

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020821\  
 Data File : VD068320.D  
 Acq On : 08 Feb 2021 16:19  
 Operator : VA/SY  
 Sample : M1337-01  
 Misc : 4.65G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 CLASSIC BH 01 0.5-2

Quant Time: Feb 09 00:15:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

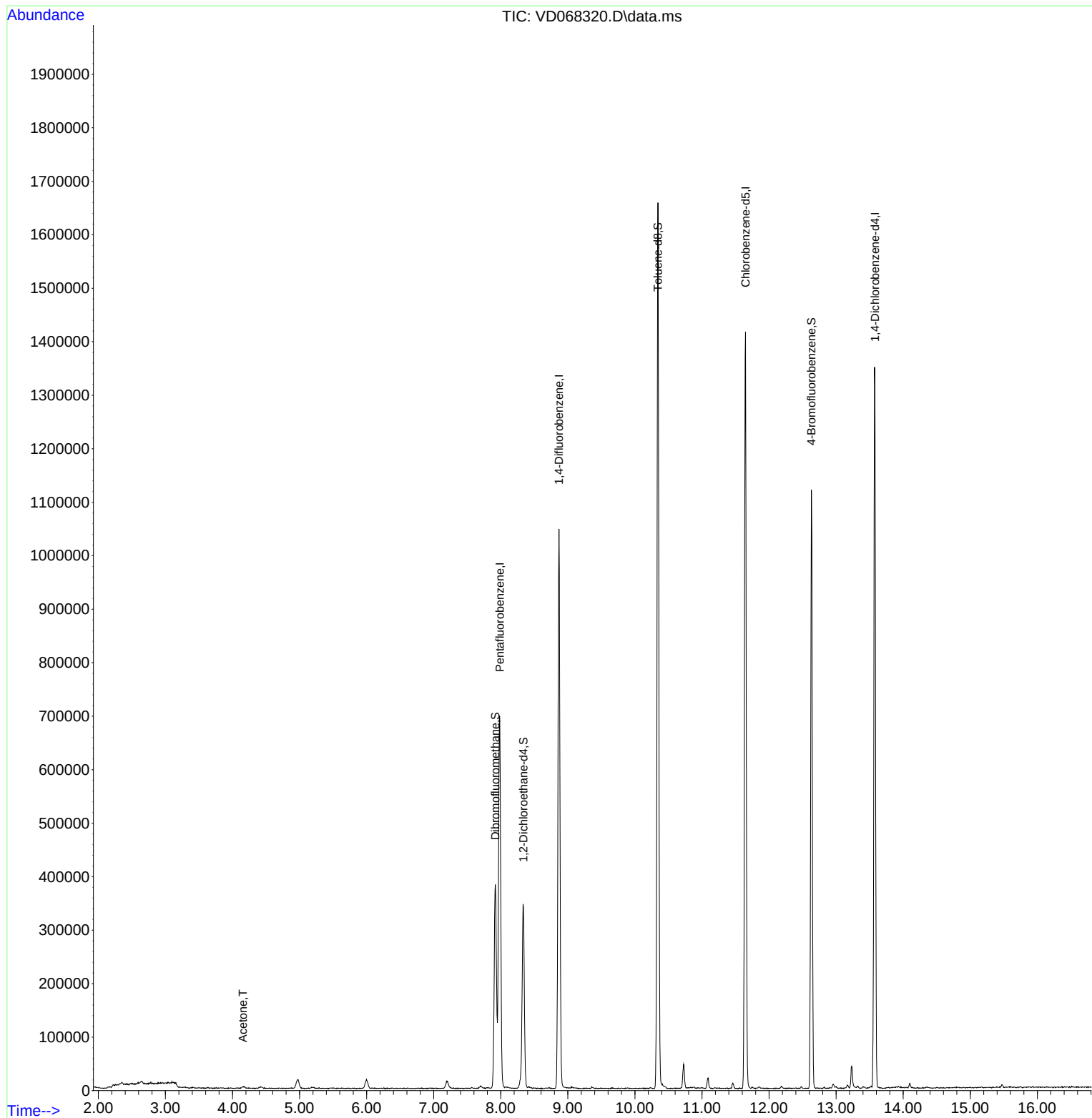
| Compound                    | R.T.   | QIon           | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|----------------|----------|-------|---------|----------|
| -----                       |        |                |          |       |         |          |
| Internal Standards          |        |                |          |       |         |          |
| 1) Pentafluorobenzene       | 7.985  | 168            | 538996   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.867  | 114            | 954821   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.649 | 117            | 850153   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.579 | 152            | 377023   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |                |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.338  | 65             | 276077   | 53.54 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | =     | 107.08% |          |
| 35) Dibromofluoromethane    | 7.920  | 113            | 283324   | 53.67 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | =     | 107.34% |          |
| 50) Toluene-d8              | 10.344 | 98             | 1179264  | 55.85 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 49 - 140 | Recovery | =     | 111.70% |          |
| 62) 4-Bromofluorobenzene    | 12.632 | 95             | 375667   | 49.40 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 25 - 144 | Recovery | =     | 98.80%  |          |
| Target Compounds            |        |                |          |       |         | Qvalue   |
| 16) Acetone                 | 4.156  | 43             | 6411     | 6.96  | ug/l    | 94       |
| -----                       |        |                |          |       |         |          |

