

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD030421\  
 Data File : VD068533.D  
 Acq On : 04 Mar 2021 18:53  
 Operator : VA/SY  
 Sample : M1566-03  
 Misc : 6.88/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VEOLIA-72-11977

Quant Time: Mar 05 00:03:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D022621S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 26 14:04:14 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 328663   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.867  | 114   | 573177   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.644 | 117   | 548190   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.573 | 152   | 239803   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.338  | 65    | 163421   | 49.77    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 99.54%   |
| 35) Dibromofluoromethane    | 7.920  | 113   | 175847   | 50.93    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 101.86%  |
| 50) Toluene-d8              | 10.344 | 98    | 715179   | 52.00    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 104.00%  |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 230198   | 51.94    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 103.88%  |

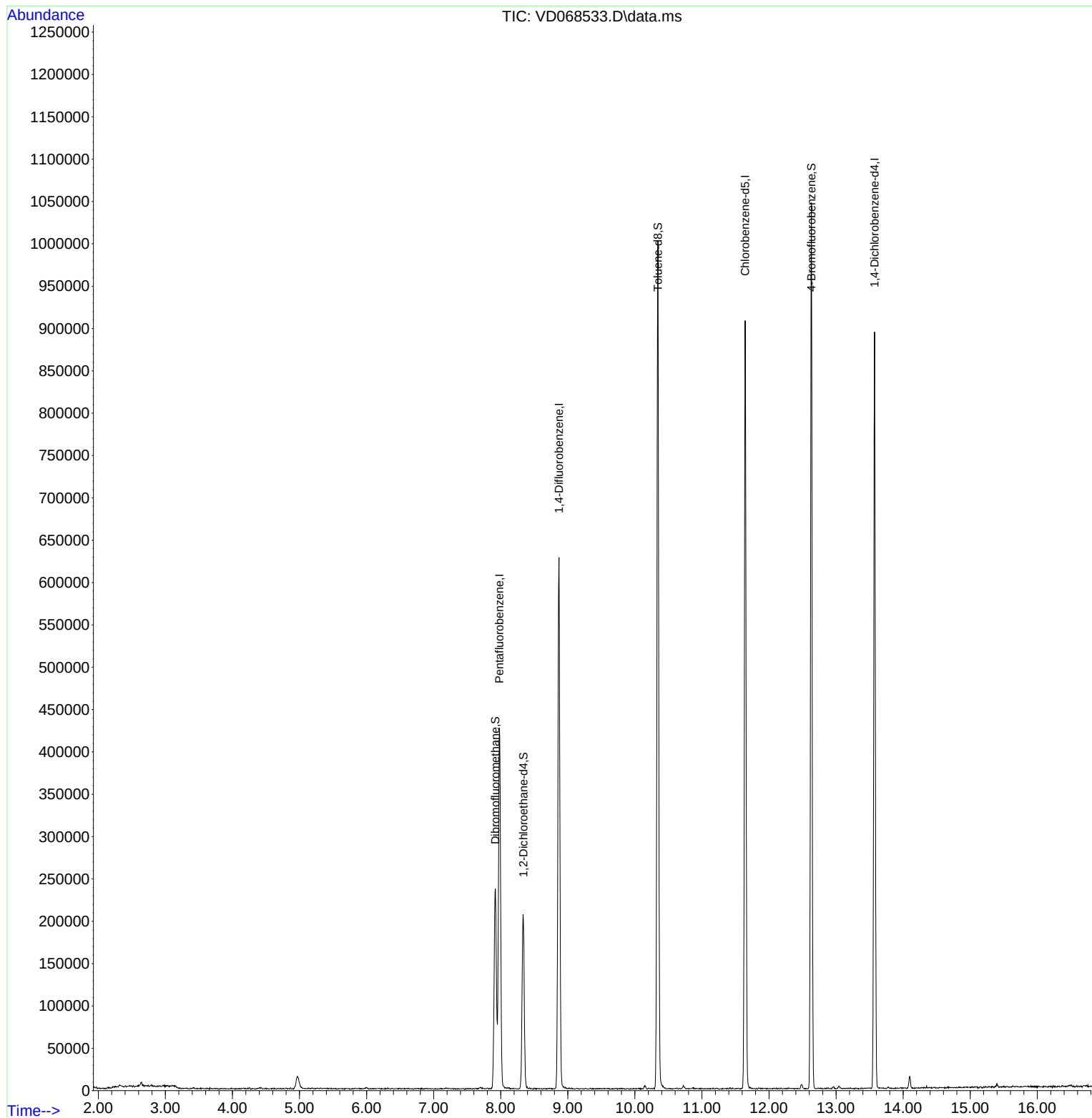
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

