

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030121\  
 Data File : VN066077.D  
 Acq On : 1 Mar 2021 15:07  
 Operator : JC/MD  
 Sample : M1519-03  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GW806-20-25-022621

Quant Time: Mar 01 21:42:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 15:48:13 2021  
 Response via : Initial Calibration

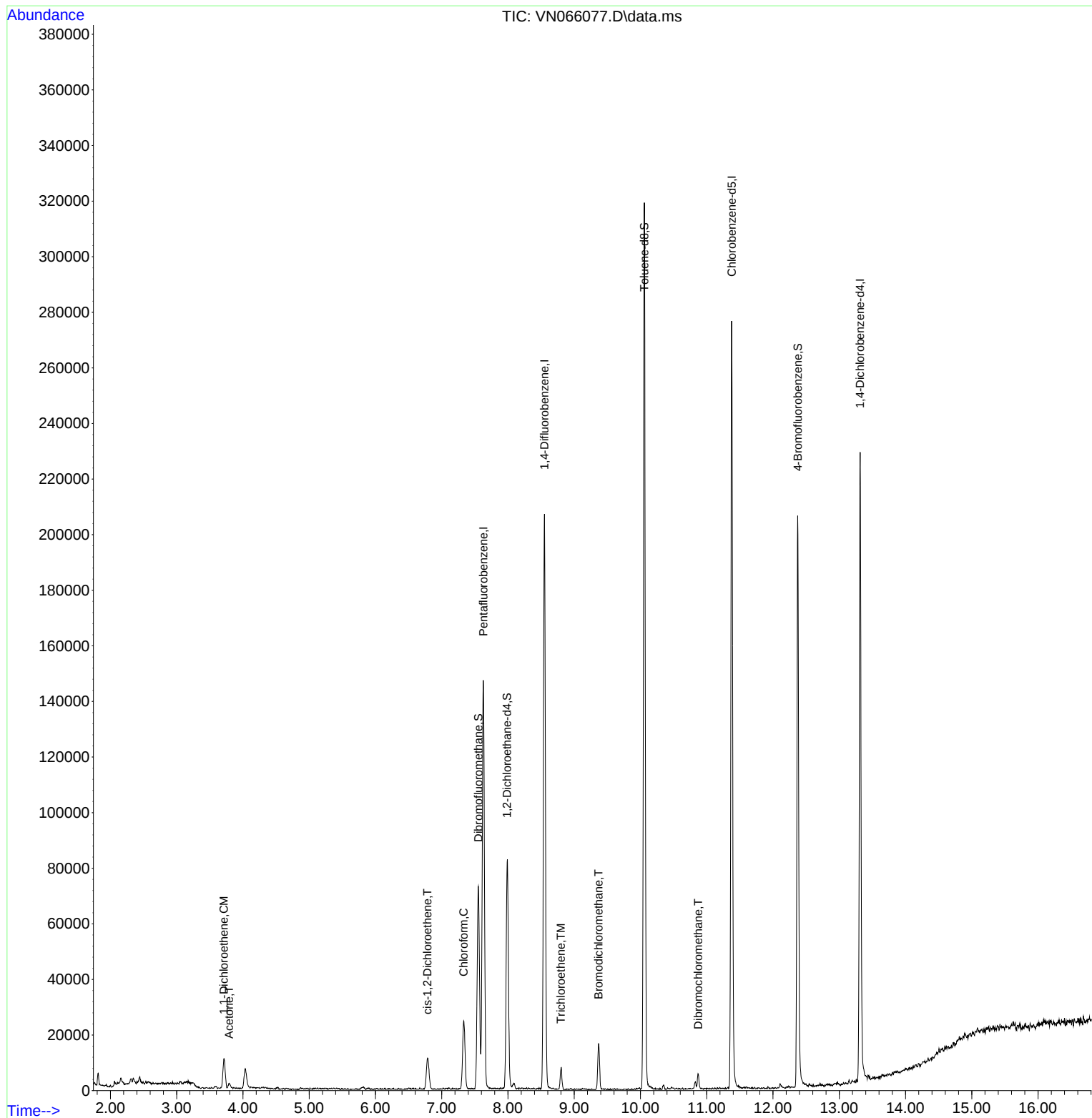
| Compound                    | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|--------|--------|----------|
| -----                       |                |      |            |        |        |          |
| Internal Standards          |                |      |            |        |        |          |
| 1) Pentafluorobenzene       | 7.627          | 168  | 116384     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.550          | 114  | 187826     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.376         | 117  | 168590     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.315         | 152  | 65758      | 50.00  | ug/l   | 0.00     |
|                             |                |      |            |        |        |          |
| System Monitoring Compounds |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.987          | 65   | 78757      | 48.39  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 96.78% |        |          |
| 35) Dibromofluoromethane    | 7.553          | 113  | 56515      | 48.62  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 97.24% |        |          |
| 50) Toluene-d8              | 10.058         | 98   | 228302     | 47.85  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 95.70% |        |          |
| 62) 4-Bromofluorobenzene    | 12.373         | 95   | 81739      | 45.63  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 91.26% |        |          |
|                             |                |      |            |        |        |          |
| Target Compounds            |                |      |            |        |        | Qvalue   |
| 12) 1,1-Dichloroethene      | 3.711          | 96   | 6326       | 4.84   | ug/l   | 99       |
| 16) Acetone                 | 3.792          | 43   | 3733       | 5.73   | ug/l # | 86       |
| 27) cis-1,2-Dichloroethene  | 6.785          | 96   | 8310       | 5.31   | ug/l   | 91       |
| 30) Chloroform              | 7.332          | 83   | 27013      | 10.60  | ug/l   | 97       |
| 44) Trichloroethene         | 8.801          | 130  | 3022       | 2.15   | ug/l   | 92       |
| 47) Bromodichloromethane    | 9.367          | 83   | 12659      | 7.01   | ug/l   | 98       |
| 60) Dibromochloromethane    | 10.868         | 129  | 3471       | 2.60   | ug/l   | 100      |
| -----                       |                |      |            |        |        |          |

