

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111821\  
 Data File : VN069575.D  
 Acq On : 19 Nov 2021 1:58  
 Operator : JC/MD  
 Sample : PB140886ZHE#01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB140886ZHE#01

Quant Time: Nov 19 05:15:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 19 04:51:32 2021  
 Response via : Initial Calibration

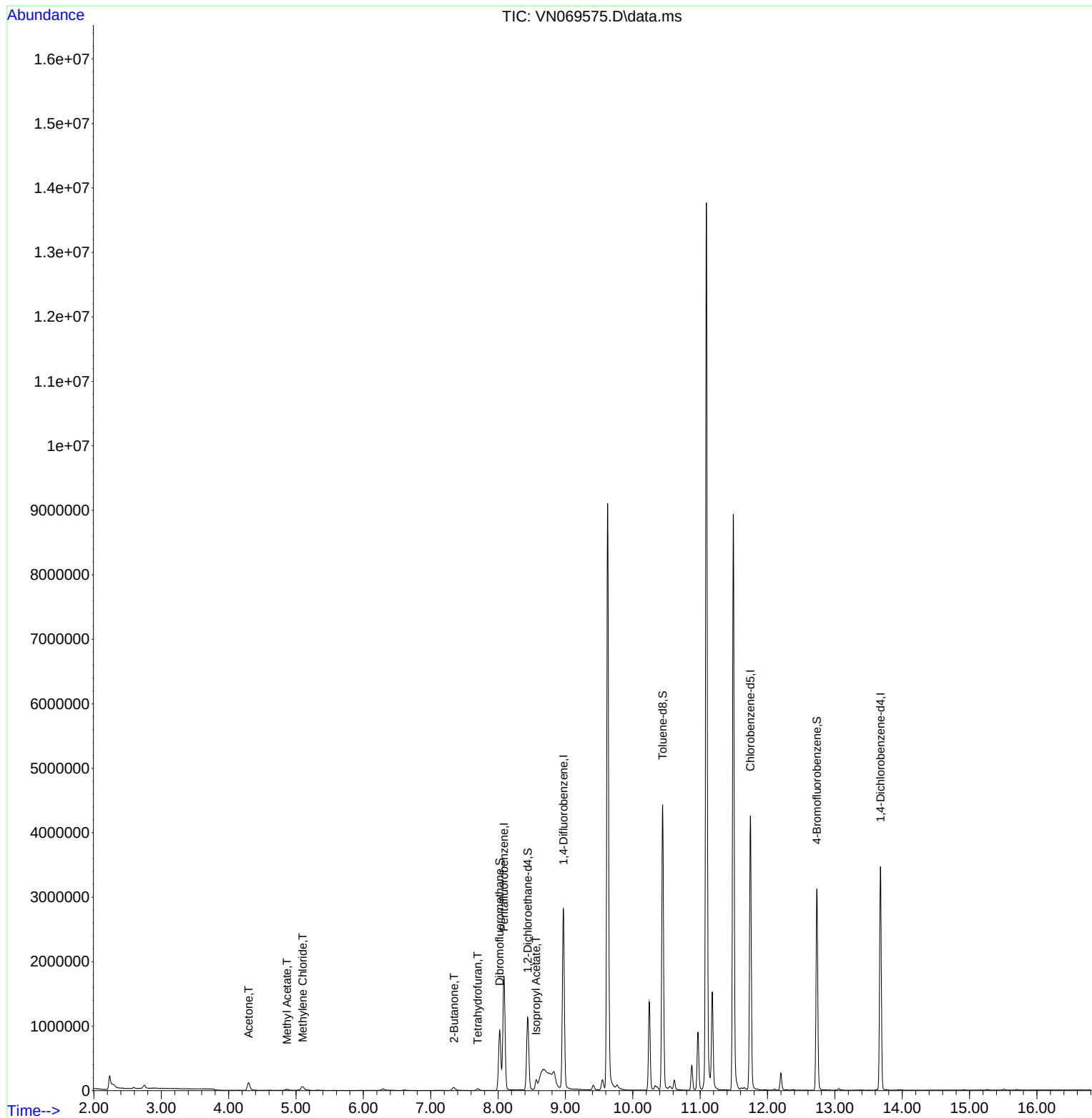
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.088  | 168   | 1313901  | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971  | 114   | 2350108  | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.747 | 117   | 2387846  | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678 | 152   | 920412   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 969181   | 50.873   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 101.740% |          |
| 35) Dibromofluoromethane    | 8.024  | 113   | 674961   | 47.887   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 95.780%  |          |
| 50) Toluene-d8              | 10.443 | 98    | 2985960  | 53.864   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 107.720% |          |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 1073806  | 52.728   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 105.460% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 4.296  | 43    | 227884   | 22.170   | ug/l       | 93       |
| 18) Methyl Acetate          | 4.867  | 43    | 37302    | 1.116    | ug/l #     | 78       |
| 20) Methylene Chloride      | 5.101  | 84    | 41514    | 2.848    | ug/l       | 88       |
| 25) 2-Butanone              | 7.348  | 43    | 65369    | 4.697    | ug/l #     | 90       |
| 29) Tetrahydrofuran         | 7.697  | 42    | 24442    | 2.862    | ug/l       | 88       |
| 43) Isopropyl Acetate       | 8.566  | 43    | 181662   | 4.231    | ug/l #     | 84       |
| -----                       |        |       |          |          |            |          |

