

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092121\  
 Data File : VN068597.D  
 Acq On : 21 Sep 2021 21:29  
 Operator : JC/MD  
 Sample : M3772-04  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WASTE-PRE-CLASS

Quant Time: Sep 22 03:44:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 17 11:02:11 2021  
 Response via : Initial Calibration

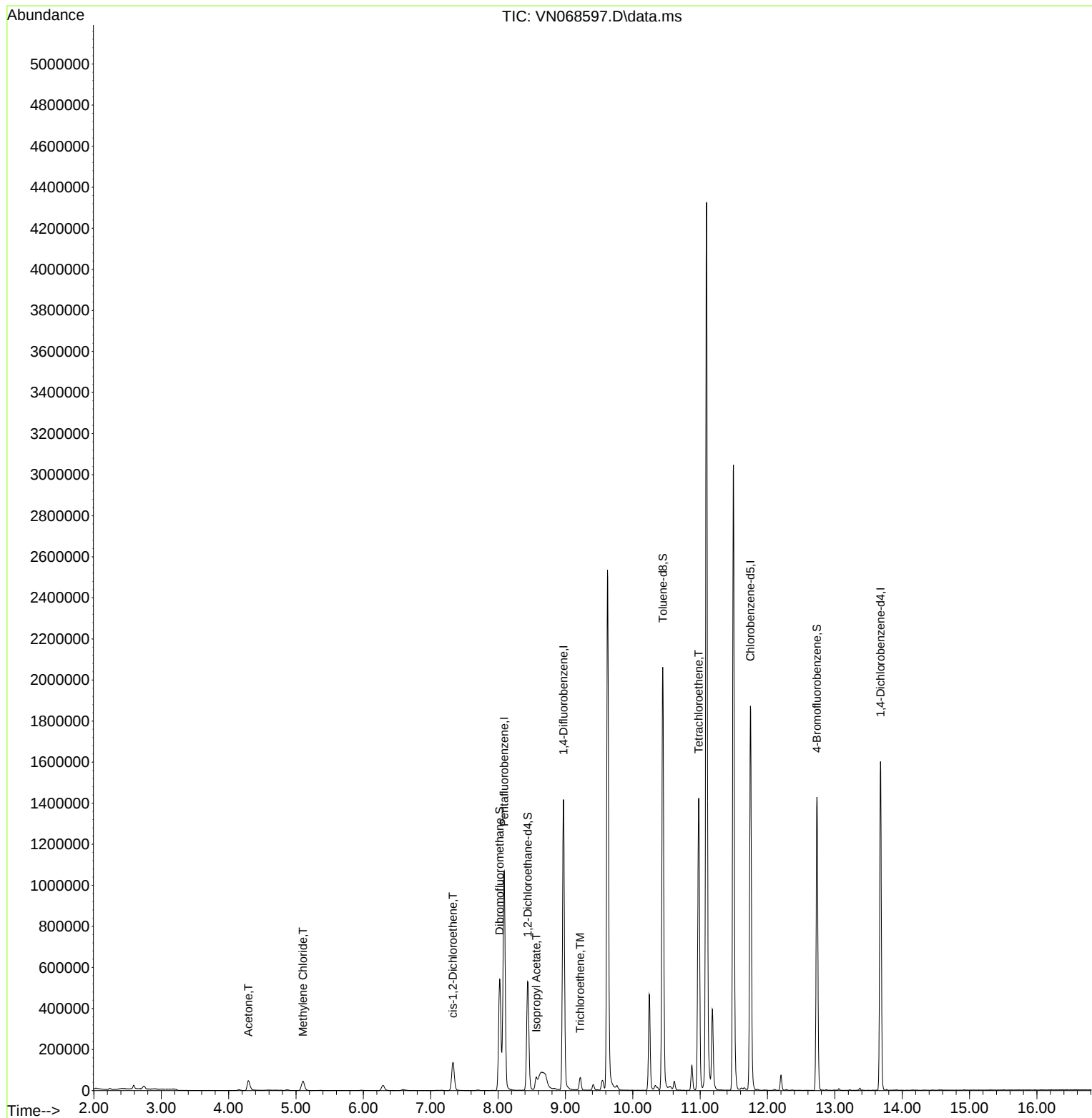
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.091  | 168   | 877765   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971  | 114   | 1319422  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.747 | 117   | 1168639  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678 | 152   | 455389   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 459264   | 57.039   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 114.080% |
| 35) Dibromofluoromethane    | 8.024  | 113   | 395716   | 49.727   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 99.460%  |
| 50) Toluene-d8              | 10.446 | 98    | 1517909  | 46.757   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 93.520%  |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 477002   | 44.808   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 89.620%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.293  | 43    | 92853    | 33.452   | ug/l   | 92       |
| 20) Methylene Chloride      | 5.103  | 84    | 39667    | 4.011    | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene  | 7.329  | 96    | 86158    | 9.317    | ug/l   | 97       |
| 43) Isopropyl Acetate       | 8.568  | 43    | 67122    | 4.547    | ug/l # | 79       |
| 44) Trichloroethene         | 9.220  | 130   | 23310    | 2.261    | ug/l   | 92       |
| 64) Tetrachloroethene       | 10.980 | 164   | 304853   | 29.432   | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