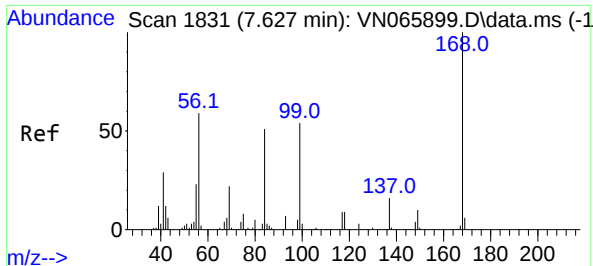
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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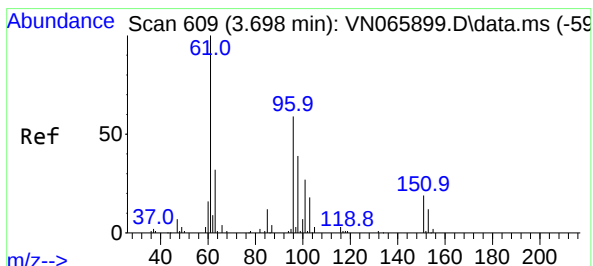
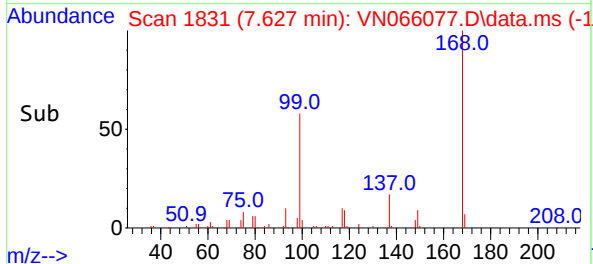
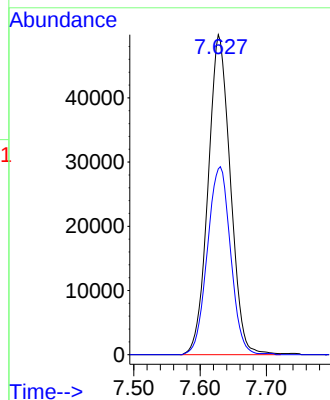
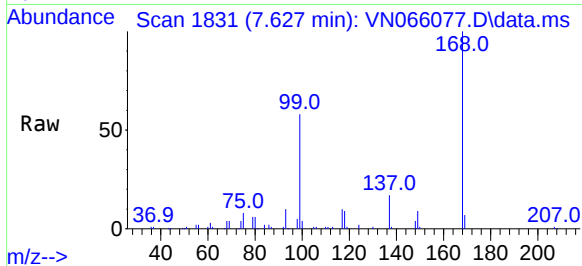




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.627 min Scan# 1831  
Delta R.T. 0.000 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

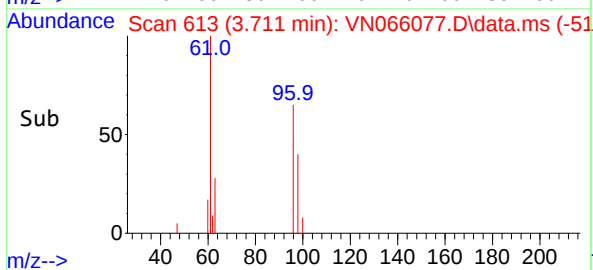
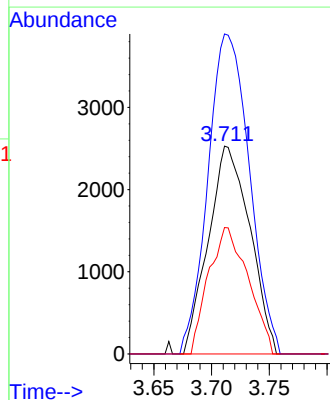
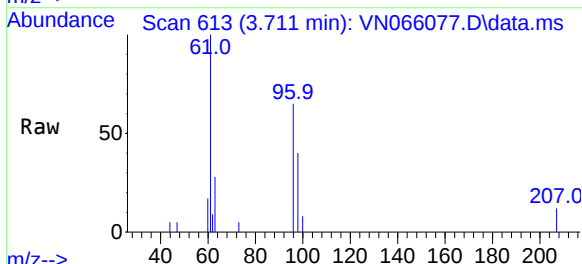
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MSVOA\_N  
ClientSampleId :  
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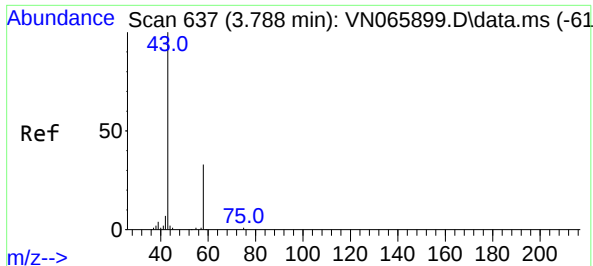
Tgt Ion:168 Resp: 116384  
Ion Ratio Lower Upper  
168 100  
99 58.0 42.6 63.8