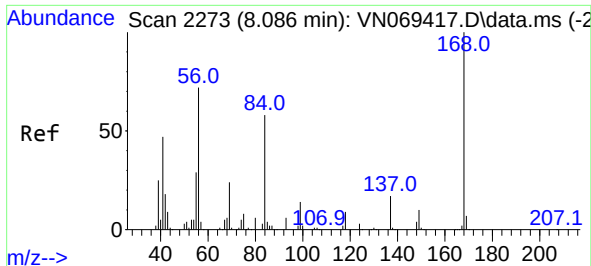
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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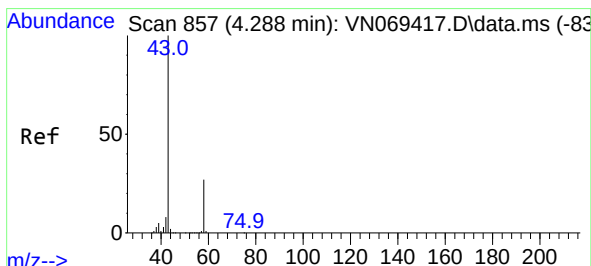
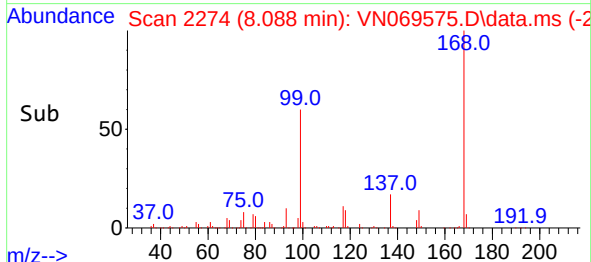
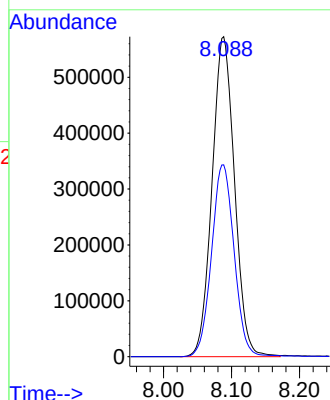
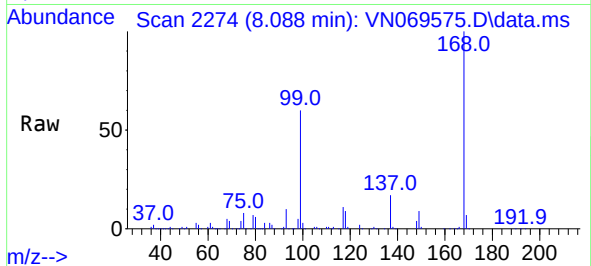




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

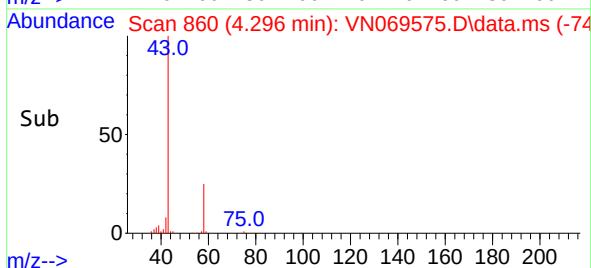
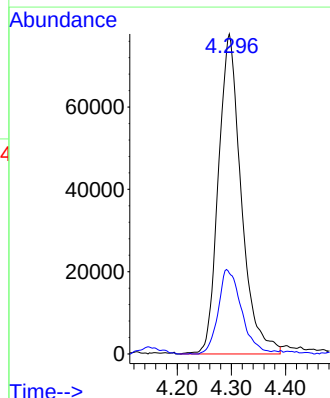
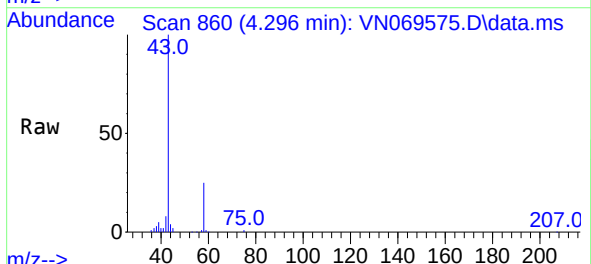
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ClientSampleId :  
PB140886ZHE#01

