

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092121\  
 Data File : VX024386.D  
 Acq On : 21 Sep 2021 15:14  
 Operator : JC/MD  
 Sample : M3782-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE132D5-20210914

Quant Time: Sep 21 15:45:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 21 10:52:48 2021  
 Response via : Initial Calibration

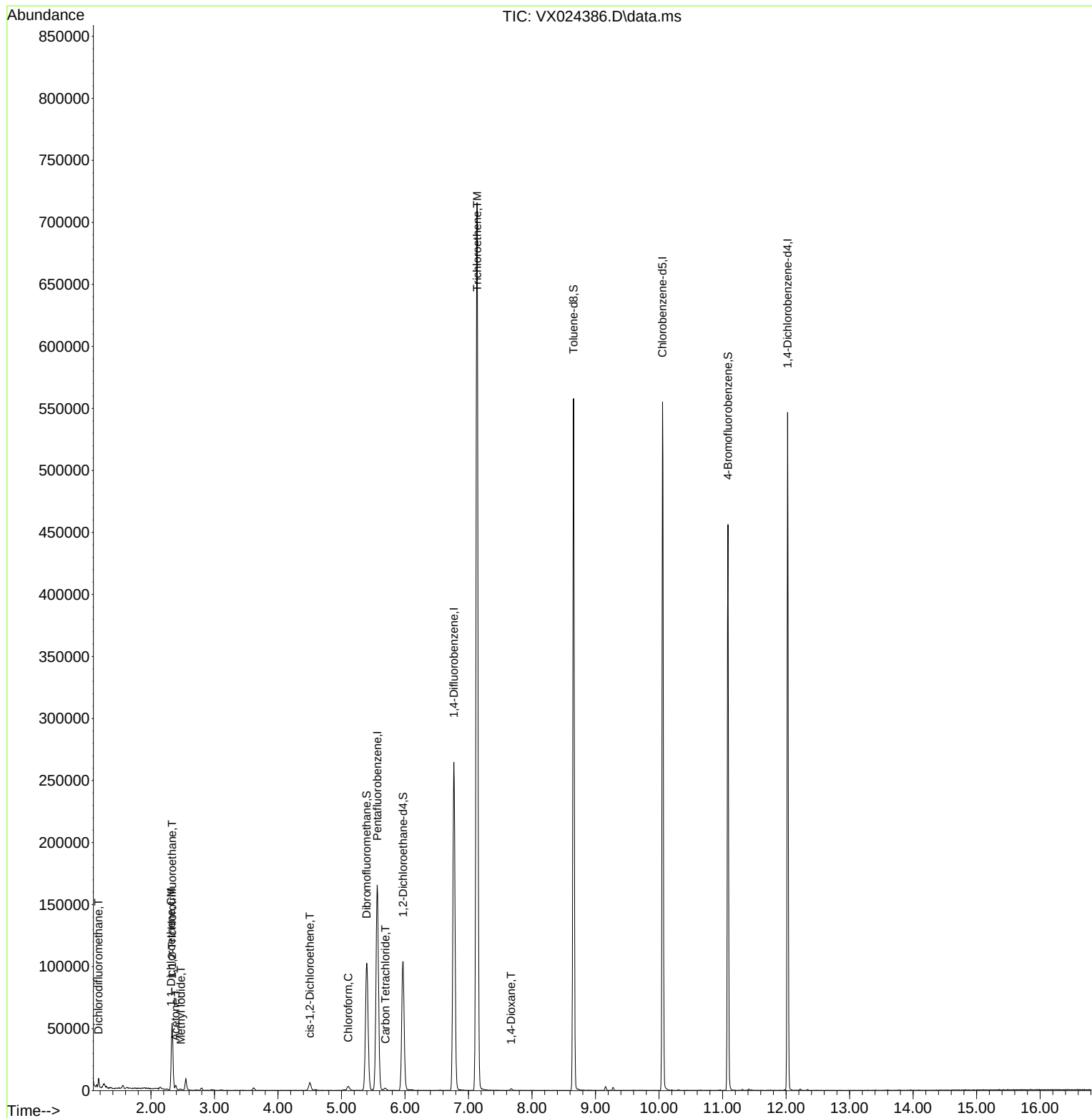
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.562  | 168   | 151881   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 267330   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 244527   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 108927   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.970  | 65    | 108029   | 49.880   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 99.760%  |
| 35) Dibromofluoromethane     | 5.397  | 113   | 89772    | 50.073   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 100.140% |
| 50) Toluene-d8               | 8.653  | 98    | 318457   | 48.759   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 97.520%  |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 114211   | 44.935   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 89.860%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 2498     | 1.711    | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 17674    | 11.820   | ug/l   | 95       |
| 10) Methyl Iodide            | 2.471  | 142   | 1245     | 0.602    | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 3551     | 2.536    | ug/l   | 85       |
| 16) Acetone                  | 2.386  | 43    | 3608     | 3.907    | ug/l   | 89       |
| 27) cis-1,2-Dichloroethene   | 4.501  | 96    | 3947     | 2.229    | ug/l   | 90       |
| 30) Chloroform               | 5.105  | 83    | 3921     | 1.257    | ug/l   | 86       |
| 38) Carbon Tetrachloride     | 5.690  | 117   | 1508     | 0.545    | ug/l   | 92       |
| 44) Trichloroethene          | 7.135  | 130   | 268074   | 135.346  | ug/l   | 99       |
| 49) 1,4-Dioxane              | 7.671  | 88    | 1076     | 22.592   | ug/l   | 91       |
| -----                        |        |       |          |          |        |          |

