

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123120\  
 Data File : VN065346.D  
 Acq On : 31 Dec 2020 15:30  
 Operator : JC/MD  
 Sample : PB133875ZHE#20  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB133875ZHE#20

Quant Time: Jan 01 01:50:42 2021  
 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

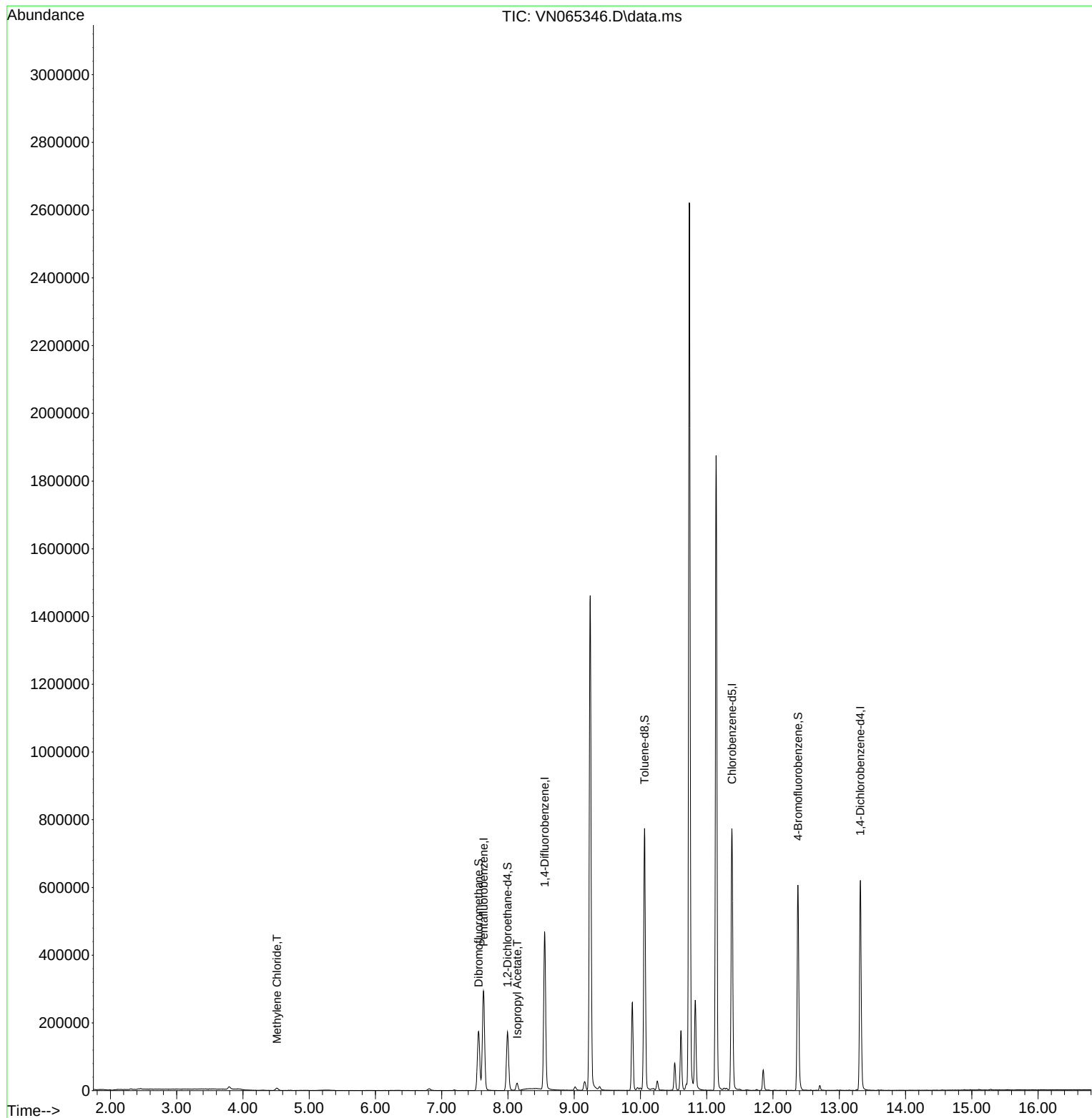
| Compound                    | R.T.           | QIon | Response           | Conc  | Units | Dev(Min) |
|-----------------------------|----------------|------|--------------------|-------|-------|----------|
| -----                       |                |      |                    |       |       |          |
| Internal Standards          |                |      |                    |       |       |          |
| 1) Pentafluorobenzene       | 7.630          | 168  | 267550             | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.553          | 114  | 445655             | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.379         | 117  | 480434             | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.318         | 152  | 192389             | 50.00 | ug/l  | 0.00     |
|                             |                |      |                    |       |       |          |
| System Monitoring Compounds |                |      |                    |       |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.994          | 65   | 150640             | 49.87 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 99.74%  |       |       |          |
| 35) Dibromofluoromethane    | 7.556          | 113  | 136195             | 50.66 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 101.32% |       |       |          |
| 50) Toluene-d8              | 10.061         | 98   | 555845             | 55.16 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 110.32% |       |       |          |
| 62) 4-Bromofluorobenzene    | 12.376         | 95   | 215855             | 53.74 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 107.48% |       |       |          |
|                             |                |      |                    |       |       |          |
| Target Compounds            |                |      |                    |       |       |          |
| 20) Methylene Chloride      | 4.515          | 84   | 5580               | 1.89  | ug/l  | 96       |
| 43) Isopropyl Acetate       | 8.138          | 43   | 25824              | 3.73  | ug/l  | 98       |
| -----                       |                |      |                    |       |       |          |

