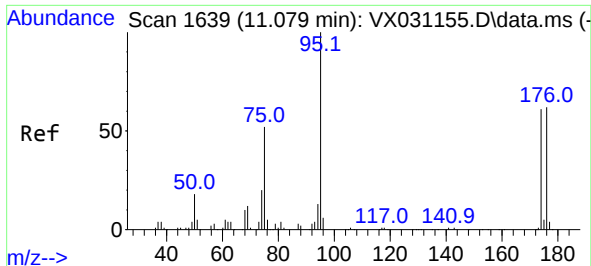
Tgt Ion:130 Resp: 880  
Ion Ratio Lower Upper  
130 100  
95 83.5 0.0 194.8



#50  
Toluene-d8  
Concen: 45.643 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

Tgt Ion: 98 Resp: 195862  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.3 78.5

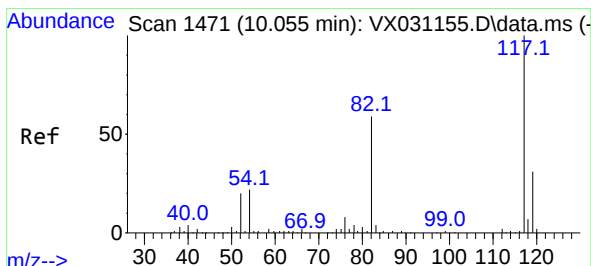
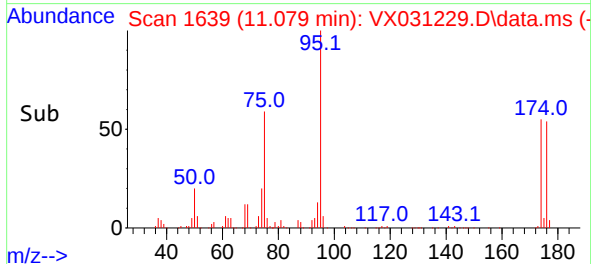
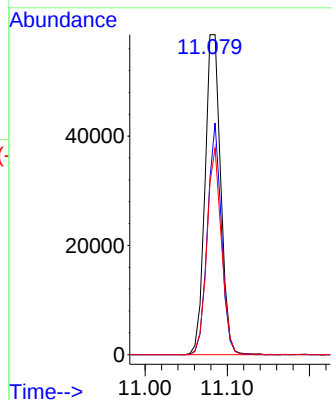
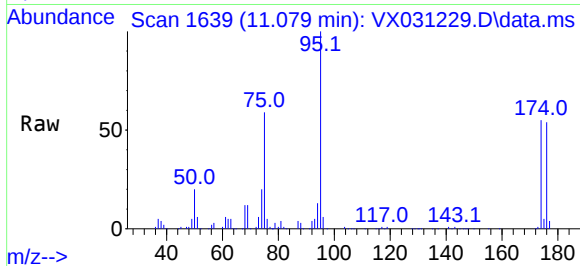




#62  
4-Bromofluorobenzene  
Concen: 49.284 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

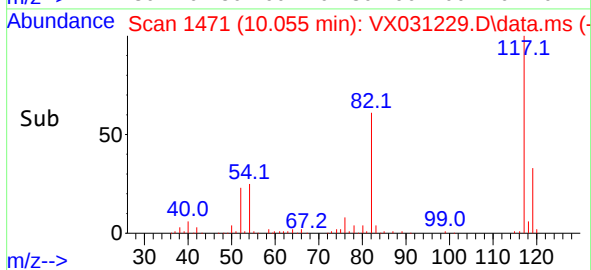
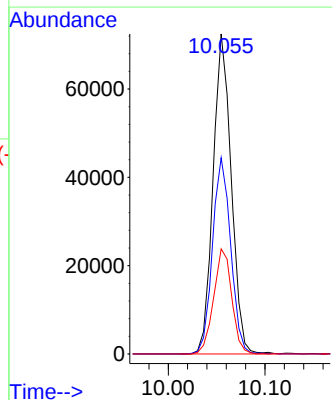
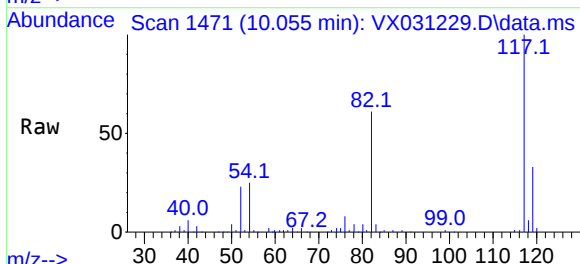
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT17411-20220823RE