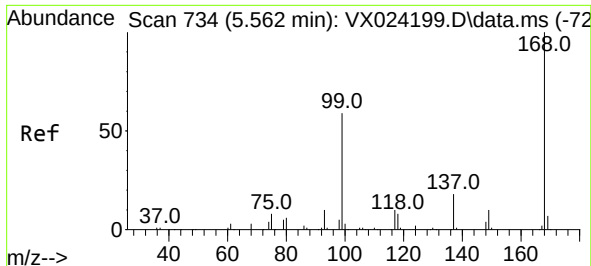
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092121\  
Data File : VX024386.D  
Acq On : 21 Sep 2021 15:14  
Operator : JC/MD  
Sample : M3782-08  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D5-20210914

Quant Time: Sep 21 15:45:43 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 21 10:52:48 2021  
Response via : Initial Calibration

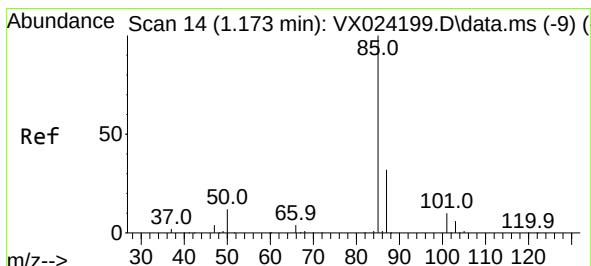
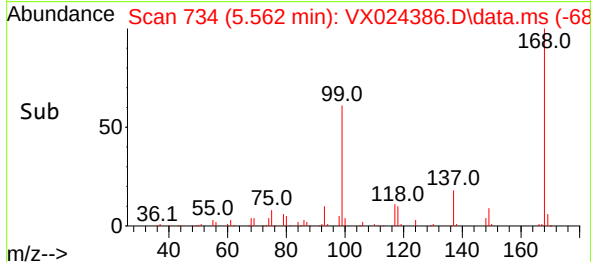
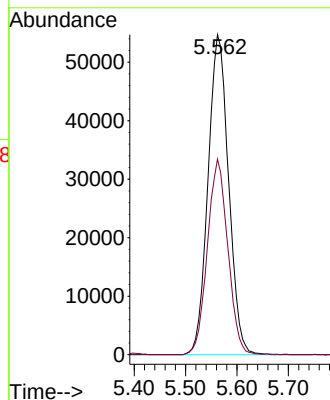
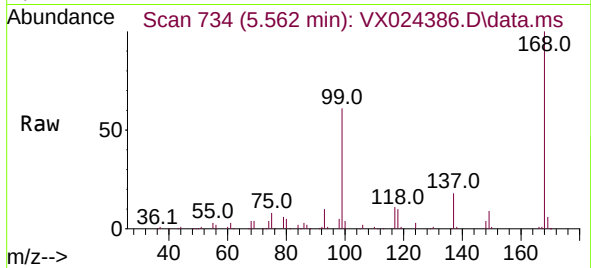




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

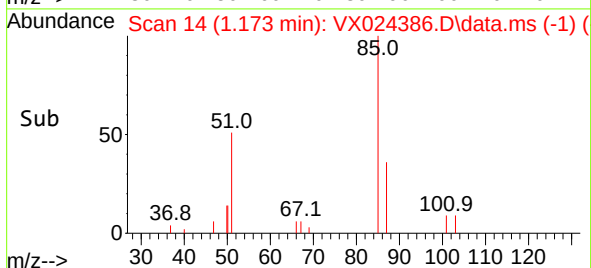
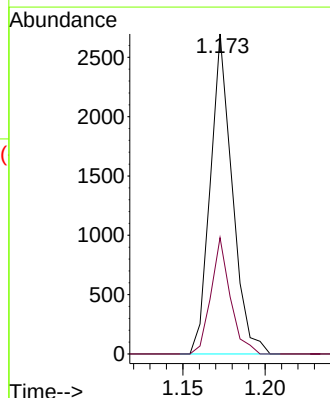
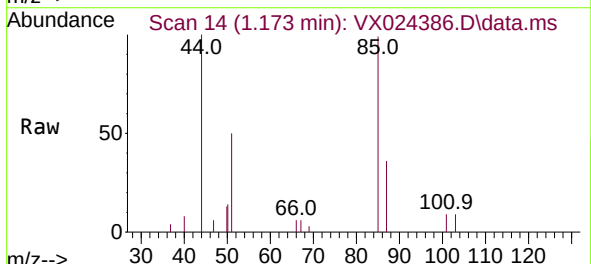
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D5-20210914

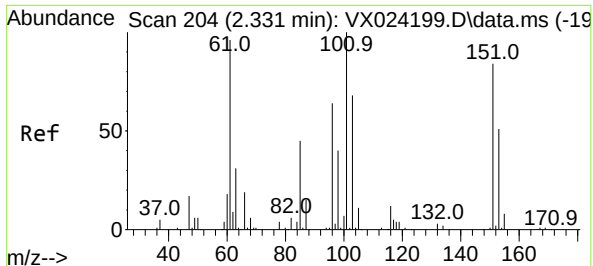
Tgt Ion:168 Resp: 151881  
Ion Ratio Lower Upper  
168 100  
99 61.1 45.8 68.6



#2  
Dichlorodifluoromethane  
Concen: 1.711 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

