

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123020\  
 Data File : VN065328.D  
 Acq On : 30 Dec 2020 18:26  
 Operator : JC/MD  
 Sample : PB133547ZHE#07  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB133547ZHE#07

Quant Time: Dec 31 03:05:13 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

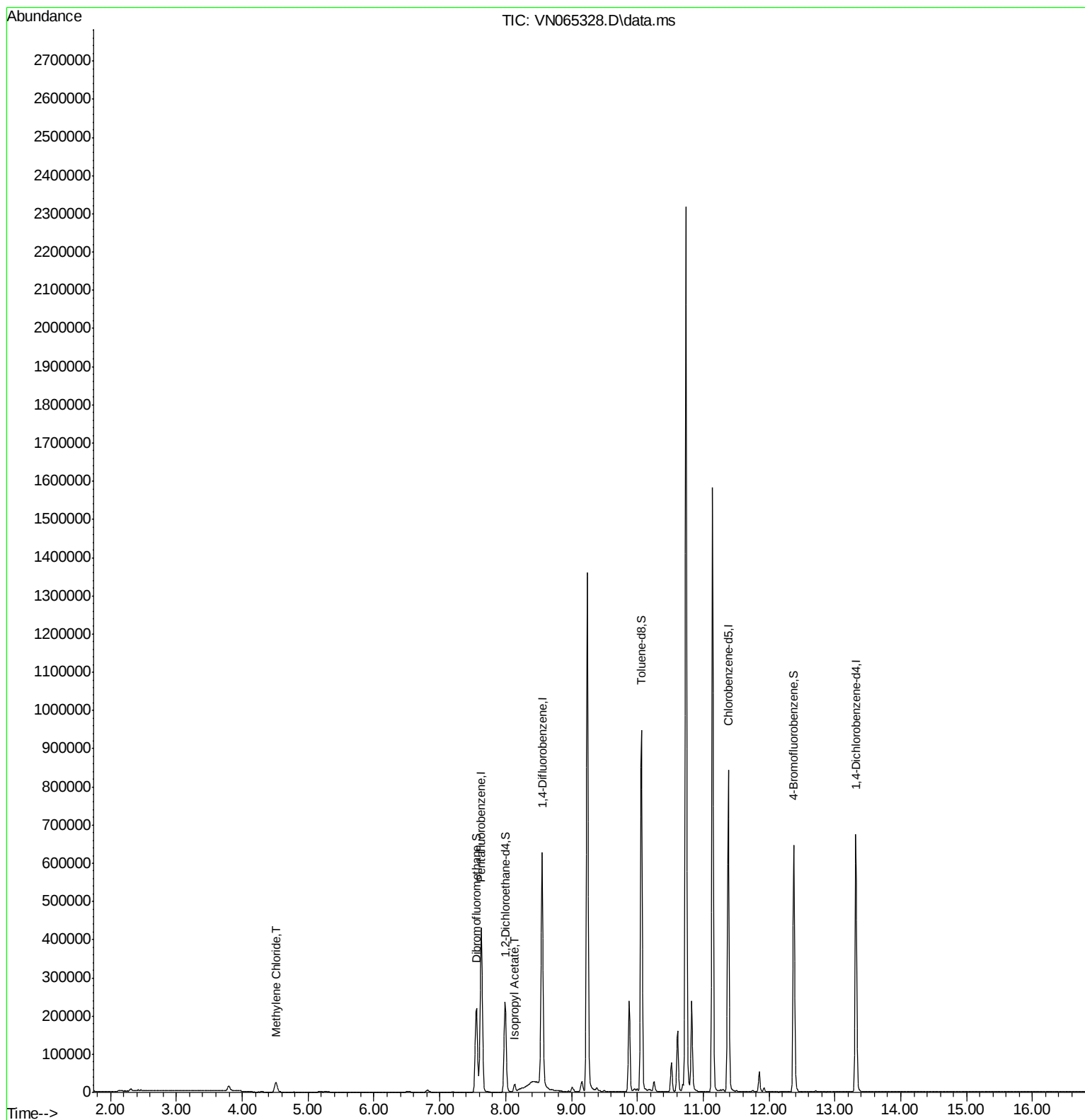
| Compound                    | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|-------|----------|
| -----                       |                |      |            |         |       |          |
| Internal Standards          |                |      |            |         |       |          |
| 1) Pentafluorobenzene       | 7.631          | 168  | 396272     | 50.00   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.553          | 114  | 573368     | 50.00   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.380         | 117  | 521626     | 50.00   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.318         | 152  | 209505     | 50.00   | ug/l  | 0.00     |
|                             |                |      |            |         |       |          |
| System Monitoring Compounds |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.994          | 65   | 208212     | 46.54   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 93.08%  |       |          |
| 35) Dibromofluoromethane    | 7.557          | 113  | 171701     | 49.64   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 99.28%  |       |          |
| 50) Toluene-d8              | 10.061         | 98   | 685035     | 52.84   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 105.68% |       |          |
| 62) 4-Bromofluorobenzene    | 12.376         | 95   | 224170     | 44.36   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 88.72%  |       |          |
|                             |                |      |            |         |       |          |
| Target Compounds            |                |      |            |         |       |          |
| 20) Methylene Chloride      | 4.512          | 84   | 20172      | 4.62    | ug/l  | 99       |
| 43) Isopropyl Acetate       | 8.139          | 43   | 26369      | 2.96    | ug/l  | 95       |
| -----                       |                |      |            |         |       |          |

