

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122320\  
 Data File : VN065241.D  
 Acq On : 23 Dec 2020 17:43  
 Operator : JC/MD  
 Sample : L5189-08  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 09-1-3

Quant Time: Dec 24 04:22:59 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122220w.M  
 Quant Title : Sw846 8260  
 QLast Update : Tue Dec 22 15:42:18 2020  
 Response via : Initial Calibration

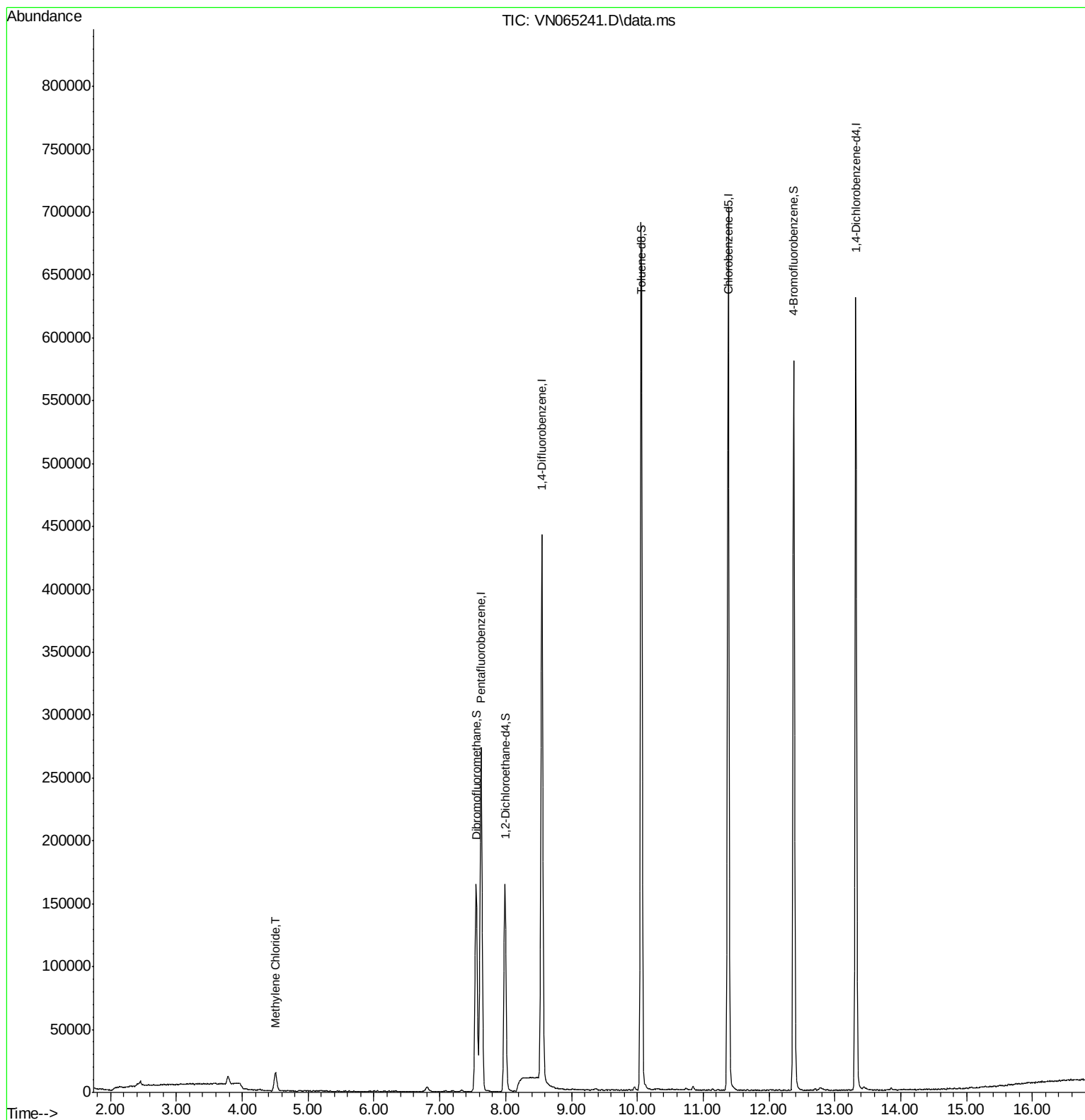
| Compound                    | R.T.   | QIon           | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|--------|----------------|----------|-------|---------|-----------|
| -----                       |        |                |          |       |         |           |
| Internal Standards          |        |                |          |       |         |           |
| 1) Pentafluorobenzene       | 7.627  | 168            | 242493   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.550  | 114            | 402919   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.380 | 117            | 421751   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.318 | 152            | 184668   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |        |                |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 7.991  | 65             | 143728   | 52.50 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =     | 105.00% |           |
| 35) Dibromofluoromethane    | 7.553  | 113            | 125046   | 51.44 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =     | 102.88% |           |
| 50) Toluene-d8              | 10.058 | 98             | 497769   | 54.64 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =     | 109.28% |           |
| 62) 4-Bromofluorobenzene    | 12.376 | 95             | 202284   | 55.51 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =     | 111.02% |           |
| Target Compounds            |        |                |          |       |         |           |
| 20) Methylene Chloride      | 4.505  | 84             | 11343    | 4.25  | ug/l    | Qvalue 99 |
| -----                       |        |                |          |       |         |           |

