

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011521\  
 Data File : VN065526.D  
 Acq On : 15 Jan 2021 16:47  
 Operator : JC/MD  
 Sample : PB134160ZHE#12  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB134160ZHE#12

Quant Time: Jan 15 23:42:45 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

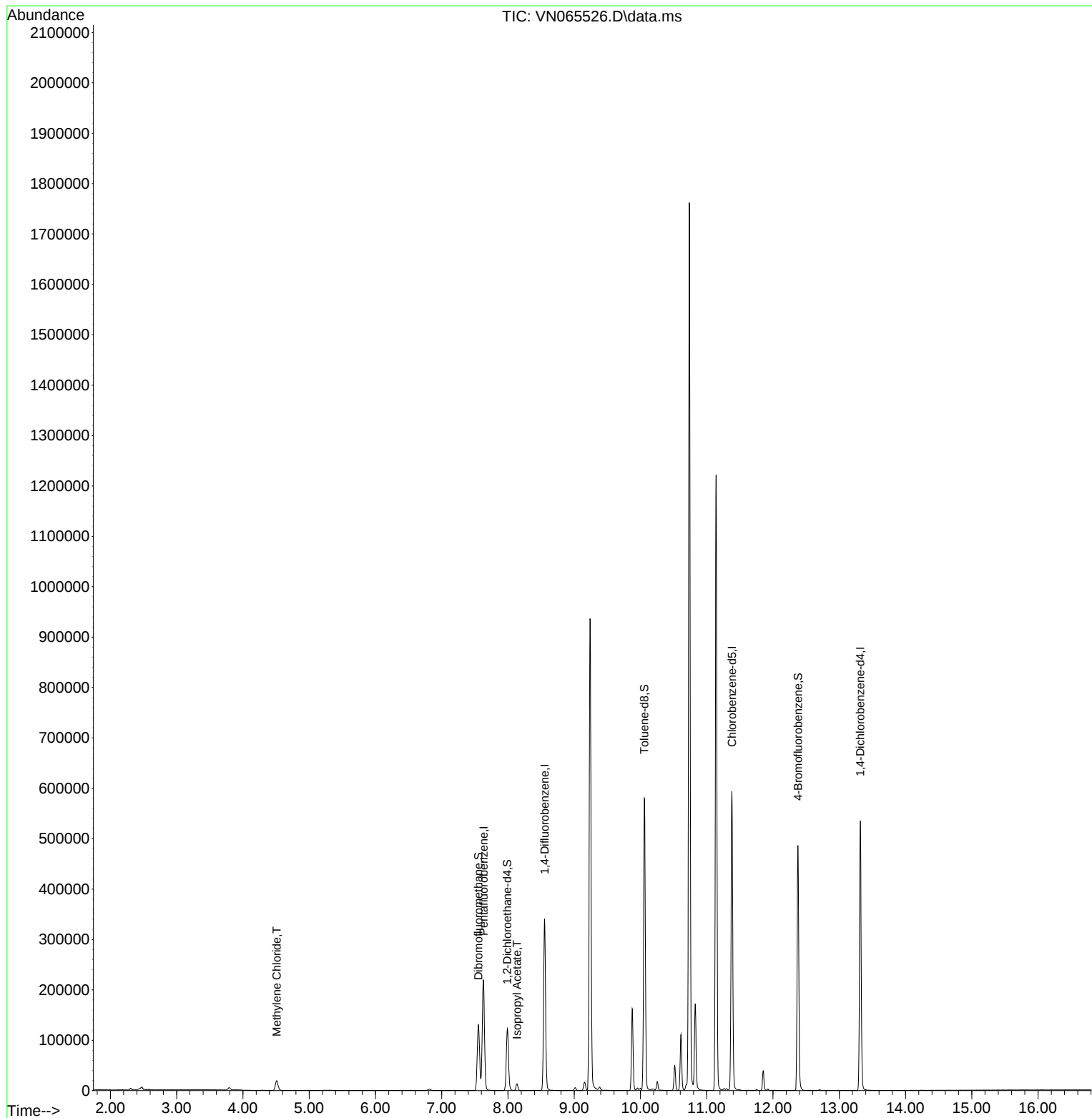
| Compound                    | R.T.           | QIon | Response           | Conc  | Units | Dev(Min) |
|-----------------------------|----------------|------|--------------------|-------|-------|----------|
| -----                       |                |      |                    |       |       |          |
| Internal Standards          |                |      |                    |       |       |          |
| 1) Pentafluorobenzene       | 7.631          | 168  | 204813             | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.553          | 114  | 334811             | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.380         | 117  | 376348             | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.318         | 152  | 167519             | 50.00 | ug/l  | 0.00     |
|                             |                |      |                    |       |       |          |
| System Monitoring Compounds |                |      |                    |       |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.991          | 65   | 107090             | 46.32 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 92.64%  |       |       |          |
| 35) Dibromofluoromethane    | 7.553          | 113  | 102939             | 50.96 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 101.92% |       |       |          |
| 50) Toluene-d8              | 10.058         | 98   | 426678             | 56.36 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 112.72% |       |       |          |
| 62) 4-Bromofluorobenzene    | 12.376         | 95   | 171121             | 56.42 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 112.84% |       |       |          |
|                             |                |      |                    |       |       |          |
| Target Compounds            |                |      |                    |       |       |          |
| 20) Methylene Chloride      | 4.508          | 84   | 15416              | 6.83  | ug/l  | 97       |
| 43) Isopropyl Acetate       | 8.135          | 43   | 15619              | 3.00  | ug/l  | 98       |
| -----                       |                |      |                    |       |       |          |