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

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Sample : PB133547ZHE#07  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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QLast Update : Tue Dec 22 15:42:18 2020  
Response via : Initial Calibration

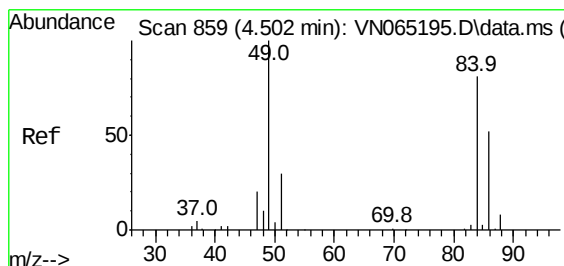
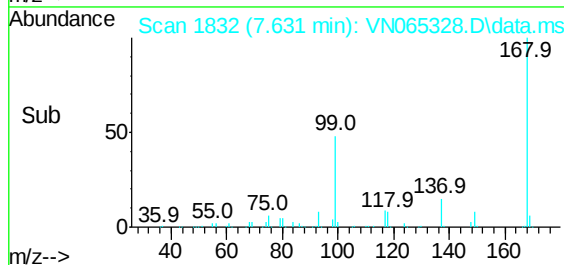
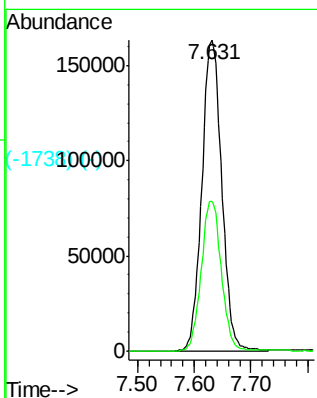
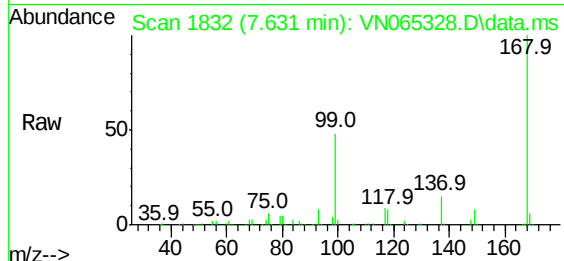




Pentafuorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.631 min Scan# 1832  
 Delta R.T. 0.004 min  
 Lab File: VN065328.D  
 Acq: 30 Dec 2020 18:26