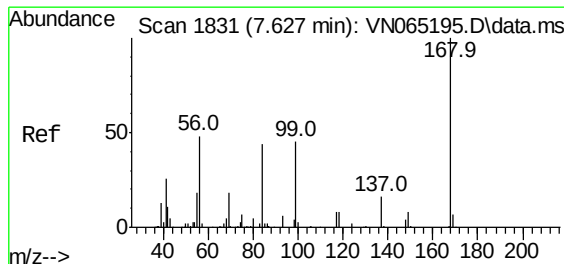
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 15:42:18 2020  
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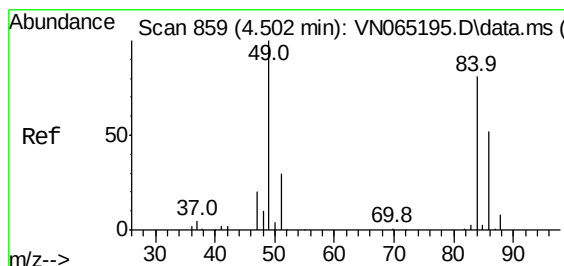
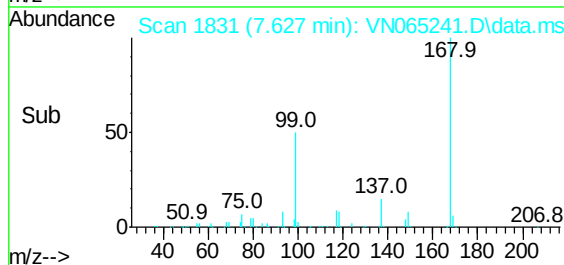
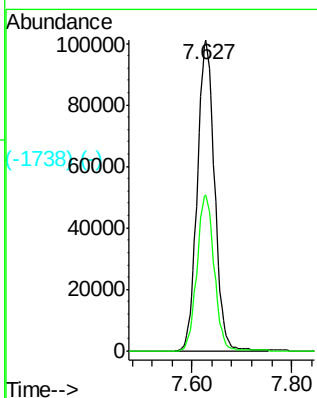
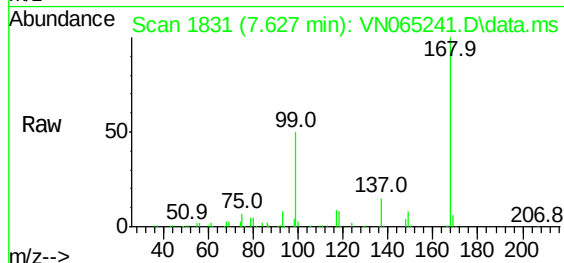




#12 (-)  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.627 min Scan# 1831  
Delta R.T. 0.000 min  
Lab File: VN065241.D  
Acq: 23 Dec 2020 17:43