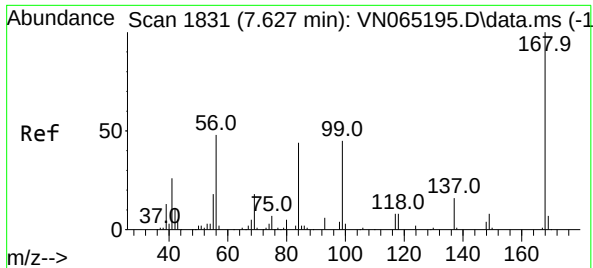
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123120\  
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Sample : PB133875ZHE#20  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB133875ZHE#20

Quant Time: Jan 01 01:50:42 2021  
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

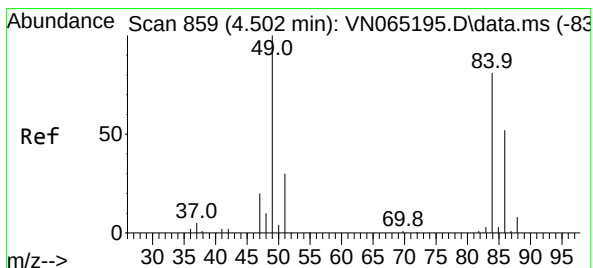
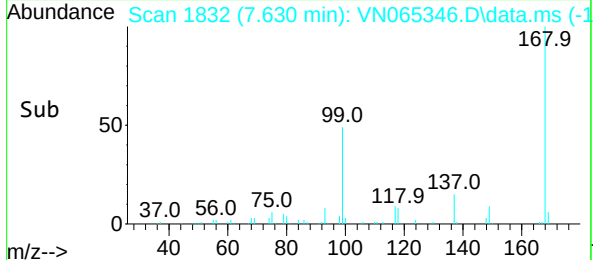
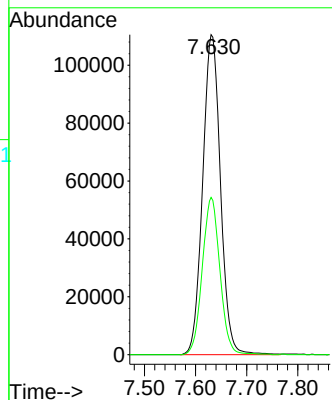
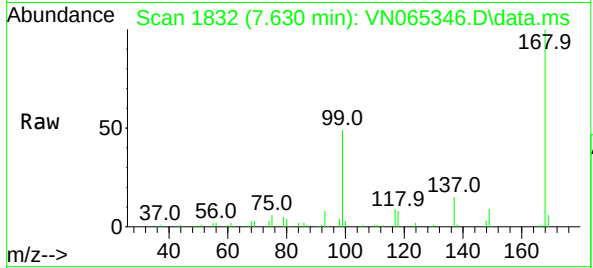