Tgt Ion: 85 Resp: 2498  
Ion Ratio Lower Upper  
85 100  
87 36.4 16.4 49.2

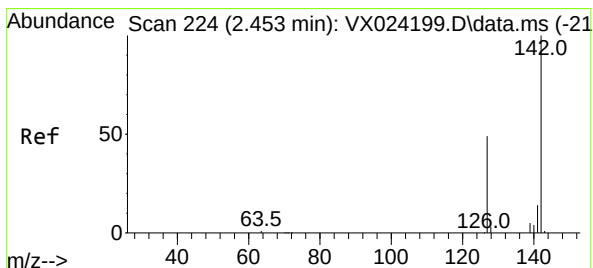
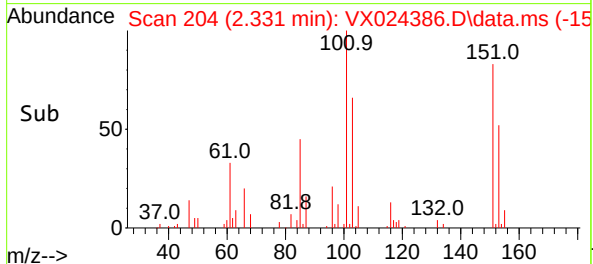
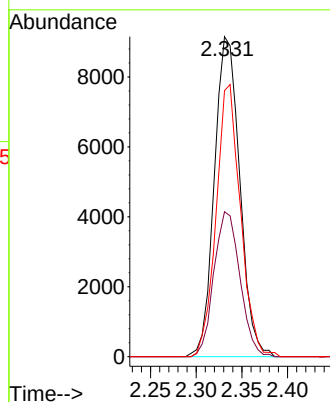
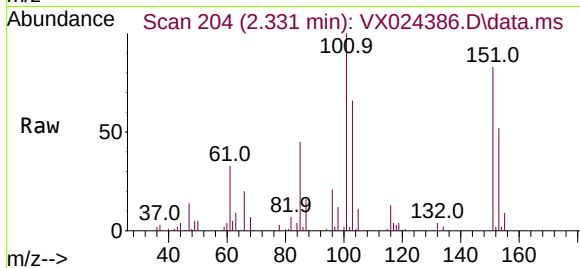




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 11.820 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

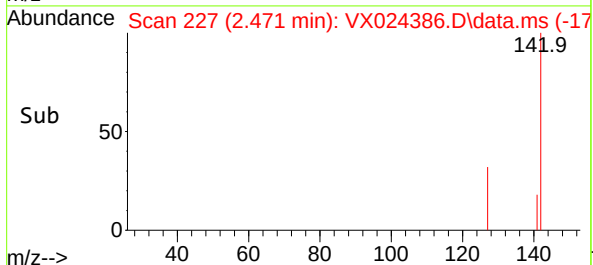
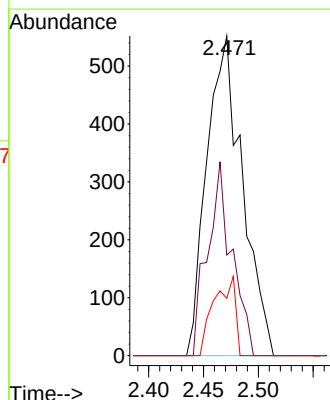
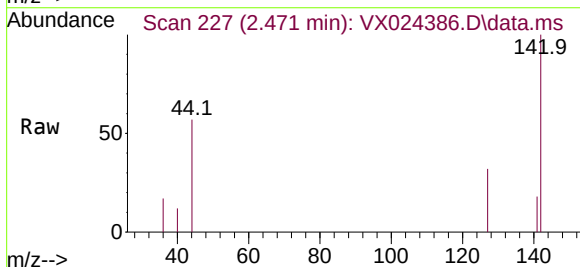
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D5-20210914

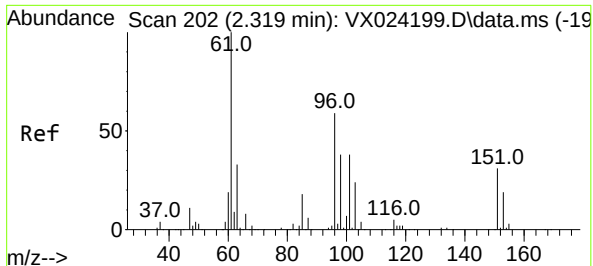
Tgt Ion:101 Resp: 17674  
Ion Ratio Lower Upper  
101 100  
85 46.4 34.9 52.3  
151 81.7 61.4 92.2



#10  
Methyl Iodide  
Concen: 0.602 ug/l  
RT: 2.471 min Scan# 227  
Delta R.T. 0.018 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

Tgt Ion:142 Resp: 1245  
Ion Ratio Lower Upper  
142 100  
127 41.4 33.3 49.9  
141 14.9 11.4 17.0





#12

1,1-Dichloroethene

Concen: 2.536 ug/l

RT: 2.319 min Scan# 202

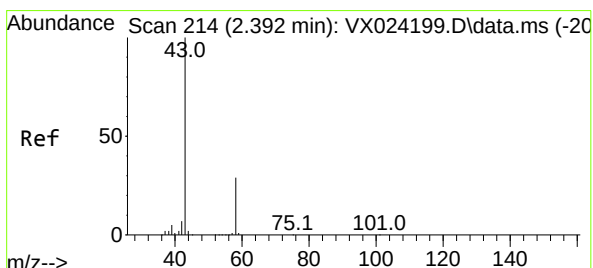
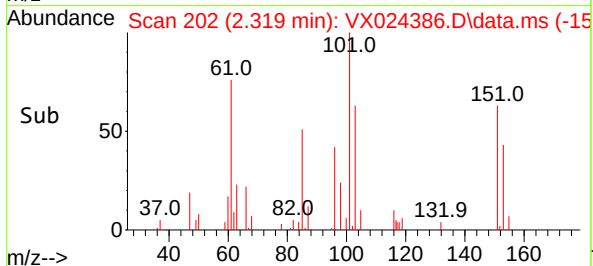
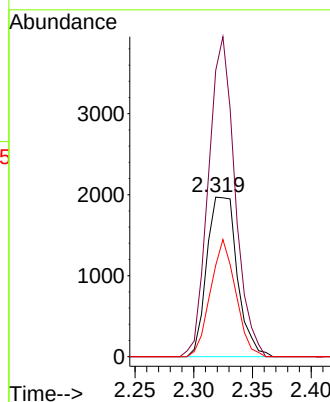
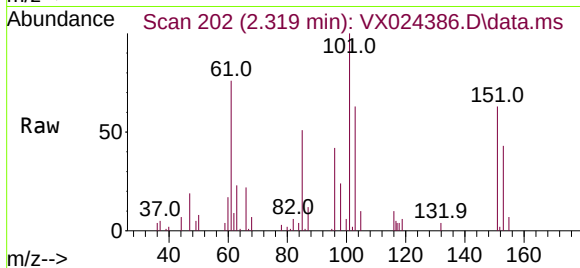
Delta R.T. -0.000 min