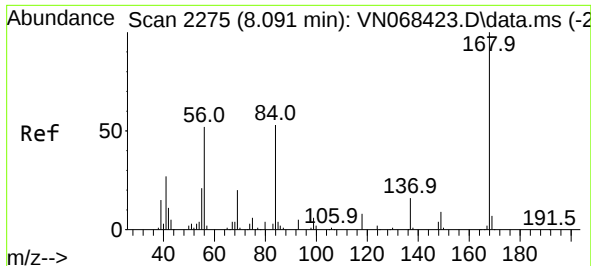
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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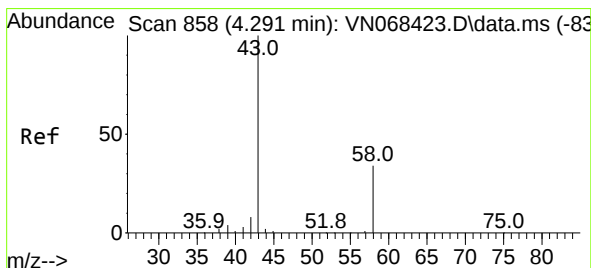
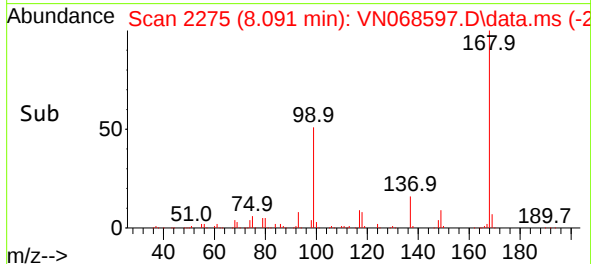
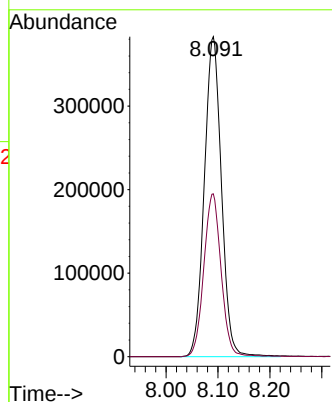
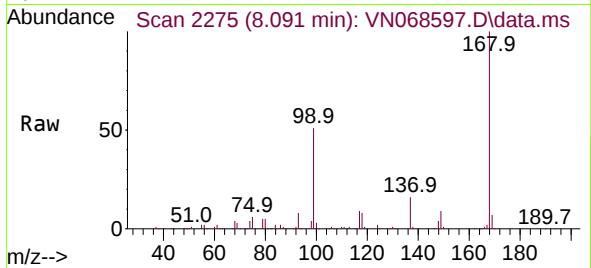