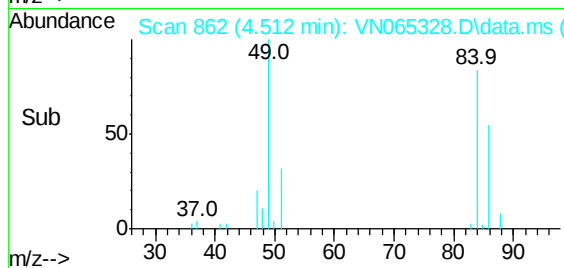
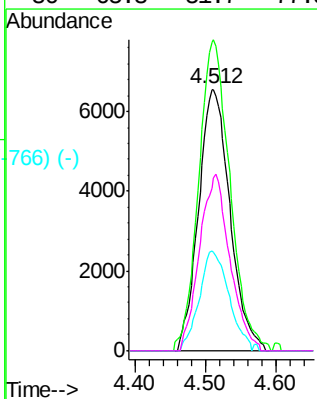
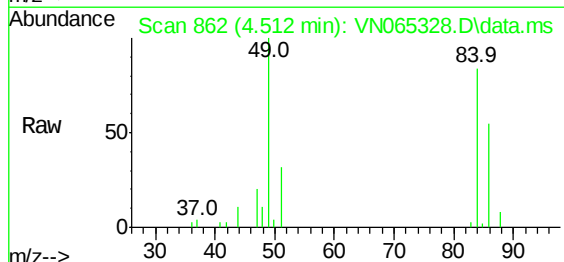
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB133547ZHE#07

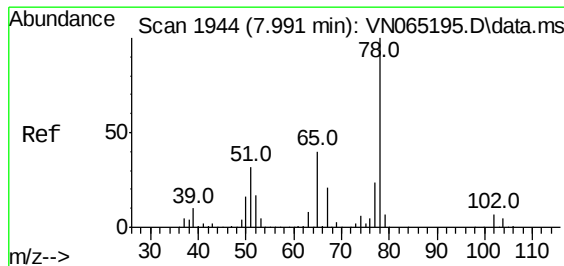
Tgt Ion:168 Resp: 396272  
 Ion Ratio Lower Upper  
 168 100  
 99 48.3 43.0 64.4



Methylene Chloride  
 Concen: 4.62 ug/l  
 RT: 4.512 min Scan# 862  
 Delta R.T. 0.010 min  
 Lab File: VN065328.D  
 Acq: 30 Dec 2020 18:26

Tgt Ion: 84 Resp: 20172  
 Ion Ratio Lower Upper  
 84 100  
 49 116.5 93.4 140.0  
 51 37.7 28.2 42.4  
 86 65.8 51.7 77.5

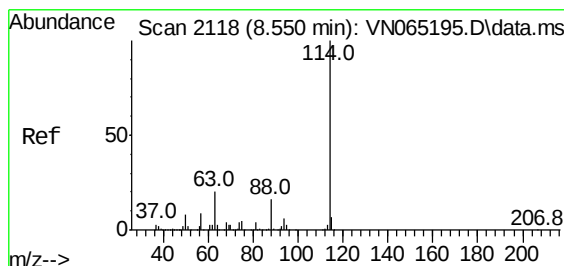
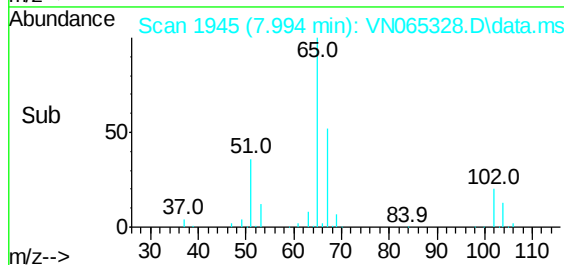
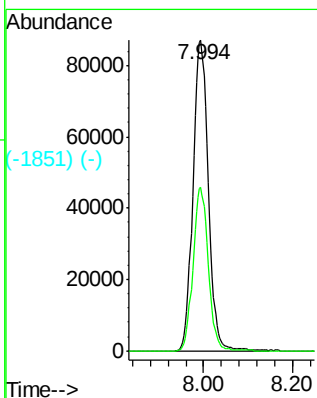
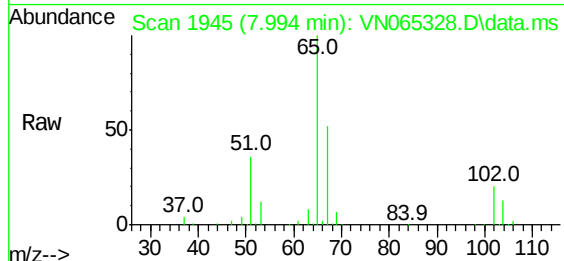