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.630 min Scan# 1832  
Delta R.T. 0.003 min  
Lab File: VN065346.D  
Acq: 31 Dec 2020 15:30

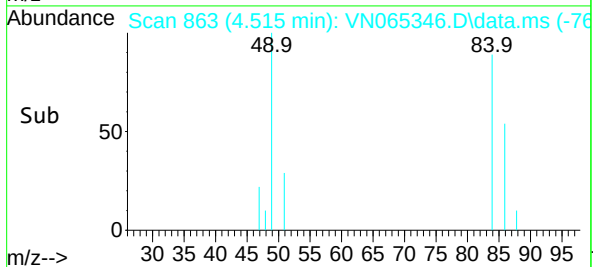
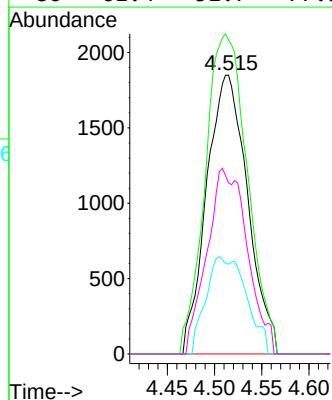
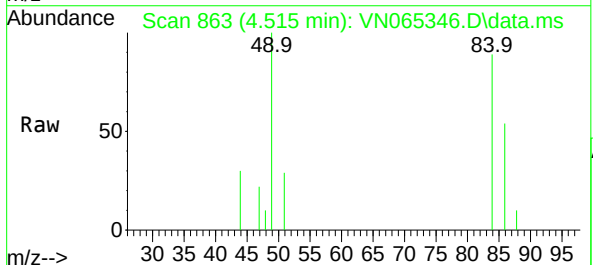
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB133875ZHE#20

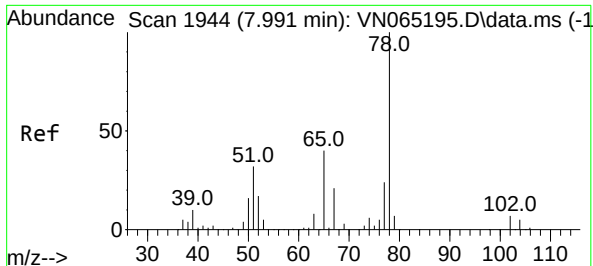
Tgt Ion:168 Resp: 267550  
Ion Ratio Lower Upper  
168 100  
99 49.1 43.0 64.4



#20  
Methylene Chloride  
Concen: 1.89 ug/l  
RT: 4.515 min Scan# 863  
Delta R.T. 0.013 min  
Lab File: VN065346.D  
Acq: 31 Dec 2020 15:30

Tgt Ion: 84 Resp: 5580  
Ion Ratio Lower Upper  
84 100  
49 112.6 93.4 140.0  
51 32.2 28.2 42.4  
86 61.4 51.7 77.5