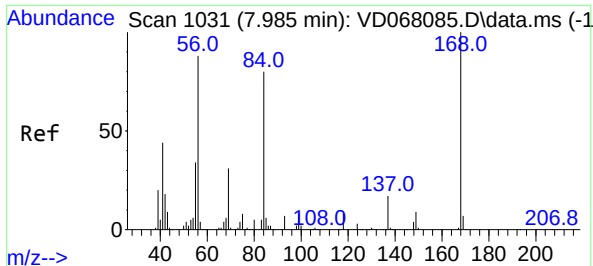
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M1337-01  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
CLASSIC BH 01 0.5-2

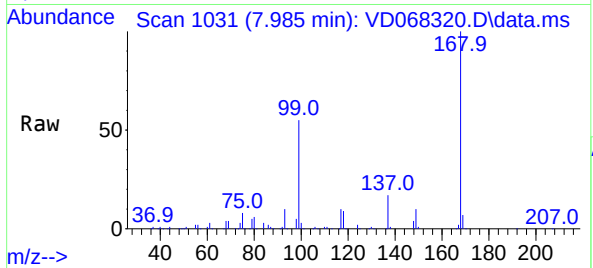
Quant Time: Feb 09 00:15:58 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 19 13:19:08 2021  
Response via : Initial Calibration



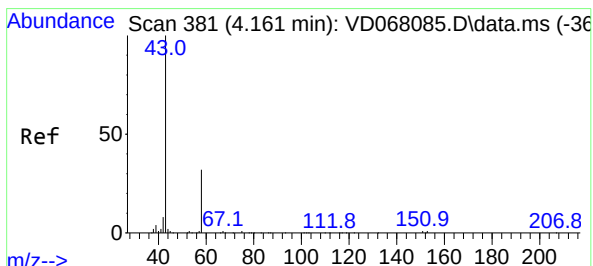
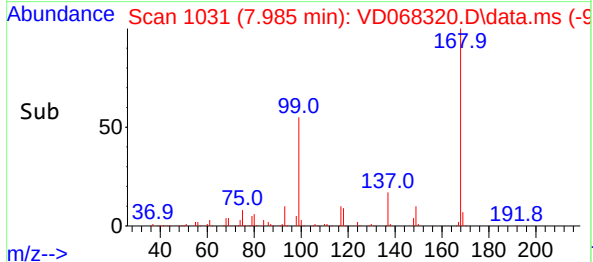
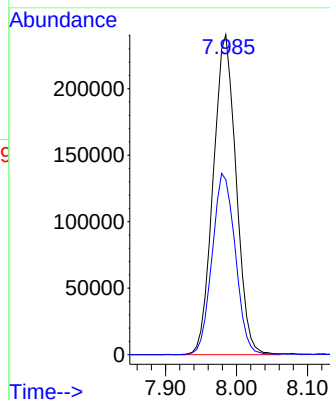


#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068320.D  
Acq: 08 Feb 2021 16:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
CLASSIC BH 01 0.5-2