(-1926) (-)  
 1,2-Dichloroethane-d4  
 Concen: 46.54 ug/l  
 RT: 7.994 min Scan# 1945  
 Delta R.T. 0.003 min  
 Lab File: VN065328.D  
 Acq: 30 Dec 2020 18:26

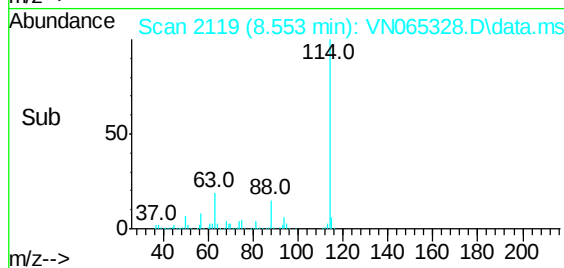
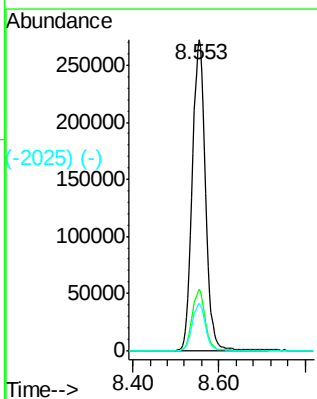
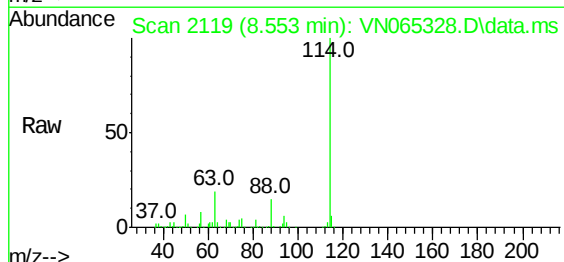
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB133547ZHE#07

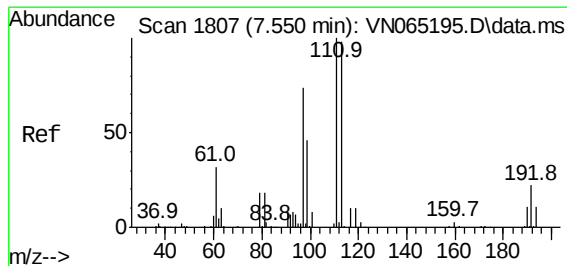
Tgt Ion: 65 Resp: 208212  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 108.2



(-2361) (-)  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.553 min Scan# 2119  
 Delta R.T. 0.003 min  
 Lab File: VN065328.D  
 Acq: 30 Dec 2020 18:26

Tgt Ion:114 Resp: 573368  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 38.6  
 88 15.0 0.0 32.6