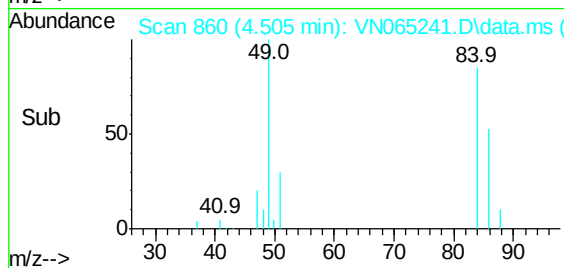
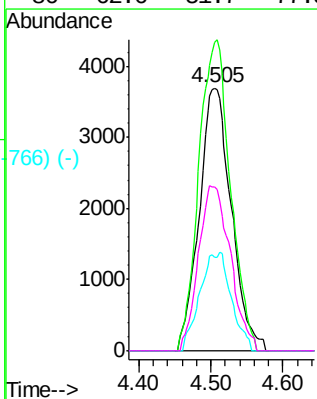
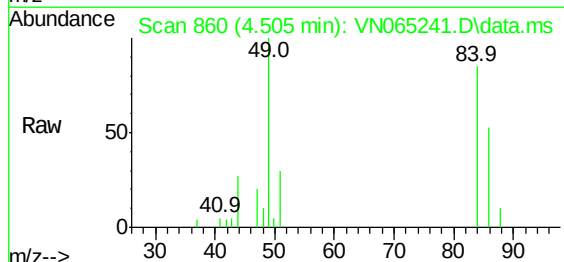
Instrument :  
MSVOA\_N  
ClientSampleId :  
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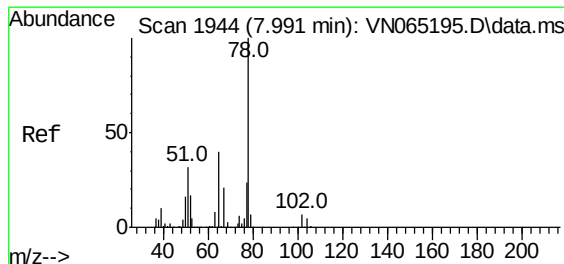
Tgt Ion:168 Resp: 242493  
Ion Ratio Lower Upper  
168 100  
99 50.1 43.0 64.4



#20 (-)  
Methylene Chloride  
Concen: 4.25 ug/l  
RT: 4.505 min Scan# 860  
Delta R.T. 0.003 min  
Lab File: VN065241.D  
Acq: 23 Dec 2020 17:43

Tgt Ion: 84 Resp: 11343  
Ion Ratio Lower Upper  
84 100  
49 117.7 93.4 140.0  
51 35.4 28.2 42.4  
86 62.6 51.7 77.5

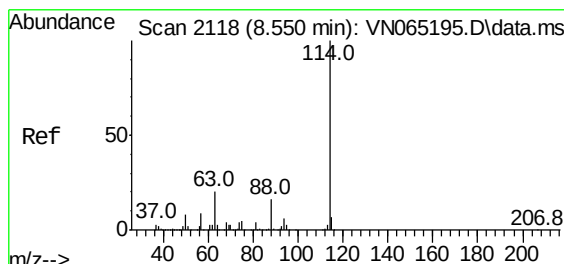
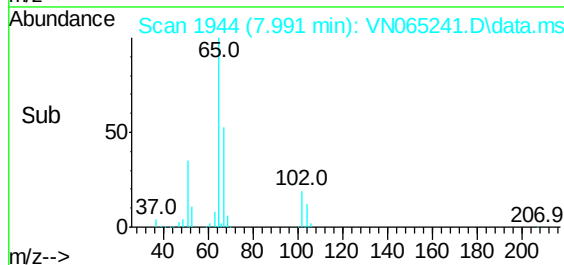
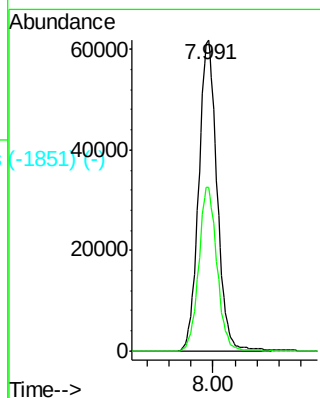
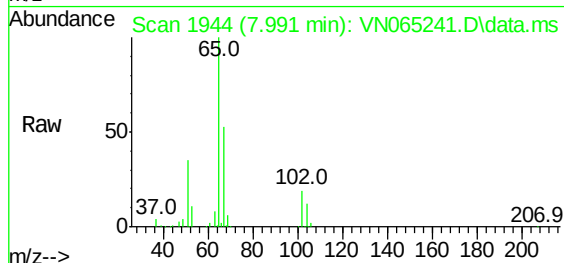




