

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD083121\  
 Data File : VD070277.D  
 Acq On : 31 Aug 2021 14:02  
 Operator : VA/SY  
 Sample : M3605-01  
 Misc : 5.65G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 PX-1

Quant Time: Sep 01 03:58:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 14 02:33:51 2021  
 Response via : Initial Calibration

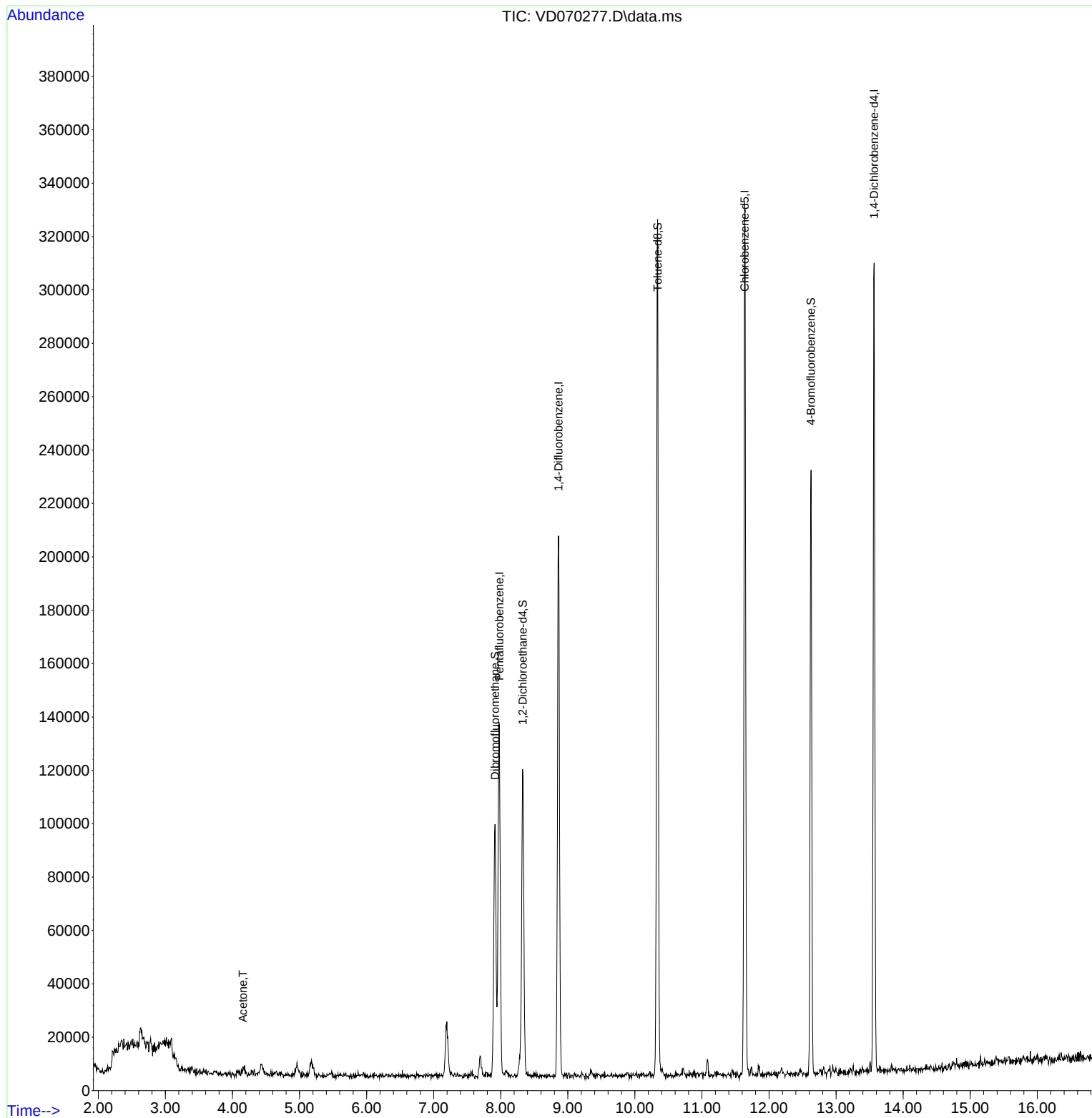
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 7.979  | 168   | 92400    | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 174130   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 192285   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 82600    | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 88530    | 81.462   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 162.920% |           |
| 35) Dibromofluoromethane    | 7.914  | 113   | 70004    | 62.226   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 124.460% |           |
| 50) Toluene-d8              | 10.338 | 98    | 223236   | 51.018   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 102.040% |           |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 80114    | 55.588   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 111.180% |           |
| Target Compounds            |        |       |          |          |            |           |
| 16) Acetone                 | 4.156  | 43    | 4529     | 22.622   | ug/l       | Qvalue 95 |
| -----                       |        |       |          |          |            |           |