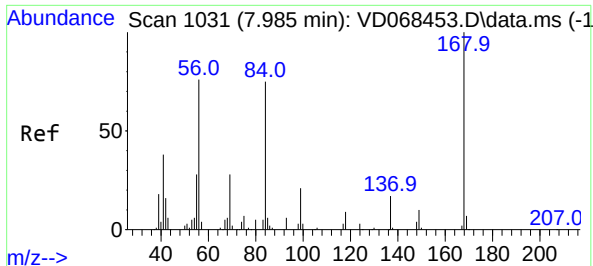
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 26 14:04:14 2021  
Response via : Initial Calibration

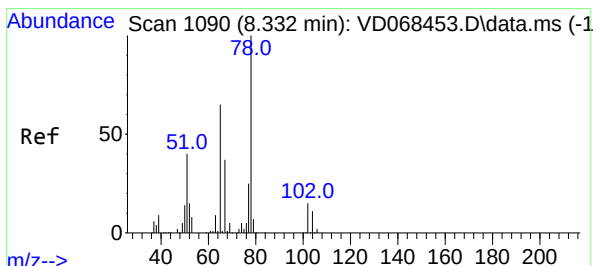
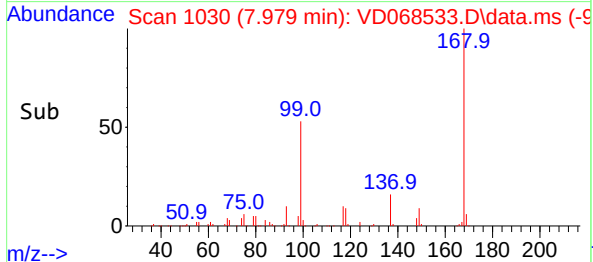
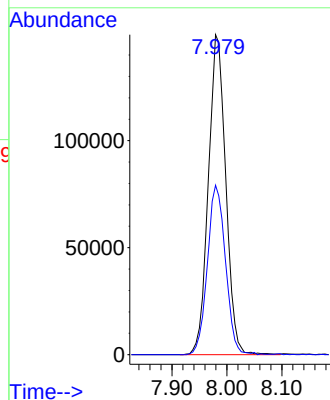
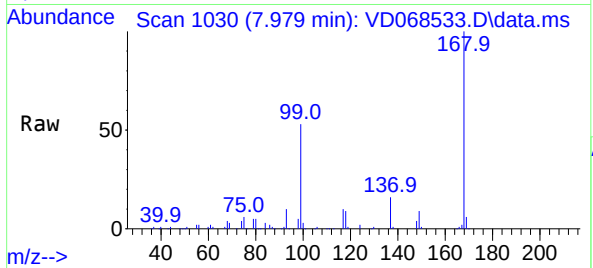




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD068533.D  
Acq: 04 Mar 2021 18:53

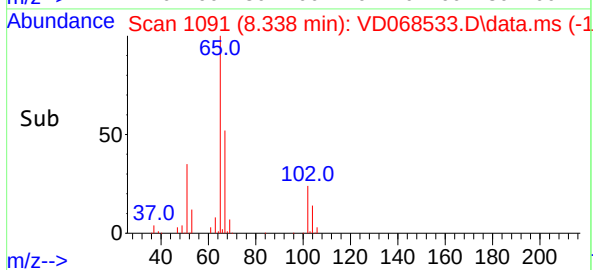
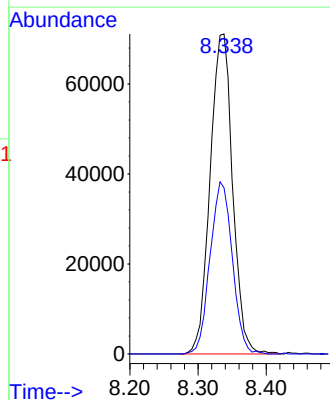
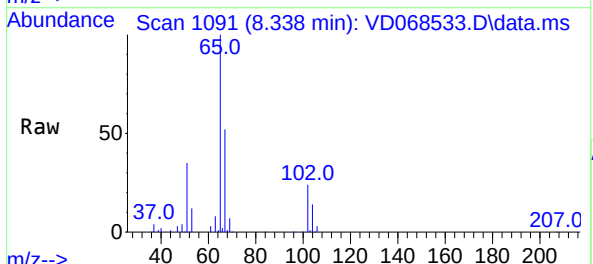
Instrument :  
MSVOA\_D  
ClientSampleId :  
VEOLIA-72-11977