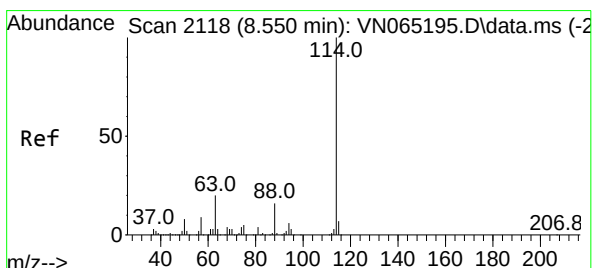
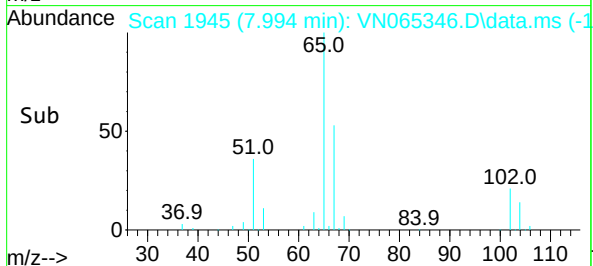
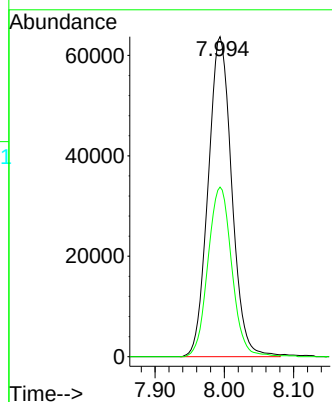
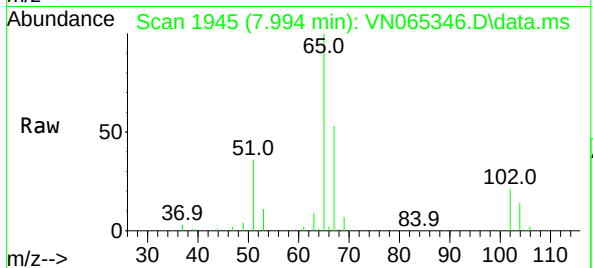




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.87 ug/l  
 RT: 7.994 min Scan# 1945  
 Delta R.T. 0.003 min  
 Lab File: VN065346.D  
 Acq: 31 Dec 2020 15:30

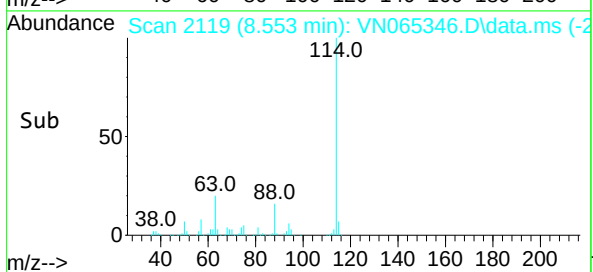
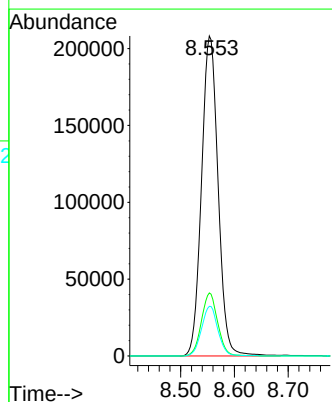
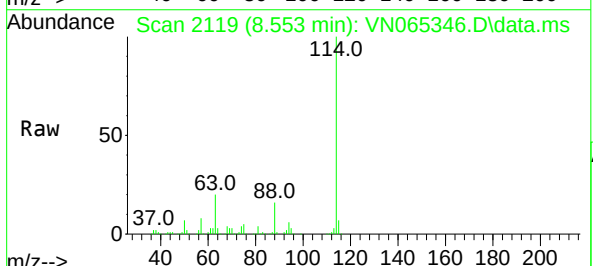
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB133875ZHE#20

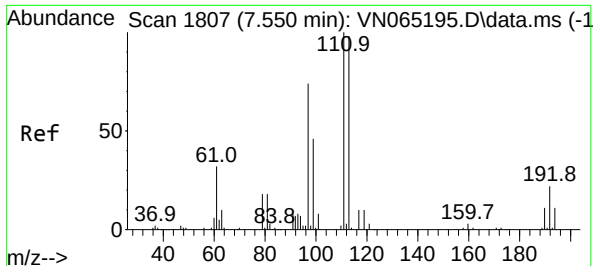
Tgt Ion: 65 Resp: 150640  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 108.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.553 min Scan# 2119  
 Delta R.T. 0.003 min  
 Lab File: VN065346.D  
 Acq: 31 Dec 2020 15:30

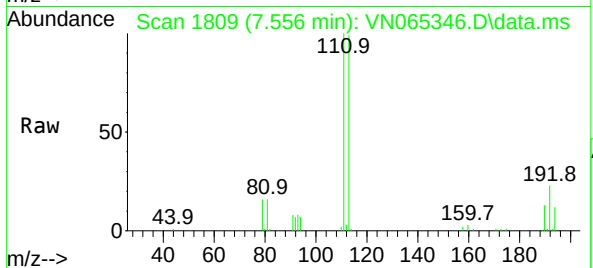
Tgt Ion: 114 Resp: 445655  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 38.6  
 88 15.5 0.0 32.6



