

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083121\  
 Data File : VX024037.D  
 Acq On : 31 Aug 2021 12:27  
 Operator : JC/MD  
 Sample : M3577-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FIELD-BLANK

Quant Time: Sep 01 05:00:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

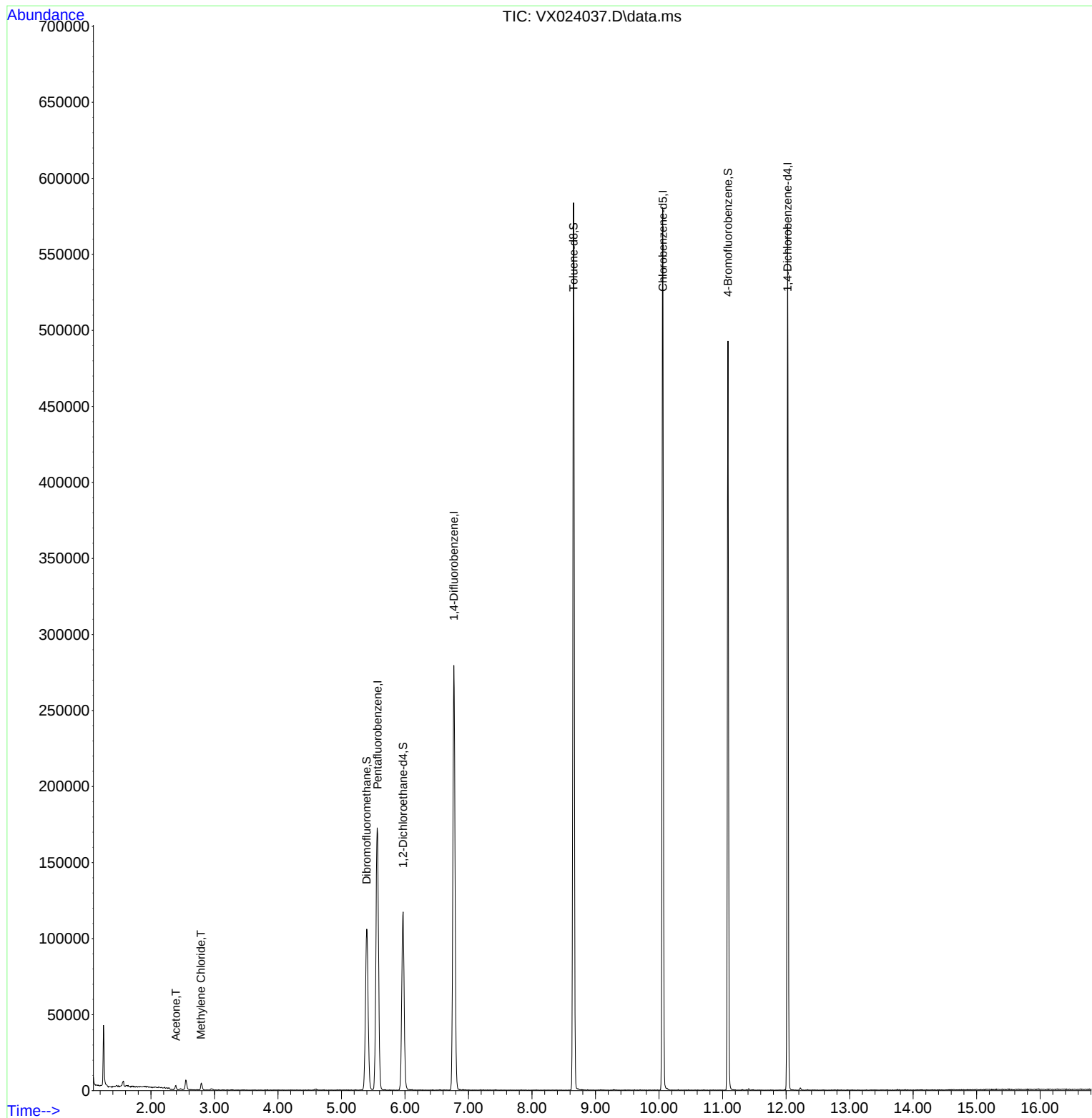
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.568  | 168   | 161021   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 273786   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.061 | 117   | 254997   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 110598   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65    | 116851   | 51.995   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 104.000% |          |
| 35) Dibromofluoromethane    | 5.397  | 113   | 92124    | 50.838   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.680% |          |
| 50) Toluene-d8              | 8.653  | 98    | 336260   | 48.754   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 97.500%  |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 123273   | 48.552   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 97.100%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.392  | 43    | 2427     | 2.415    | ug/l       | 98       |
| 20) Methylene Chloride      | 2.788  | 84    | 1875     | 0.977    | ug/l #     | 91       |
| -----                       |        |       |          |          |            |          |