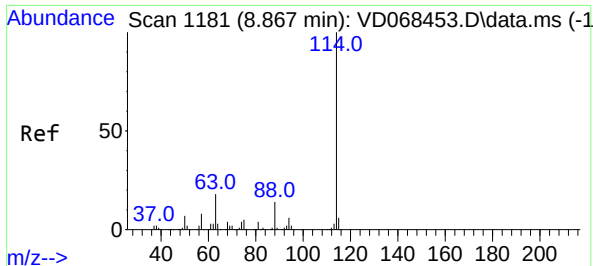
Tgt Ion:168 Resp: 328663  
Ion Ratio Lower Upper  
168 100  
99 52.9 43.5 65.3



#33  
1,2-Dichloroethane-d4  
Concen: 49.77 ug/l  
RT: 8.338 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VD068533.D  
Acq: 04 Mar 2021 18:53

Tgt Ion: 65 Resp: 163421  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 105.0



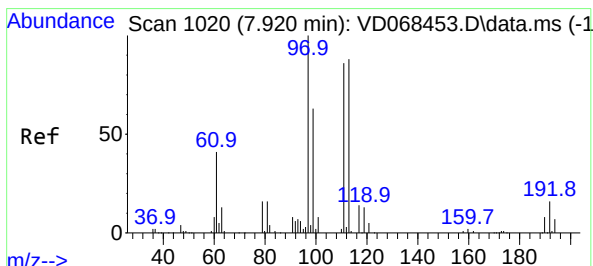
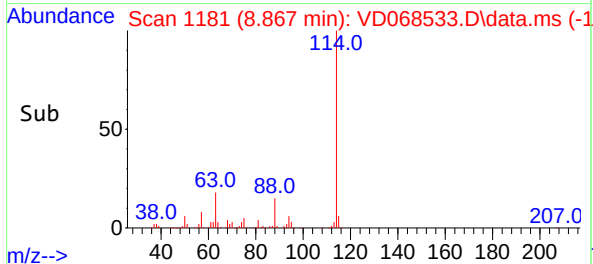
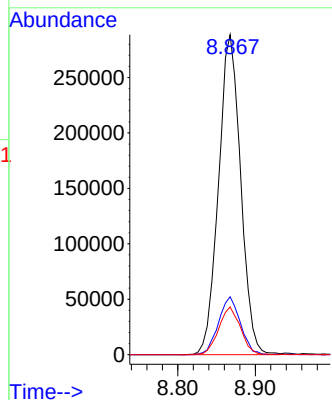
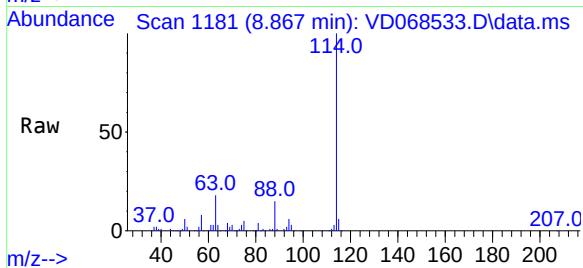


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.001 min  
Lab File: VD068533.D  
Acq: 04 Mar 2021 18:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VEOLIA-72-11977

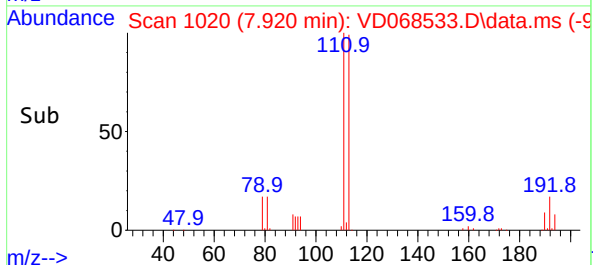
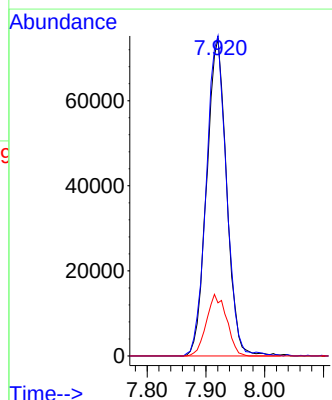
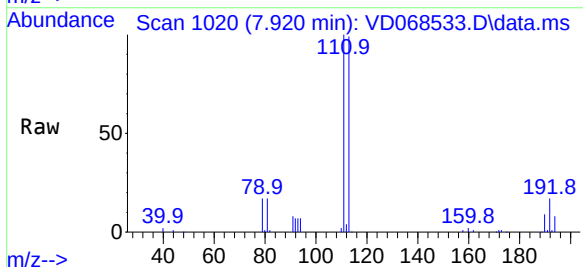
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 573177 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 18.1  | 0.0   | 34.8   |
| 88       | 14.9  | 0.0   | 31.6   |