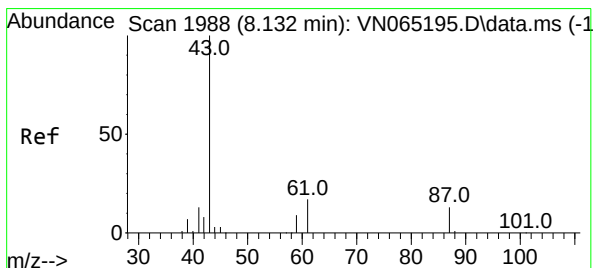
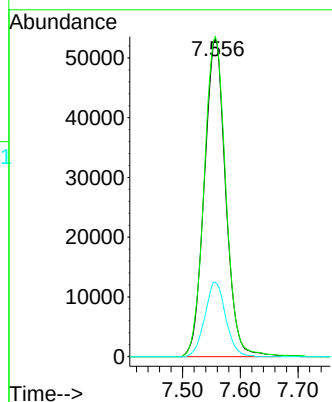
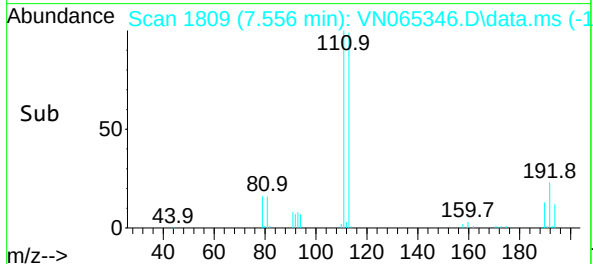


#35  
Dibromofluoromethane  
Concen: 50.66 ug/l  
RT: 7.556 min Scan# 1809  
Delta R.T. 0.006 min  
Lab File: VN065346.D  
Acq: 31 Dec 2020 15:30

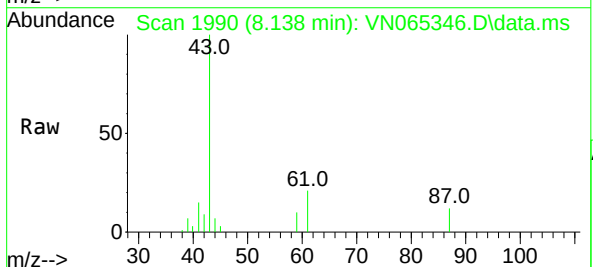
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB133875ZHE#20



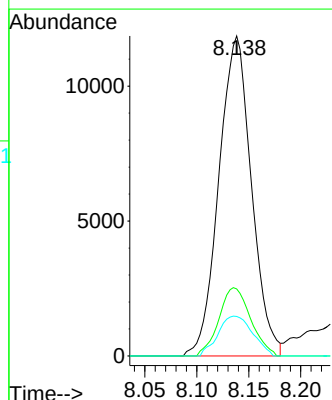
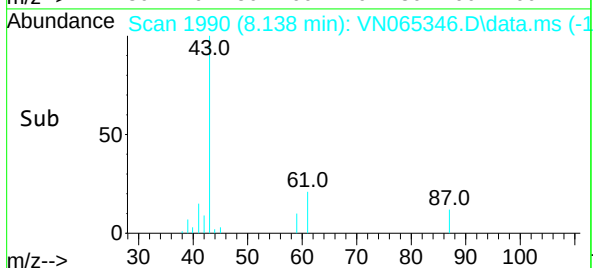
Tgt Ion:113 Resp: 136195  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.6 122.4  
192 23.0 16.2 24.2