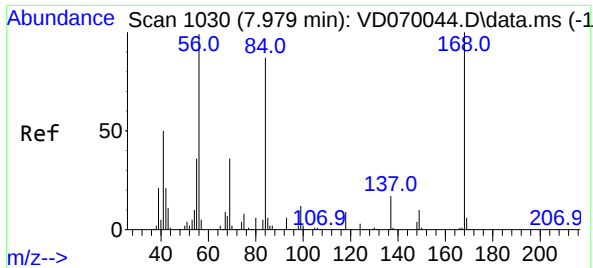
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
PX-1

Quant Time: Sep 01 03:58:24 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 14 02:33:51 2021  
Response via : Initial Calibration

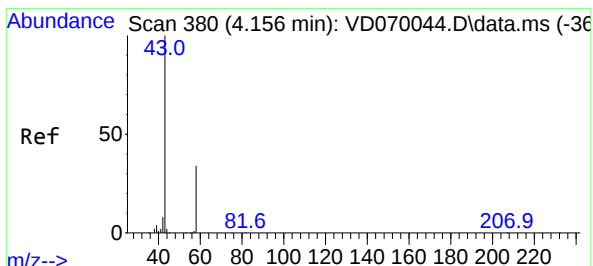
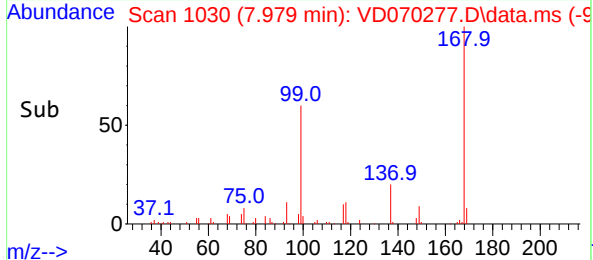
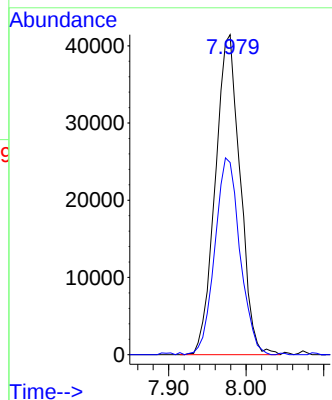
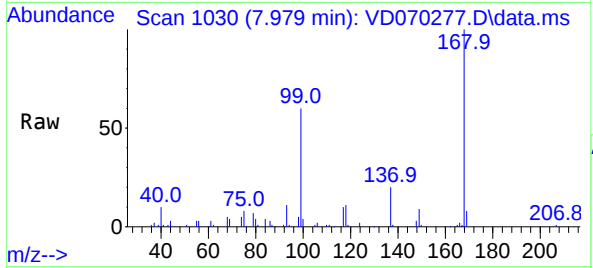




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD070277.D  
Acq: 31 Aug 2021 14:02

