

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012821\  
 Data File : VN065648.D  
 Acq On : 28 Jan 2021 14:38  
 Operator : JC/MD  
 Sample : PB134373ZHE#11  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB134373ZHE#11

Quant Time: Jan 29 01:22:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 25 13:47:28 2021  
 Response via : Initial Calibration

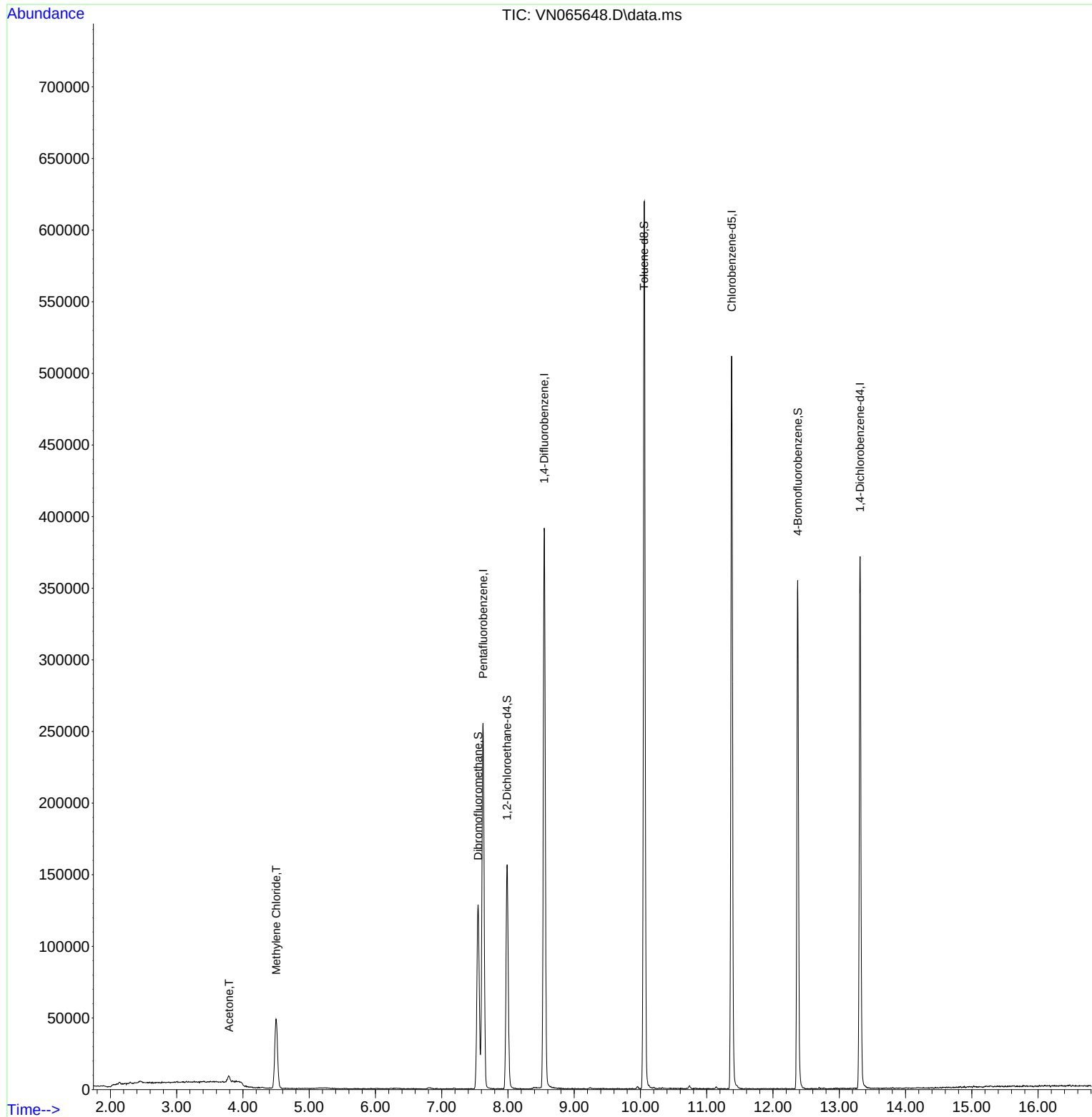
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 7.624          | 168  | 210258     | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.547          | 114  | 361098     | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.376         | 117  | 310095     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.315         | 152  | 107743     | 50.00   | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.987          | 65   | 131866     | 47.67   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 95.34%  |        |          |
| 35) Dibromofluoromethane    | 7.550          | 113  | 103092     | 48.18   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 96.36%  |        |          |
| 50) Toluene-d8              | 10.055         | 98   | 448964     | 53.38   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 106.76% |        |          |
| 62) 4-Bromofluorobenzene    | 12.373         | 95   | 145052     | 47.89   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 95.78%  |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 3.788          | 43   | 7249       | 6.73    | ug/l   | 100      |
| 20) Methylene Chloride      | 4.502          | 84   | 36357      | 12.19   | ug/l   | 95       |
| -----                       |                |      |            |         |        |          |