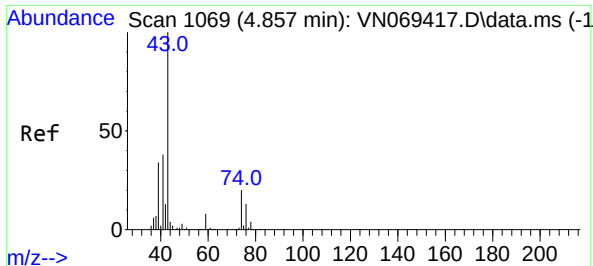
Tgt Ion:168 Resp: 1313901  
Ion Ratio Lower Upper  
168 100  
99 60.0 41.3 61.9



#16  
Acetone  
Concen: 22.170 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.008 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

Tgt Ion: 43 Resp: 227884  
Ion Ratio Lower Upper  
43 100  
58 25.3 23.1 34.7

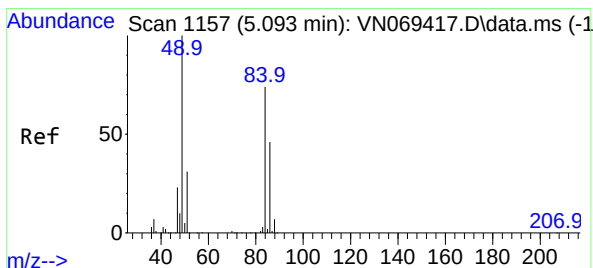
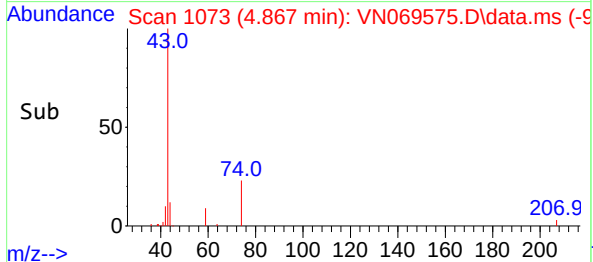
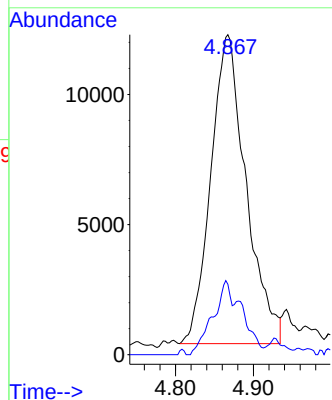
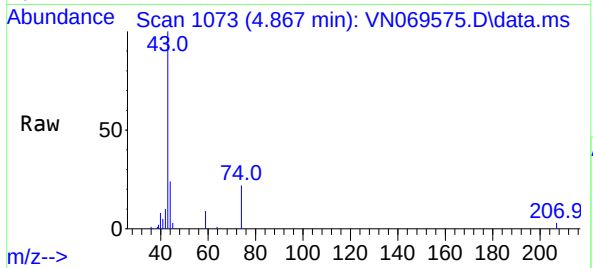




#18  
Methyl Acetate  
Concen: 1.116 ug/l  
RT: 4.867 min Scan# 1160  
Delta R.T. 0.010 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

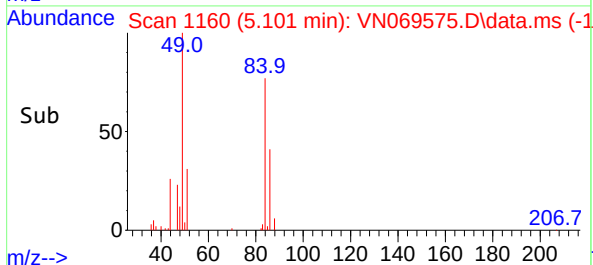
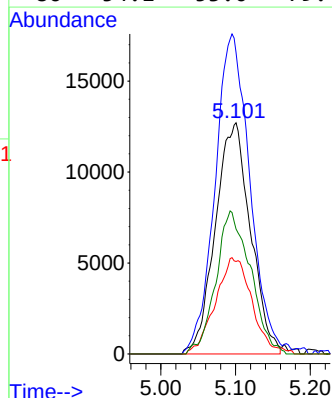
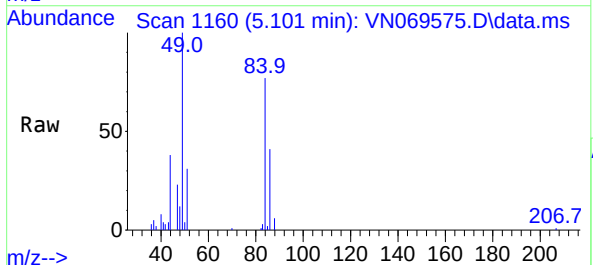
Instrument :  
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ClientSampleId :  
PB140886ZHE#01