#12  
1,1-Dichloroethene  
Concen: 4.84 ug/l  
RT: 3.711 min Scan# 613  
Delta R.T. 0.013 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

Tgt Ion: 96 Resp: 6326  
Ion Ratio Lower Upper  
96 100  
61 154.0 122.5 183.7  
98 60.9 50.8 76.2

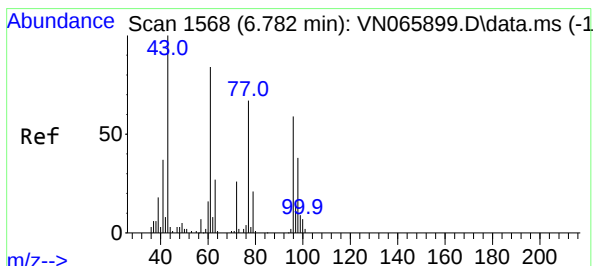
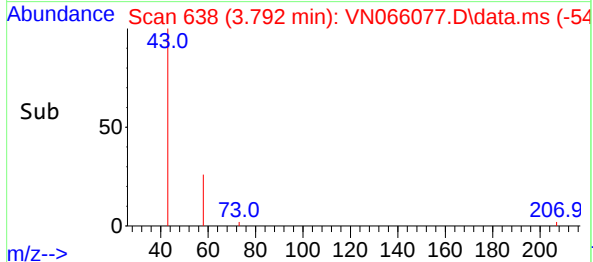
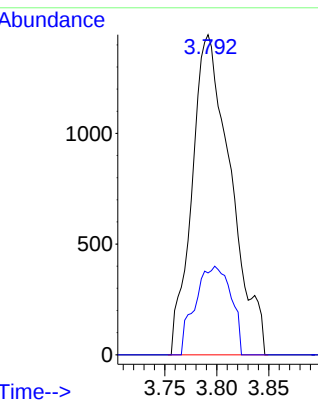
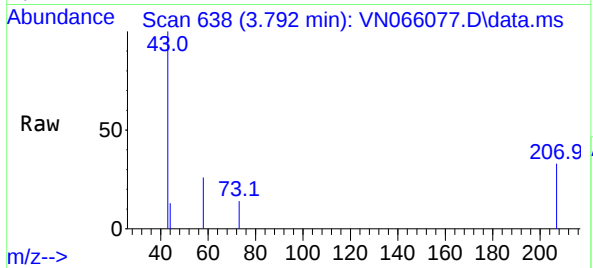




#16  
Acetone  
Concen: 5.73 ug/l  
RT: 3.792 min Scan# 638  
Delta R.T. 0.004 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

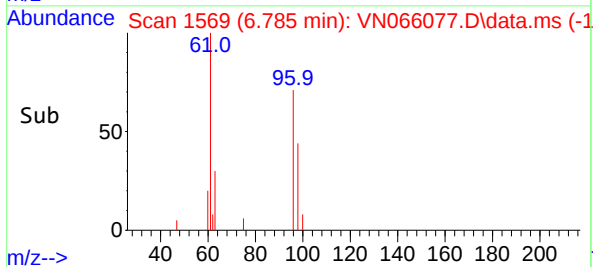
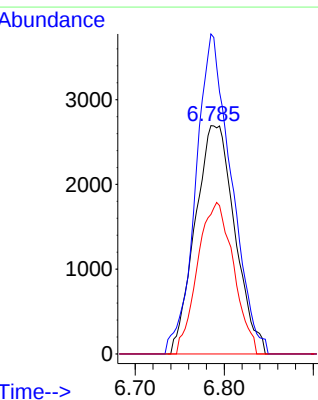
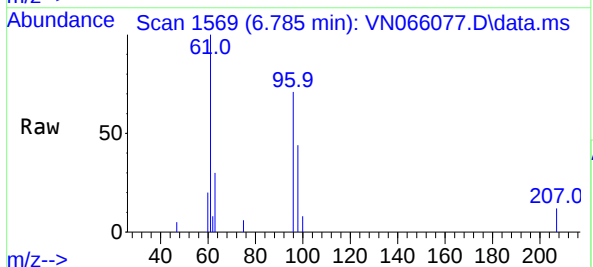
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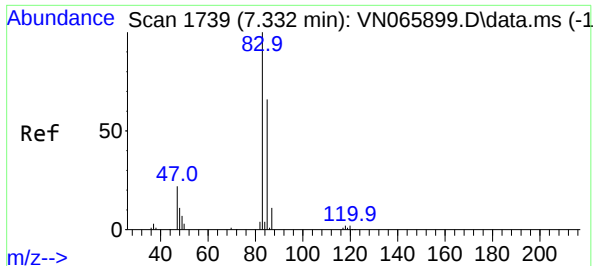
Tgt Ion: 43 Resp: 3733  
Ion Ratio Lower Upper  
43 100  
58 25.6 27.0 40.6#



