

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032522\  
 Data File : VN071550.D  
 Acq On : 25 Mar 2022 16:17  
 Operator : JC\MD  
 Sample : PB143557ZHE#09  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB143557ZHE#09

Quant Time: Mar 26 04:03:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 25 09:52:40 2022  
 Response via : Initial Calibration

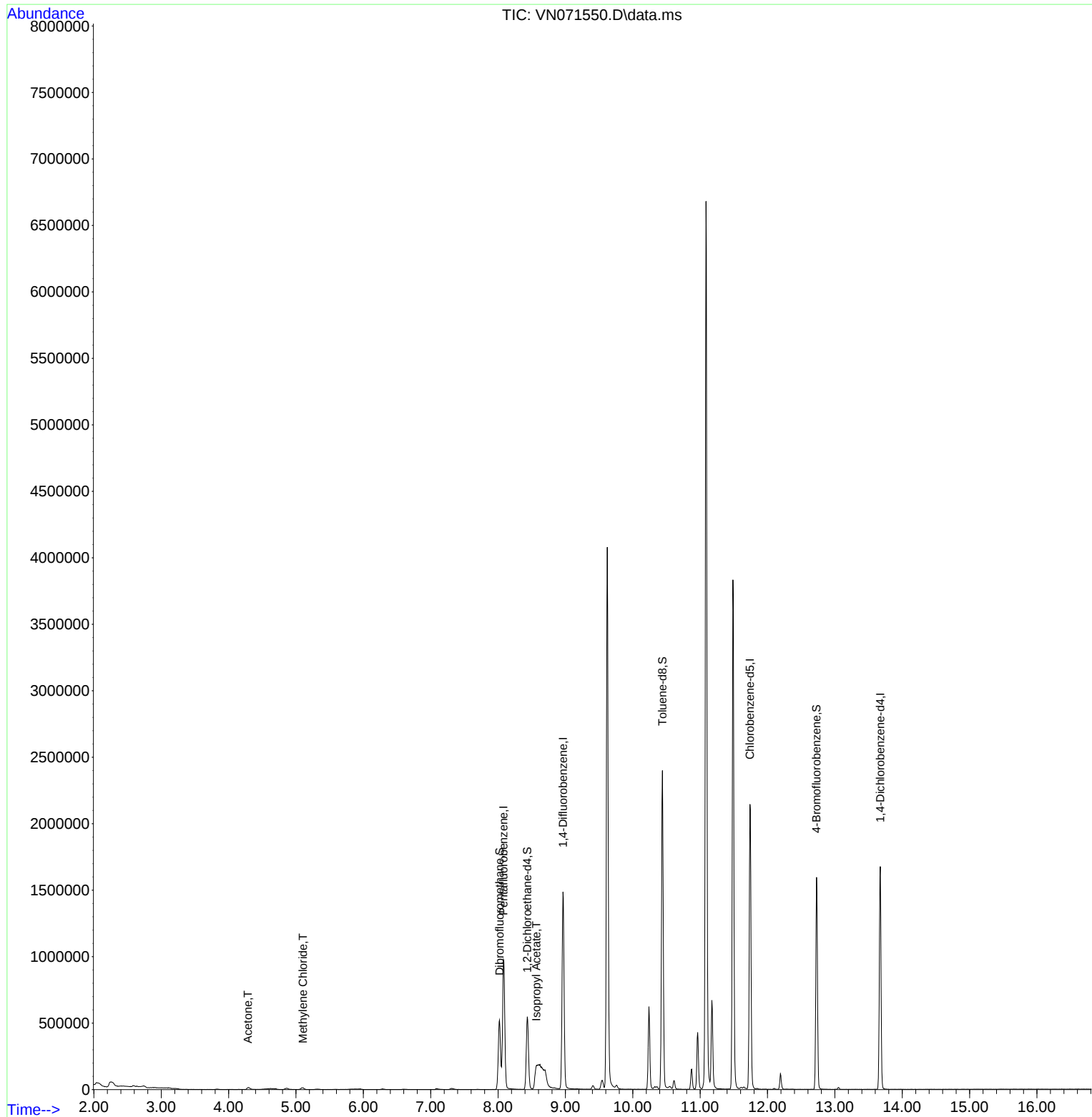
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.081  | 168   | 792229   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 1368800  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 1328870  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.674 | 152   | 491565   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 465577   | 47.302   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 94.600%  |
| 35) Dibromofluoromethane    | 8.022  | 113   | 386359   | 44.912   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 89.820%  |
| 50) Toluene-d8              | 10.439 | 98    | 1690299  | 48.714   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 97.420%  |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 558048   | 49.084   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 98.160%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.287  | 43    | 27326    | 6.773    | ug/l   | 91       |
| 20) Methylene Chloride      | 5.104  | 84    | 12083    | 1.285    | ug/l # | 87       |
| 43) Isopropyl Acetate       | 8.569  | 43    | 182102   | 8.084    | ug/l # | 70       |
| -----                       |        |       |          |          |        |          |