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.091 min Scan# 2275  
Delta R.T. 0.000 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

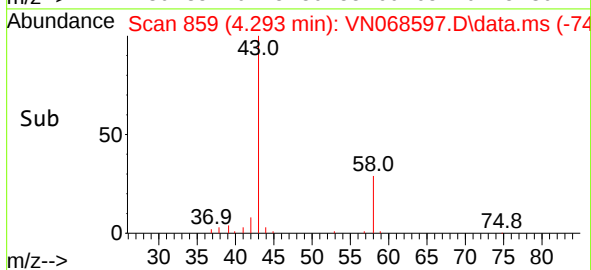
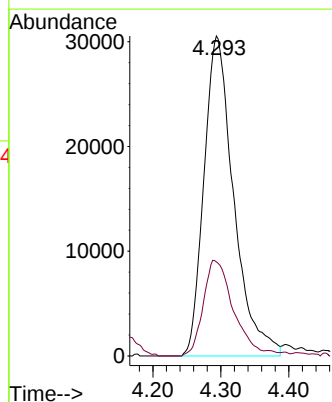
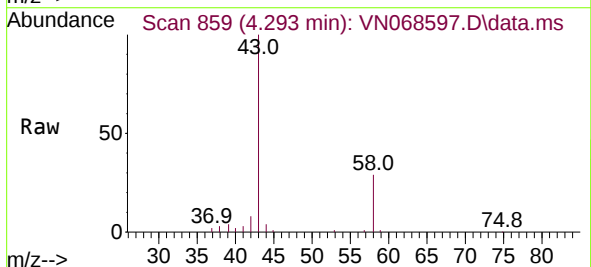
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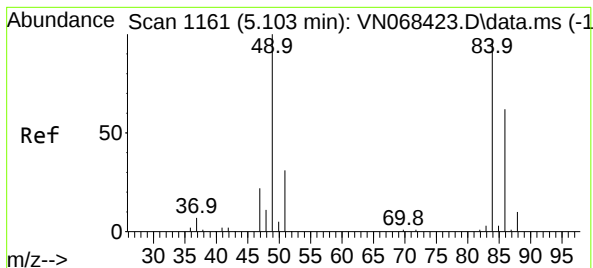
Tgt Ion:168 Resp: 877765  
Ion Ratio Lower Upper  
168 100  
99 50.9 38.2 57.4



#16  
Acetone  
Concen: 33.452 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.002 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

Tgt Ion: 43 Resp: 92853  
Ion Ratio Lower Upper  
43 100  
58 29.4 27.0 40.6

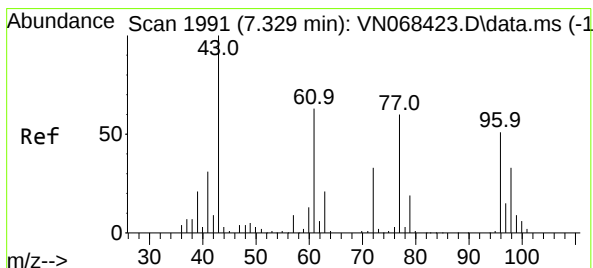
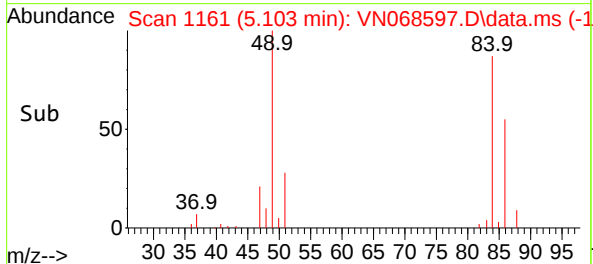
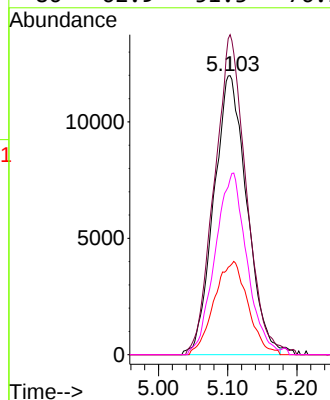
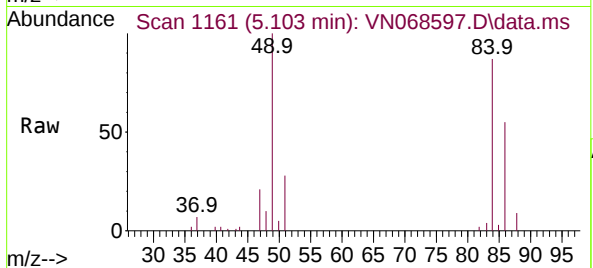