#27  
cis-1,2-Dichloroethene  
Concen: 5.31 ug/l  
RT: 6.785 min Scan# 1569  
Delta R.T. 0.003 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

Tgt Ion: 96 Resp: 8310  
Ion Ratio Lower Upper  
96 100  
61 126.0 0.0 276.8  
98 60.2 0.0 129.4

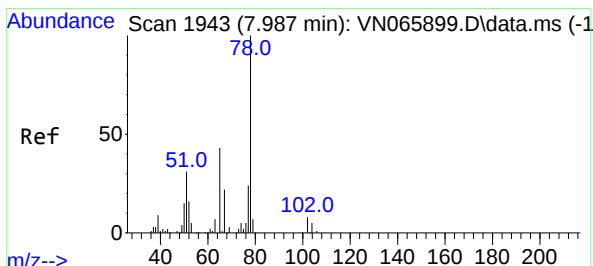
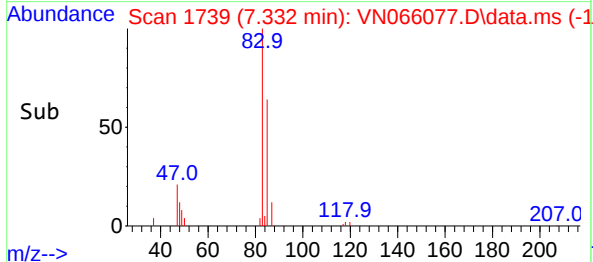
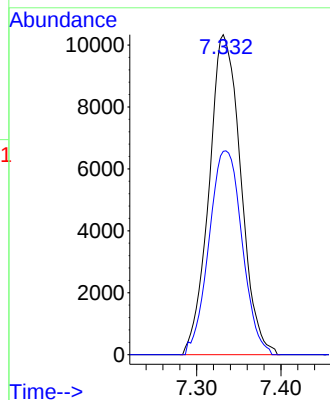
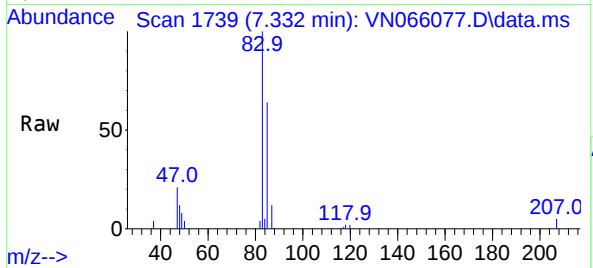




#30  
Chloroform  
Concen: 10.60 ug/l  
RT: 7.332 min Scan# 1739  
Delta R.T. -0.000 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

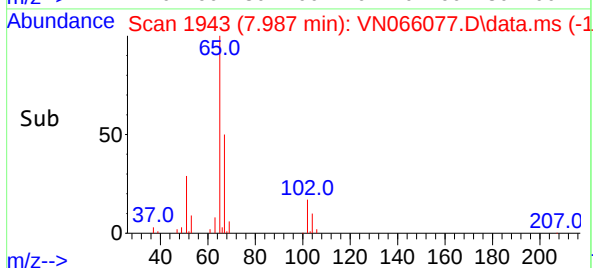
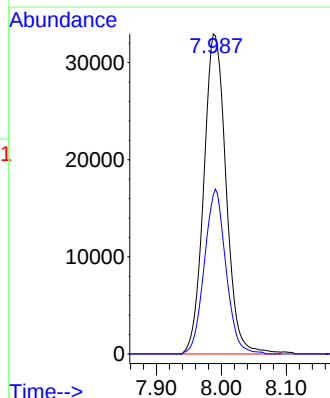
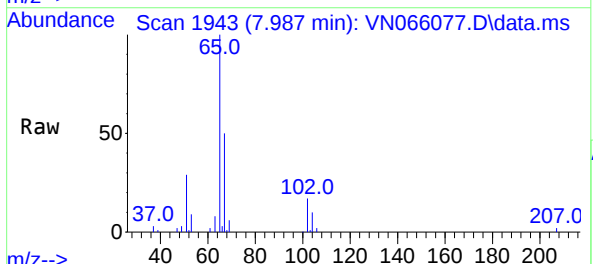
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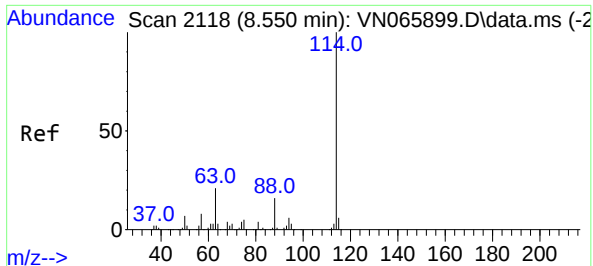
Tgt Ion: 83 Resp: 27013  
Ion Ratio Lower Upper  
83 100  
85 63.5 52.6 78.8



