

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032621\  
 Data File : VD068676.D  
 Acq On : 26 Mar 2021 11:16  
 Operator : VA/SY  
 Sample : VD0326SBL01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0326SBL01

Quant Time: Mar 27 00:41:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 20 02:00:55 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 355755   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 676551   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.644 | 117  | 654934   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 304570   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 190356   | 53.06    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 106.12% |
| 35) Dibromofluoromethane    | 7.914  | 113   | 213220   | 50.65    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 101.30% |
| 50) Toluene-d8              | 10.338 | 98    | 839350   | 51.72    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 103.44% |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 283706   | 53.92    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 107.84% |

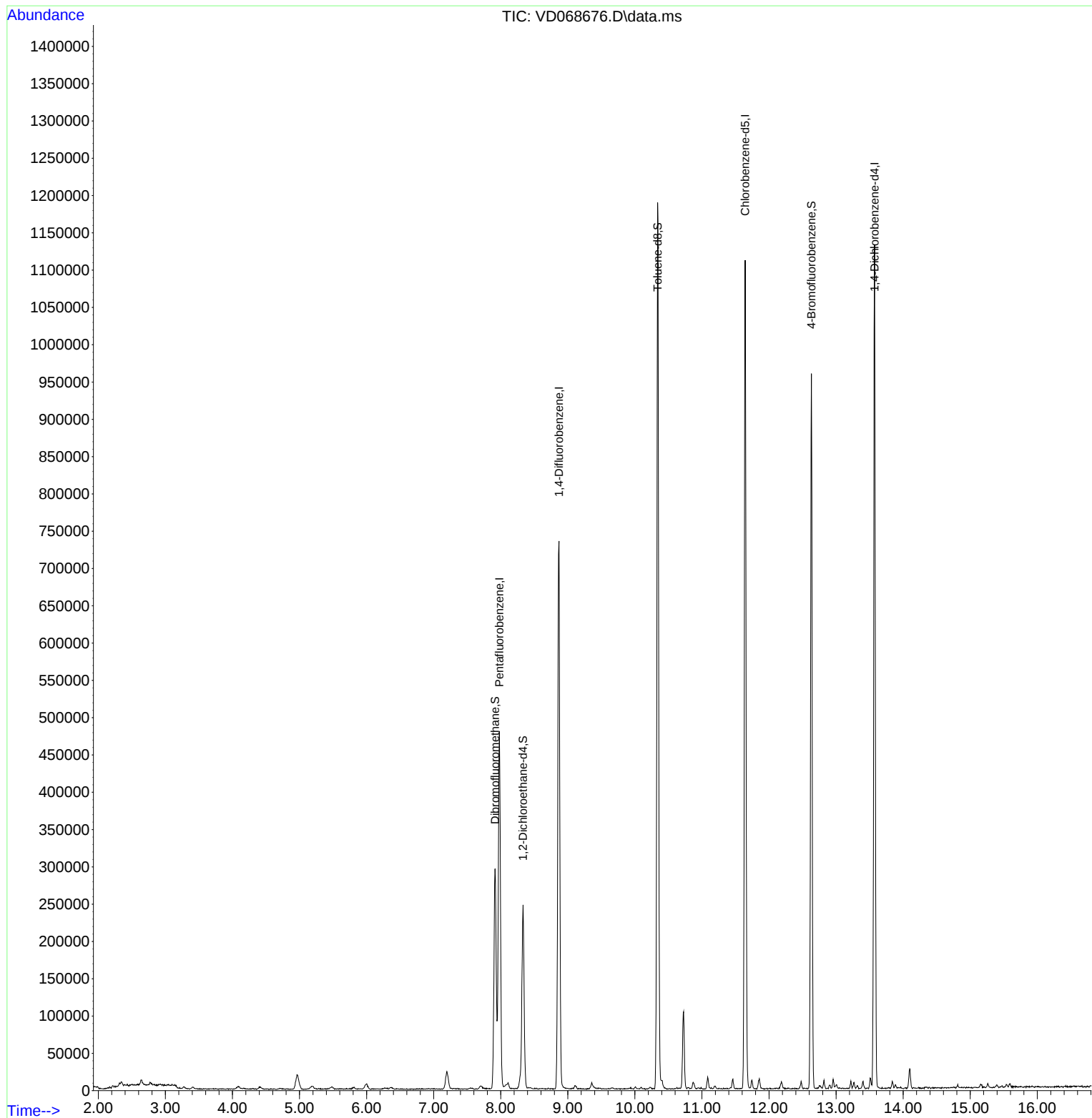
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