#20  
Methylene Chloride  
Concen: 4.011 ug/l  
RT: 5.103 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

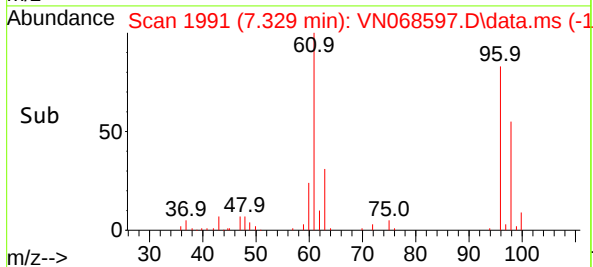
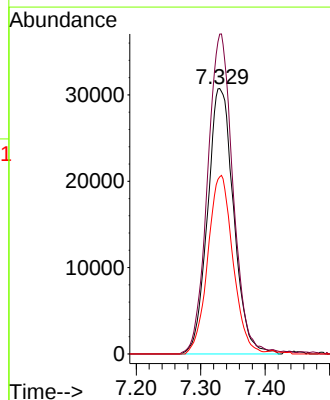
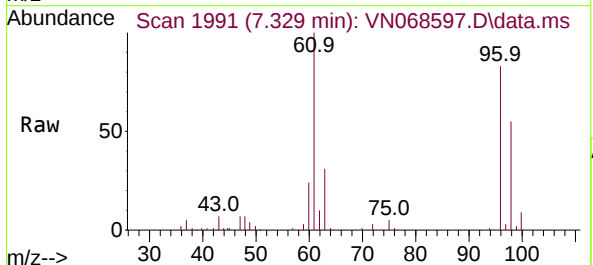
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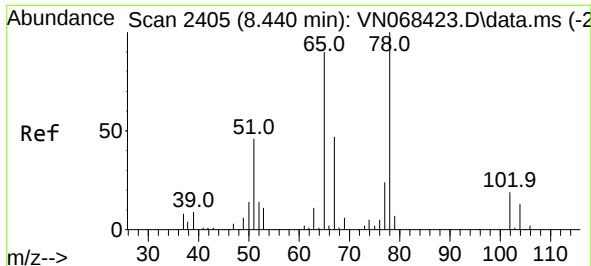
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 39667 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 114.6 | 83.0  | 124.6 |
| 51       | 31.8  | 25.4  | 38.0  |
| 86       | 62.9  | 51.3  | 76.9  |



#27  
cis-1,2-Dichloroethene  
Concen: 9.317 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 86158 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 117.6 | 0.0   | 246.4 |
| 98       | 65.0  | 0.0   | 130.4 |