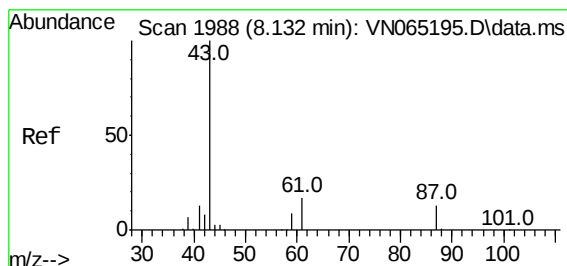
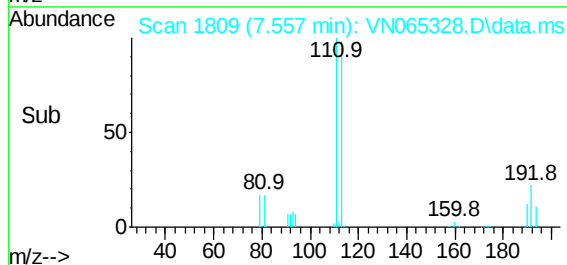
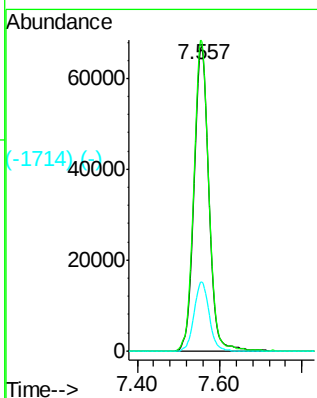
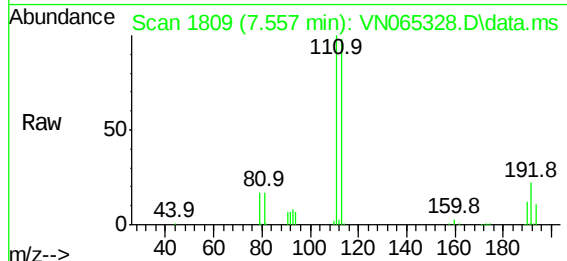




#358 (-)  
Dibromofluoromethane  
Concen: 49.64 ug/l  
RT: 7.557 min Scan# 1809  
Delta R.T. 0.007 min  
Lab File: VN065328.D  
Acq: 30 Dec 2020 18:26

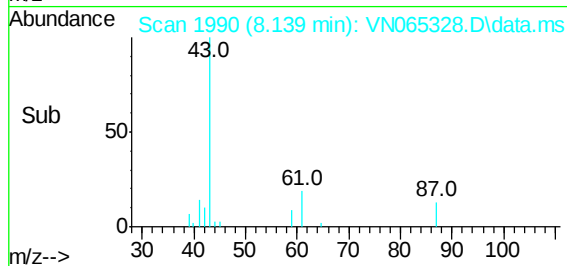
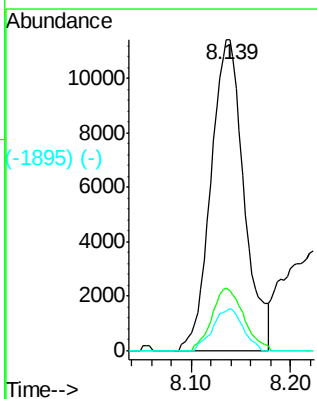
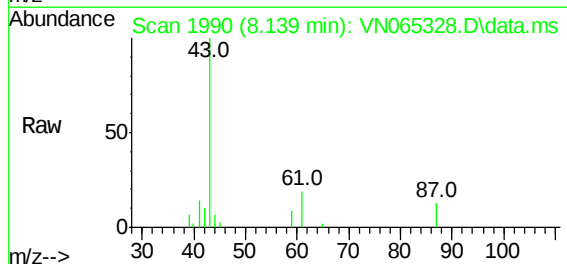
Instrument :  
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PB133547ZHE#07

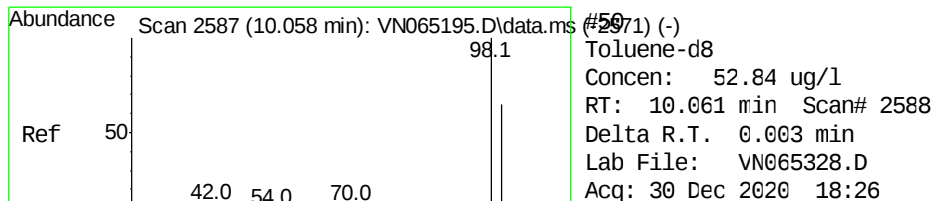
Tgt Ion:113 Resp: 171701  
Ion Ratio Lower Upper  
113 100  
111 102.6 81.6 122.4  
192 22.9 16.2 24.2