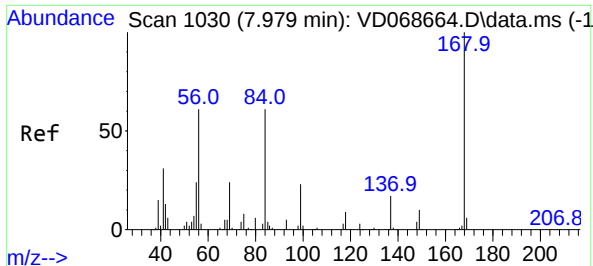
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VD0326SBL01  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0326SBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 20 02:00:55 2021  
Response via : Initial Calibration

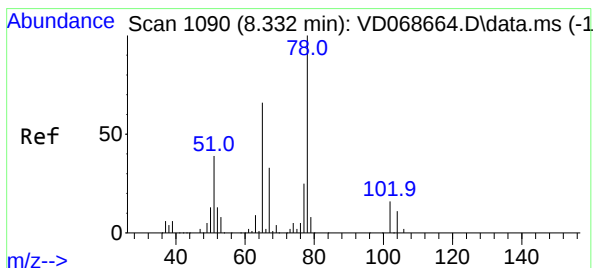
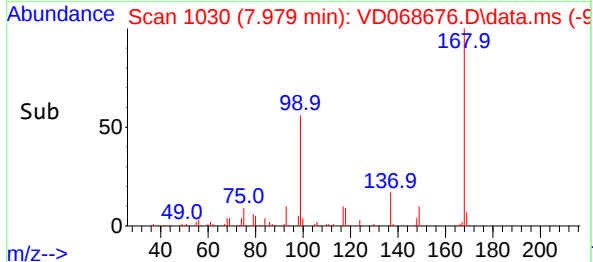
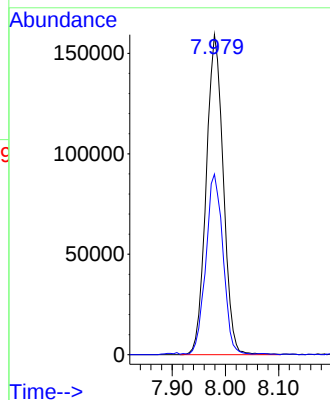
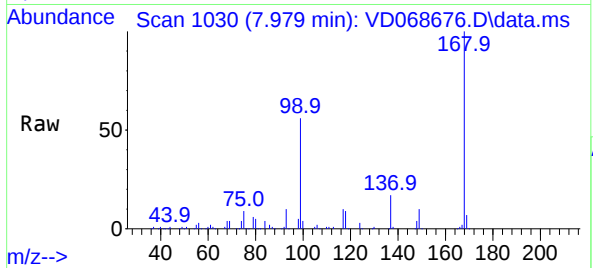




Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD068676.D  
Acq: 26 Mar 2021 11:16

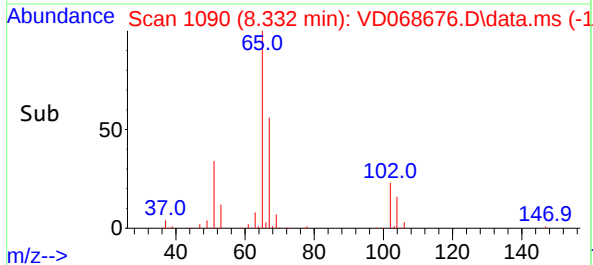
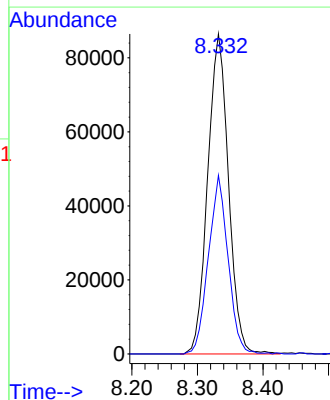
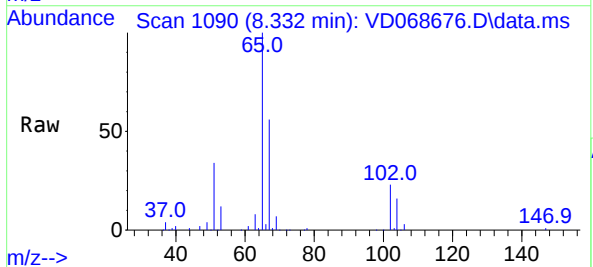
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0326SBL01