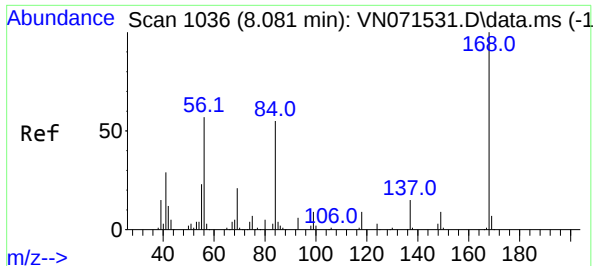
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032522W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 25 09:52:40 2022  
Response via : Initial Calibration

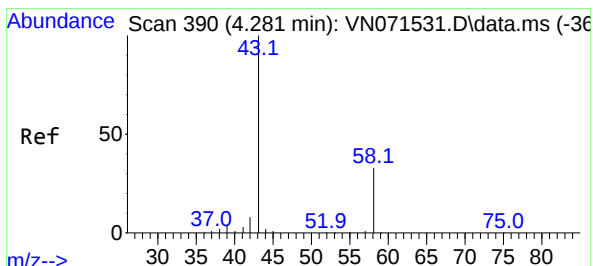
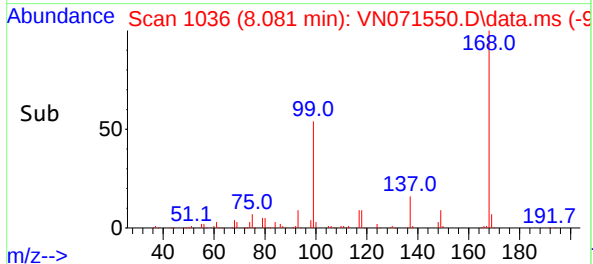
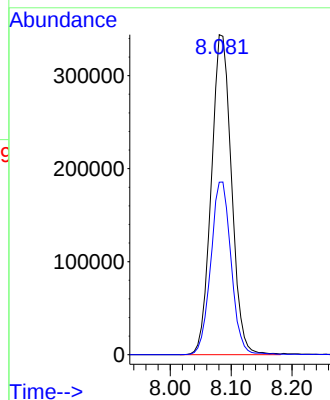
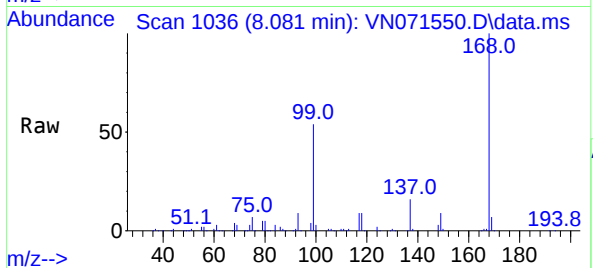




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN071550.D  
Acq: 25 Mar 2022 16:17

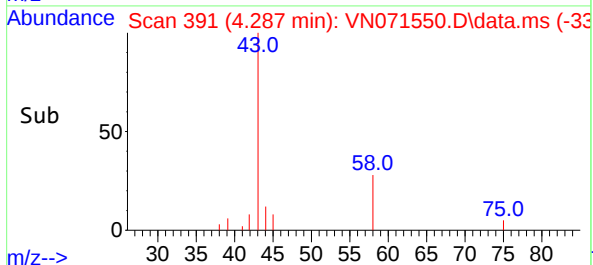
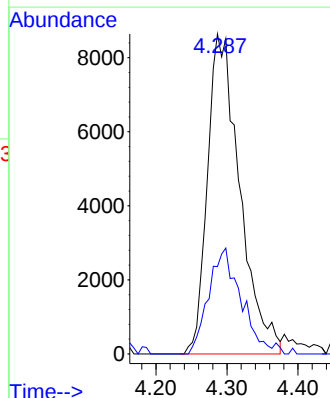
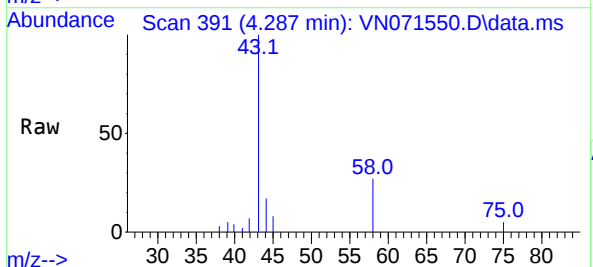
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB143557ZHE#09