#33  
1,2-Dichloroethane-d4  
Concen: 48.39 ug/l  
RT: 7.987 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

Tgt Ion: 65 Resp: 78757  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 107.2

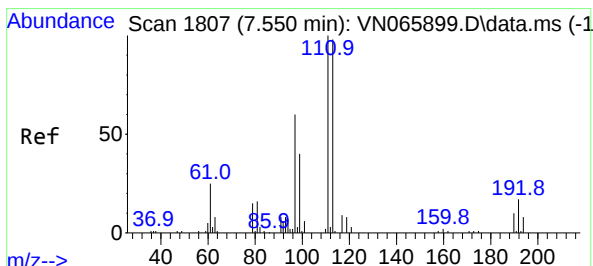
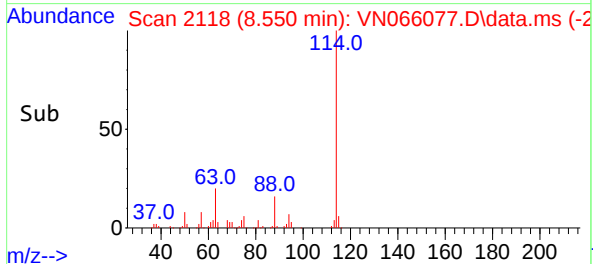
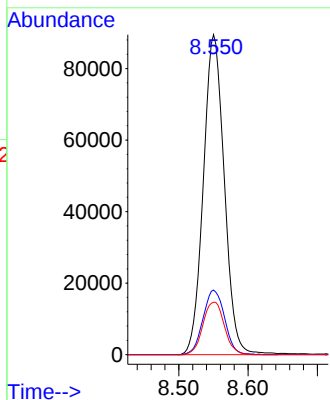
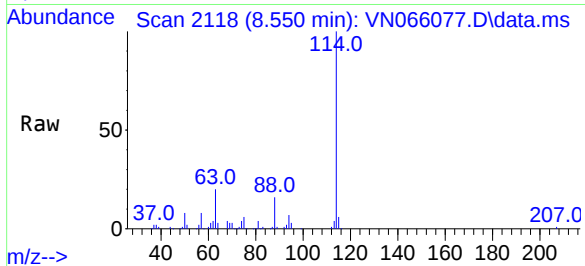




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

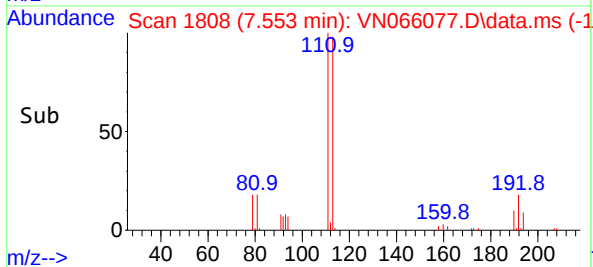
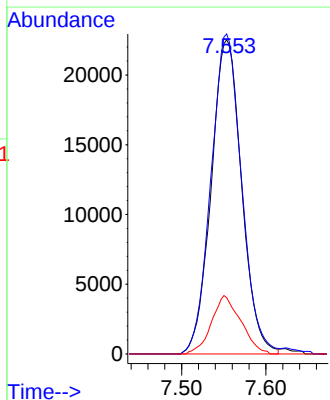
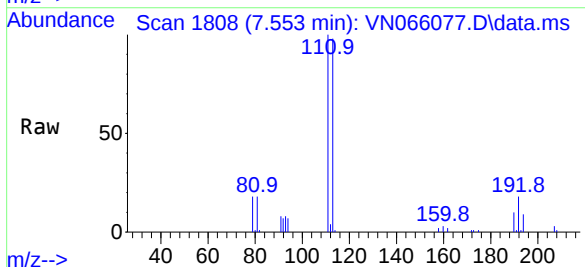
Instrument :  
MSVOA\_N  
ClientSampleId :  
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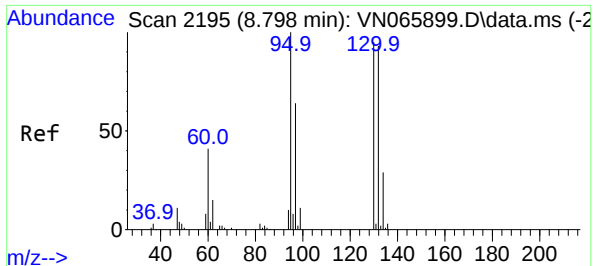
Tgt Ion:114 Resp: 187826  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 38.6  
88 16.4 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 48.62 ug/l  
RT: 7.553 min Scan# 1808  
Delta R.T. 0.003 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