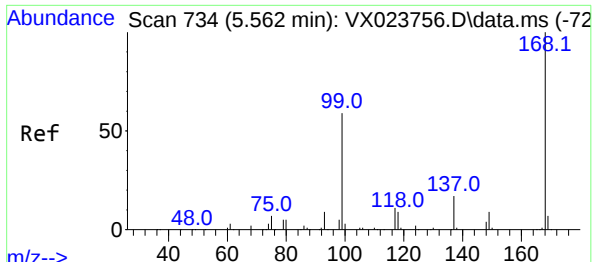
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083121\  
Data File : VX024037.D  
Acq On : 31 Aug 2021 12:27  
Operator : JC/MD  
Sample : M3577-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FIELD-BLANK

Quant Time: Sep 01 05:00:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

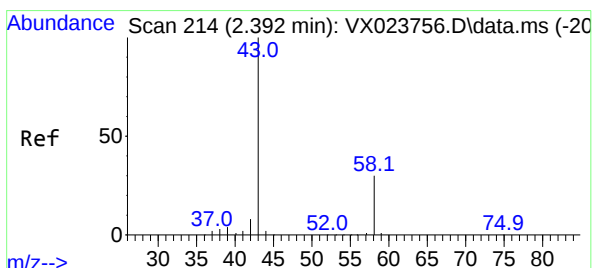
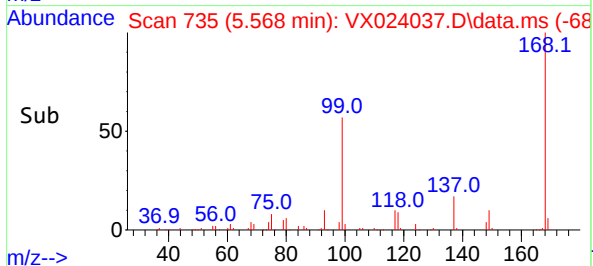
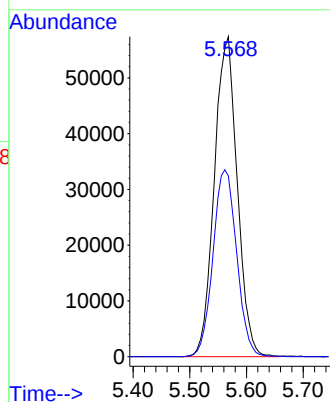
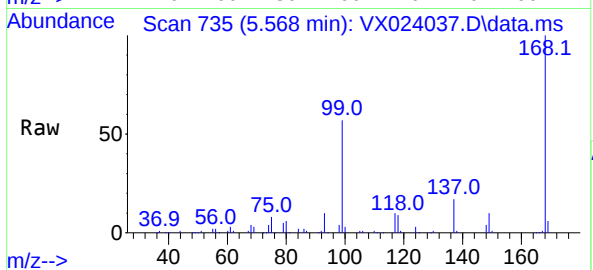




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 735  
Delta R.T. 0.006 min  
Lab File: VX024037.D  
Acq: 31 Aug 2021 12:27

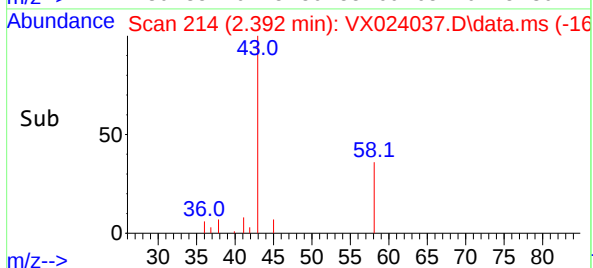
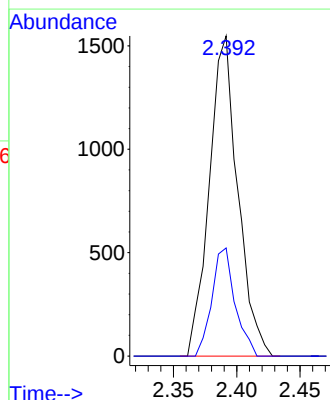
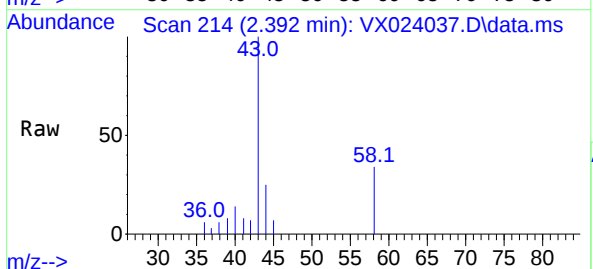
Instrument :  
MSVOA\_X  
ClientSampleId :  
FIELD-BLANK