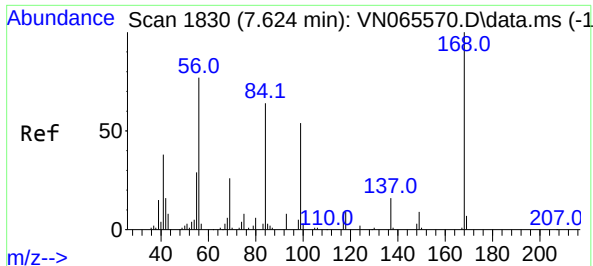
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012521W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 25 13:47:28 2021  
Response via : Initial Calibration

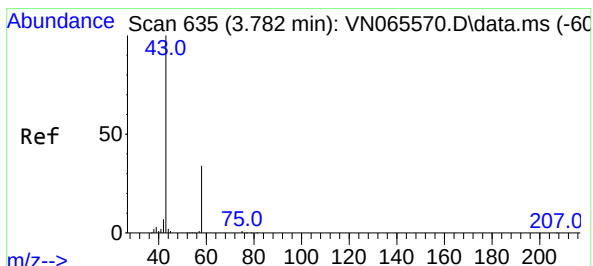
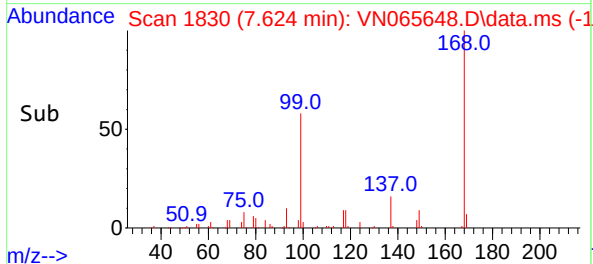
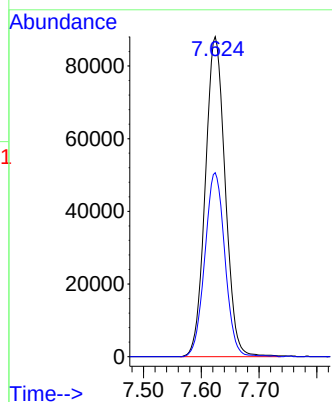
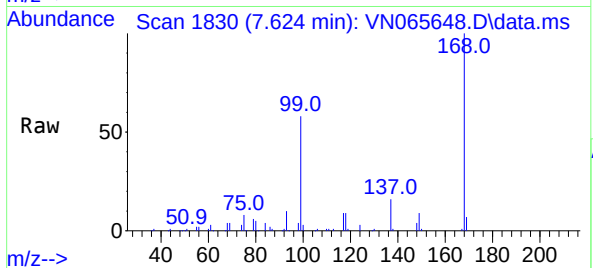




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: VN065648.D  
Acq: 28 Jan 2021 14:38