Tgt Ion:113 Resp: 56515  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.2 123.2  
192 17.9 15.4 23.0

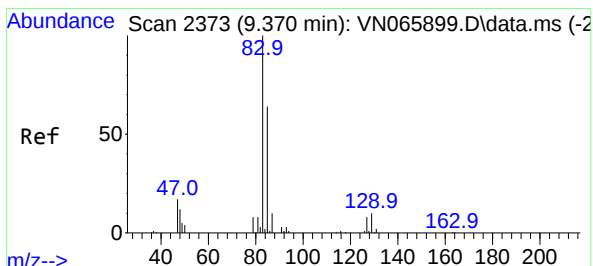
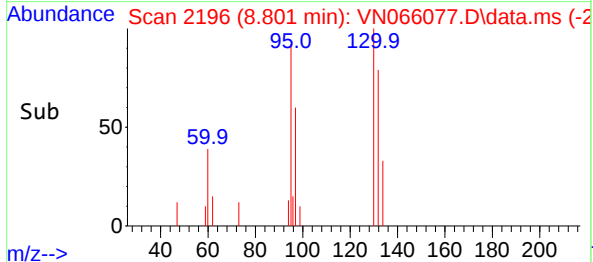
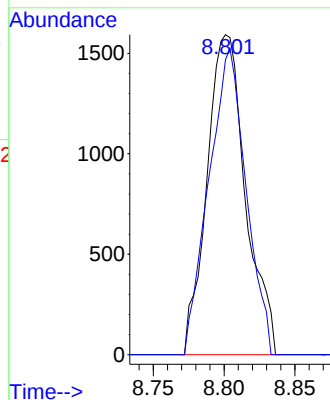
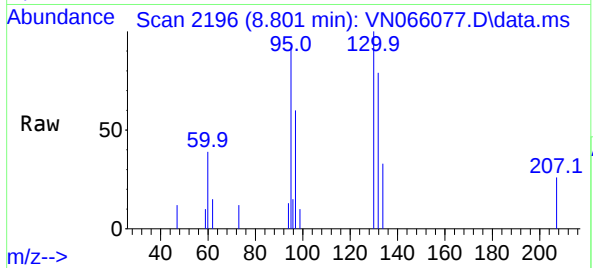




#44  
Trichloroethene  
Concen: 2.15 ug/l  
RT: 8.801 min Scan# 2196  
Delta R.T. 0.003 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

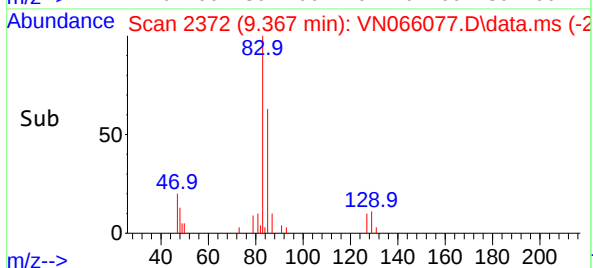
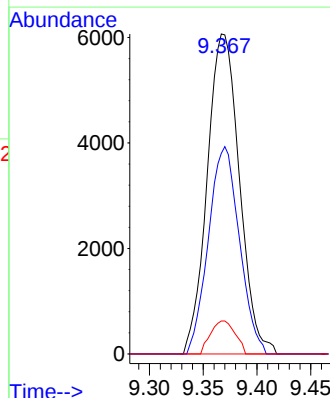
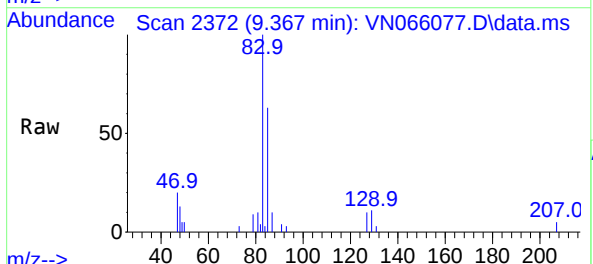
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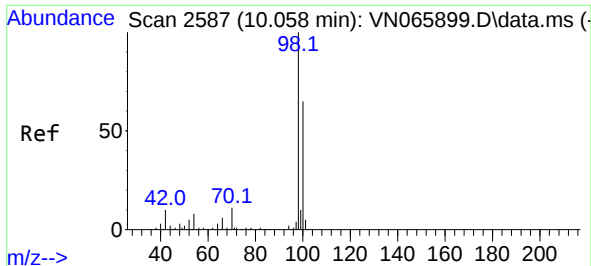
Tgt Ion:130 Resp: 3022  
Ion Ratio Lower Upper  
130 100  
95 92.2 0.0 199.6