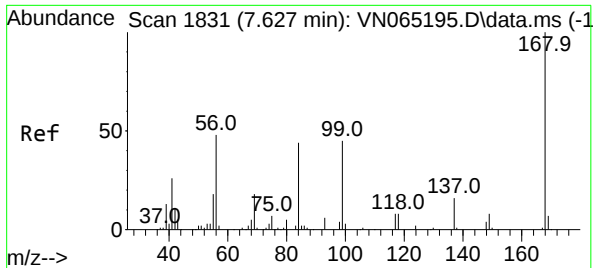
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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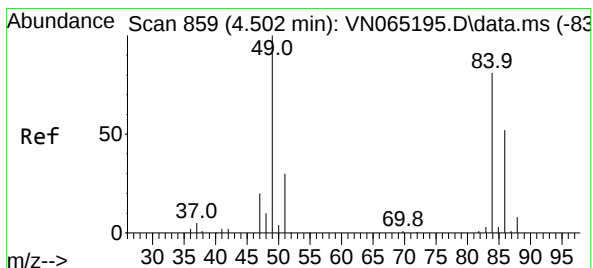
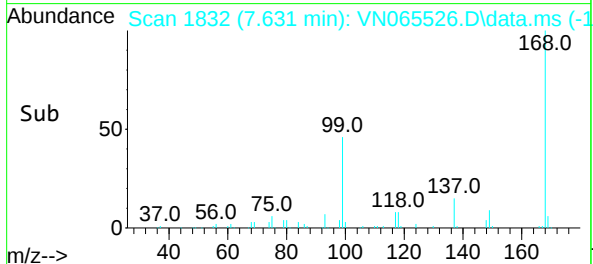
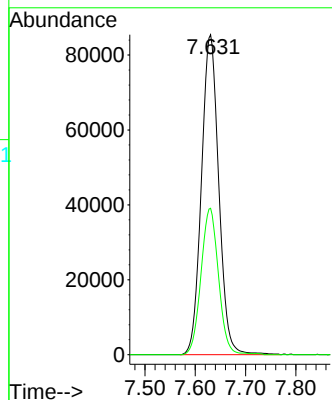
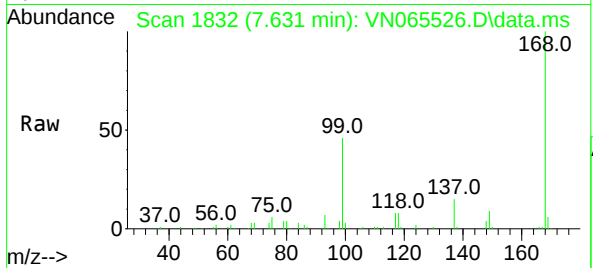