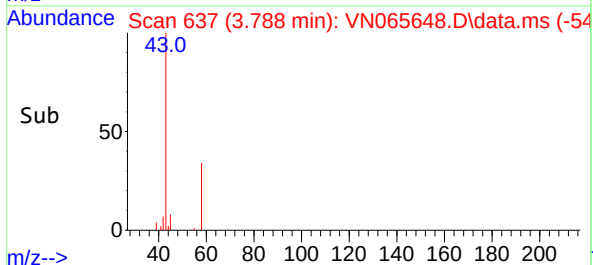
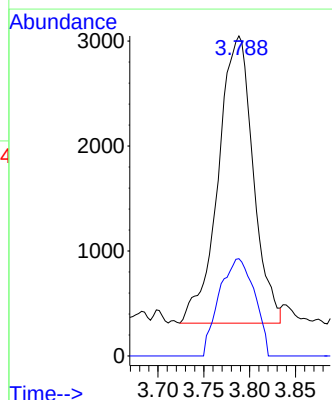
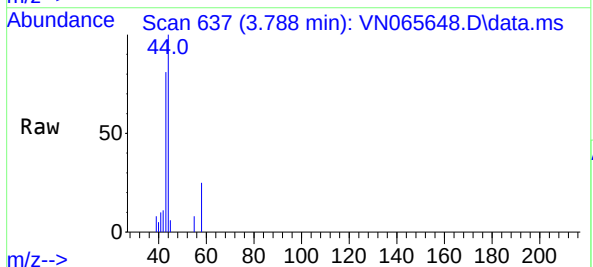
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB134373ZHE#11

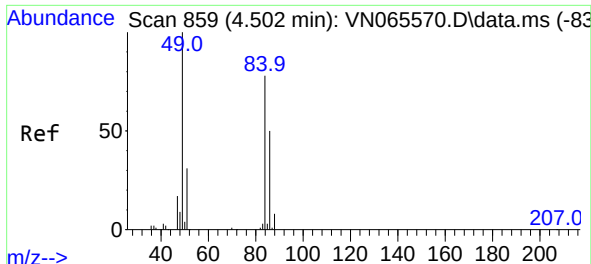
Tgt Ion:168 Resp: 210258  
Ion Ratio Lower Upper  
168 100  
99 57.5 42.6 63.8



#16  
Acetone  
Concen: 6.73 ug/l  
RT: 3.788 min Scan# 637  
Delta R.T. 0.006 min  
Lab File: VN065648.D  
Acq: 28 Jan 2021 14:38

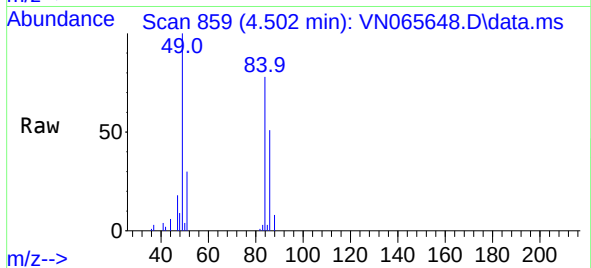
Tgt Ion: 43 Resp: 7249  
Ion Ratio Lower Upper  
43 100  
58 33.9 27.0 40.6