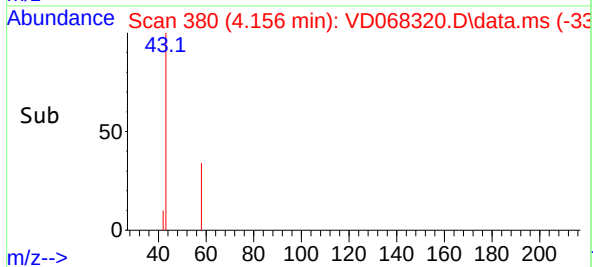
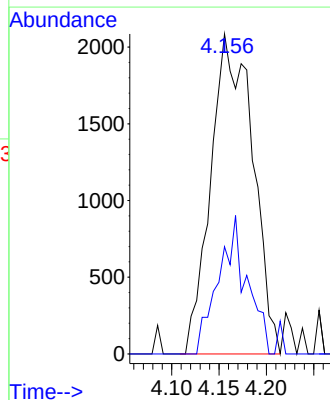
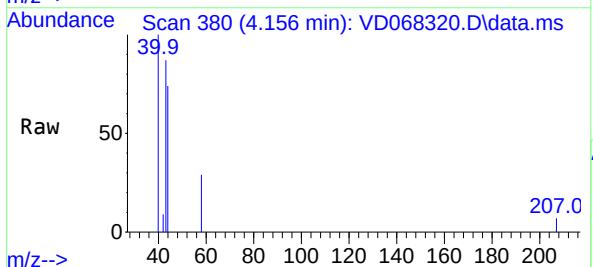


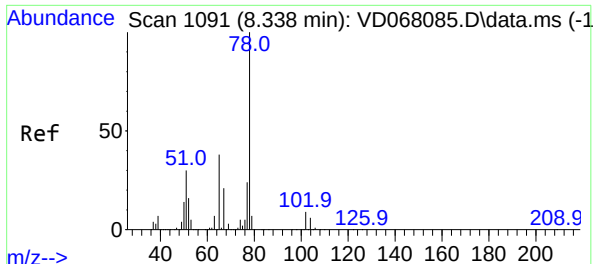
Tgt Ion:168 Resp: 538996  
Ion Ratio Lower Upper  
168 100  
99 54.6 43.5 65.3



#16  
Acetone  
Concen: 6.96 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD068320.D  
Acq: 08 Feb 2021 16:19

Tgt Ion: 43 Resp: 6411  
Ion Ratio Lower Upper  
43 100  
58 33.5 24.2 36.4

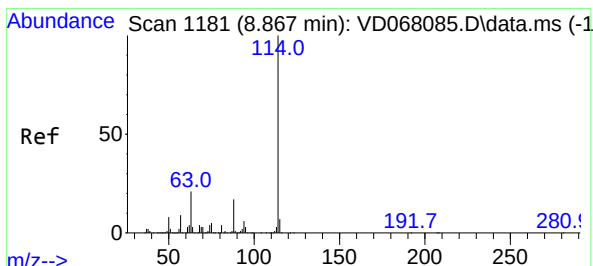
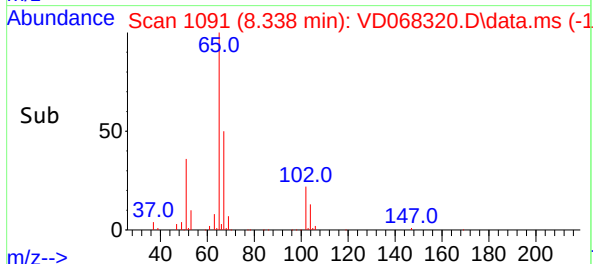
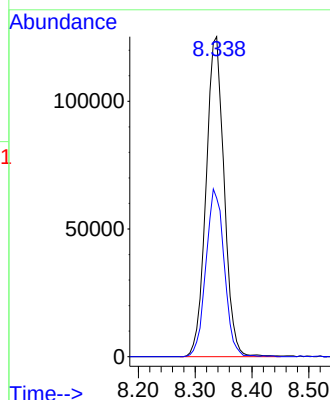
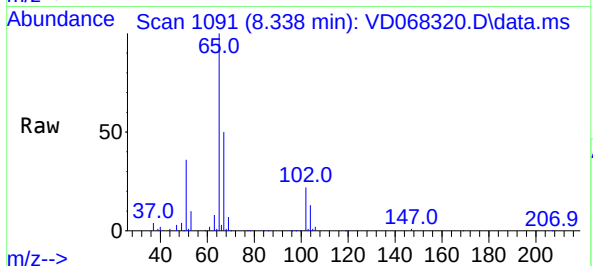