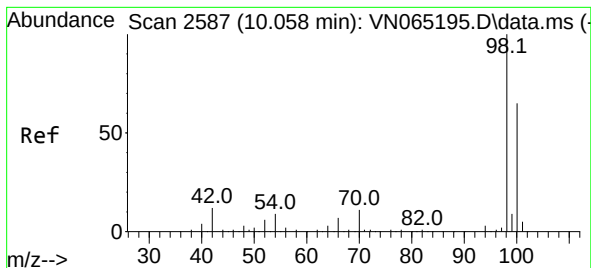


#43  
Isopropyl Acetate  
Concen: 3.73 ug/l  
RT: 8.138 min Scan# 1990  
Delta R.T. 0.006 min  
Lab File: VN065346.D  
Acq: 31 Dec 2020 15:30



Tgt Ion: 43 Resp: 25824  
Ion Ratio Lower Upper  
43 100  
61 20.9 17.2 25.8  
87 13.2 11.4 17.0

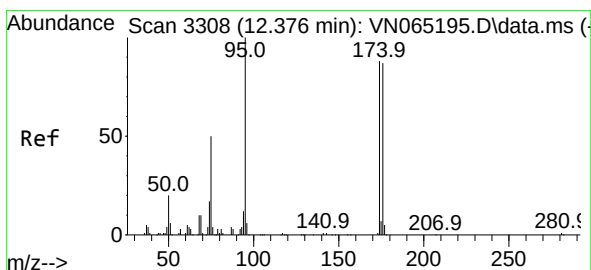
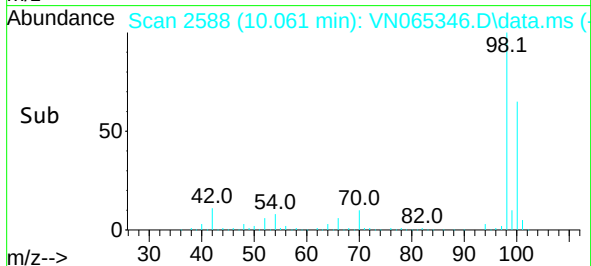
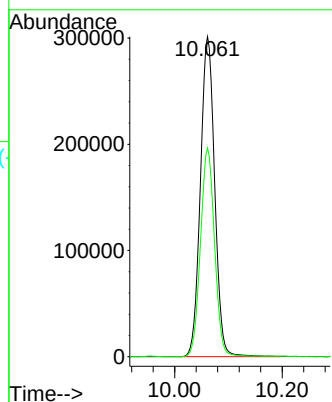
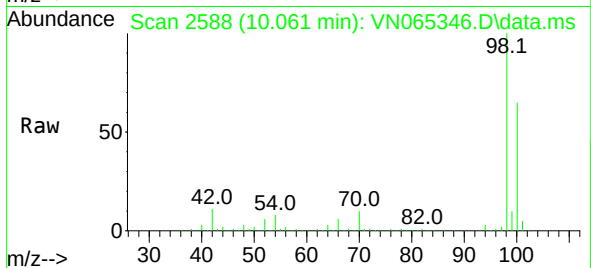




#50  
Toluene-d8  
Concen: 55.16 ug/l  
RT: 10.061 min Scan# 2588  
Delta R.T. 0.003 min  
Lab File: VN065346.D  
Acq: 31 Dec 2020 15:30