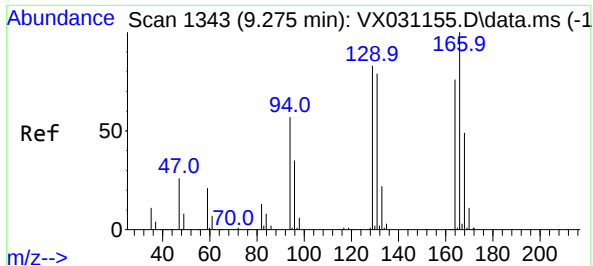
Tgt Ion: 95 Resp: 77504  
Ion Ratio Lower Upper  
95 100  
174 64.2 0.0 149.0  
176 60.3 0.0 146.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

Tgt Ion: 117 Resp: 94445  
Ion Ratio Lower Upper  
117 100  
82 61.3 42.7 64.1  
119 32.8 25.4 38.2



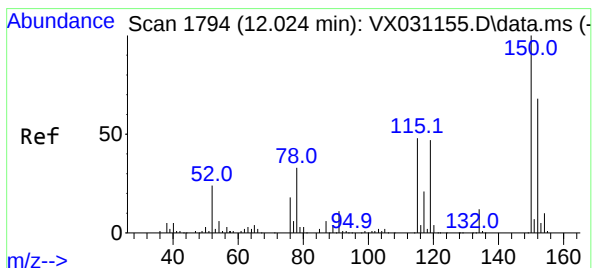
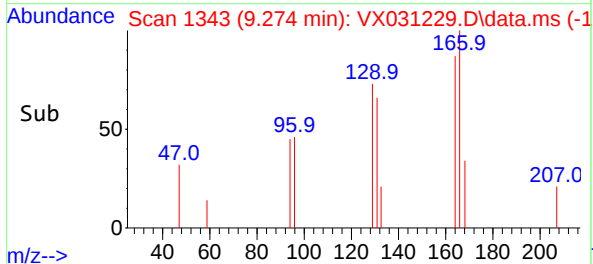
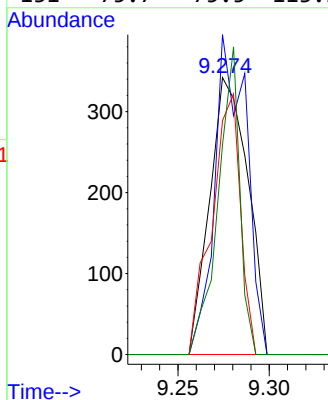
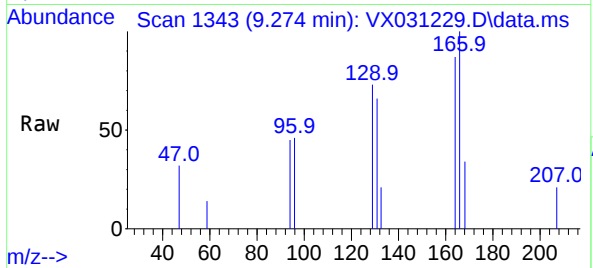


#64  
Tetrachloroethene  
Concen: 0.507 ug/l  
RT: 9.274 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT17411-20220823RE

Tgt Ion:164 Resp: 498

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 115.5 | 98.2  | 147.4 |
| 129 | 84.5  | 80.8  | 121.2 |
| 131 | 75.7  | 75.5  | 113.3 |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX031229.D  
Acq: 08 Sep 2022 22:09

Tgt Ion:152 Resp: 40502

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 70.5  | 40.5  | 121.5 |
| 150 | 160.3 | 0.0   | 347.0 |