#33  
1,2-Dichloroethane-d4  
Concen: 53.54 ug/l  
RT: 8.338 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD068320.D  
Acq: 08 Feb 2021 16:19

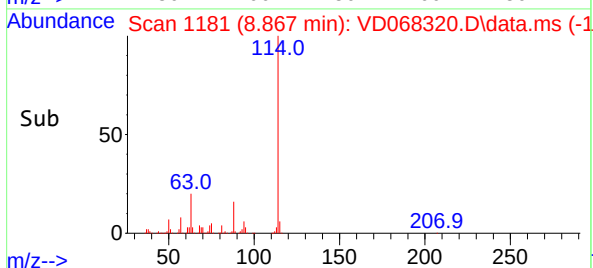
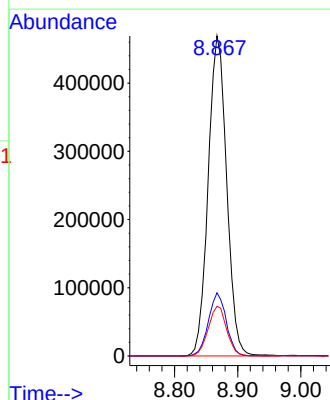
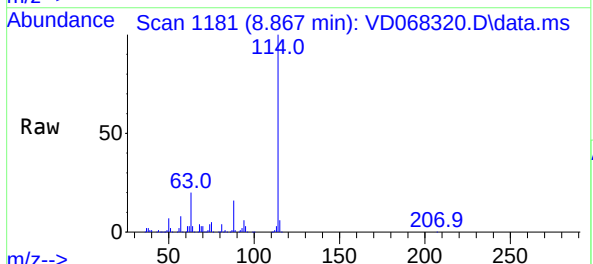
Instrument :  
MSVOA\_D  
ClientSampleId :  
CLASSIC BH 01 0.5-2

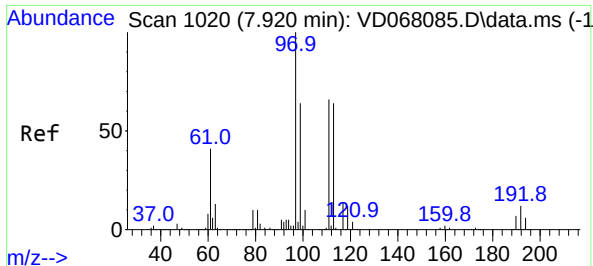
Tgt Ion: 65 Resp: 276077  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 105.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068320.D  
Acq: 08 Feb 2021 16:19

Tgt Ion: 114 Resp: 954821  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 34.8  
88 15.5 0.0 31.6

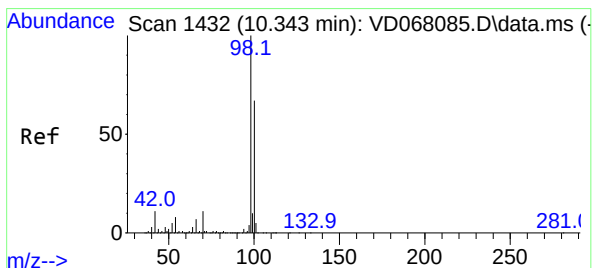
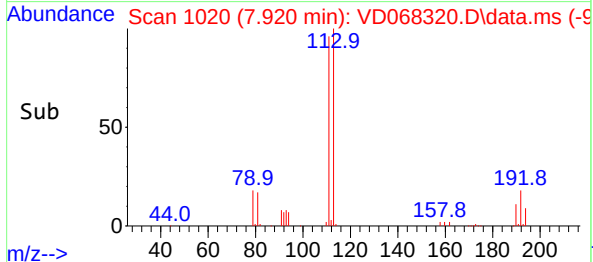
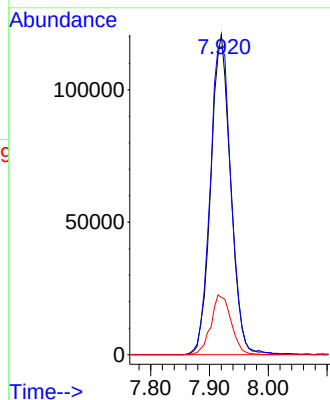
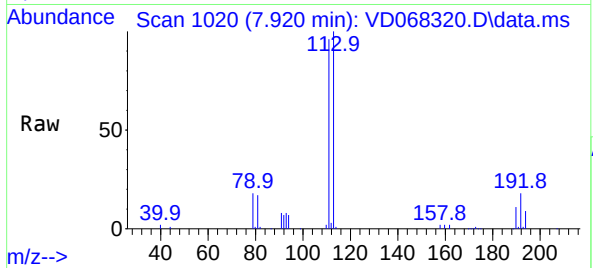