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.631 min Scan# 1832  
Delta R.T. 0.004 min  
Lab File: VN065526.D  
Acq: 15 Jan 2021 16:47

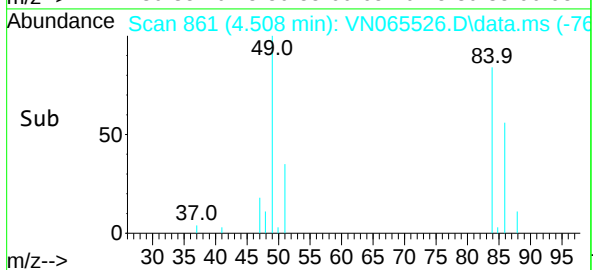
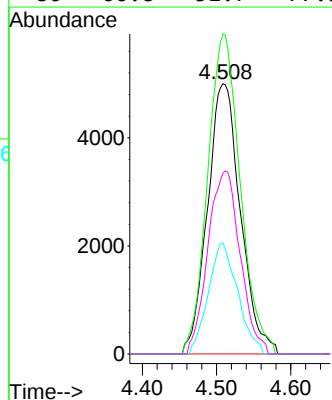
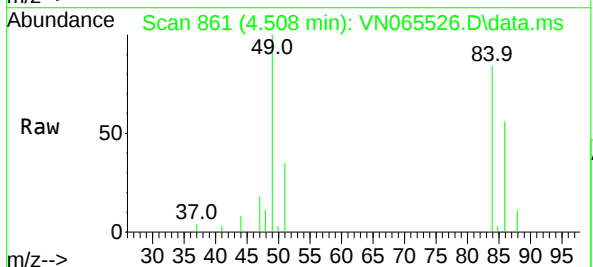
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB134160ZHE#12

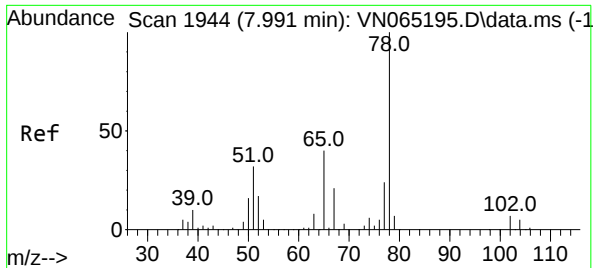
Tgt Ion:168 Resp: 204813  
Ion Ratio Lower Upper  
168 100  
99 45.7 43.0 64.4



#20  
Methylene Chloride  
Concen: 6.83 ug/l  
RT: 4.508 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VN065526.D  
Acq: 15 Jan 2021 16:47

Tgt Ion: 84 Resp: 15416  
Ion Ratio Lower Upper  
84 100  
49 118.4 93.4 140.0  
51 41.1 28.2 42.4  
86 66.8 51.7 77.5

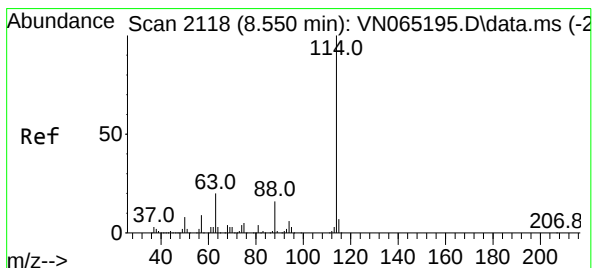
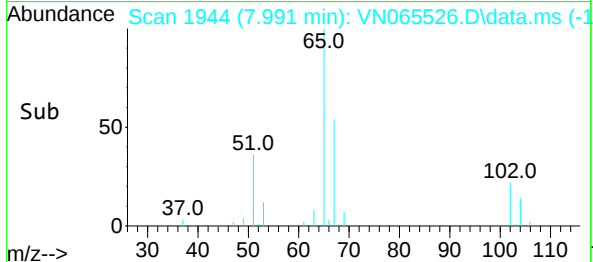
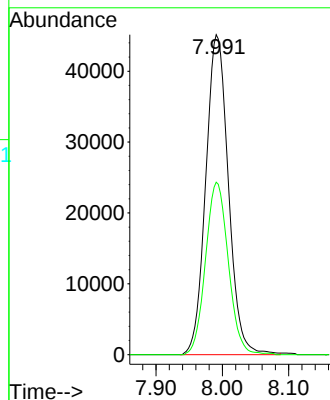
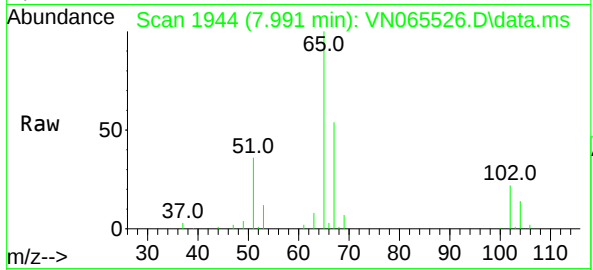