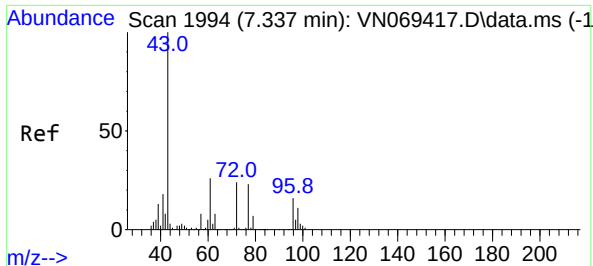
Tgt Ion: 43 Resp: 37302  
Ion Ratio Lower Upper  
43 100  
74 13.2 19.4 29.2#



#20  
Methylene Chloride  
Concen: 2.848 ug/l  
RT: 5.101 min Scan# 1160  
Delta R.T. 0.008 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

Tgt Ion: 84 Resp: 41514  
Ion Ratio Lower Upper  
84 100  
49 130.4 93.5 140.3  
51 40.0 29.4 44.2  
86 54.1 53.0 79.4

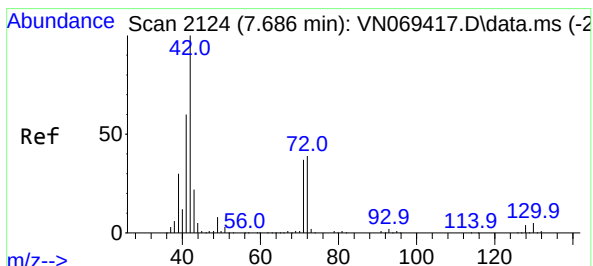
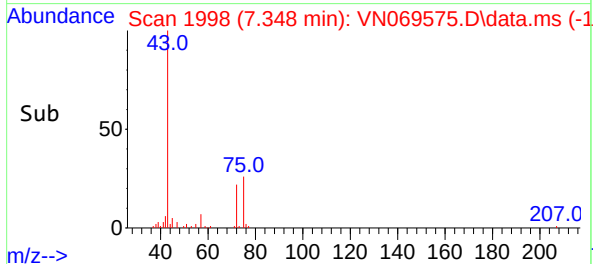
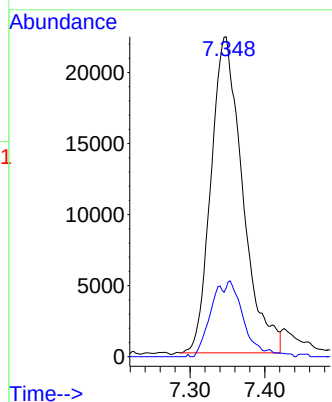
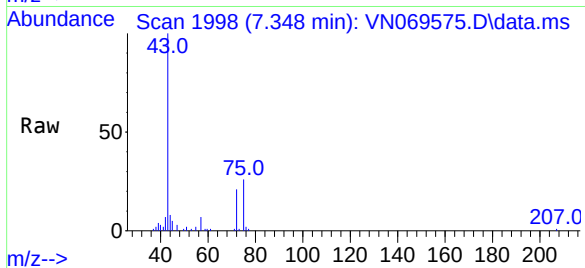




#25  
2-Butanone  
Concen: 4.697 ug/l  
RT: 7.348 min Scan# 1998  
Delta R.T. 0.011 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