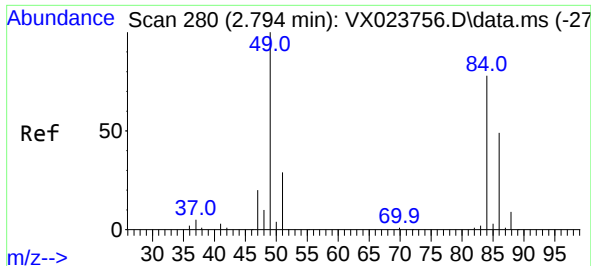
Tgt Ion:168 Resp: 161021  
Ion Ratio Lower Upper  
168 100  
99 56.5 45.8 68.6



#16  
Acetone  
Concen: 2.415 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX024037.D  
Acq: 31 Aug 2021 12:27

Tgt Ion: 43 Resp: 2427  
Ion Ratio Lower Upper  
43 100  
58 33.8 27.8 41.8



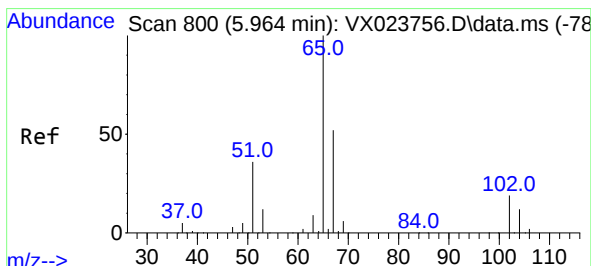
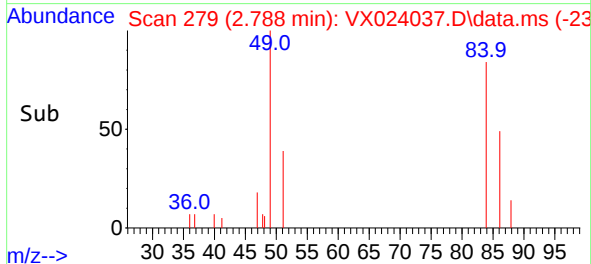
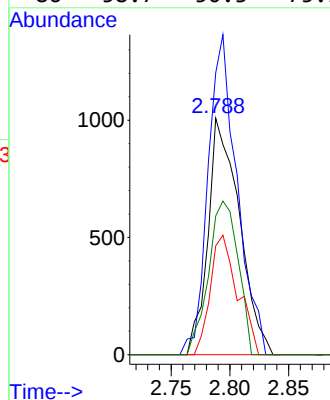
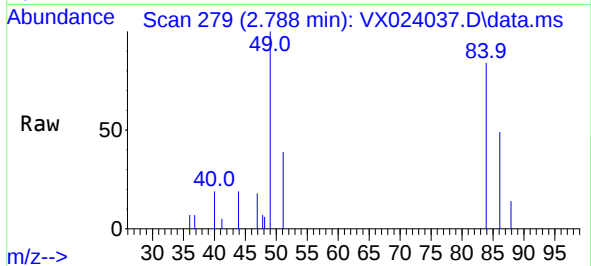


#20  
Methylene Chloride  
Concen: 0.977 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX024037.D  
Acq: 31 Aug 2021 12:27