Lab File: VX024386.D

Acq: 21 Sep 2021 15:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 3551  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 179.5 | 124.6 | 187.0 |
| 98       | 57.2  | 50.6  | 76.0  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D5-20210914



#16

Acetone

Concen: 3.907 ug/l

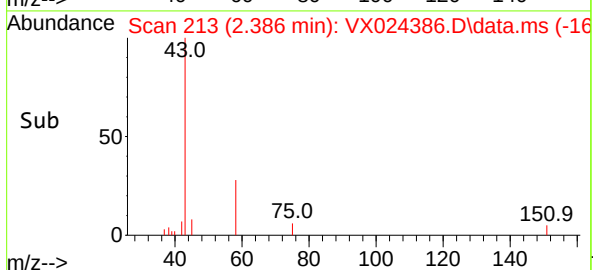
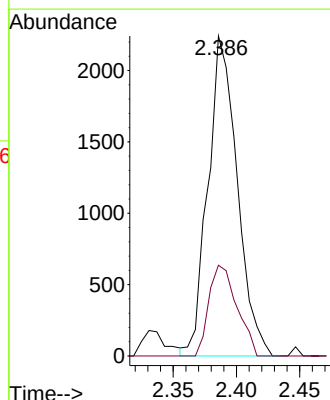
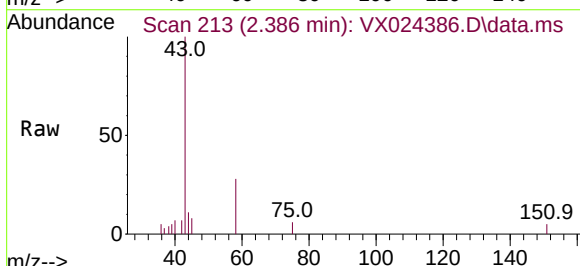
RT: 2.386 min Scan# 213

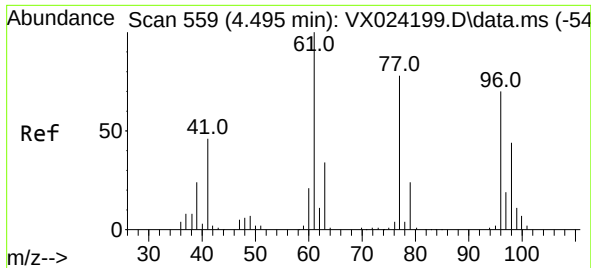
Delta R.T. -0.006 min

Lab File: VX024386.D

Acq: 21 Sep 2021 15:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3608  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.4  | 27.8  | 41.8  |

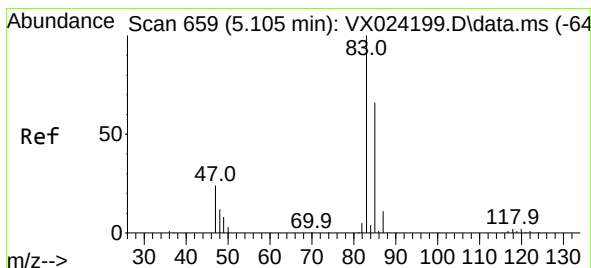
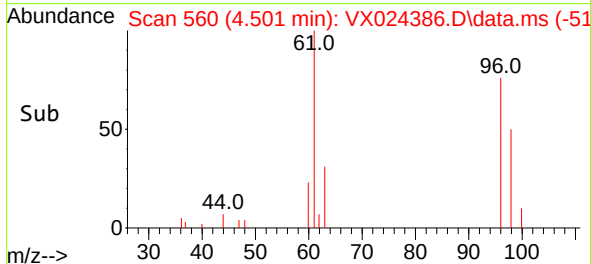
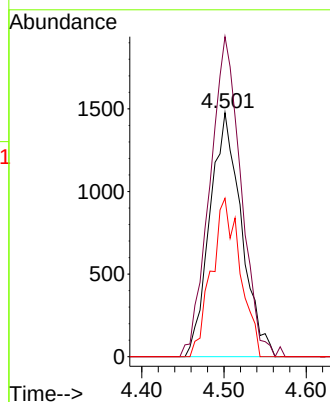
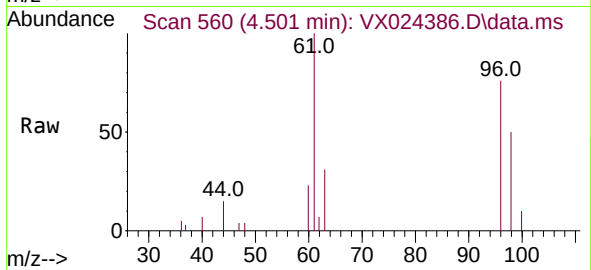




#27  
cis-1,2-Dichloroethene  
Concen: 2.229 ug/l  
RT: 4.501 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