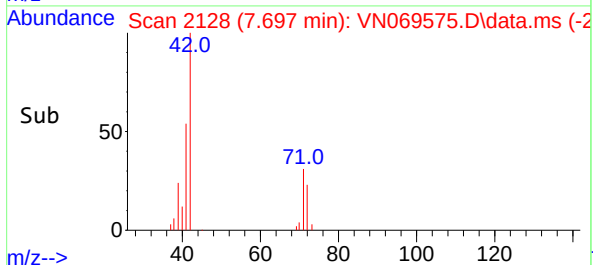
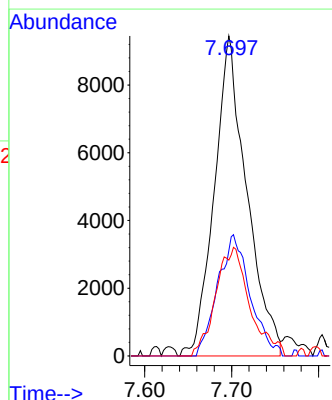
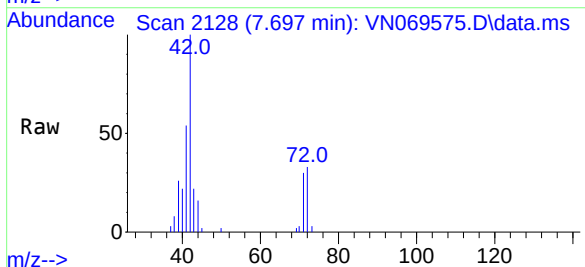
Instrument :  
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ClientSampleId :  
PB140886ZHE#01

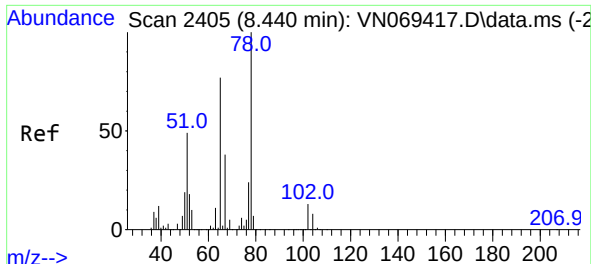
Tgt Ion: 43 Resp: 65369  
Ion Ratio Lower Upper  
43 100  
72 21.7 21.7 32.5#



#29  
Tetrahydrofuran  
Concen: 2.862 ug/l  
RT: 7.697 min Scan# 2128  
Delta R.T. 0.011 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

Tgt Ion: 42 Resp: 24442  
Ion Ratio Lower Upper  
42 100  
72 37.4 36.3 54.5  
71 35.7 34.7 52.1

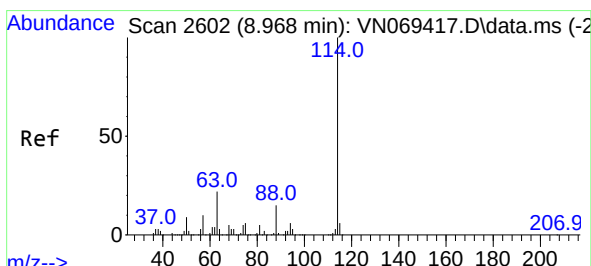
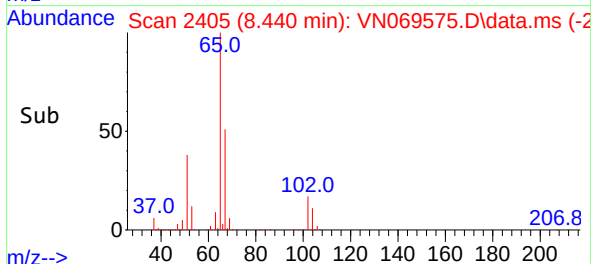
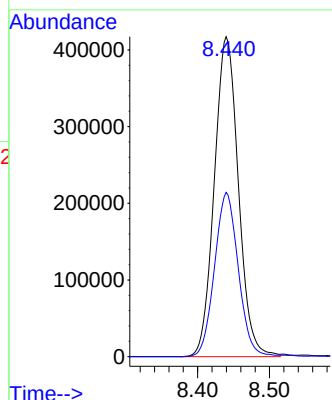
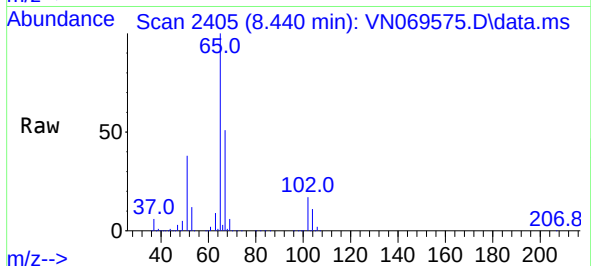




#33  
1,2-Dichloroethane-d4  
Concen: 50.873 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