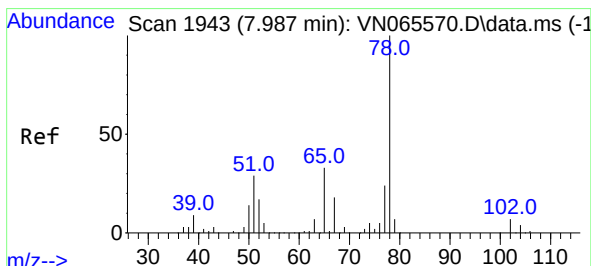
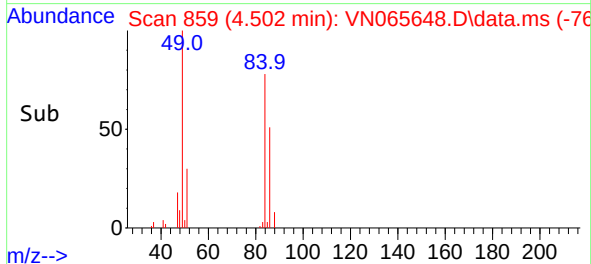
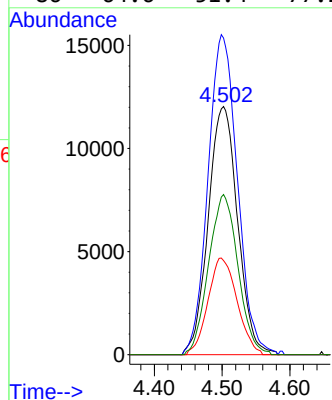
#20  
Methylene Chloride  
Concen: 12.19 ug/l  
RT: 4.502 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: VN065648.D  
Acq: 28 Jan 2021 14:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB134373ZHE#11



Tgt Ion: 84 Resp: 36357

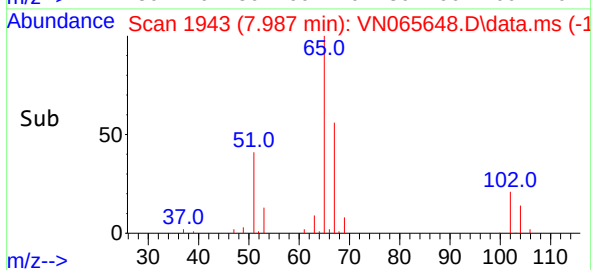
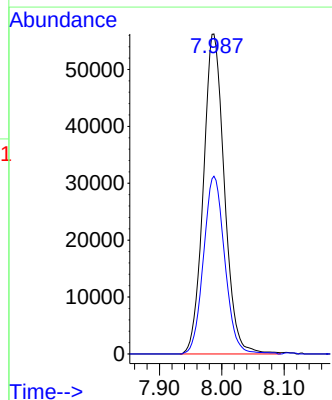
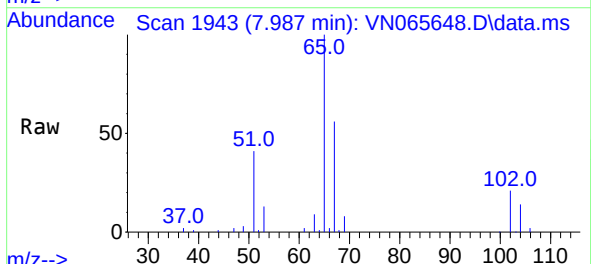
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 127.7 | 94.6  | 141.8 |
| 51  | 37.9  | 29.9  | 44.9  |
| 86  | 64.6  | 51.4  | 77.2  |

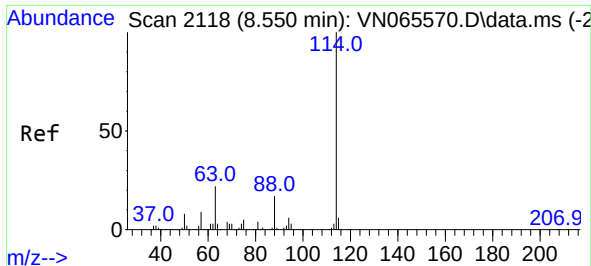


#33  
1,2-Dichloroethane-d4  
Concen: 47.67 ug/l  
RT: 7.987 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN065648.D  
Acq: 28 Jan 2021 14:38