#33  
1,2-Dichloroethane-d4  
Concen: 46.32 ug/l  
RT: 7.991 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VN065526.D  
Acq: 15 Jan 2021 16:47

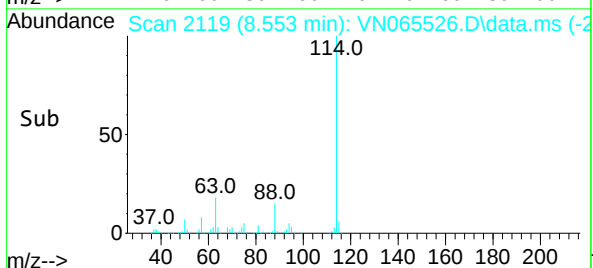
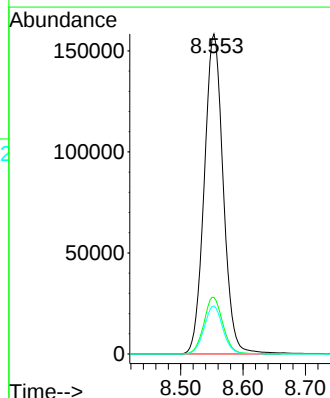
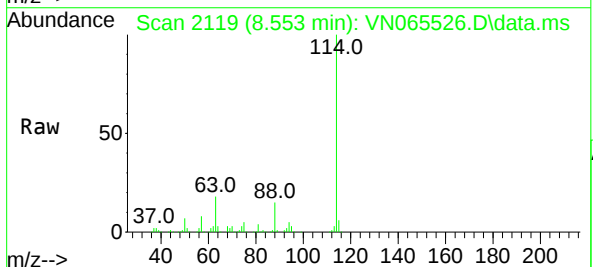
Instrument :  
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ClientSampleId :  
PB134160ZHE#12

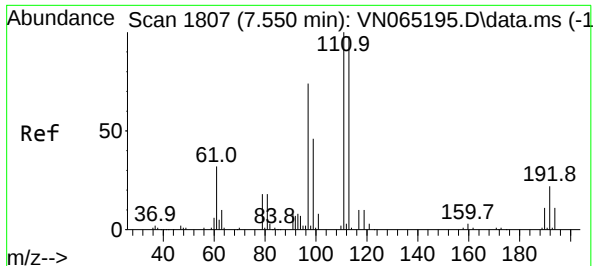
Tgt Ion: 65 Resp: 107090  
Ion Ratio Lower Upper  
65 100  
67 54.3 0.0 108.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.553 min Scan# 2119  
Delta R.T. 0.003 min  
Lab File: VN065526.D  
Acq: 15 Jan 2021 16:47

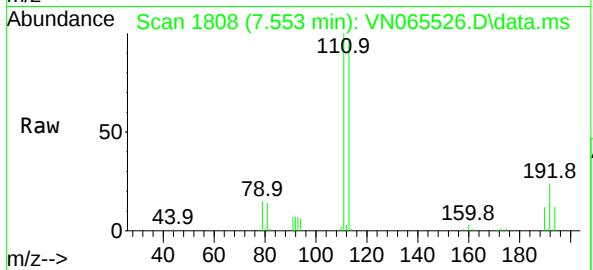
Tgt Ion: 114 Resp: 334811  
Ion Ratio Lower Upper  
114 100  
63 17.6 0.0 38.6  
88 15.0 0.0 32.6