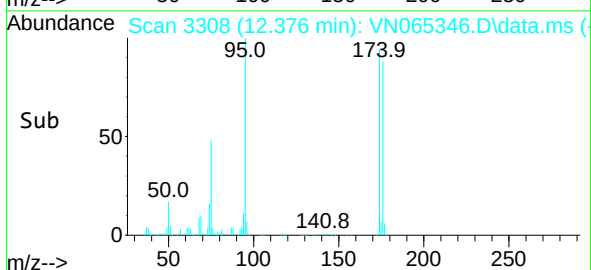
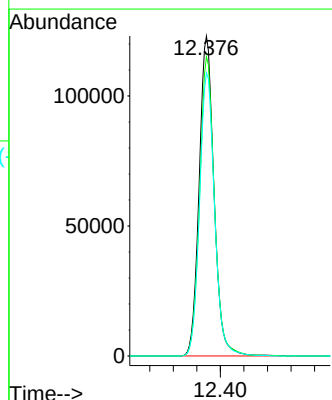
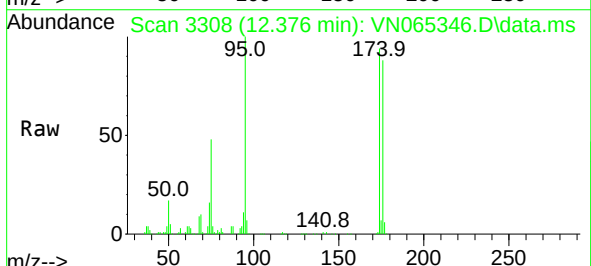
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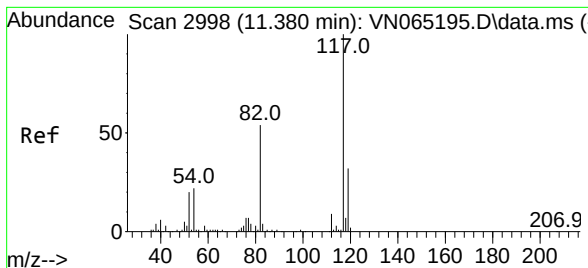
Tgt Ion: 98 Resp: 555845  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 53.74 ug/l  
RT: 12.376 min Scan# 3308  
Delta R.T. 0.000 min  
Lab File: VN065346.D  
Acq: 31 Dec 2020 15:30

Tgt Ion: 95 Resp: 215855  
Ion Ratio Lower Upper  
95 100  
174 93.1 0.0 160.4  
176 89.3 0.0 158.4

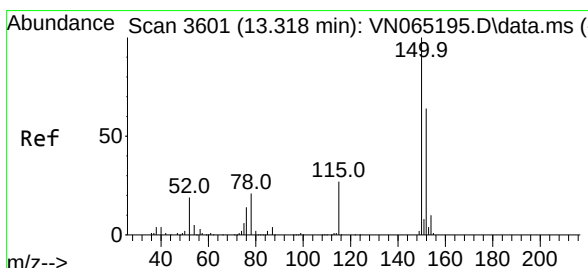
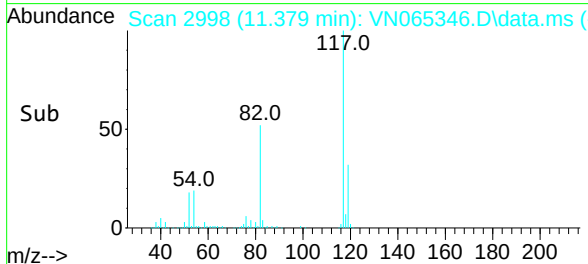
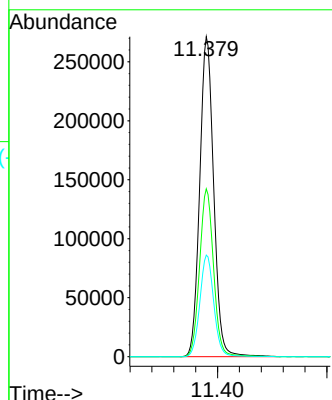
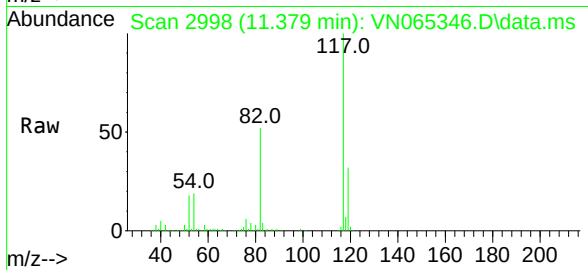




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.379 min Scan# 2998  
Delta R.T. -0.001 min  
Lab File: VN065346.D  
Acq: 31 Dec 2020 15:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB133875ZHE#20

Tgt Ion:117 Resp: 480434  
Ion Ratio Lower Upper  
117 100  
82 52.4 44.2 66.2  
119 31.7 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.318 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: VN065346.D  
Acq: 31 Dec 2020 15:30

Tgt Ion:152 Resp: 192389  
Ion Ratio Lower Upper  
152 100  
115 54.5 29.7 89.1  
150 157.8 0.0 350.6