Instrument :  
MSVOA\_X  
ClientSampled :  
FIELD-BLANK

Tgt Ion: 84 Resp: 1875

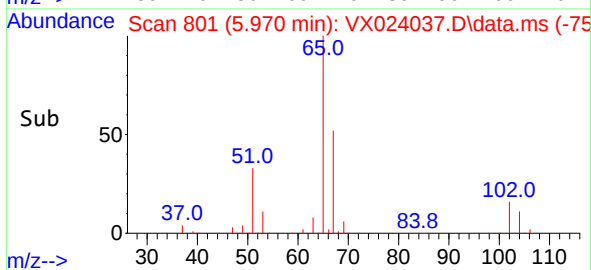
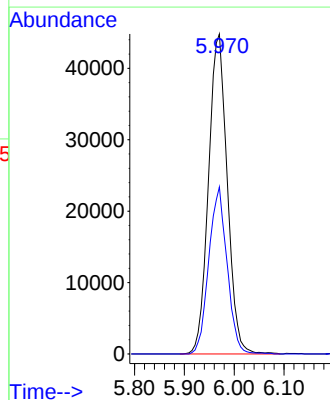
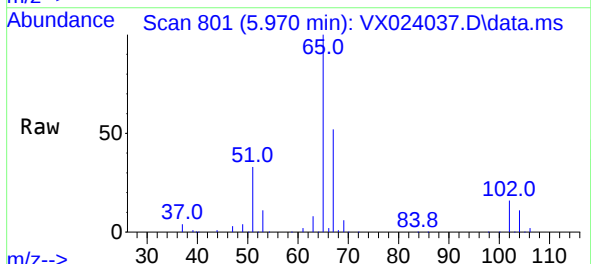
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 119.1 | 88.6  | 132.8 |
| 51  | 46.0  | 27.0  | 40.6# |
| 86  | 58.7  | 50.3  | 75.5  |

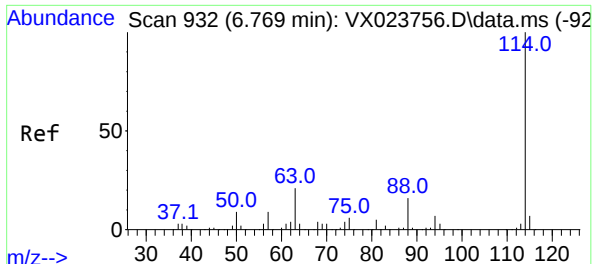


#33  
1,2-Dichloroethane-d4  
Concen: 51.995 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VX024037.D  
Acq: 31 Aug 2021 12:27

Tgt Ion: 65 Resp: 116851

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.0  | 0.0   | 105.4 |

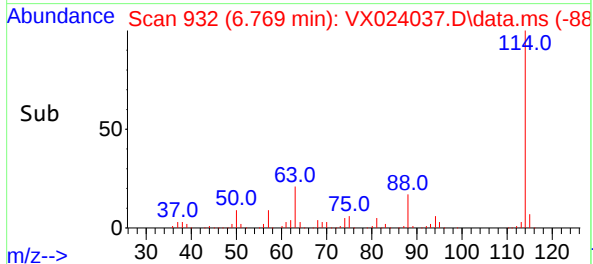
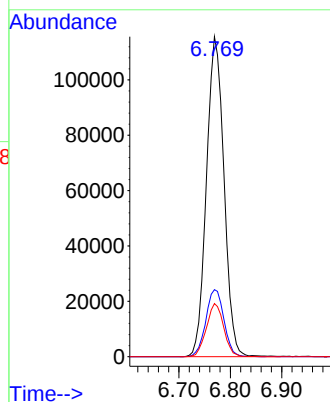
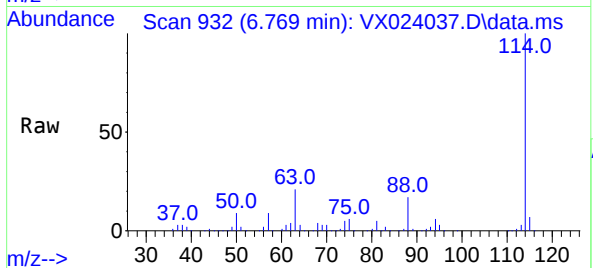




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX024037.D  
Acq: 31 Aug 2021 12:27