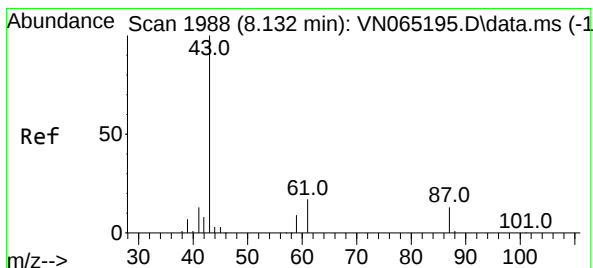
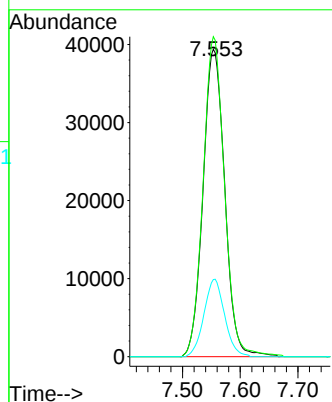
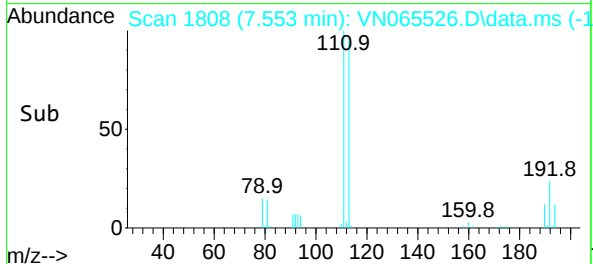


#35  
Dibromofluoromethane  
Concen: 50.96 ug/l  
RT: 7.553 min Scan# 1808  
Delta R.T. 0.003 min  
Lab File: VN065526.D  
Acq: 15 Jan 2021 16:47

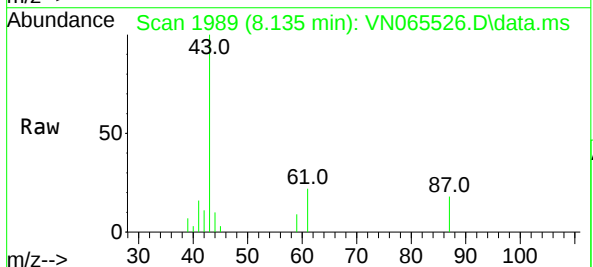
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB134160ZHE#12



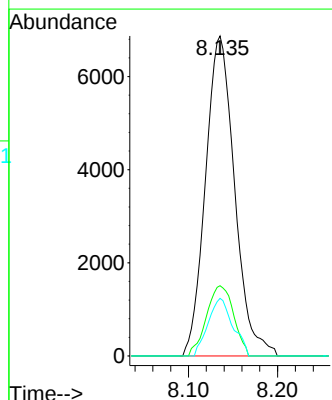
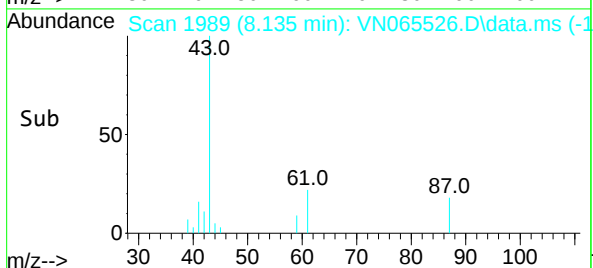
Tgt Ion:113 Resp: 102939  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.6 122.4  
192 24.0 16.2 24.2