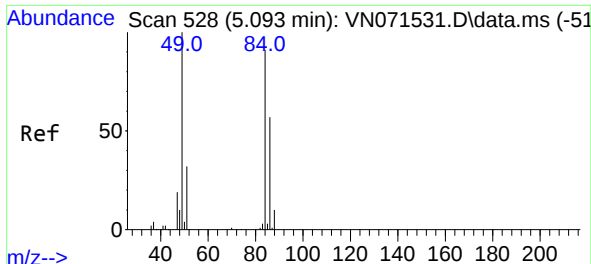
Tgt Ion:168 Resp: 792229  
Ion Ratio Lower Upper  
168 100  
99 53.9 42.3 63.5



#16  
Acetone  
Concen: 6.773 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN071550.D  
Acq: 25 Mar 2022 16:17

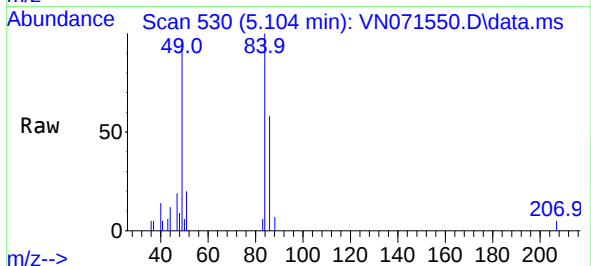
Tgt Ion: 43 Resp: 27326  
Ion Ratio Lower Upper  
43 100  
58 27.3 26.0 39.0



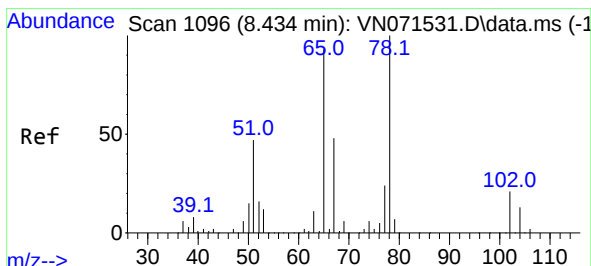
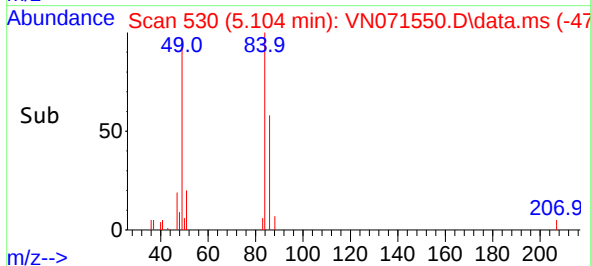
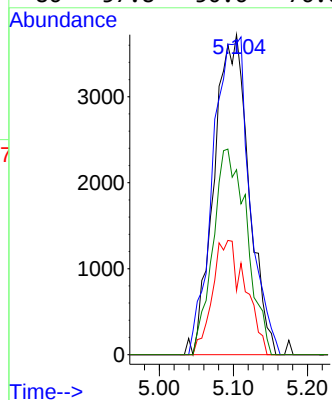


#20  
Methylene Chloride  
Concen: 1.285 ug/l  
RT: 5.104 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN071550.D  
Acq: 25 Mar 2022 16:17