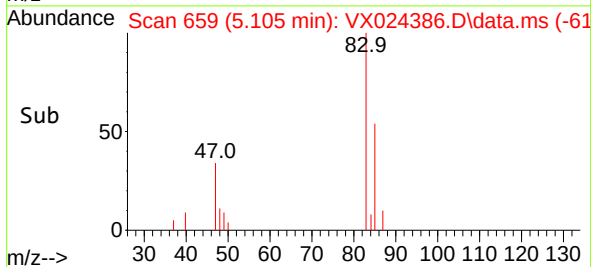
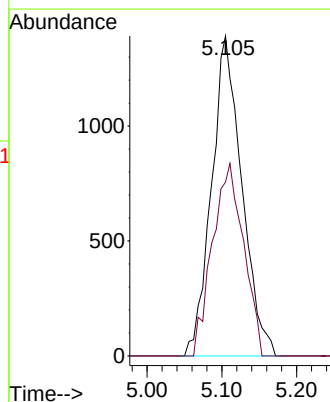
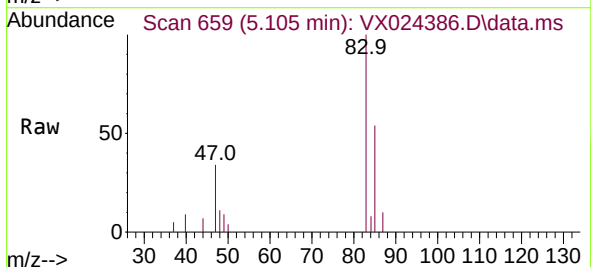
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D5-20210914

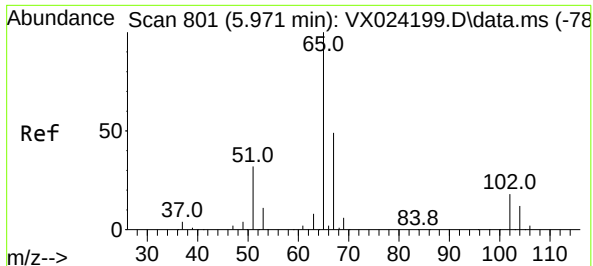
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 3947  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 129.8    | 0.0 285.6   |
| 98 59.0     | 0.0 129.6   |



#30  
Chloroform  
Concen: 1.257 ug/l  
RT: 5.105 min Scan# 659  
Delta R.T. -0.000 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 3921  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 54.3     | 52.0 78.0   |

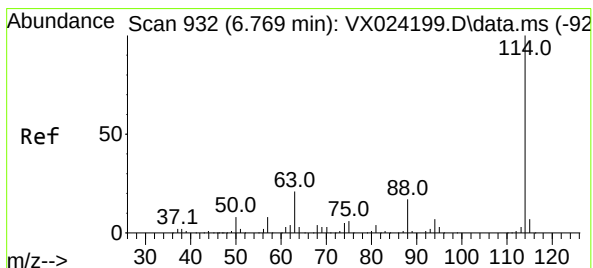
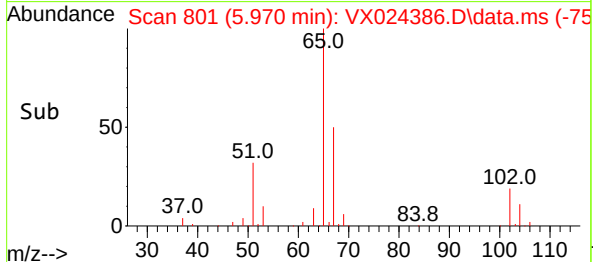
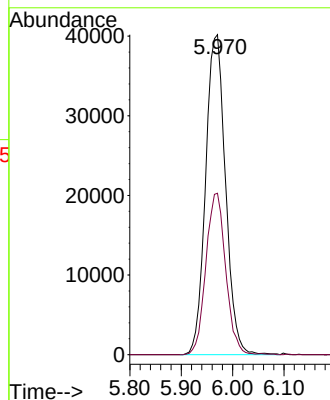
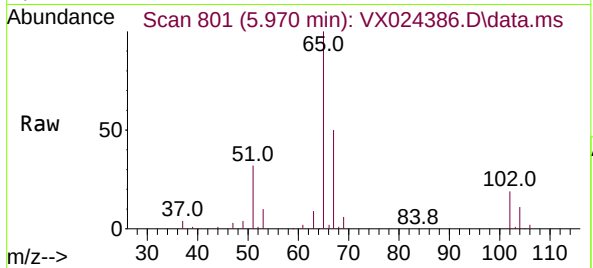




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.880 ug/l  
 RT: 5.970 min Scan# 801  
 Delta R.T. -0.001 min  
 Lab File: VX024386.D  
 Acq: 21 Sep 2021 15:14

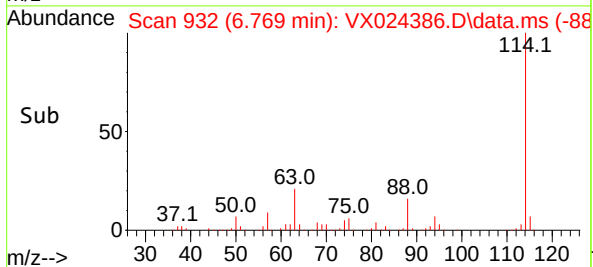
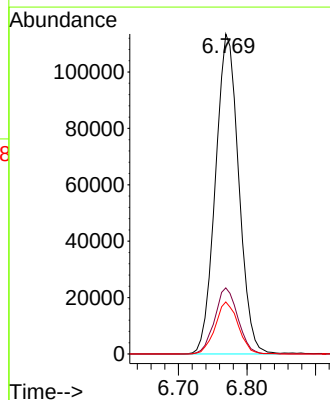
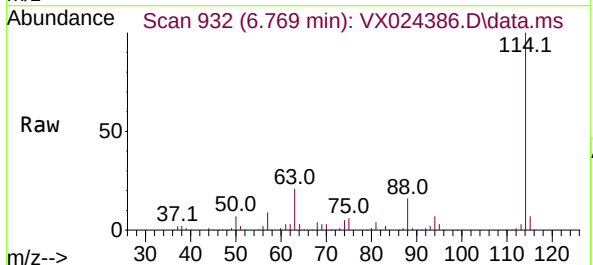
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE132D5-20210914