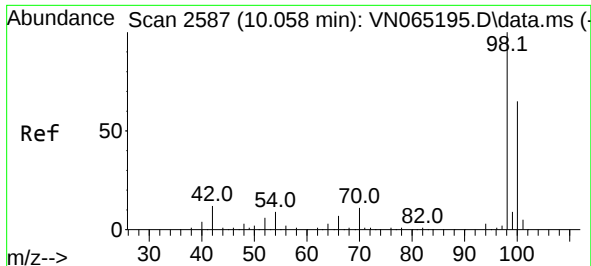


#43  
Isopropyl Acetate  
Concen: 3.00 ug/l  
RT: 8.135 min Scan# 1989  
Delta R.T. 0.003 min  
Lab File: VN065526.D  
Acq: 15 Jan 2021 16:47



Tgt Ion: 43 Resp: 15619  
Ion Ratio Lower Upper  
43 100  
61 20.4 17.2 25.8  
87 15.3 11.4 17.0

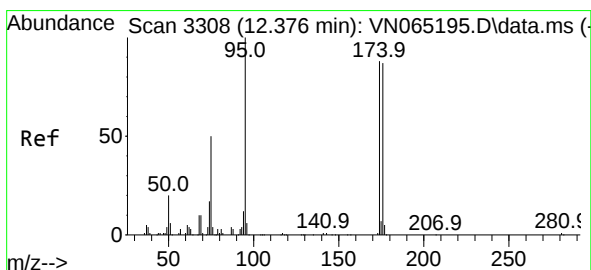
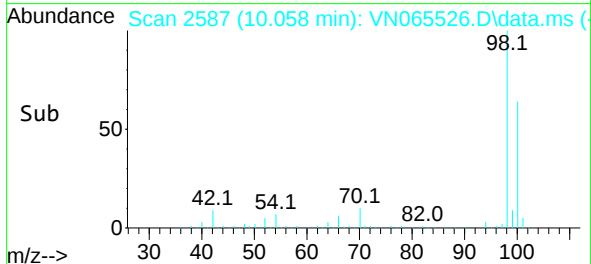
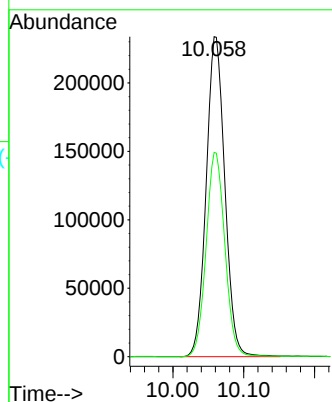
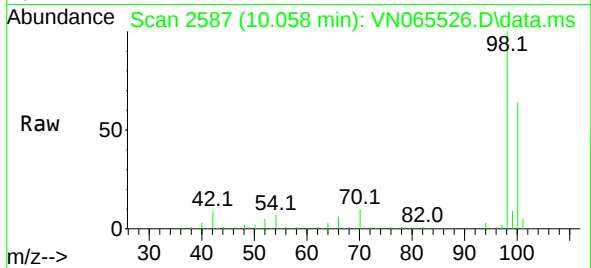




#50  
Toluene-d8  
Concen: 56.36 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065526.D  
Acq: 15 Jan 2021 16:47