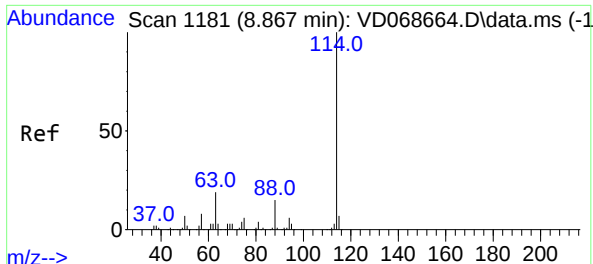
Tgt Ion:168 Resp: 355755  
Ion Ratio Lower Upper  
168 100  
99 56.4 46.2 69.2



1,2-Dichloroethane-d4  
Concen: 53.06 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD068676.D  
Acq: 26 Mar 2021 11:16

Tgt Ion: 65 Resp: 190356  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 106.0



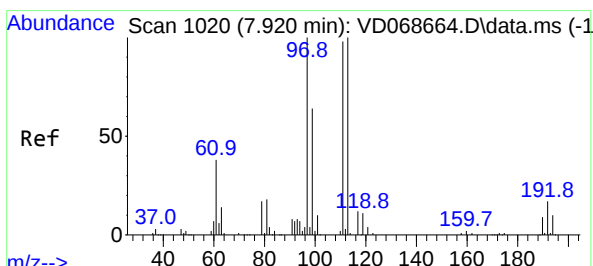
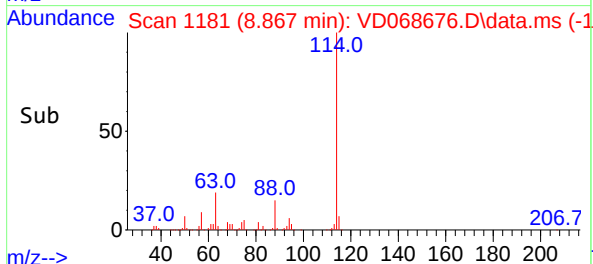
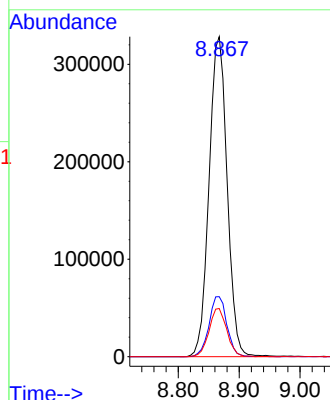
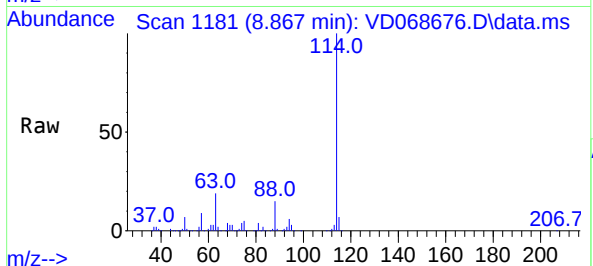


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068676.D  
Acq: 26 Mar 2021 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0326SBL01

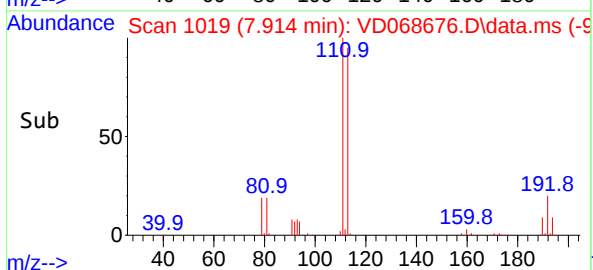
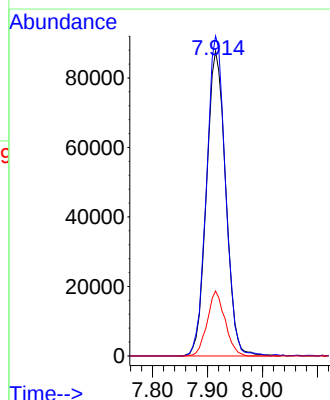
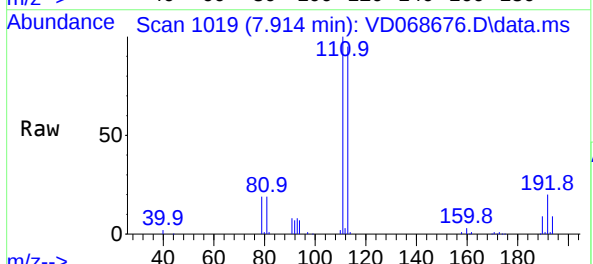
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 676551 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 18.7  | 0.0   | 38.2   |
| 88       | 15.1  | 0.0   | 29.4   |