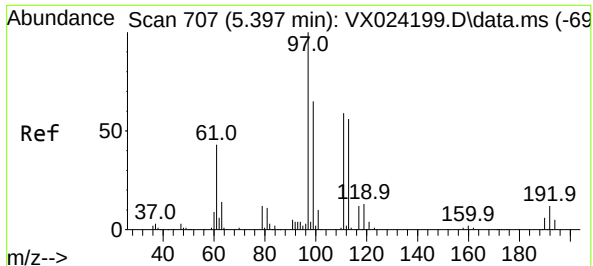
Tgt Ion: 65 Resp: 108029  
 Ion Ratio Lower Upper  
 65 100  
 67 50.2 0.0 105.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX024386.D  
 Acq: 21 Sep 2021 15:14

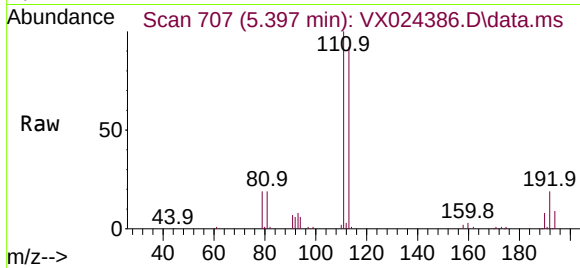
Tgt Ion: 114 Resp: 267330  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 0.0 40.8  
 88 16.2 0.0 32.8



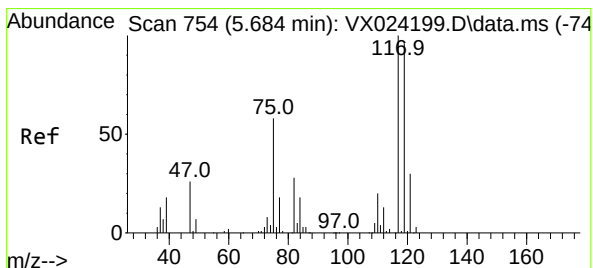
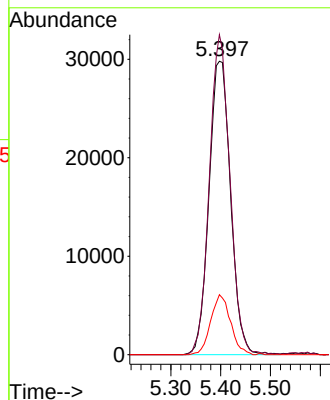
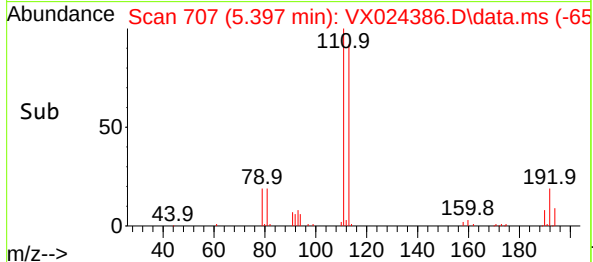


#35  
Dibromofluoromethane  
Concen: 50.073 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

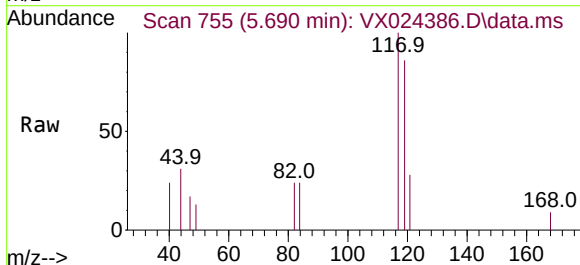
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D5-20210914



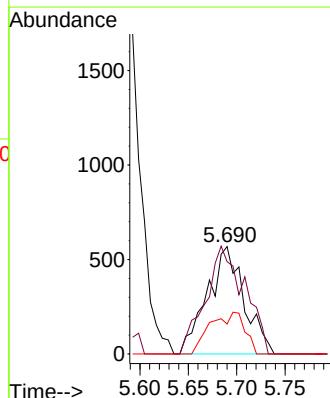
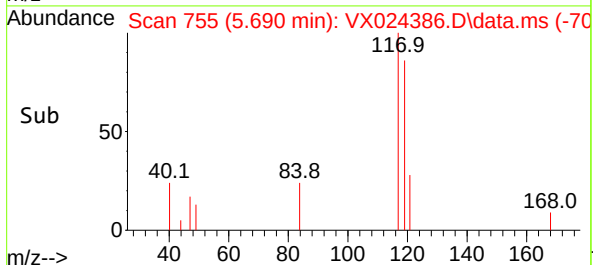
Tgt Ion:113 Resp: 89772  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.9 122.9  
192 18.7 16.7 25.1



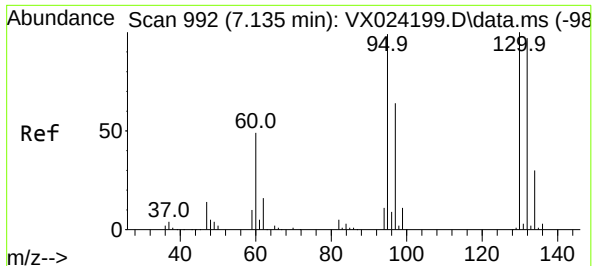
#38  
Carbon Tetrachloride  
Concen: 0.545 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14



Tgt Ion:117 Resp: 1508  
Ion Ratio Lower Upper  
117 100  
119 86.1 76.2 114.2  
121 27.8 24.8 37.2