Tgt Ion: 65 Resp: 131866

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 56.1  | 0.0   | 107.2 |



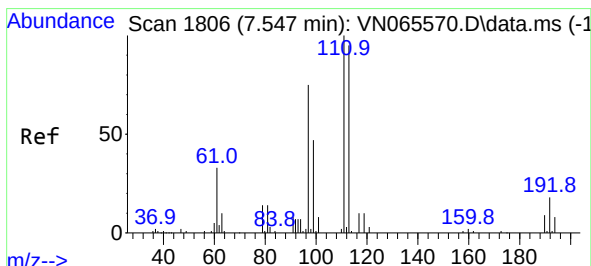
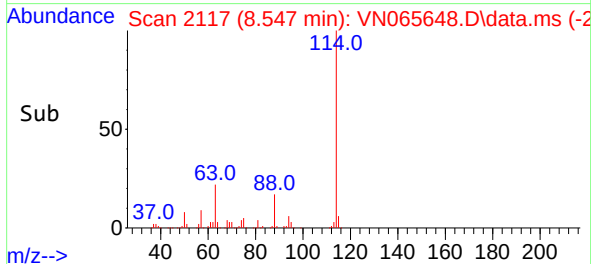
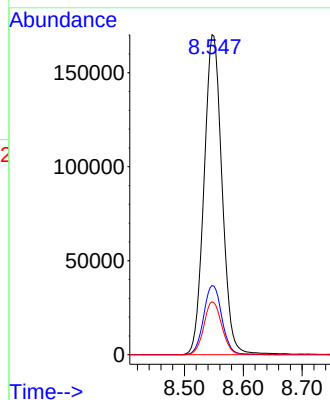
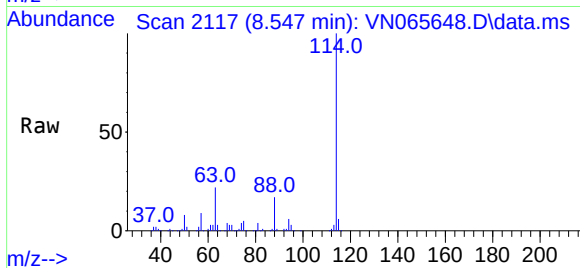


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. -0.003 min  
Lab File: VN065648.D  
Acq: 28 Jan 2021 14:38

Instrument :  
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ClientSampleId :  
PB134373ZHE#11

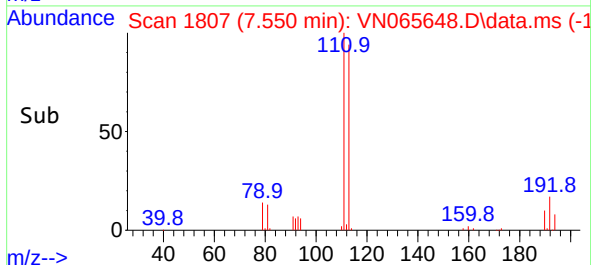
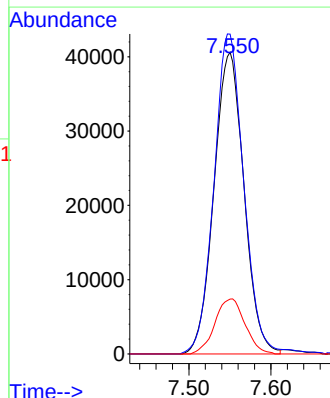
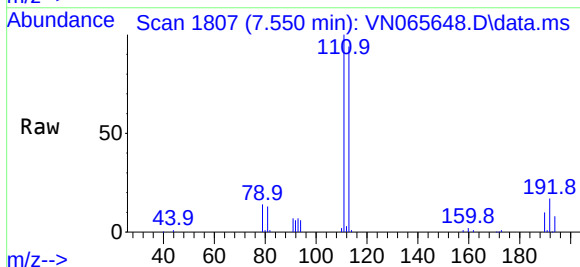
Tgt Ion:114 Resp: 361098  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 38.6  
88 16.5 0.0 30.6

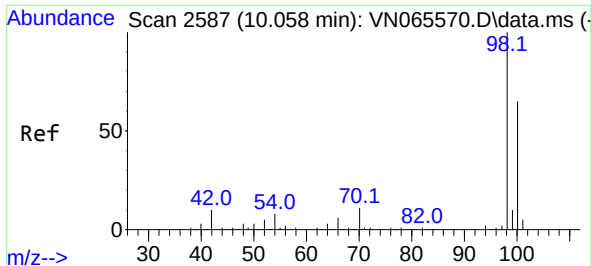


#35

Dibromofluoromethane  
Concen: 48.18 ug/l  
RT: 7.550 min Scan# 1807  
Delta R.T. 0.003 min  
Lab File: VN065648.D  
Acq: 28 Jan 2021 14:38