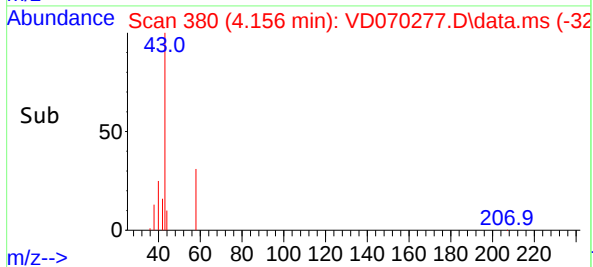
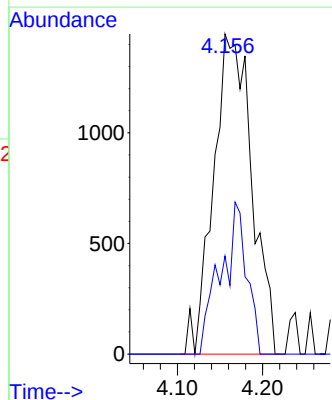
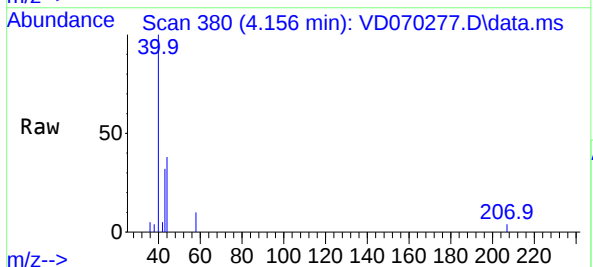
Instrument :  
MSVOA\_D  
ClientSampleId :  
PX-1

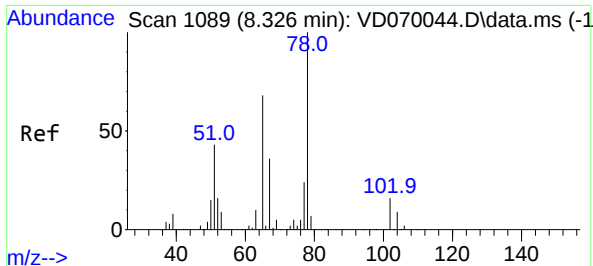
Tgt Ion:168 Resp: 92400  
Ion Ratio Lower Upper  
168 100  
99 59.6 50.3 75.5



#16  
Acetone  
Concen: 22.622 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: VD070277.D  
Acq: 31 Aug 2021 14:02

Tgt Ion: 43 Resp: 4529  
Ion Ratio Lower Upper  
43 100  
58 30.6 26.8 40.2



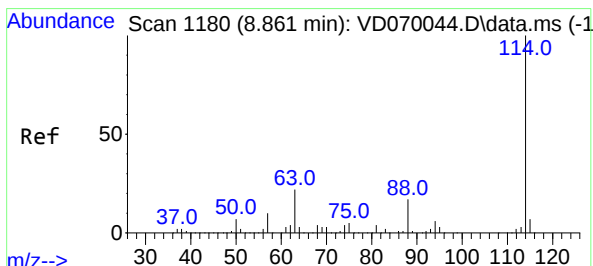
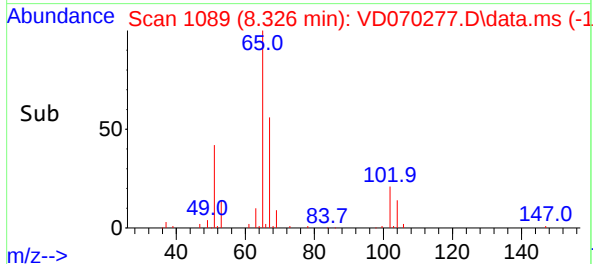
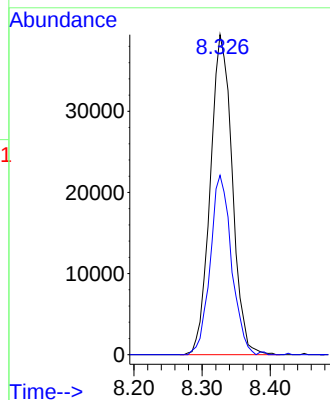
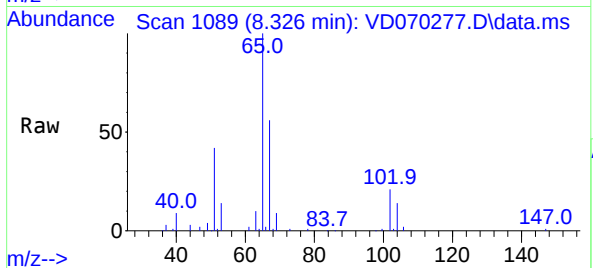