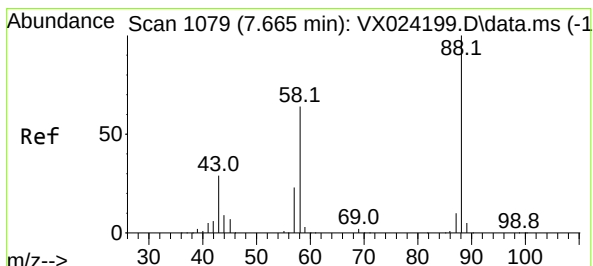
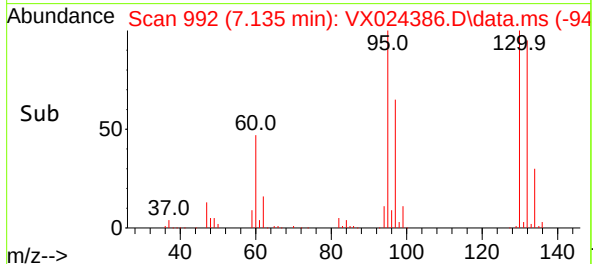
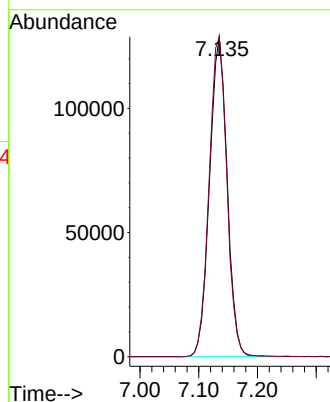
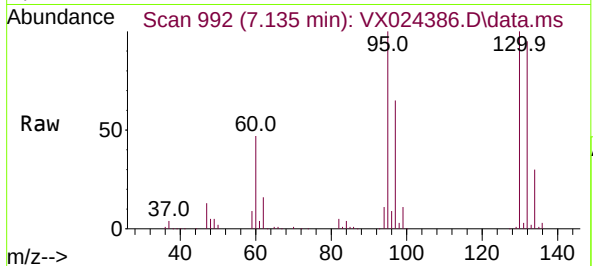




#44  
Trichloroethene  
Concen: 135.346 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

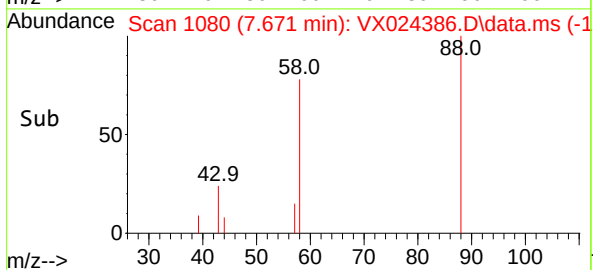
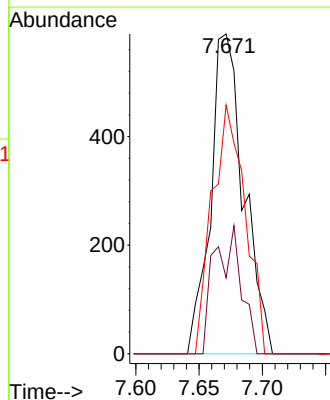
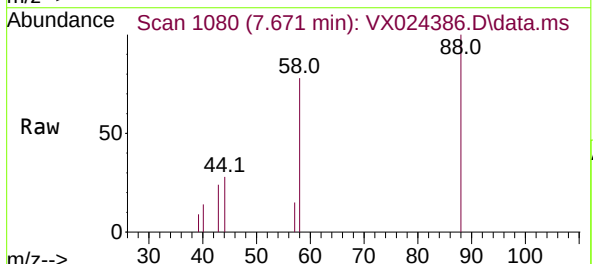
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D5-20210914

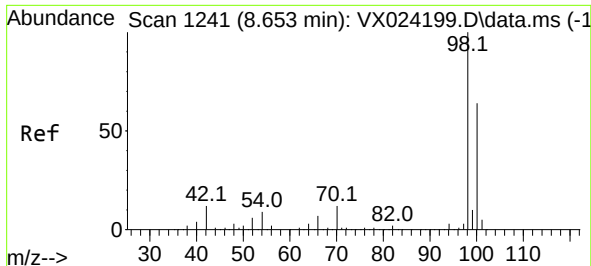
Tgt Ion:130 Resp: 268074  
Ion Ratio Lower Upper  
130 100  
95 99.9 0.0 198.0



#49  
1,4-Dioxane  
Concen: 22.592 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. 0.006 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

Tgt Ion: 88 Resp: 1076  
Ion Ratio Lower Upper  
88 100  
43 32.1 23.2 34.8  
58 77.3 55.0 82.4

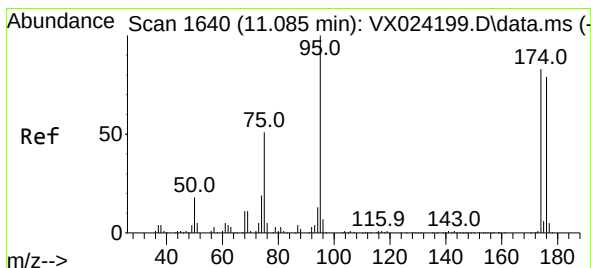
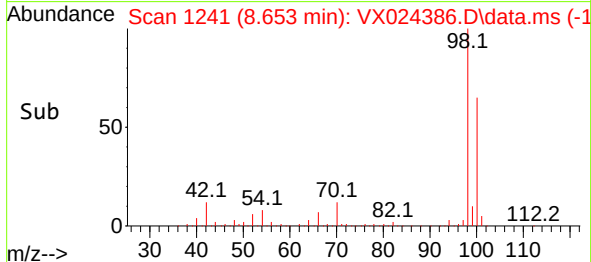
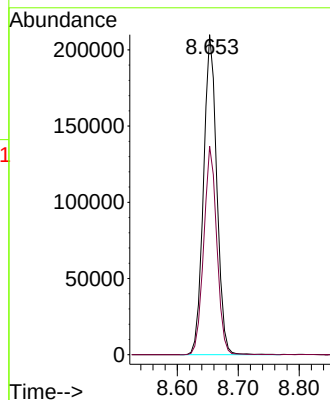
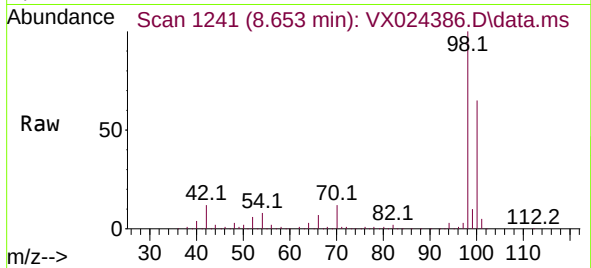