#47  
Bromodichloromethane  
Concen: 7.01 ug/l  
RT: 9.367 min Scan# 2372  
Delta R.T. -0.003 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

Tgt Ion: 83 Resp: 12659  
Ion Ratio Lower Upper  
83 100  
85 62.7 51.0 76.4  
127 10.3 7.0 10.6

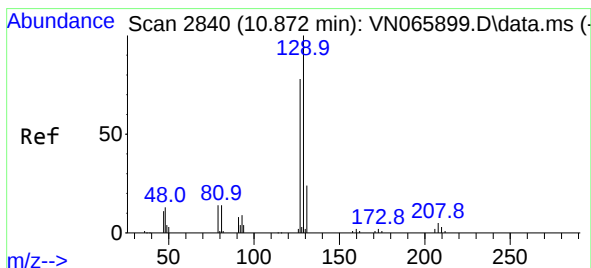
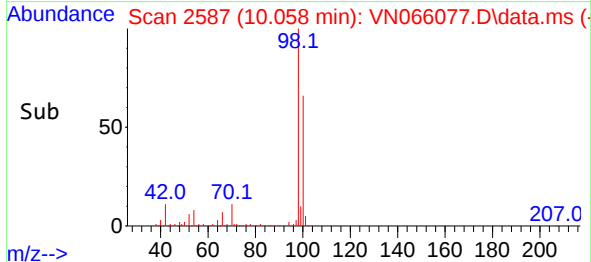
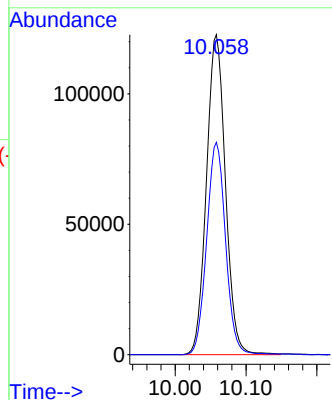
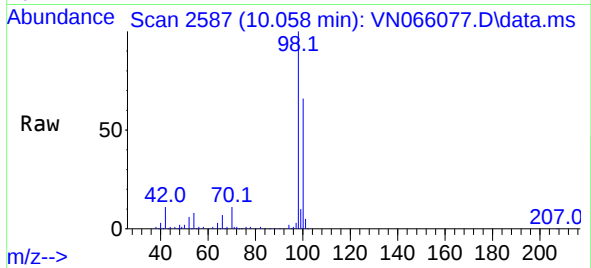




#50  
Toluene-d8  
Concen: 47.85 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

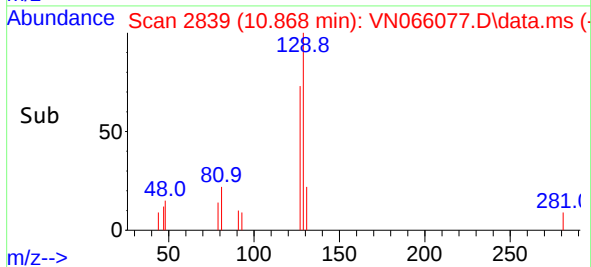
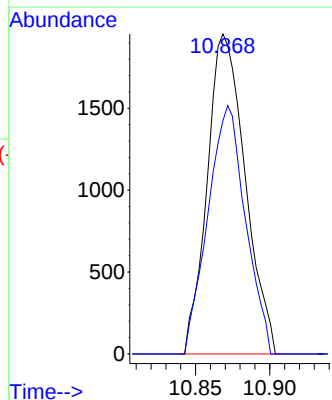
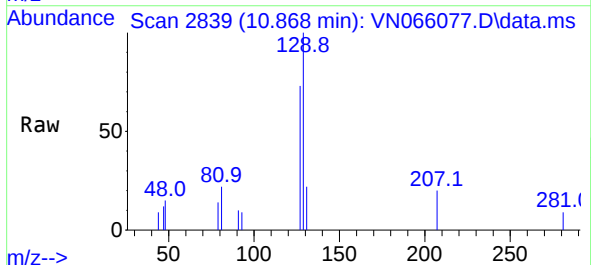
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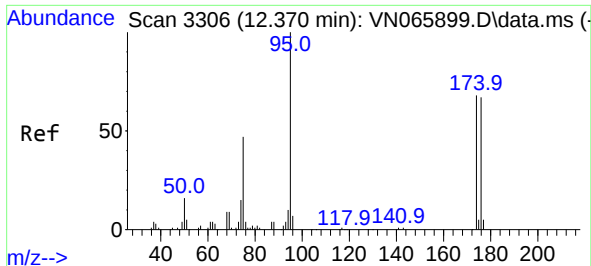
Tgt Ion: 98 Resp: 228302  
Ion Ratio Lower Upper  
98 100  
100 66.0 50.5 75.7



#60  
Dibromochloromethane  
Concen: 2.60 ug/l  
RT: 10.868 min Scan# 2839  
Delta R.T. -0.004 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

Tgt Ion:129 Resp: 3471  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.5 115.5