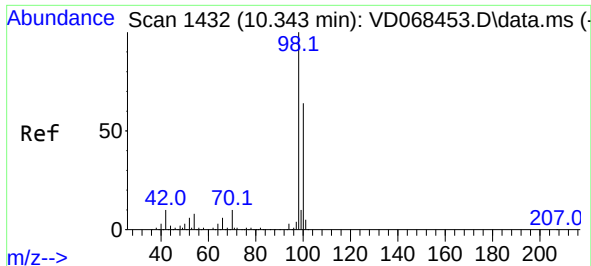


#35

Dibromofluoromethane  
Concen: 50.93 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.001 min  
Lab File: VD068533.D  
Acq: 04 Mar 2021 18:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 175847 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 101.2 | 81.4  | 122.0  |
| 192      | 19.7  | 16.1  | 24.1   |

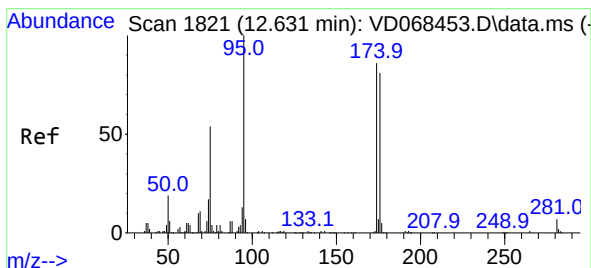
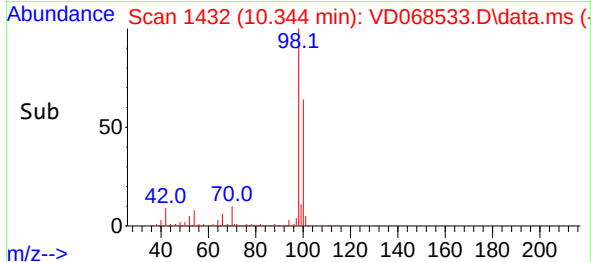
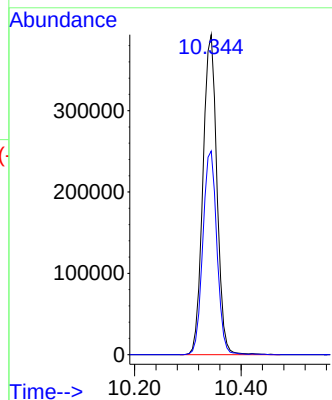
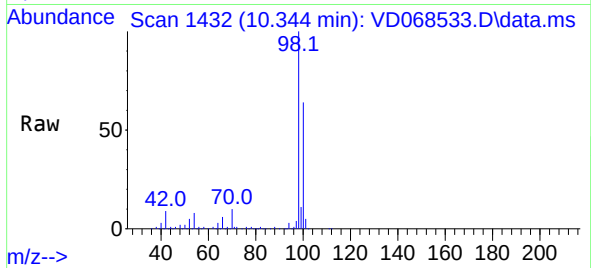




#50  
Toluene-d8  
Concen: 52.00 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.001 min  
Lab File: VD068533.D  
Acq: 04 Mar 2021 18:53