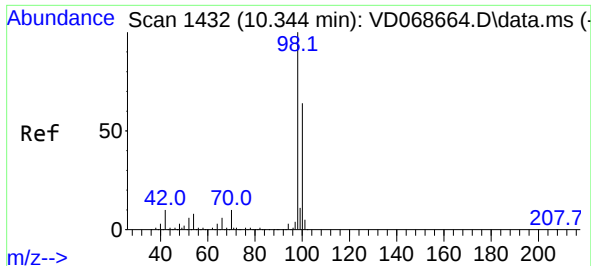


#35

Dibromofluoromethane  
Concen: 50.65 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: VD068676.D  
Acq: 26 Mar 2021 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 213220 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.5 | 82.5  | 123.7  |
| 192      | 19.8  | 15.1  | 22.7   |

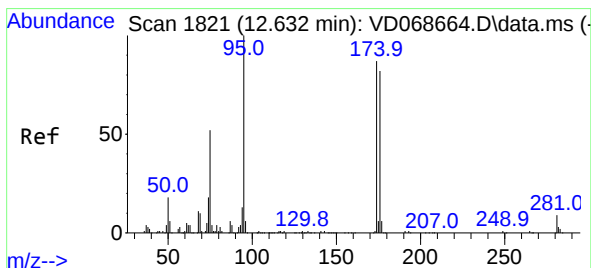
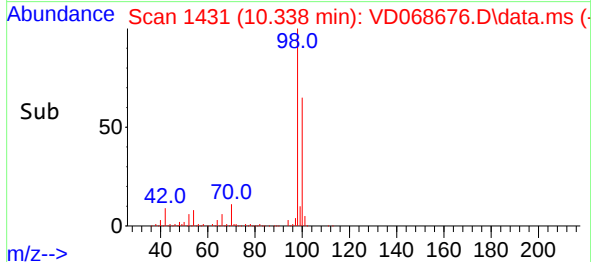
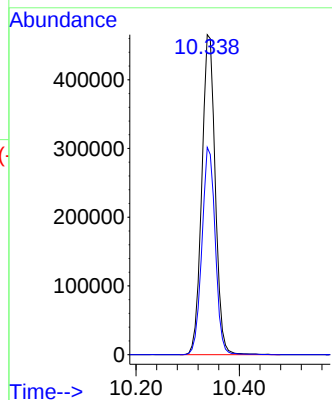
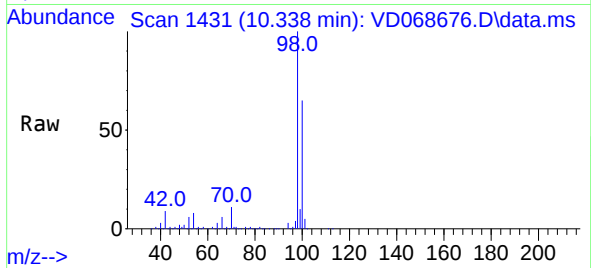




#50  
Toluene-d8  
Concen: 51.72 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: VD068676.D  
Acq: 26 Mar 2021 11:16