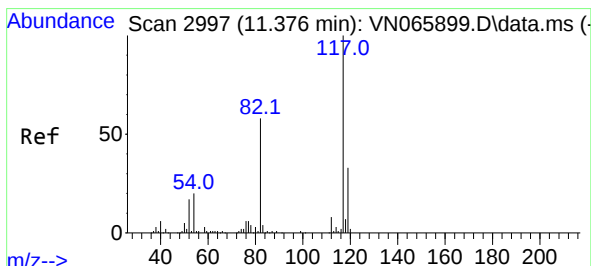
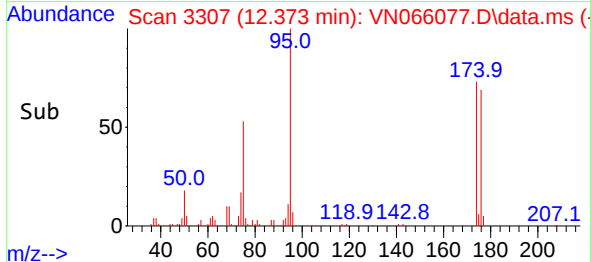
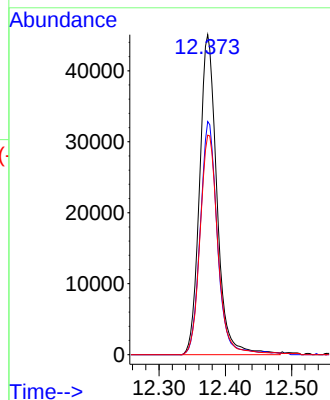
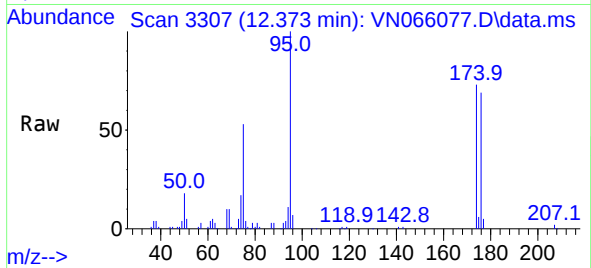




#62  
4-Bromofluorobenzene  
Concen: 45.63 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.003 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

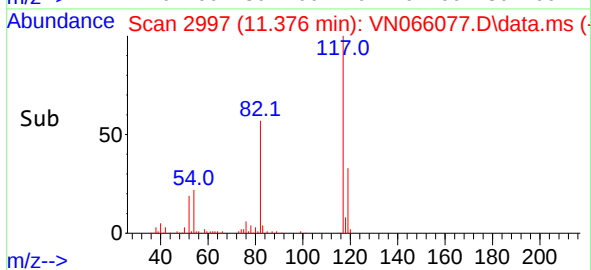
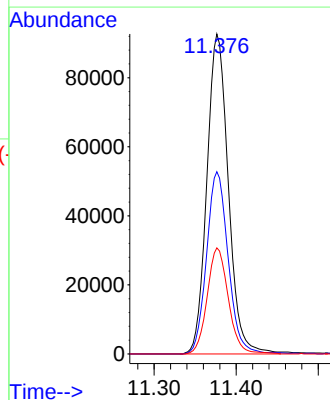
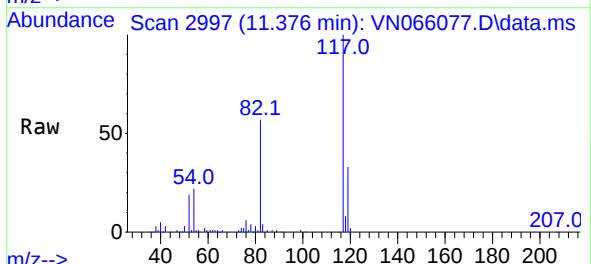
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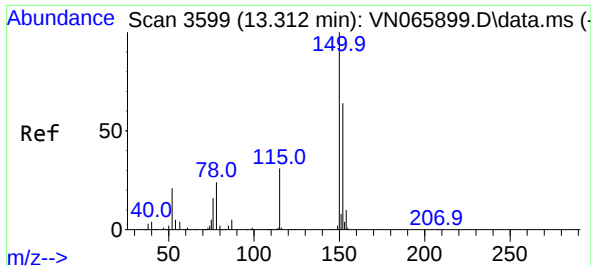
Tgt Ion: 95 Resp: 81739  
Ion Ratio Lower Upper  
95 100  
174 71.8 0.0 169.0  
176 70.5 0.0 162.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN066077.D  
Acq: 1 Mar 2021 15:07

Tgt Ion:117 Resp: 168590  
Ion Ratio Lower Upper  
117 100  
82 57.0 43.7 65.5  
119 33.2 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: VN066077.D  
 Acq: 1 Mar 2021 15:07

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GW806-20-25-022621

Tgt Ion:152 Resp: 65758  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 62.0  | 28.5  | 85.6  |
| 150 | 160.4 | 0.0   | 347.6 |