Tgt Ion:113 Resp: 103092  
Ion Ratio Lower Upper  
113 100  
111 105.9 82.2 123.2  
192 18.3 15.4 23.0

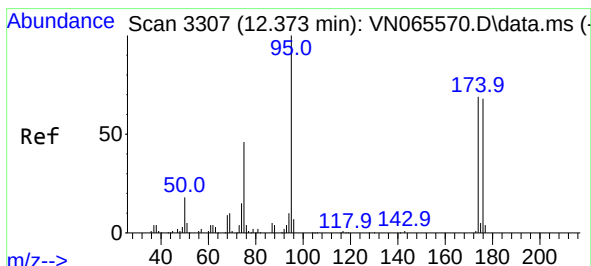
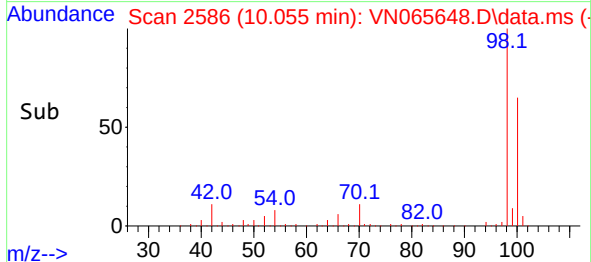
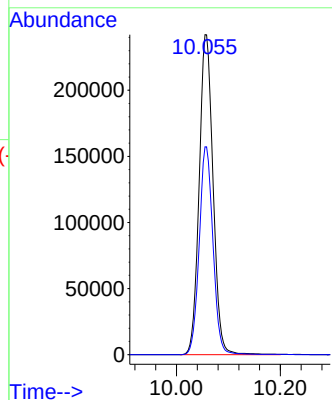
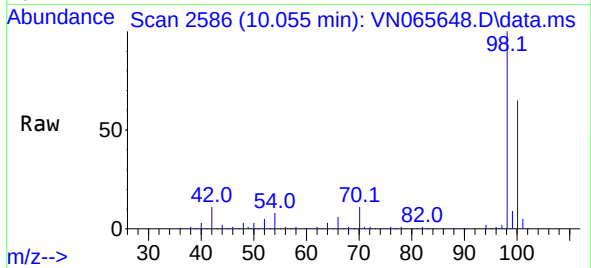




#50  
Toluene-d8  
Concen: 53.38 ug/l  
RT: 10.055 min Scan# 2586  
Delta R.T. -0.003 min  
Lab File: VN065648.D  
Acq: 28 Jan 2021 14:38

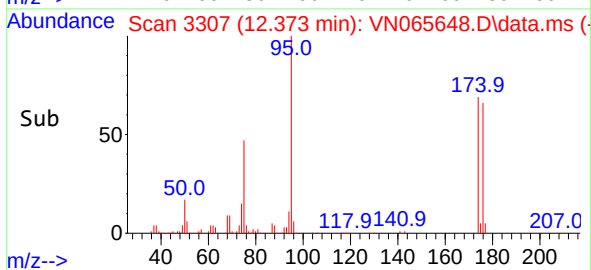
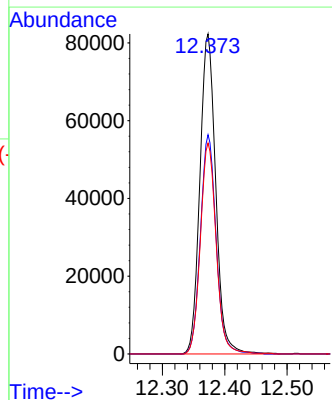
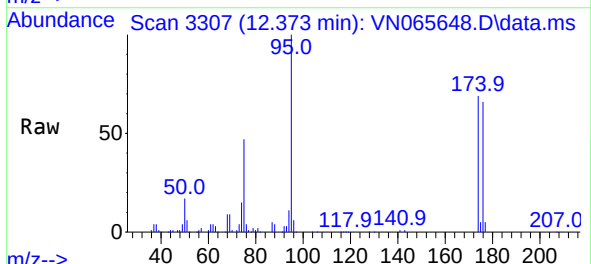
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB134373ZHE#11