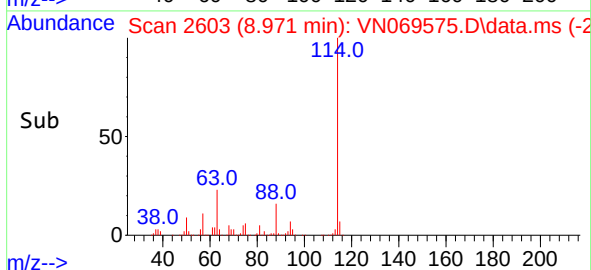
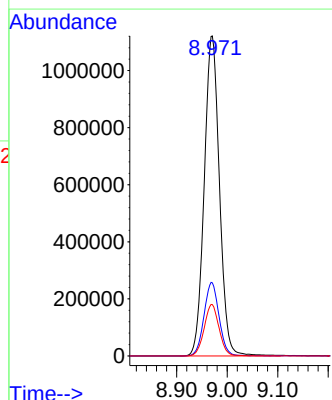
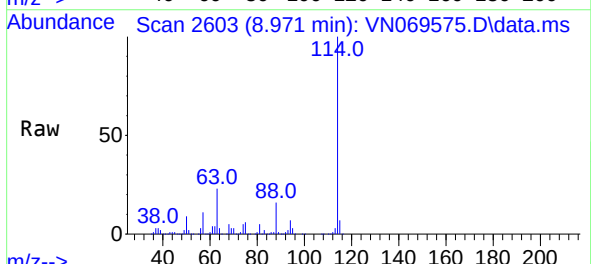
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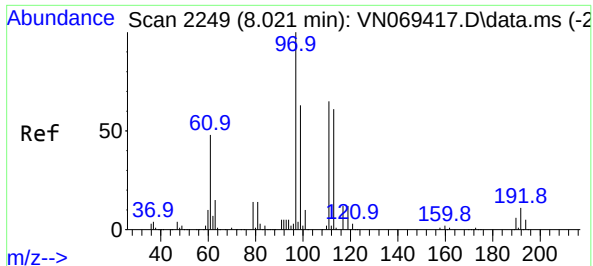
Tgt Ion: 65 Resp: 969181  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 103.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

Tgt Ion: 114 Resp: 2350108  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 37.8  
88 16.1 0.0 27.4

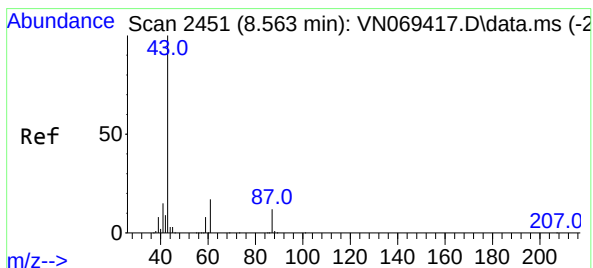
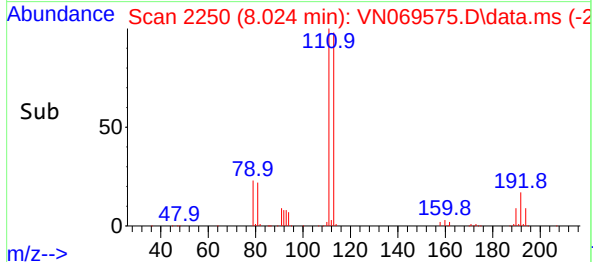
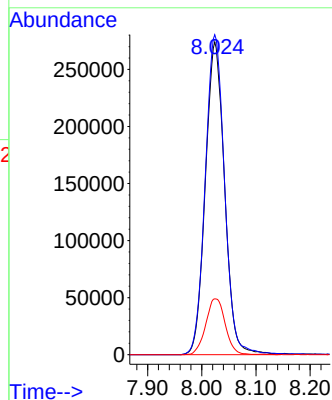
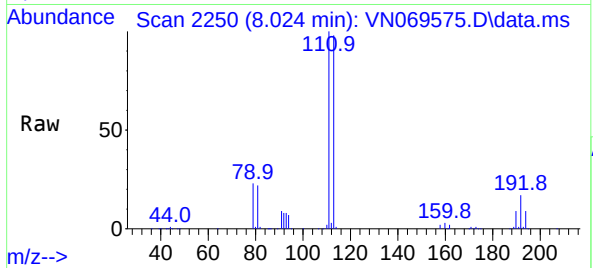




#35  
Dibromofluoromethane  
Concen: 47.887 ug/l  
RT: 8.024 min Scan# 211  
Delta R.T. 0.003 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