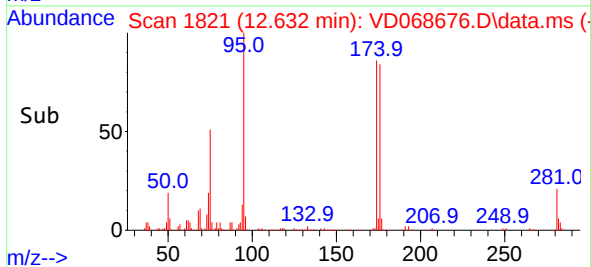
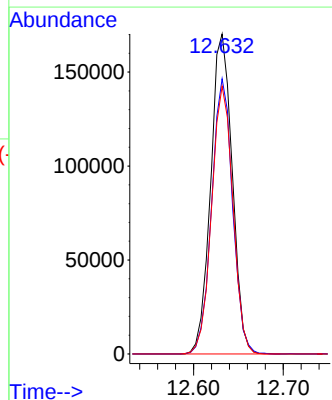
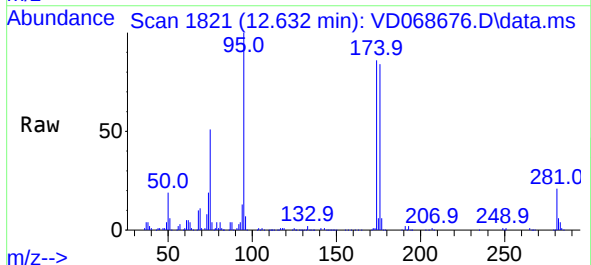
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0326SBL01

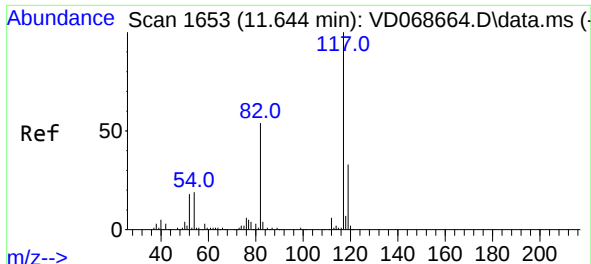
Tgt Ion: 98 Resp: 839350  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 53.92 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068676.D  
Acq: 26 Mar 2021 11:16

Tgt Ion: 95 Resp: 283706  
Ion Ratio Lower Upper  
95 100  
174 83.6 0.0 168.0  
176 82.4 0.0 160.2

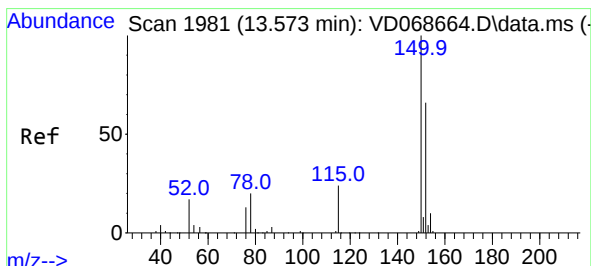
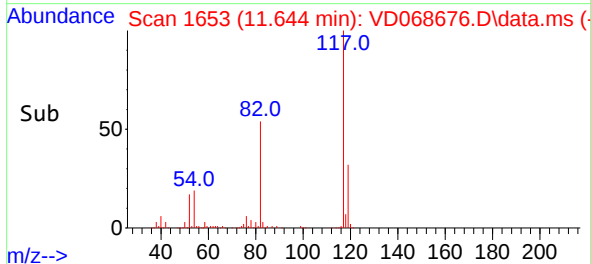
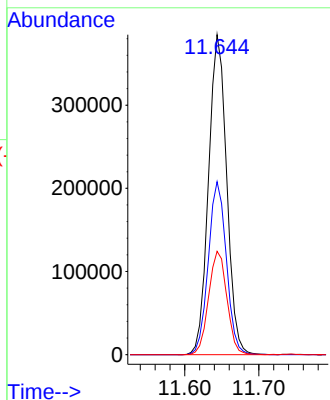
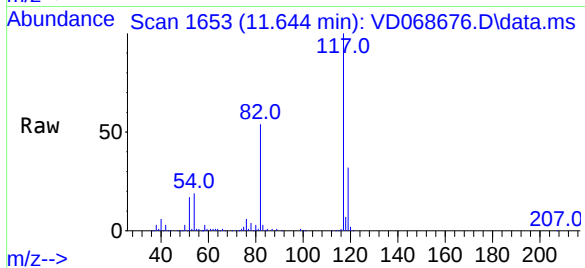




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD068676.D  
Acq: 26 Mar 2021 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0326SBL01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 654934 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.0  | 43.5  | 65.3   |
| 119      | 32.3  | 26.7  | 40.1   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD068676.D  
Acq: 26 Mar 2021 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 304570 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 58.1  | 29.3  | 87.8   |
| 150      | 156.2 | 0.0   | 347.6  |