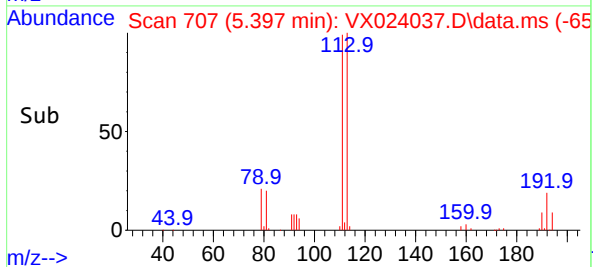
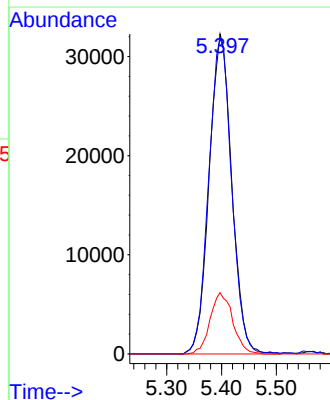
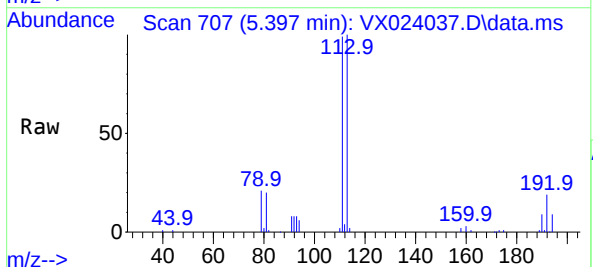
Instrument :  
MSVOA\_X  
ClientSampleId :  
FIELD-BLANK

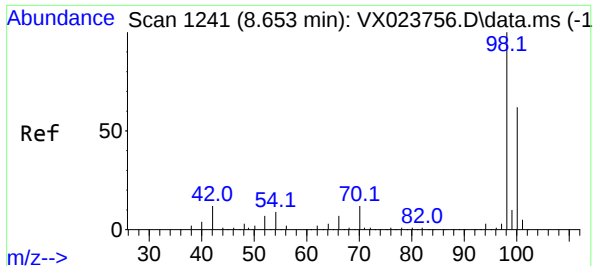
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 273786 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 20.9  | 0.0   | 40.8   |
| 88       | 16.6  | 0.0   | 32.8   |



#35  
Dibromofluoromethane  
Concen: 50.838 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024037.D  
Acq: 31 Aug 2021 12:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 92124 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 100.4 | 81.9  | 122.9 |
| 192      | 19.2  | 16.7  | 25.1  |





#50

Toluene-d8

Concen: 48.754 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024037.D

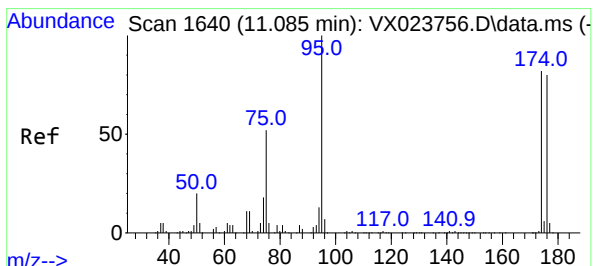
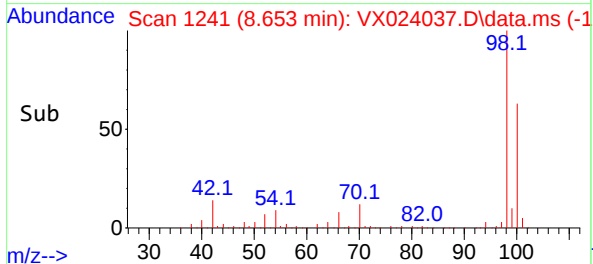
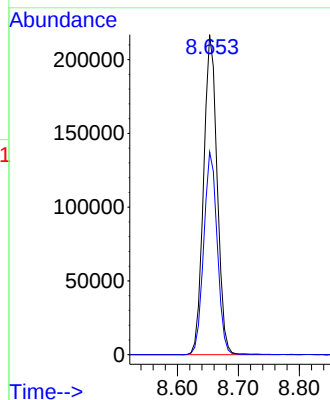
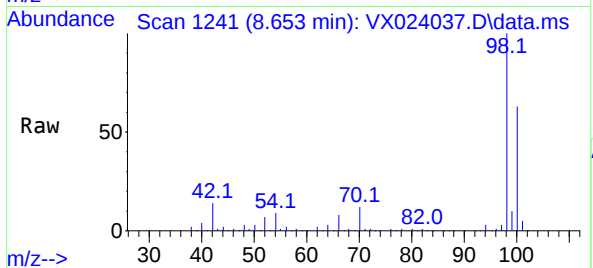
Acq: 31 Aug 2021 12:27

Tgt Ion: 98 Resp: 336260

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 48.552 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024037.D