#33

1,2-Dichloroethane-d4  
Concen: 81.462 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD070277.D  
Acq: 31 Aug 2021 14:02

Instrument :  
MSVOA\_D  
ClientSampleId :  
PX-1

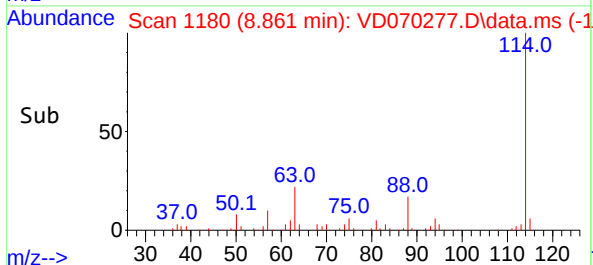
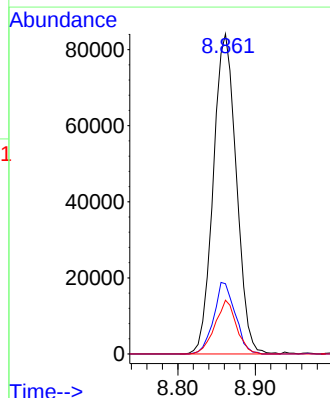
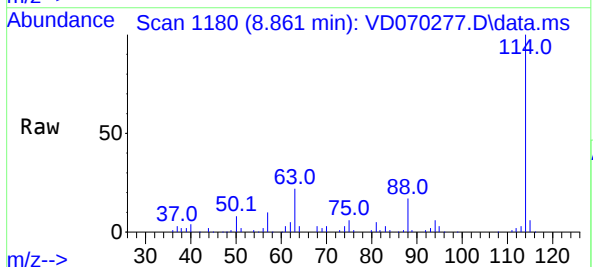
Tgt Ion: 65 Resp: 88530  
Ion Ratio Lower Upper  
65 100  
67 54.2 0.0 107.8

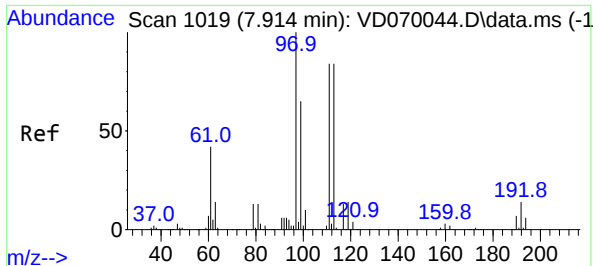


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD070277.D  
Acq: 31 Aug 2021 14:02

Tgt Ion:114 Resp: 174130  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 43.6  
88 16.8 0.0 33.4

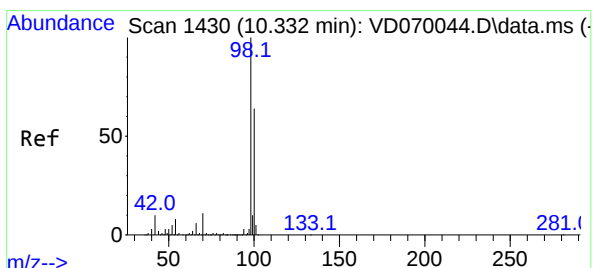
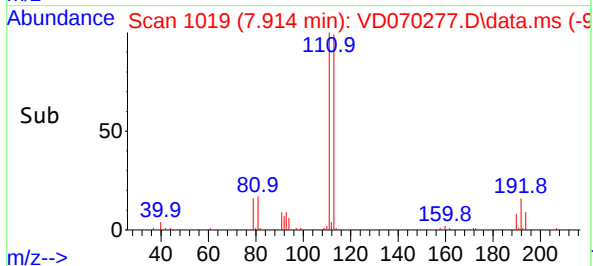
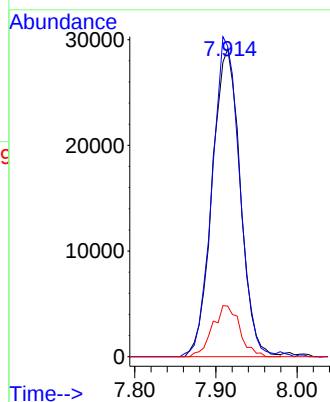
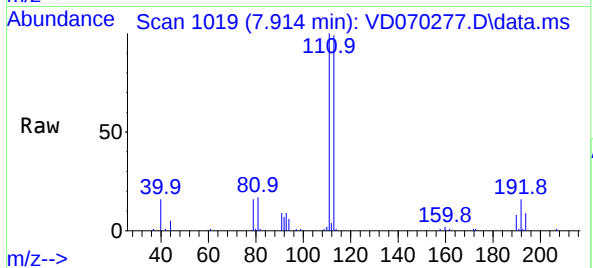