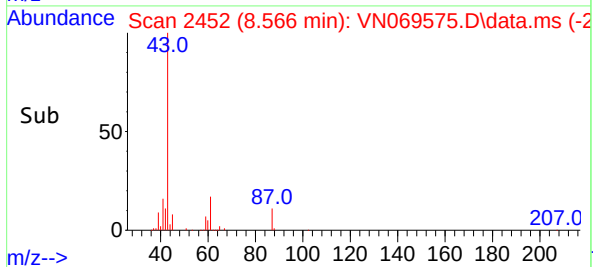
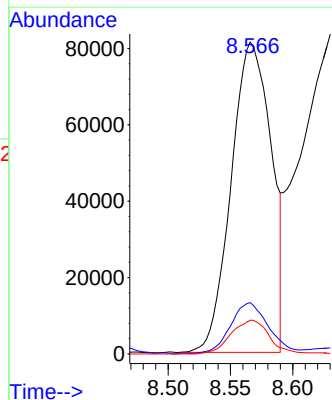
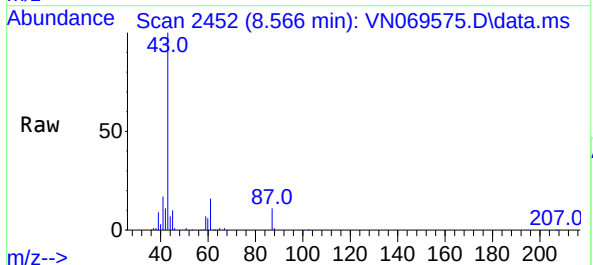
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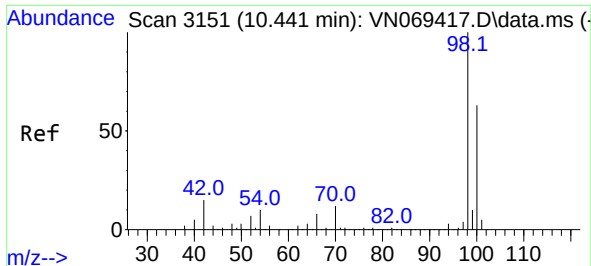
Tgt Ion:113 Resp: 674961  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.2 123.2  
192 18.2 16.9 25.3



#43  
Isopropyl Acetate  
Concen: 4.231 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.003 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

Tgt Ion: 43 Resp: 181662  
Ion Ratio Lower Upper  
43 100  
61 15.4 20.4 30.6#  
87 10.4 11.2 16.8#

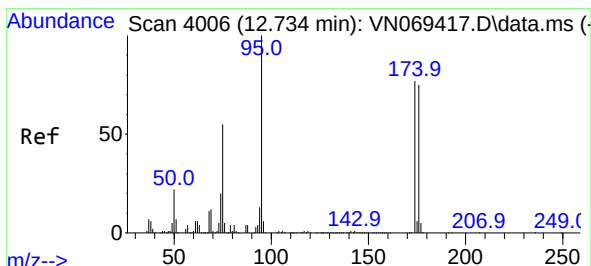
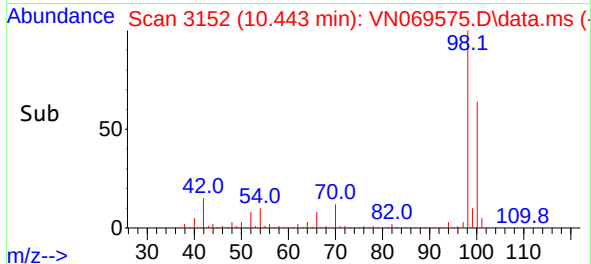
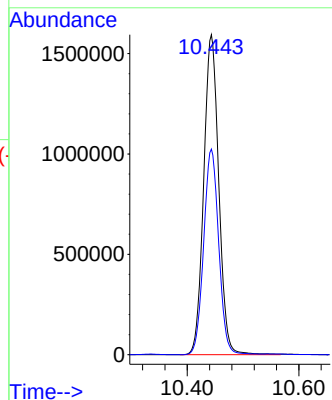
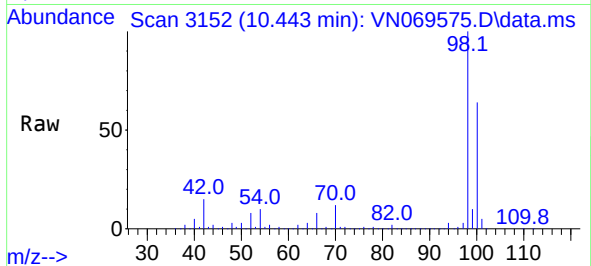




#50  
Toluene-d8  
Concen: 53.864 ug/l  
RT: 10.443 min Scan# 3151  
Delta R.T. 0.002 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