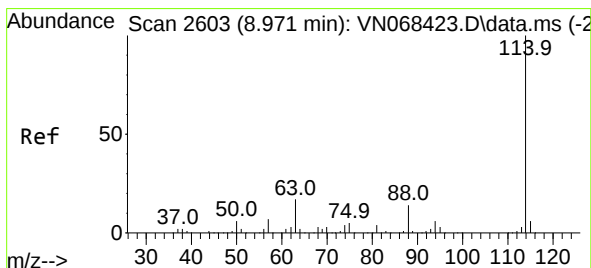
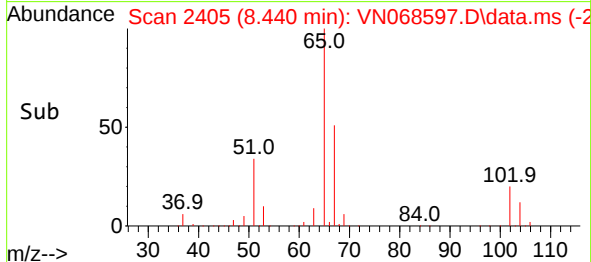
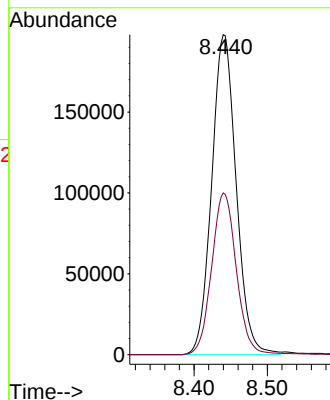
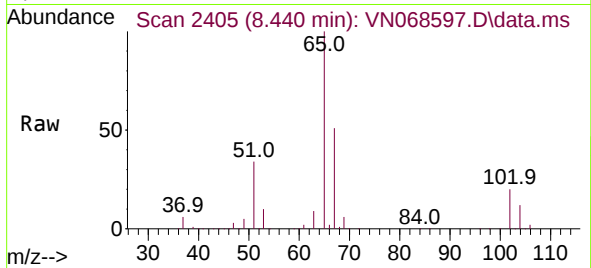




#33  
 1,2-Dichloroethane-d4  
 Concen: 57.039 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: VN068597.D  
 Acq: 21 Sep 2021 21:29

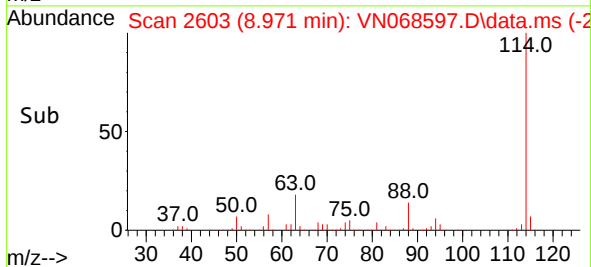
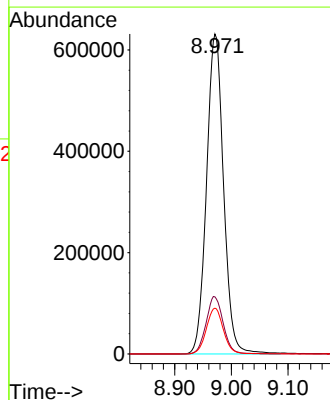
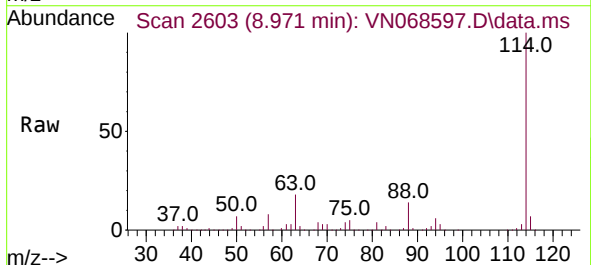
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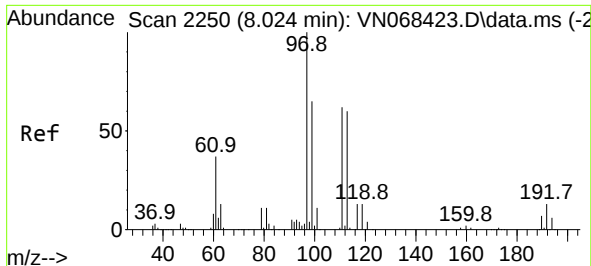
Tgt Ion: 65 Resp: 459264  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.971 min Scan# 2603  
 Delta R.T. -0.000 min  
 Lab File: VN068597.D  
 Acq: 21 Sep 2021 21:29