#35  
Dibromofluoromethane  
Concen: 53.67 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068320.D  
Acq: 08 Feb 2021 16:19

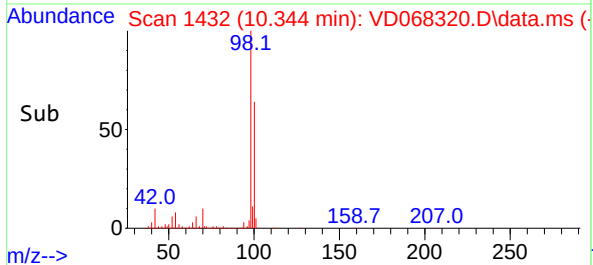
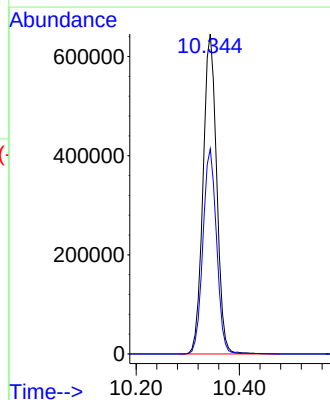
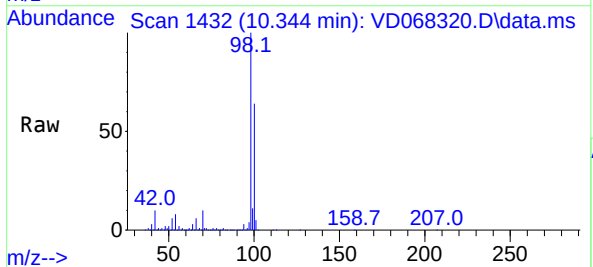
Instrument :  
MSVOA\_D  
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CLASSIC BH 01 0.5-2

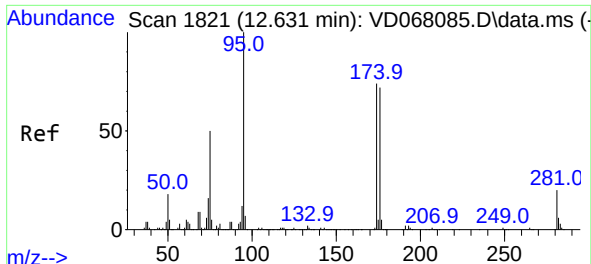
Tgt Ion:113 Resp: 283324  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.4 122.0  
192 19.1 16.1 24.1



#50  
Toluene-d8  
Concen: 55.85 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068320.D  
Acq: 08 Feb 2021 16:19