#35  
Dibromofluoromethane  
Concen: 62.226 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD070277.D  
Acq: 31 Aug 2021 14:02

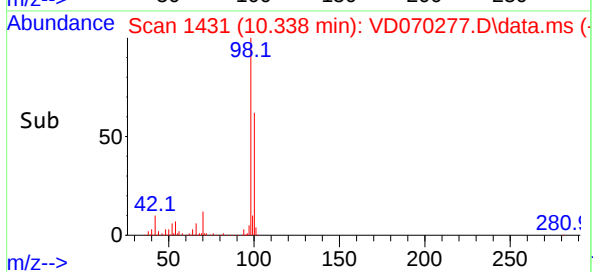
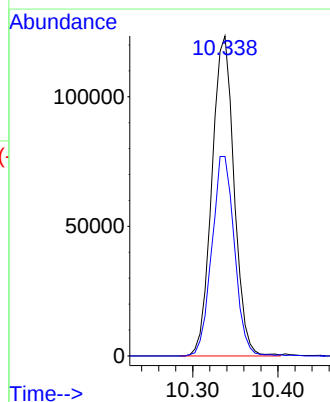
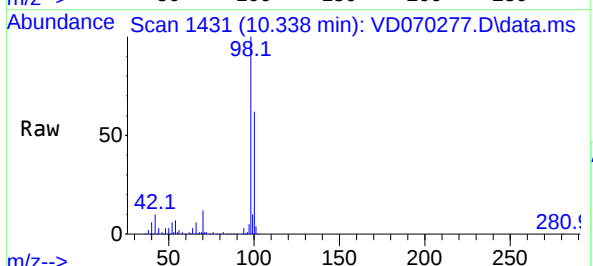
Instrument :  
MSVOA\_D  
ClientSampleId :  
PX-1

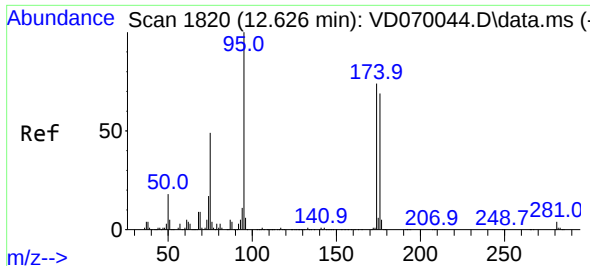
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 70004 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.6 | 81.8  | 122.6 |
| 192      | 16.1  | 13.2  | 19.8  |



#50  
Toluene-d8  
Concen: 51.018 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: VD070277.D  
Acq: 31 Aug 2021 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 223236 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.7  | 52.6  | 78.8   |