#50  
Toluene-d8  
Concen: 48.759 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

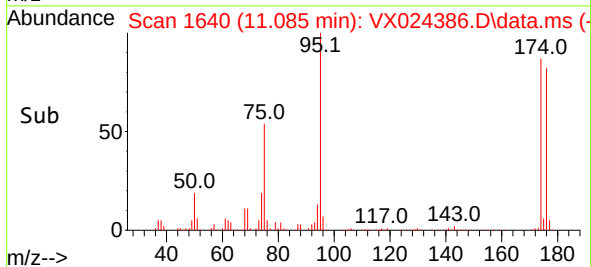
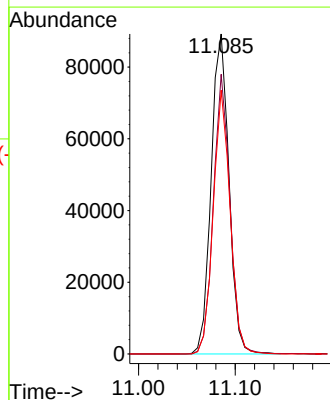
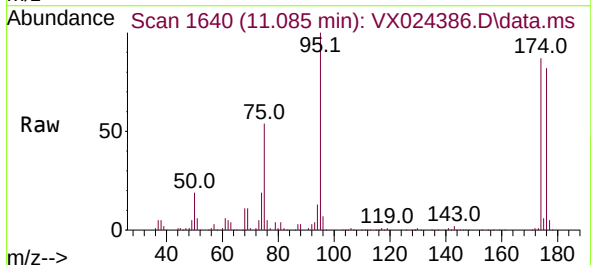
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D5-20210914

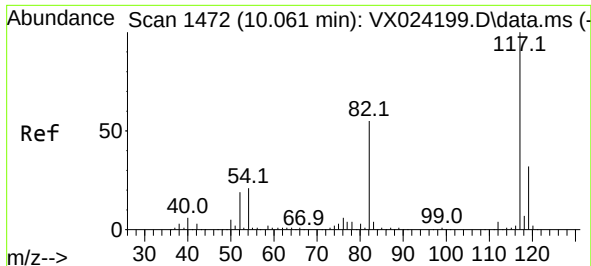
Tgt Ion: 98 Resp: 318457  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 44.935 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

Tgt Ion: 95 Resp: 114211  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 154.6  
176 78.2 0.0 155.8

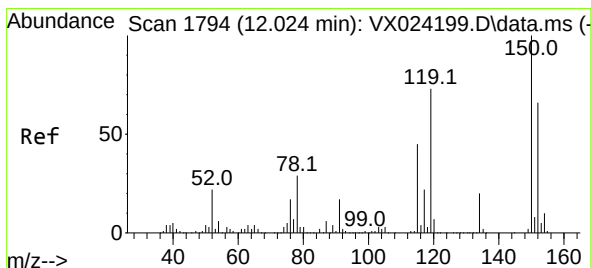
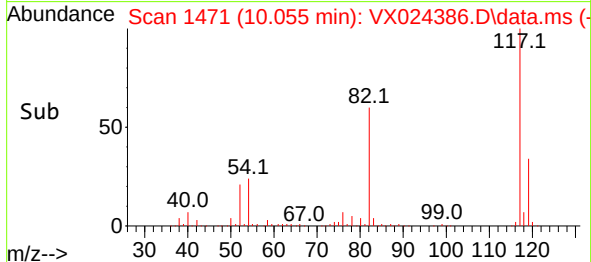
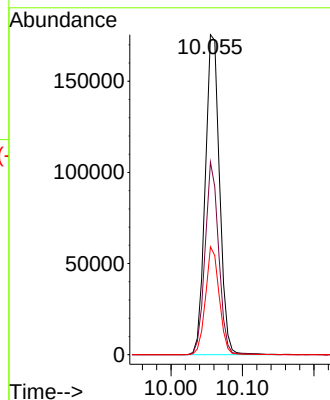
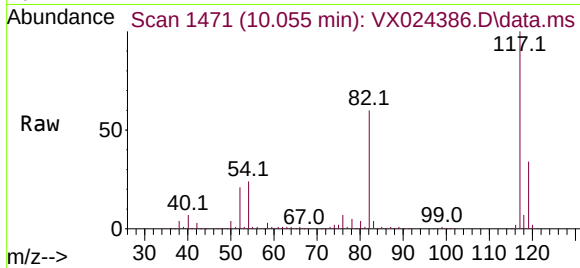




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX024386.D  
Acq: 21 Sep 2021 15:14

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D5-20210914

Tgt Ion:117 Resp: 244527  
Ion Ratio Lower Upper  
117 100  
82 60.2 47.4 71.2  
119 33.7 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: VX024386.D  
Acq: 21 Sep 2021 15:14

Tgt Ion:152 Resp: 108927  
Ion Ratio Lower Upper  
152 100  
115 60.4 41.1 123.3  
150 156.9 0.0 349.0