Tgt Ion: 98 Resp: 1179264  
Ion Ratio Lower Upper  
98 100  
100 64.0 53.0 79.4



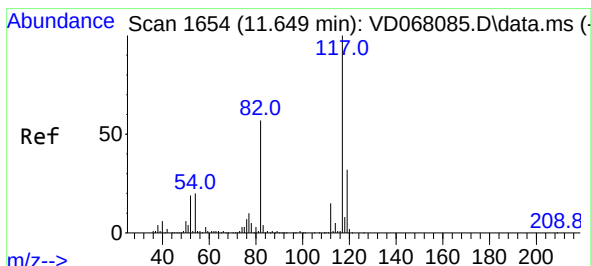
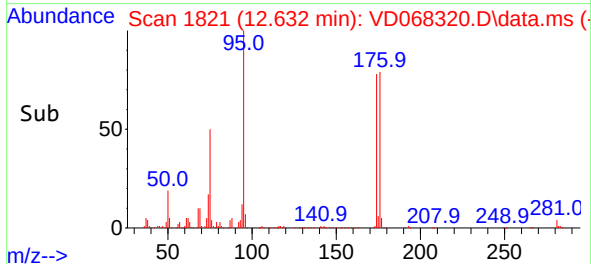
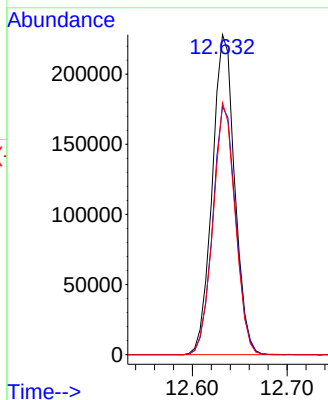
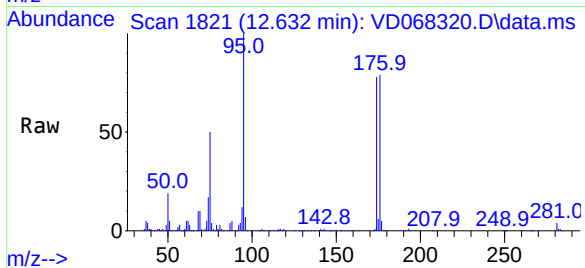


#62  
4-Bromofluorobenzene  
Concen: 49.40 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068320.D  
Acq: 08 Feb 2021 16:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
CLASSIC BH 01 0.5-2

Tgt Ion: 95 Resp: 375667

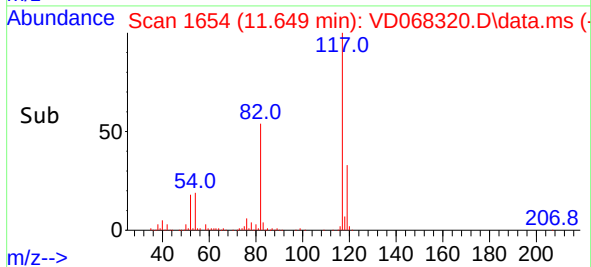
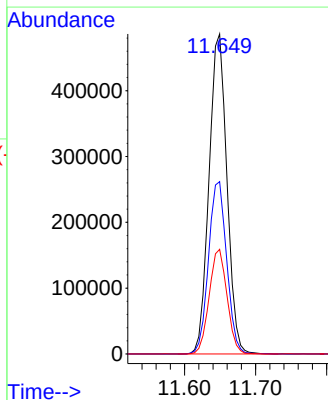
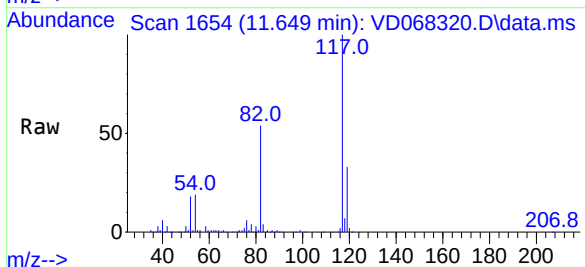
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 79.6  | 0.0   | 172.4 |
| 176 | 77.9  | 0.0   | 168.4 |

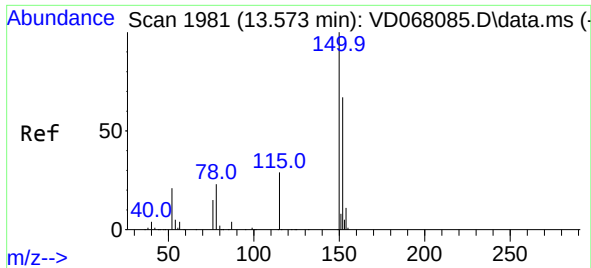


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.649 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: VD068320.D  
Acq: 08 Feb 2021 16:19

Tgt Ion: 117 Resp: 850153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 53.9  | 41.4  | 62.0  |
| 119 | 32.7  | 26.1  | 39.1  |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.579 min Scan# 1982  
 Delta R.T. 0.006 min  
 Lab File: VD068320.D  
 Acq: 08 Feb 2021 16:19

Instrument :  
 MSVOA\_D  
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Tgt Ion:152 Resp: 377023  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 60.9  | 28.9  | 86.8  |
| 150 | 159.2 | 0.0   | 344.4 |