#1926 (-)  
 1,2-Dichloroethane-d4  
 Concen: 52.50 ug/l  
 RT: 7.991 min Scan# 1944  
 Delta R.T. -0.000 min  
 Lab File: VN065241.D  
 Acq: 23 Dec 2020 17:43

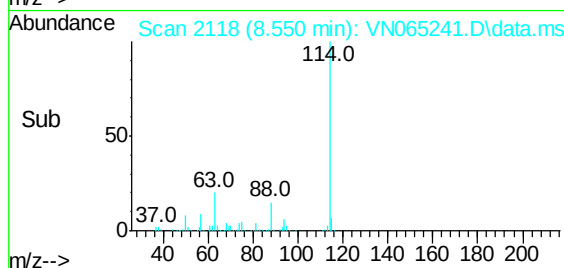
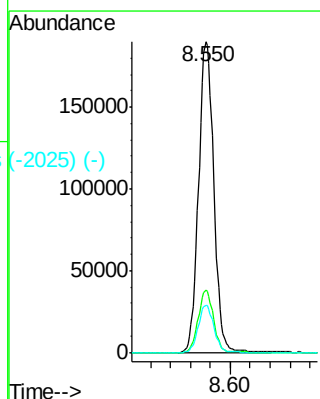
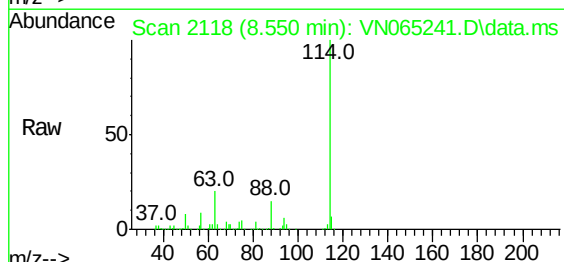
Instrument :  
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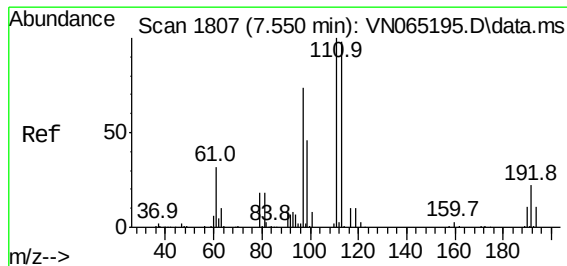
Tgt Ion: 65 Resp: 143728  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 108.2



#2101 (-)  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.550 min Scan# 2118  
 Delta R.T. 0.000 min  
 Lab File: VN065241.D  
 Acq: 23 Dec 2020 17:43

Tgt Ion:114 Resp: 402919  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 38.6  
 88 15.3 0.0 32.6

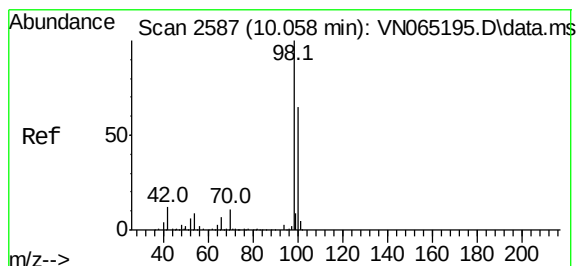
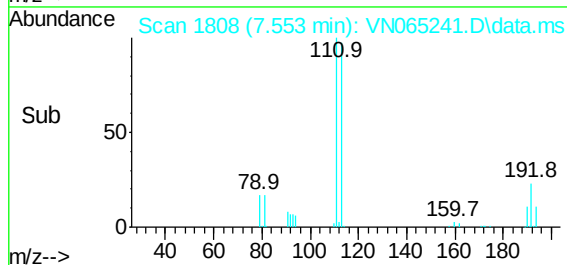
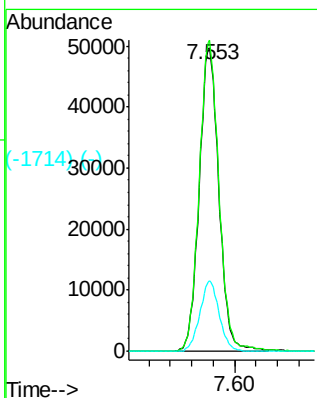
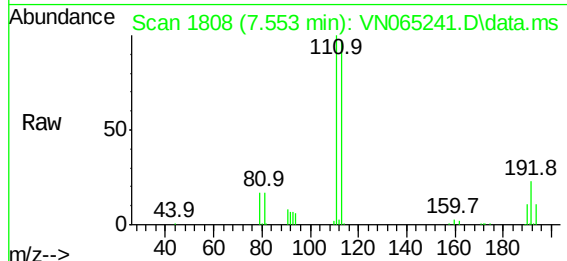