Acq: 31 Aug 2021 12:27

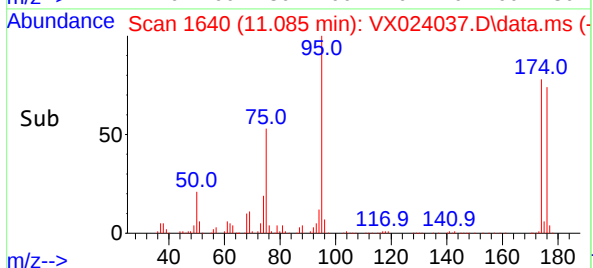
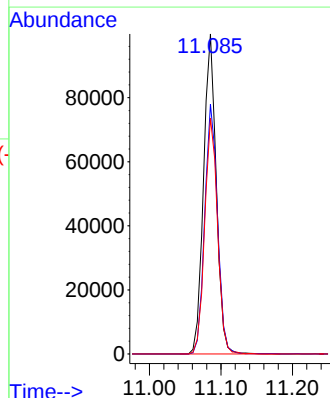
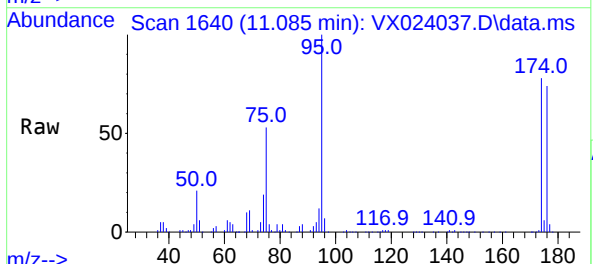
Tgt Ion: 95 Resp: 123273

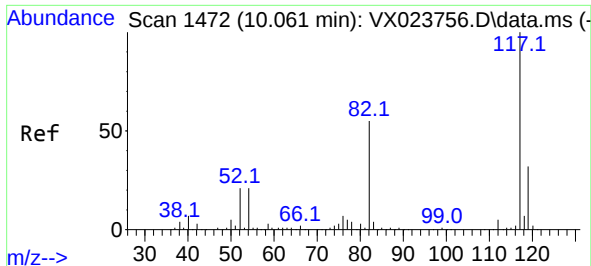
Ion Ratio Lower Upper

95 100

174 78.8 0.0 154.6

176 74.5 0.0 155.8

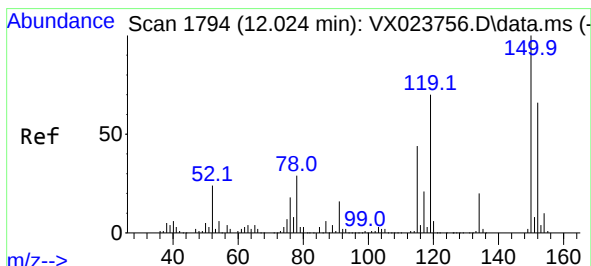
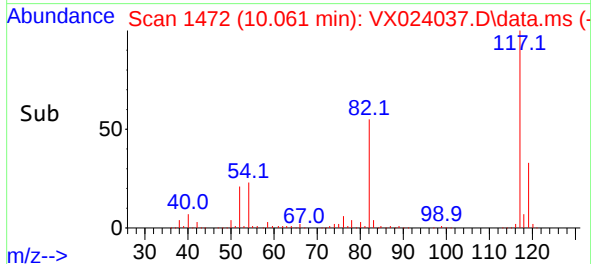
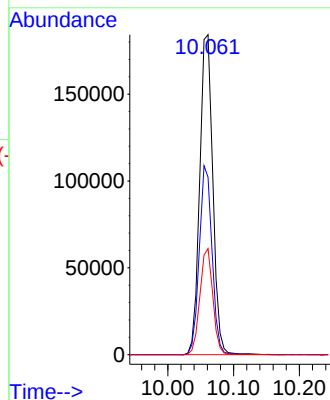
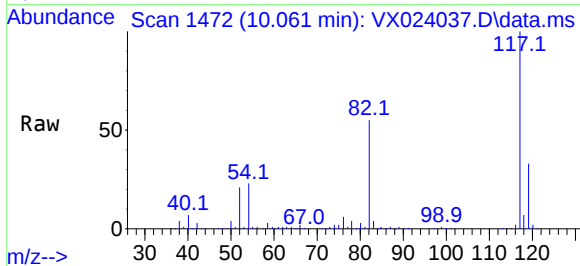




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VX024037.D  
Acq: 31 Aug 2021 12:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
FIELD-BLANK

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 254997 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 55.4  | 47.4  | 71.2   |
| 119      | 33.2  | 26.6  | 39.8   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX024037.D  
Acq: 31 Aug 2021 12:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 110598 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 60.3  | 41.1  | 123.3  |
| 150      | 156.9 | 0.0   | 349.0  |