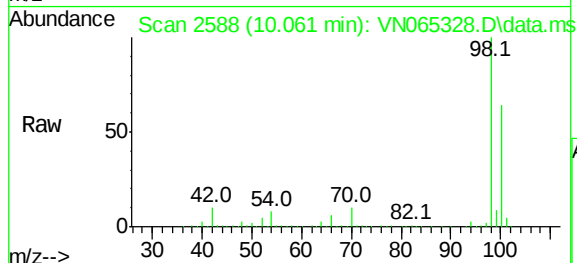
#468 (-)  
Isopropyl Acetate  
Concen: 2.96 ug/l  
RT: 8.139 min Scan# 1990  
Delta R.T. 0.007 min  
Lab File: VN065328.D  
Acq: 30 Dec 2020 18:26

Tgt Ion: 43 Resp: 26369  
Ion Ratio Lower Upper  
43 100  
61 19.2 17.2 25.8  
87 12.1 11.4 17.0



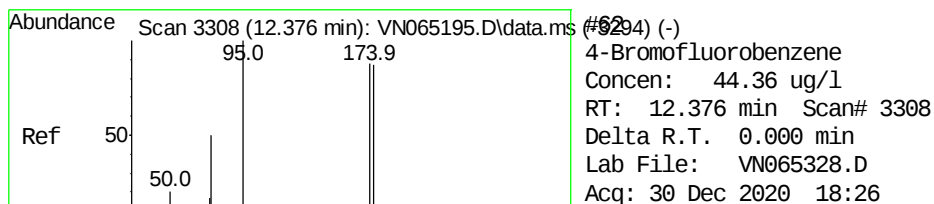
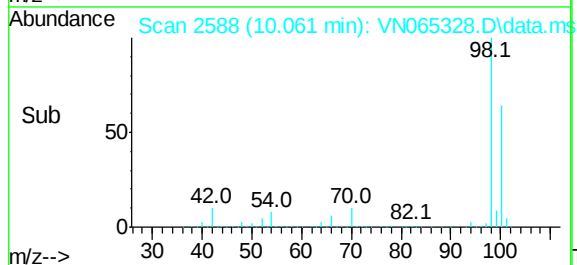
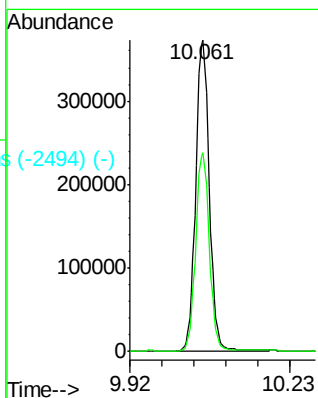


Instrument :  
MSVOA\_N  
ClientSampleId :  
PB133547ZHE#07



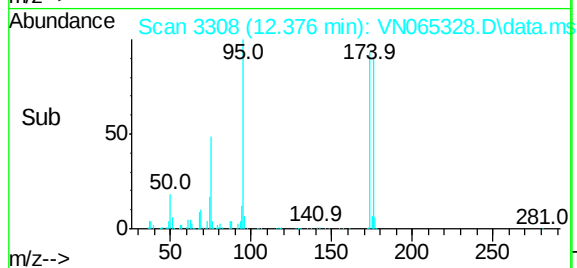
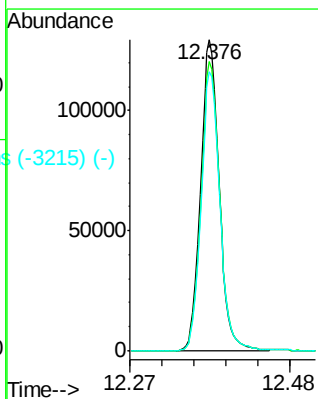
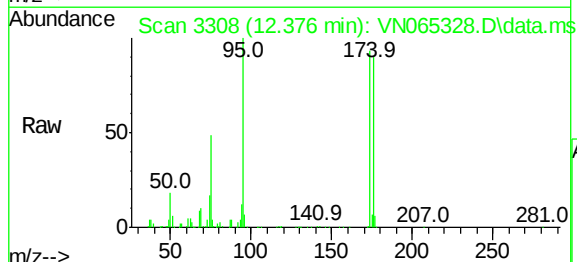
Tgt Ion: 98 Resp: 685035