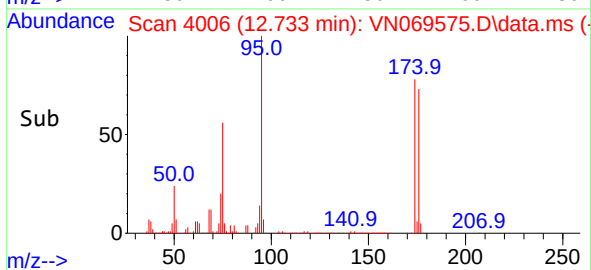
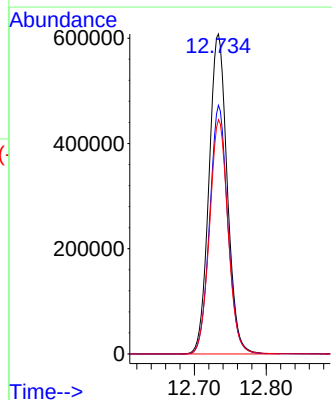
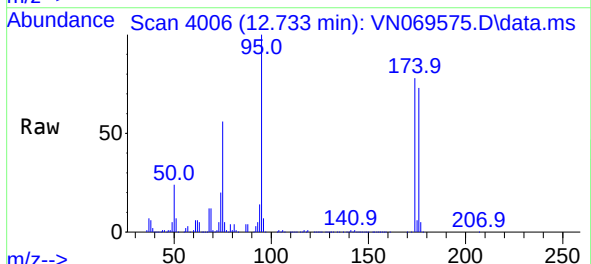
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Tgt Ion: 98 Resp: 2985960  
Ion Ratio Lower Upper  
98 100  
100 64.2 50.4 75.6

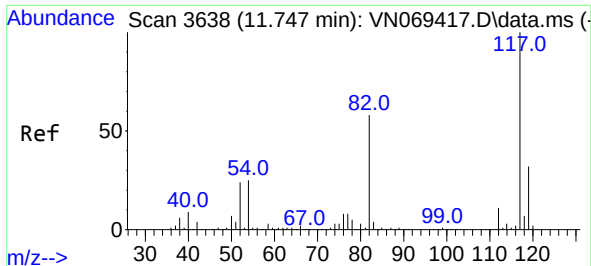


#62  
4-Bromofluorobenzene  
Concen: 52.728 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

Tgt Ion: 95 Resp: 1073806  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 187.2  
176 73.9 0.0 181.4



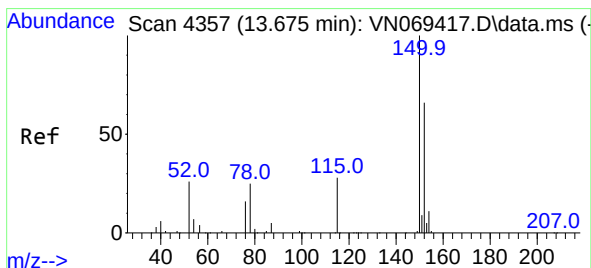
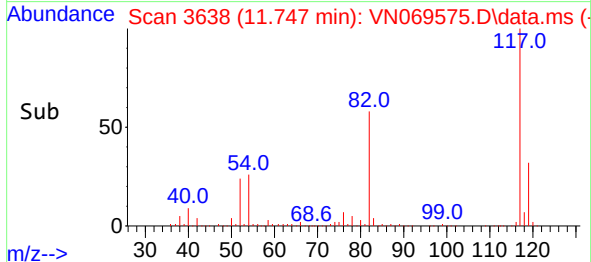
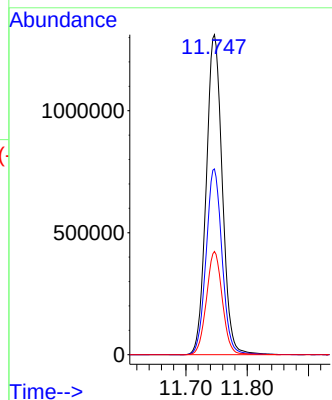
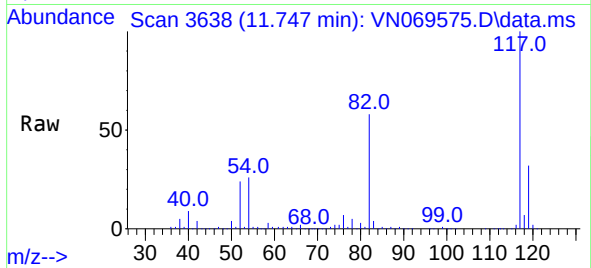




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB140886ZHE#01

Tgt Ion:117 Resp: 2387846  
Ion Ratio Lower Upper  
117 100  
82 58.1 42.4 63.6  
119 32.2 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN069575.D  
Acq: 19 Nov 2021 1:58

Tgt Ion:152 Resp: 920412  
Ion Ratio Lower Upper  
152 100  
115 60.5 27.5 82.5  
150 157.9 0.0 344.4