Tgt Ion: 114 Resp: 1319422  
 Ion Ratio Lower Upper  
 114 100  
 63 17.9 0.0 33.2  
 88 14.3 0.0 28.4

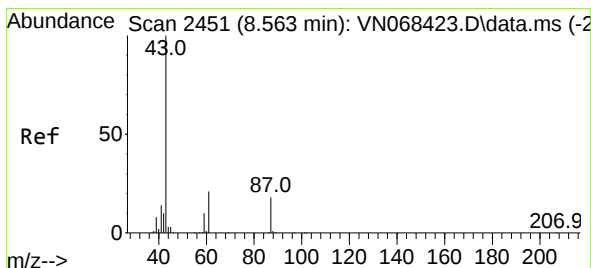
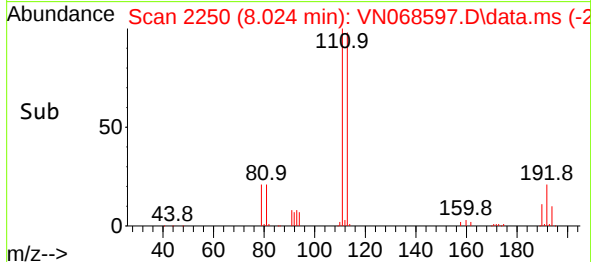
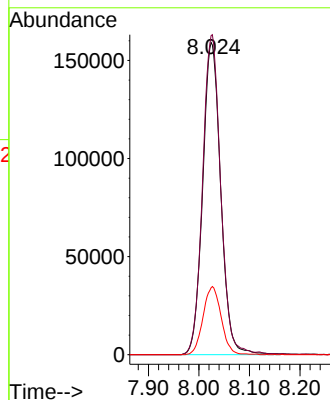
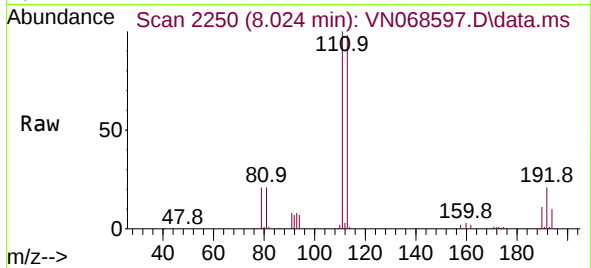




#35  
Dibromofluoromethane  
Concen: 49.727 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

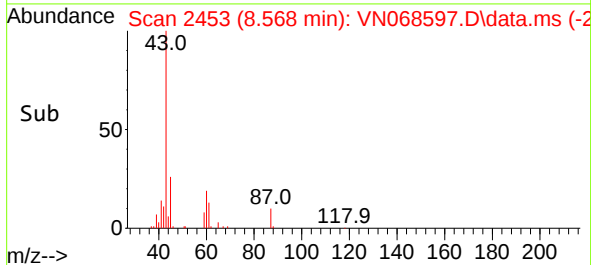
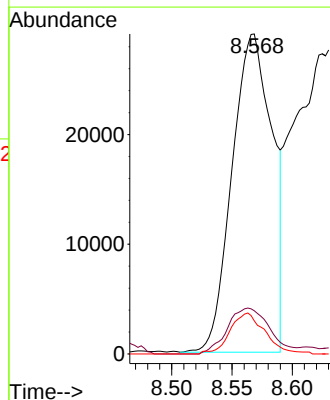
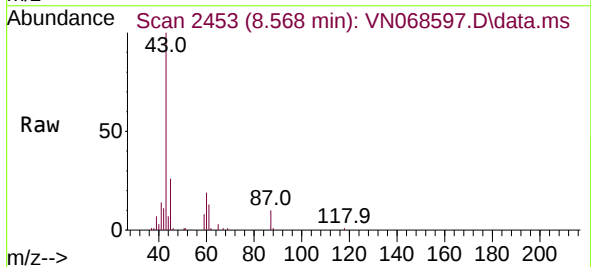
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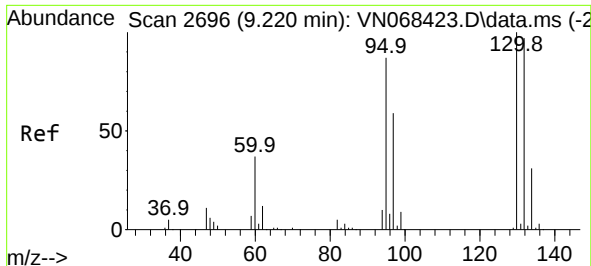
Tgt Ion:113 Resp: 395716  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.1 121.7  
192 21.8 17.7 26.5