Dibromofluoromethane  
Concen: 51.44 ug/l  
RT: 7.553 min Scan# 1808  
Delta R.T. 0.003 min  
Lab File: VN065241.D  
Acq: 23 Dec 2020 17:43

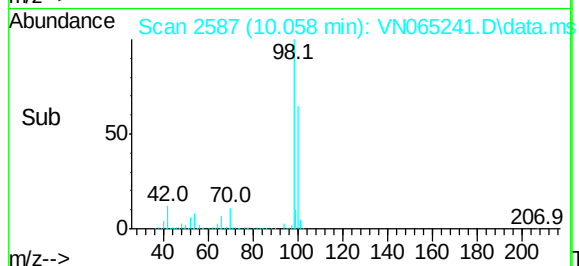
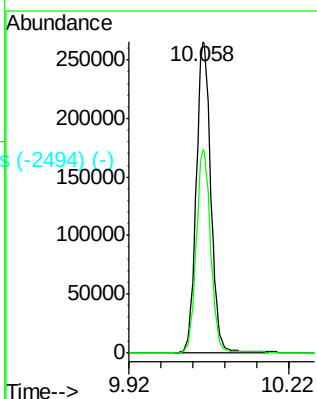
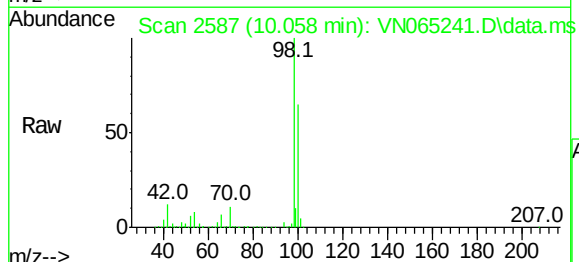
Instrument :  
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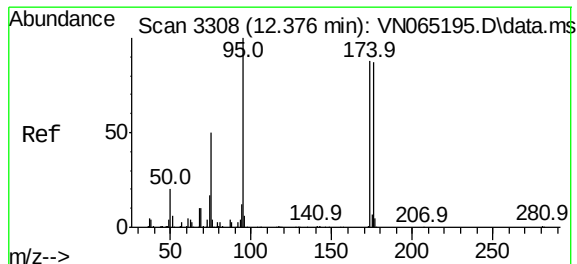
Tgt Ion:113 Resp: 125046  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.6 122.4  
192 22.4 16.2 24.2



To Luene-d8  
Concen: 54.64 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065241.D  
Acq: 23 Dec 2020 17:43

Tgt Ion: 98 Resp: 497769  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.7 77.5

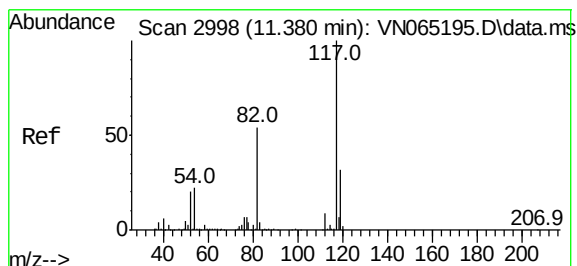
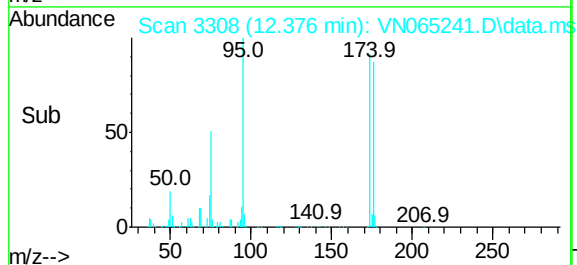
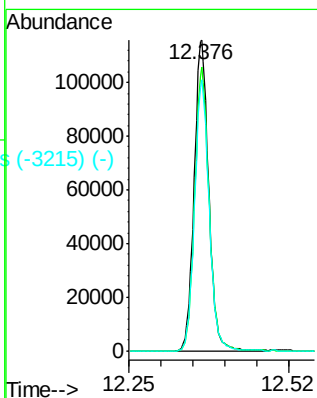
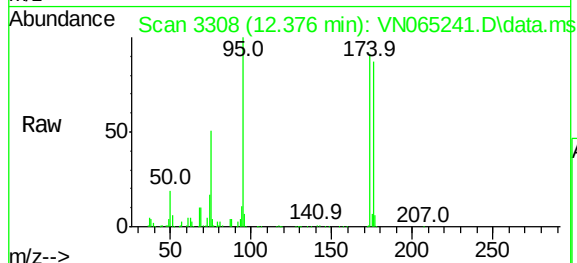