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MSVOA\_N  
ClientSampleId :  
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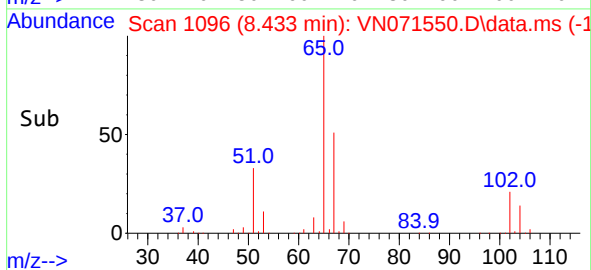
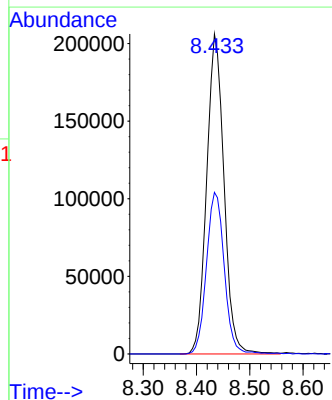
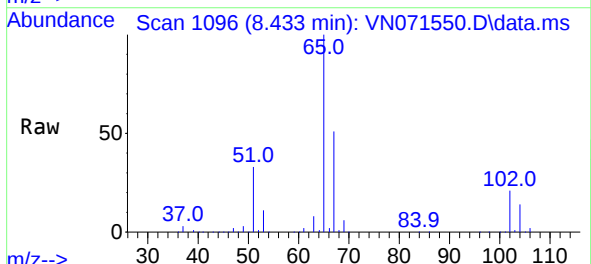


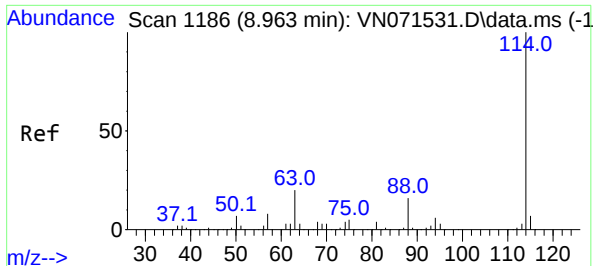
Tgt Ion: 84 Resp: 12083  
Ion Ratio Lower Upper  
84 100  
49 97.2 88.3 132.5  
51 20.0 28.2 42.2#  
86 57.8 50.6 76.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.302 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN071550.D  
Acq: 25 Mar 2022 16:17

Tgt Ion: 65 Resp: 465577  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 104.8

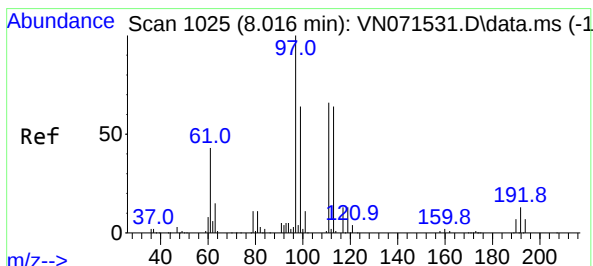
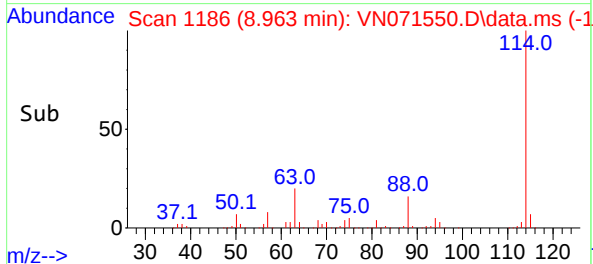
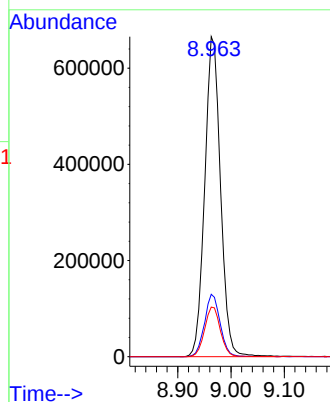
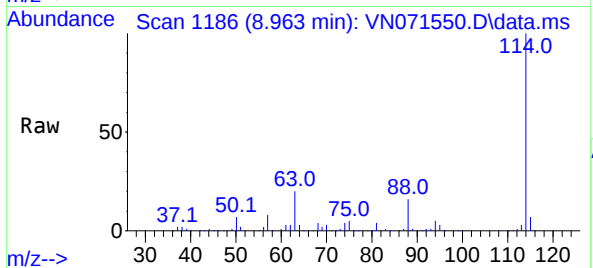




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN071550.D  
Acq: 25 Mar 2022 16:17