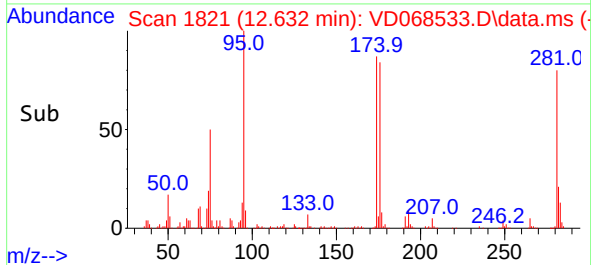
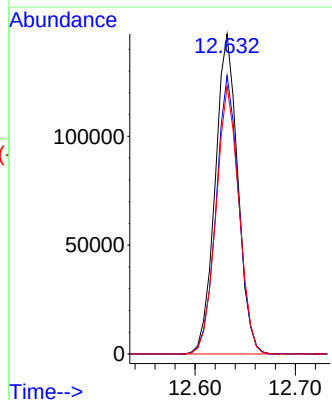
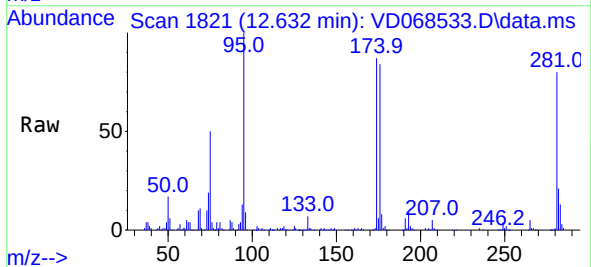
Instrument :  
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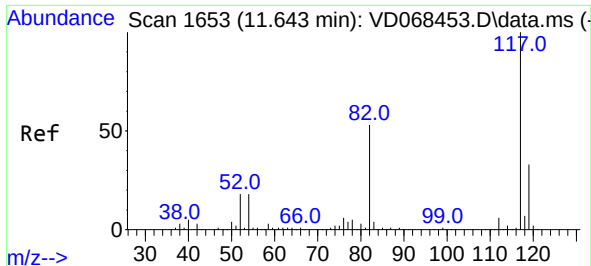
Tgt Ion: 98 Resp: 715179  
Ion Ratio Lower Upper  
98 100  
100 63.9 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 51.94 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.001 min  
Lab File: VD068533.D  
Acq: 04 Mar 2021 18:53

Tgt Ion: 95 Resp: 230198  
Ion Ratio Lower Upper  
95 100  
174 86.9 0.0 172.4  
176 84.6 0.0 168.4

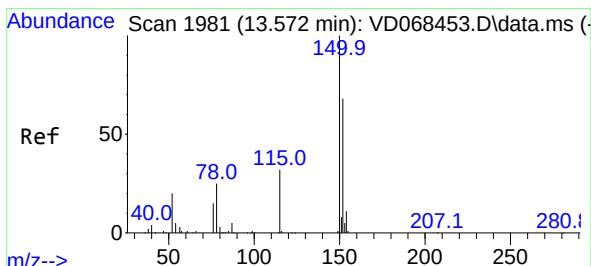
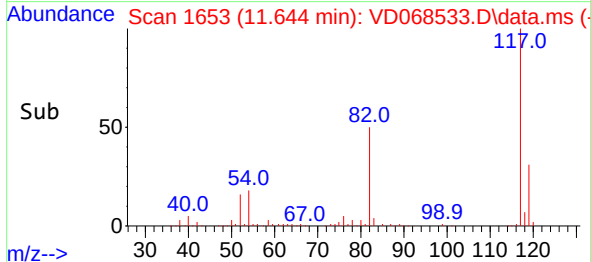
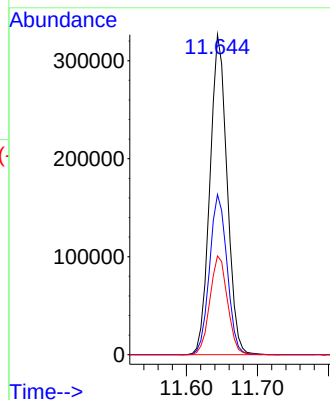
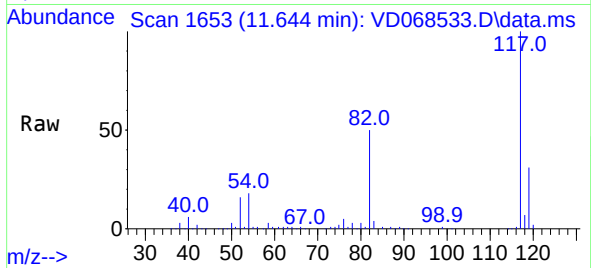




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.001 min  
Lab File: VD068533.D  
Acq: 04 Mar 2021 18:53

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MSVOA\_D  
ClientSampleId :  
VEOLIA-72-11977

Tgt Ion:117 Resp: 548190  
Ion Ratio Lower Upper  
117 100  
82 50.1 41.4 62.0  
119 30.9 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.001 min  
Lab File: VD068533.D  
Acq: 04 Mar 2021 18:53

Tgt Ion:152 Resp: 239803  
Ion Ratio Lower Upper  
152 100  
115 57.8 28.9 86.8  
150 159.3 0.0 344.4