#43  
Isopropyl Acetate  
Concen: 4.547 ug/l  
RT: 8.568 min Scan# 2453  
Delta R.T. 0.005 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

Tgt Ion: 43 Resp: 67122  
Ion Ratio Lower Upper  
43 100  
61 15.2 23.3 34.9#  
87 11.3 13.8 20.6#

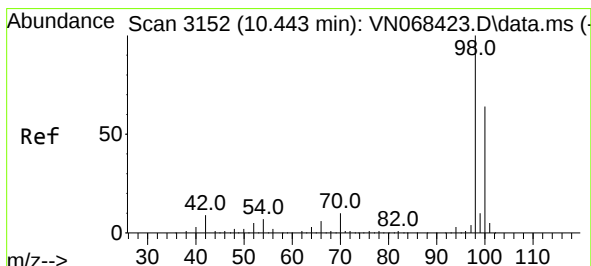
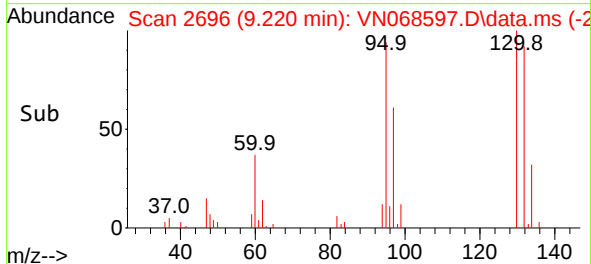
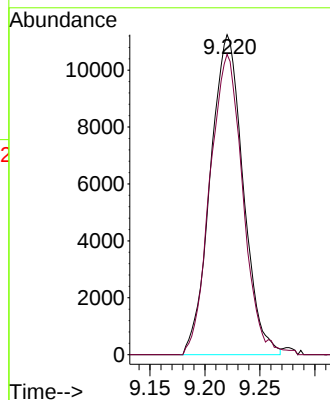
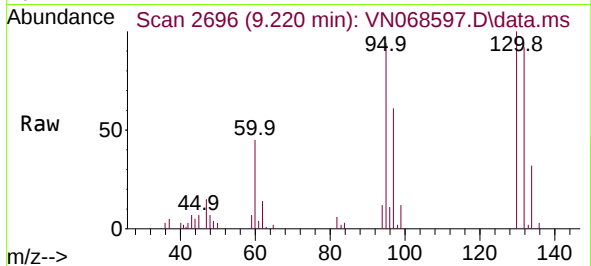




#44  
Trichloroethene  
Concen: 2.261 ug/l  
RT: 9.220 min Scan# 2696  
Delta R.T. 0.000 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