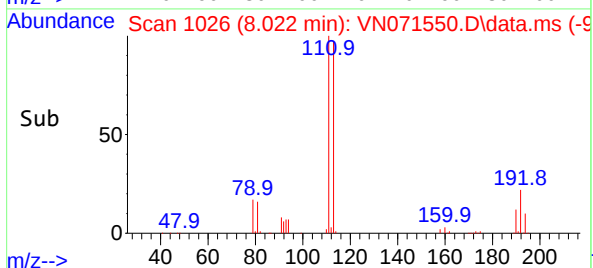
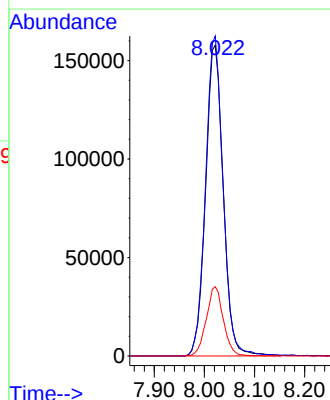
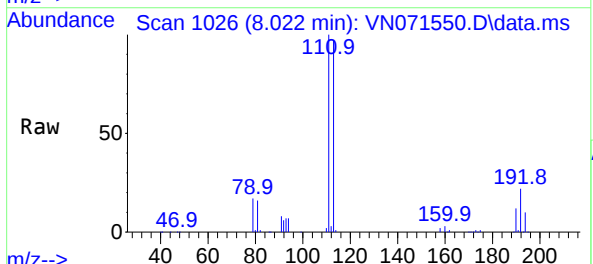
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB143557ZHE#09

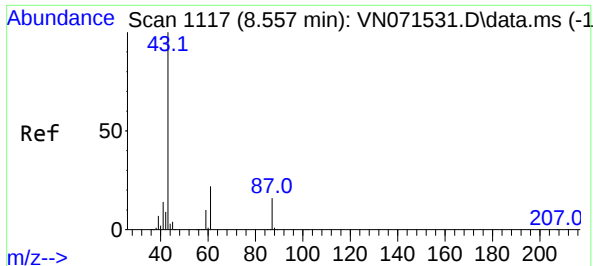
Tgt Ion:114 Resp: 1368800  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 40.0  
88 15.5 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 44.912 ug/l  
RT: 8.022 min Scan# 1026  
Delta R.T. 0.006 min  
Lab File: VN071550.D  
Acq: 25 Mar 2022 16:17

Tgt Ion:113 Resp: 386359  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.4 122.0  
192 21.5 17.0 25.6

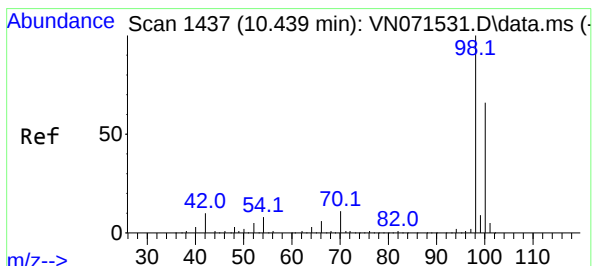
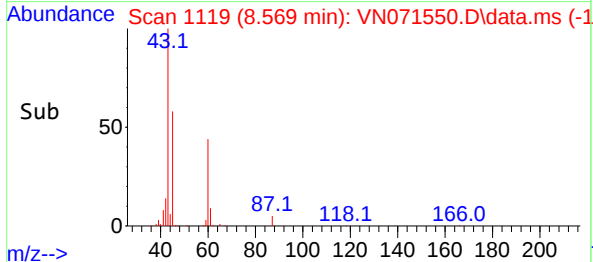
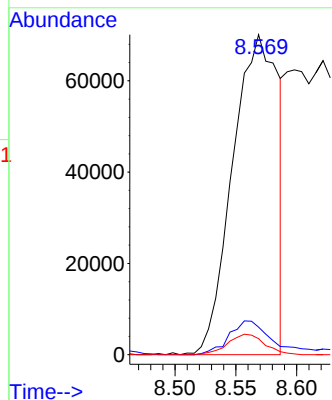
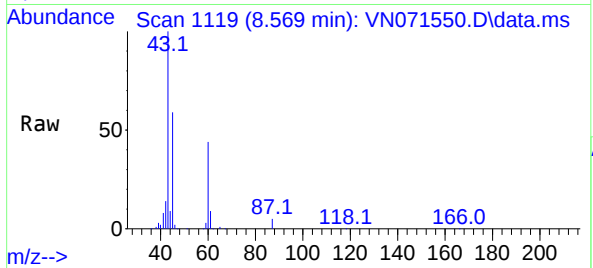