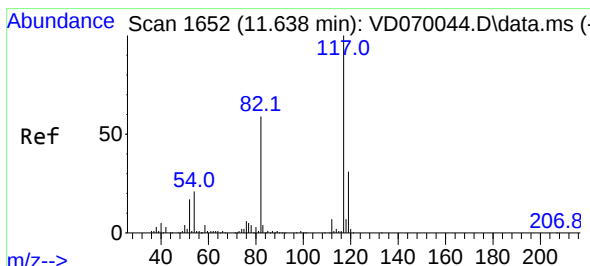
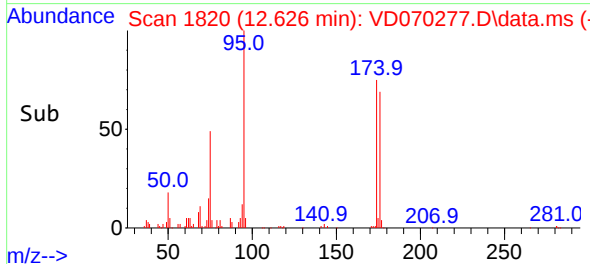
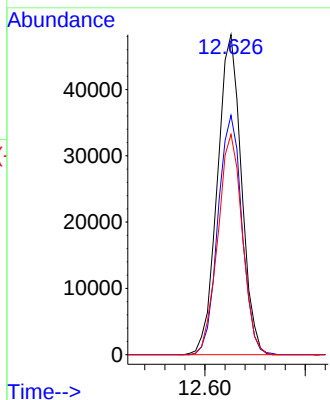
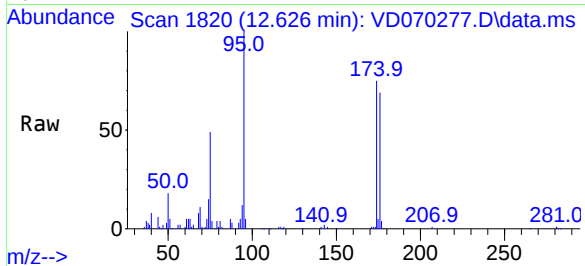




#62  
4-Bromofluorobenzene  
Concen: 55.588 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD070277.D  
Acq: 31 Aug 2021 14:02

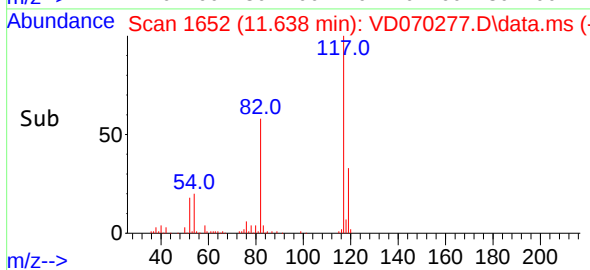
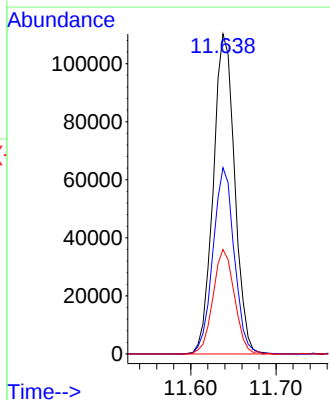
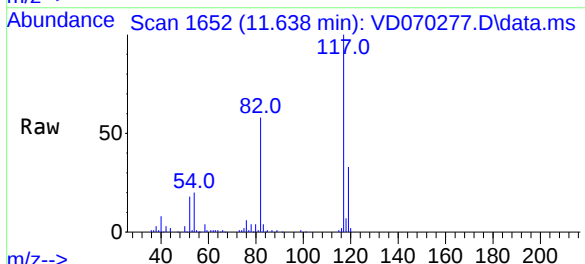
Instrument :  
MSVOA\_D  
ClientSampled :  
PX-1

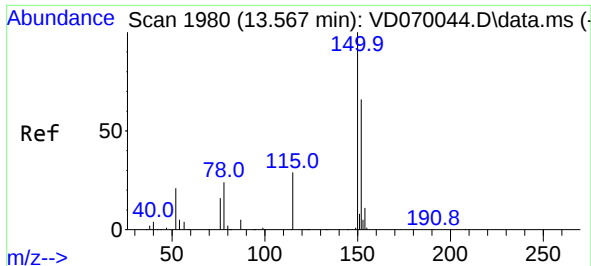
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 80114 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 74.7  | 0.0   | 141.6 |
| 176      | 69.8  | 0.0   | 138.2 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD070277.D  
Acq: 31 Aug 2021 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 192285 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.2  | 47.5  | 71.3   |
| 119      | 32.6  | 25.1  | 37.7   |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.567 min Scan# 1980  
 Delta R.T. 0.000 min  
 Lab File: VD070277.D  
 Acq: 31 Aug 2021 14:02

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 PX-1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 82600 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 59.9  | 31.2  | 93.6  |
| 150      | 154.9 | 0.0   | 352.0 |