#6294 (-)  
4-Bromofluorobenzene  
Concen: 55.51 ug/l  
RT: 12.376 min Scan# 3308  
Delta R.T. 0.000 min  
Lab File: VN065241.D  
Acq: 23 Dec 2020 17:43

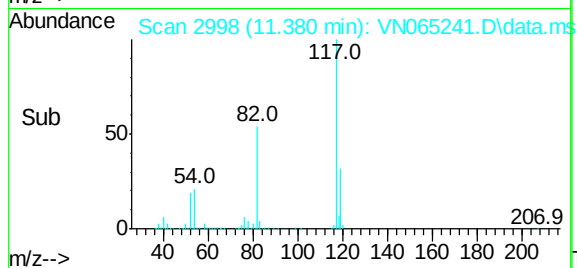
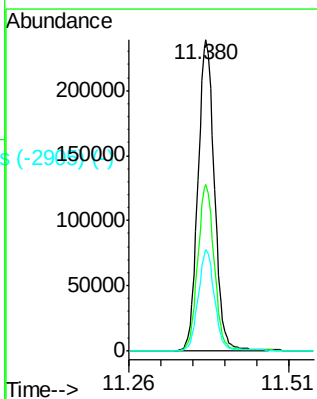
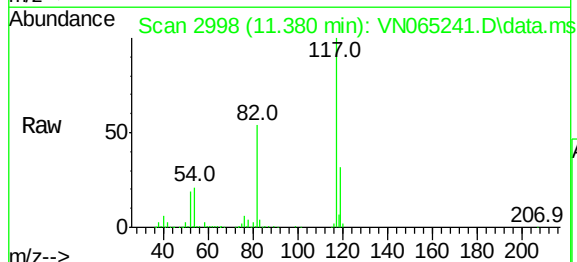
Instrument :  
MSVOA\_N  
ClientSampleId :  
09-1-3

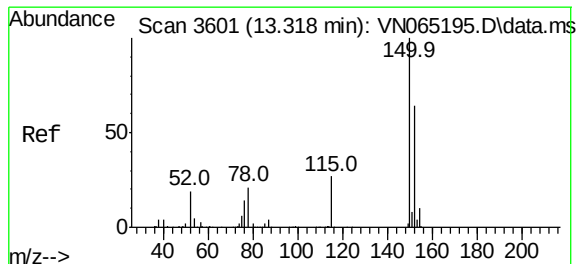
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 202284 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 90.3  | 0.0   | 160.4  |
| 176      | 87.2  | 0.0   | 158.4  |



#6293 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.380 min Scan# 2998  
Delta R.T. -0.000 min  
Lab File: VN065241.D  
Acq: 23 Dec 2020 17:43

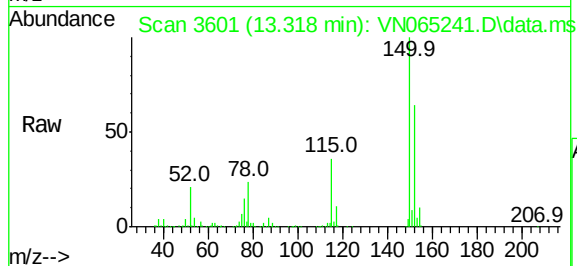
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 421751 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 53.6  | 44.2  | 66.2   |
| 119      | 32.3  | 25.8  | 38.6   |





#3601 (-)  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.318 min Scan# 3601  
 Delta R.T. 0.000 min  
 Lab File: VN065241.D  
 Acq: 23 Dec 2020 17:43

Instrument :  
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 09-1-3



Tgt Ion:152 Resp: 184668

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 55.7  | 29.7  | 89.1  |
| 150 | 156.3 | 0.0   | 350.6 |