#43  
Isopropyl Acetate  
Concen: 8.084 ug/l  
RT: 8.569 min Scan# 1117  
Delta R.T. 0.012 min  
Lab File: VN071550.D  
Acq: 25 Mar 2022 16:17

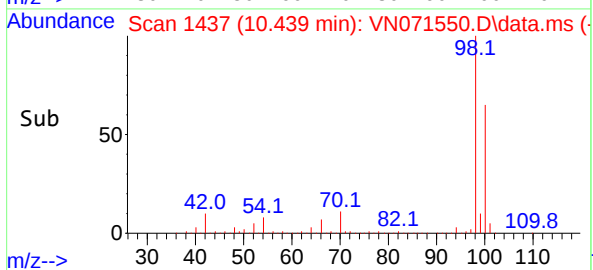
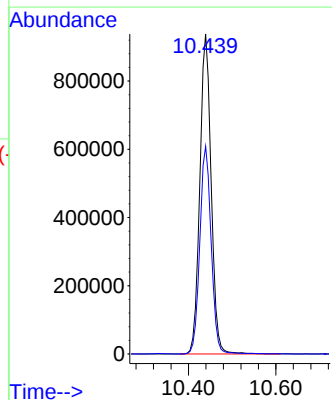
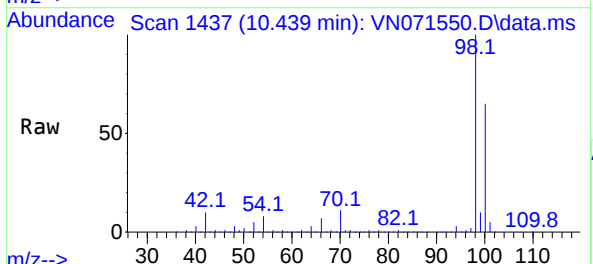
Instrument :  
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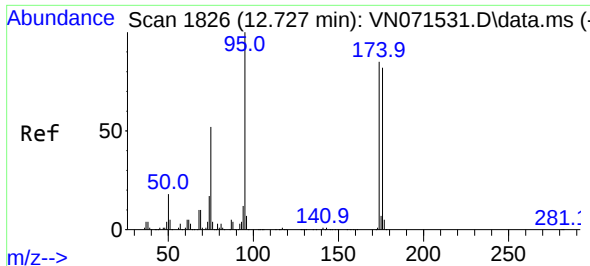
Tgt Ion: 43 Resp: 182102  
Ion Ratio Lower Upper  
43 100  
61 10.1 21.9 32.9#  
87 5.2 12.0 18.0#



#50  
Toluene-d8  
Concen: 48.714 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: VN071550.D  
Acq: 25 Mar 2022 16:17

Tgt Ion: 98 Resp: 1690299  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.6 78.8

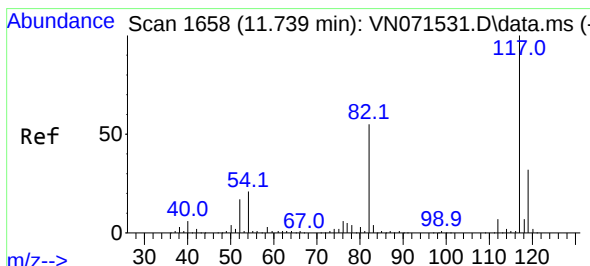
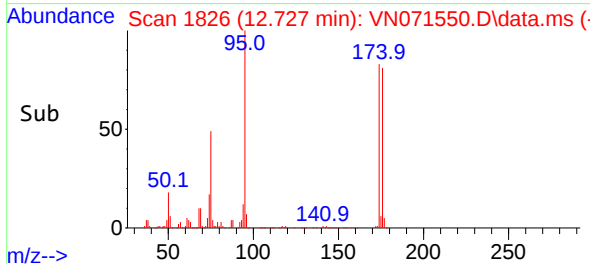
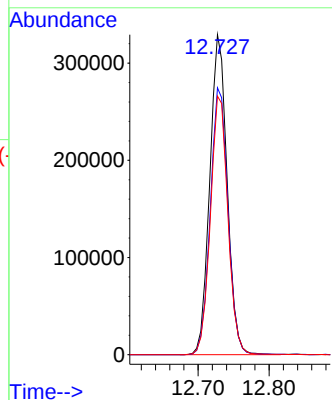
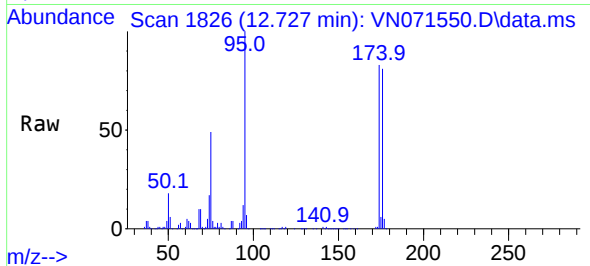