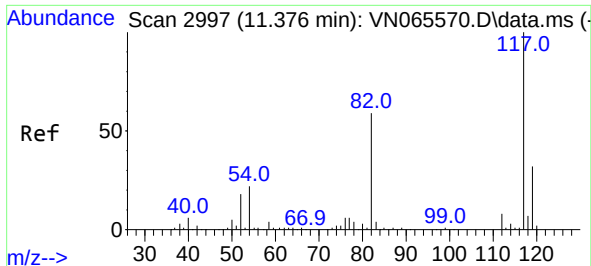
Tgt Ion: 98 Resp: 448964  
Ion Ratio Lower Upper  
98 100  
100 64.2 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 47.89 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.000 min  
Lab File: VN065648.D  
Acq: 28 Jan 2021 14:38

Tgt Ion: 95 Resp: 145052  
Ion Ratio Lower Upper  
95 100  
174 67.9 0.0 169.0  
176 65.8 0.0 162.4

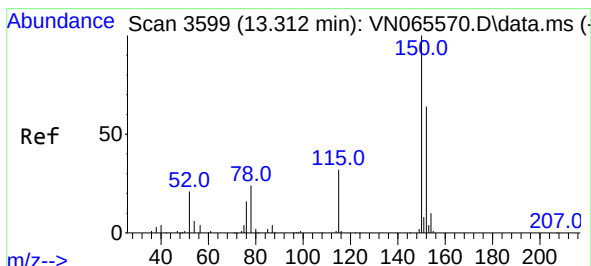
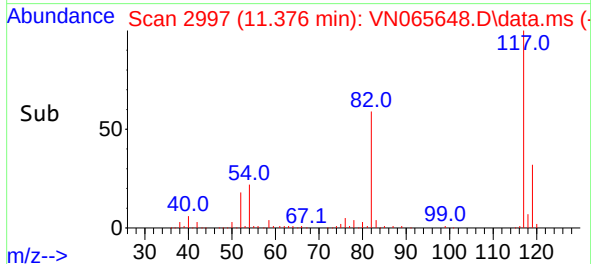
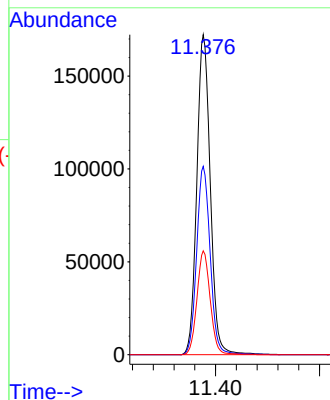
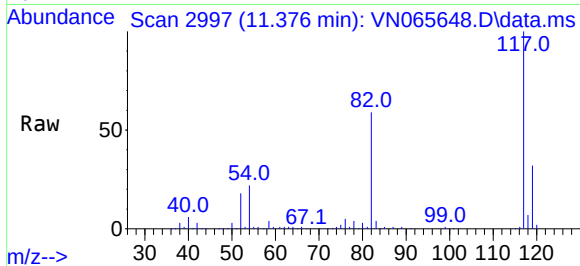




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065648.D  
Acq: 28 Jan 2021 14:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB134373ZHE#11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 310095 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.9  | 43.7  | 65.5   |
| 119      | 32.4  | 26.1  | 39.1   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.315 min Scan# 3600  
Delta R.T. 0.003 min  
Lab File: VN065648.D  
Acq: 28 Jan 2021 14:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 107743 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 61.9  | 28.5  | 85.6   |
| 150      | 159.0 | 0.0   | 347.6  |