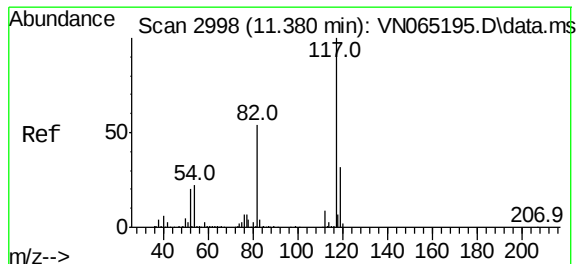
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.1  | 51.7  | 77.5  |



Tgt Ion: 95 Resp: 224170

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 94.0  | 0.0   | 160.4 |
| 176 | 90.7  | 0.0   | 158.4 |

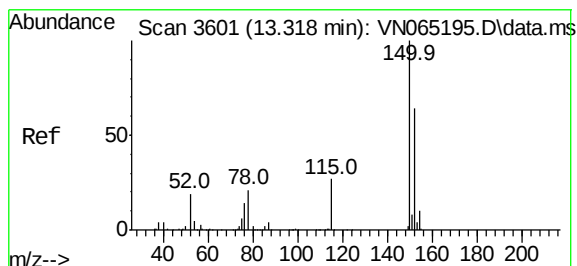
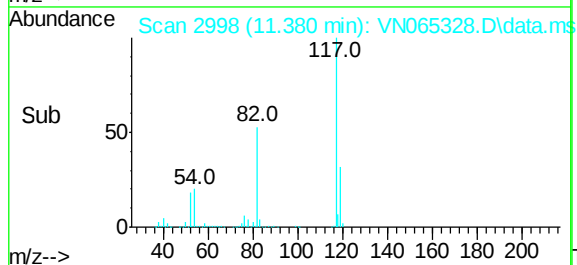
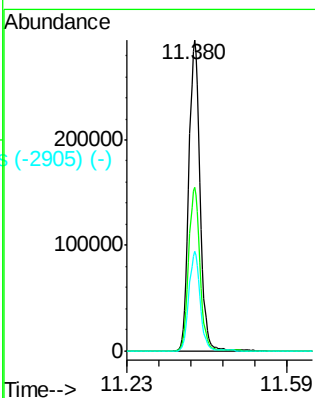
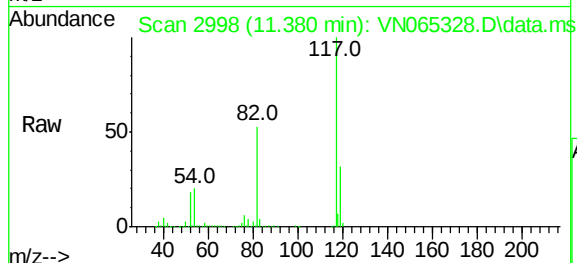




Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.380 min Scan# 2998  
Delta R.T. -0.000 min  
Lab File: VN065328.D  
Acq: 30 Dec 2020 18:26

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MSVOA\_N  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 521626 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 52.7  | 44.2  | 66.2   |
| 119       | 32.0  | 25.8  | 38.6   |



1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.318 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: VN065328.D  
Acq: 30 Dec 2020 18:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 209505 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 55.5  | 29.7  | 89.1   |
| 150       | 157.1 | 0.0   | 350.6  |