#62  
4-Bromofluorobenzene  
Concen: 49.084 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN071550.D  
Acq: 25 Mar 2022 16:17

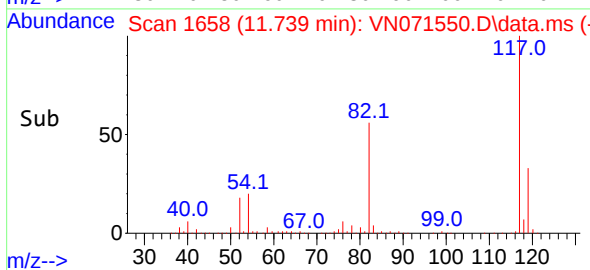
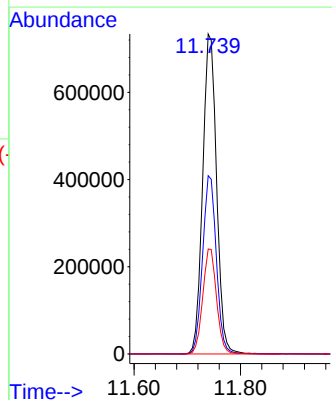
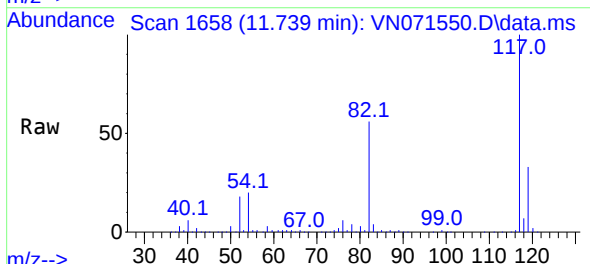
Instrument :  
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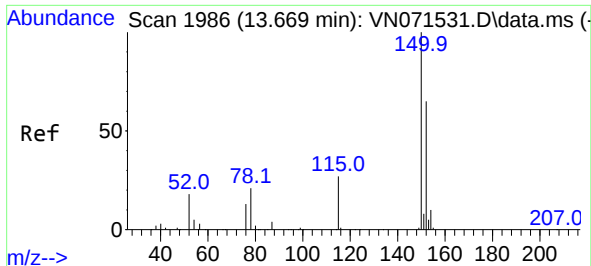
Tgt Ion: 95 Resp: 558048  
Ion Ratio Lower Upper  
95 100  
174 85.0 0.0 167.6  
176 81.5 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VN071550.D  
Acq: 25 Mar 2022 16:17

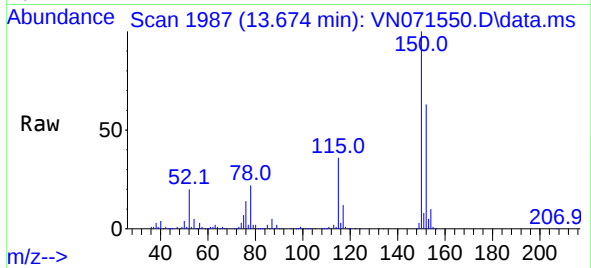
Tgt Ion: 117 Resp: 1328870  
Ion Ratio Lower Upper  
117 100  
82 55.7 44.2 66.2  
119 32.8 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.674 min Scan# 1987  
 Delta R.T. 0.006 min  
 Lab File: VN071550.D  
 Acq: 25 Mar 2022 16:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB143557ZHE#09



Tgt Ion:152 Resp: 491565  
 Ion Ratio Lower Upper  
 152 100  
 115 56.8 28.9 86.7  
 150 157.2 0.0 356.2