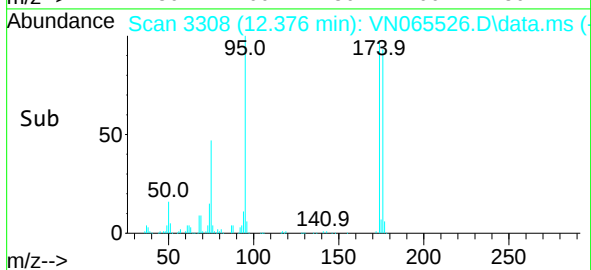
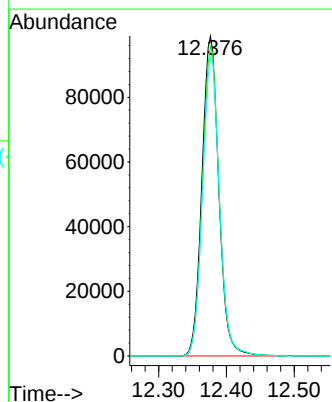
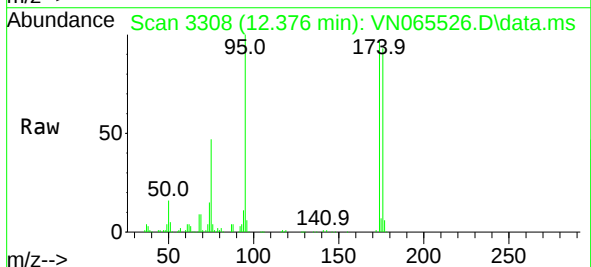
Instrument :  
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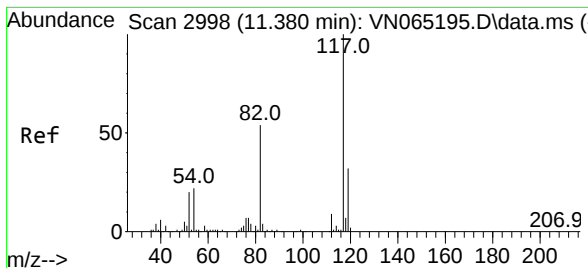
Tgt Ion: 98 Resp: 426678  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 56.42 ug/l  
RT: 12.376 min Scan# 3308  
Delta R.T. 0.000 min  
Lab File: VN065526.D  
Acq: 15 Jan 2021 16:47

Tgt Ion: 95 Resp: 171121  
Ion Ratio Lower Upper  
95 100  
174 96.8 0.0 160.4  
176 93.9 0.0 158.4

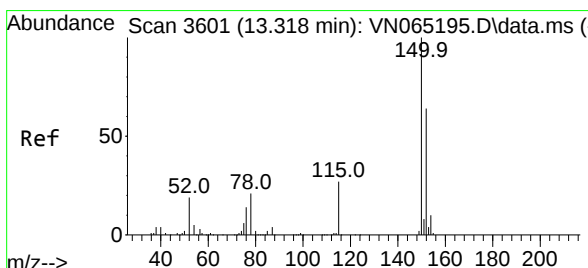
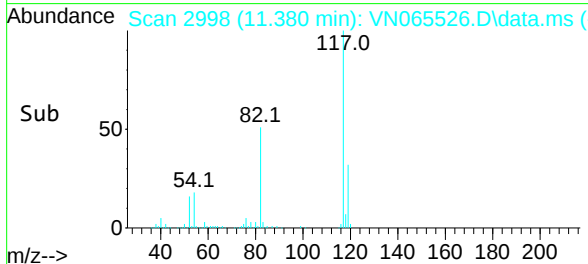
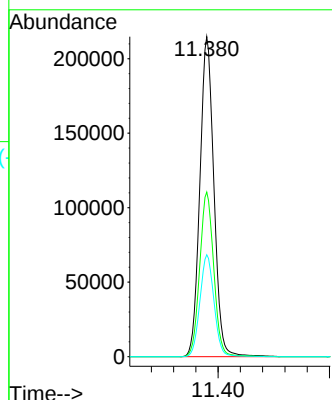
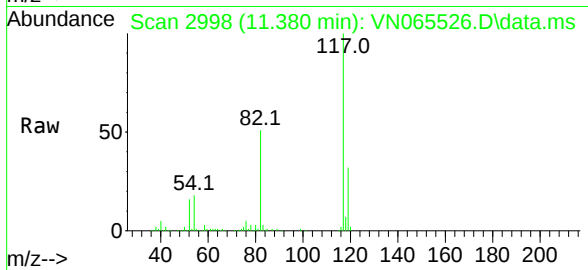




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.380 min Scan# 2998  
Delta R.T. -0.000 min  
Lab File: VN065526.D  
Acq: 15 Jan 2021 16:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB134160ZHE#12

Tgt Ion:117 Resp: 376348  
Ion Ratio Lower Upper  
117 100  
82 51.4 44.2 66.2  
119 31.8 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: VN065526.D  
Acq: 15 Jan 2021 16:47

Tgt Ion:152 Resp: 167519  
Ion Ratio Lower Upper  
152 100  
115 54.2 29.7 89.1  
150 156.1 0.0 350.6