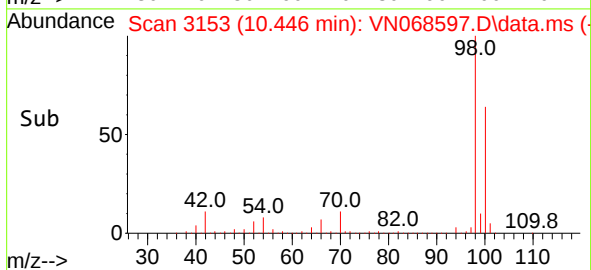
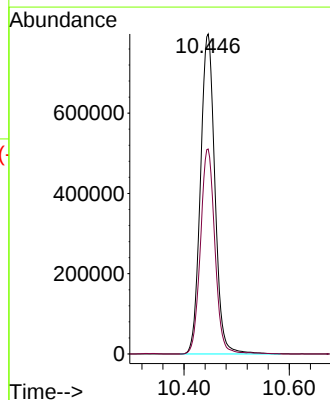
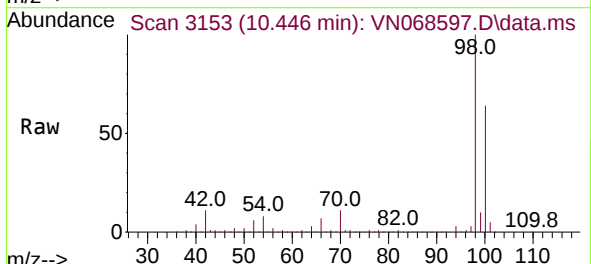
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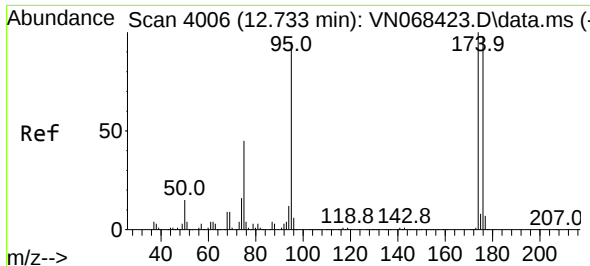
Tgt Ion:130 Resp: 23310  
Ion Ratio Lower Upper  
130 100  
95 93.8 0.0 173.8



#50  
Toluene-d8  
Concen: 46.757 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

Tgt Ion: 98 Resp: 1517909  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.0 76.6

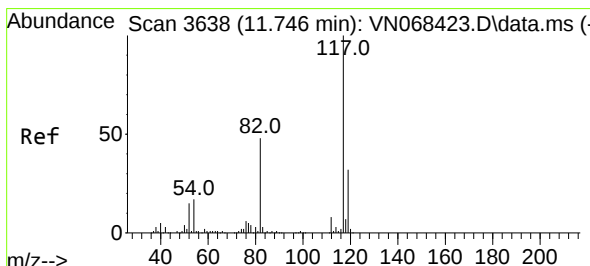
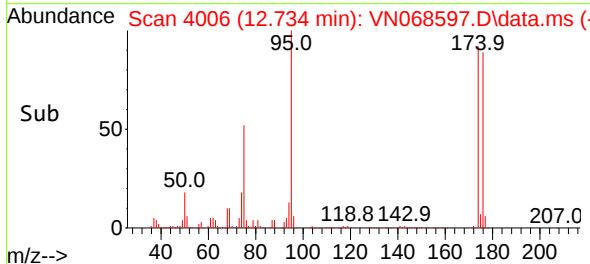
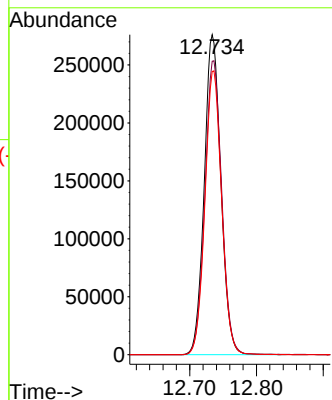
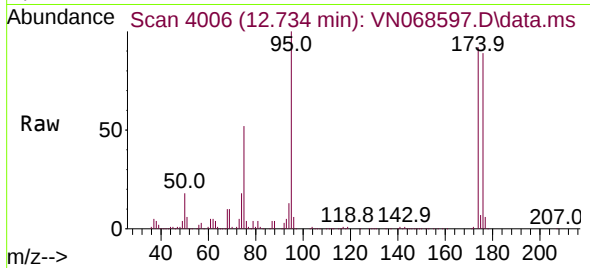




#62  
4-Bromofluorobenzene  
Concen: 44.808 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.001 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

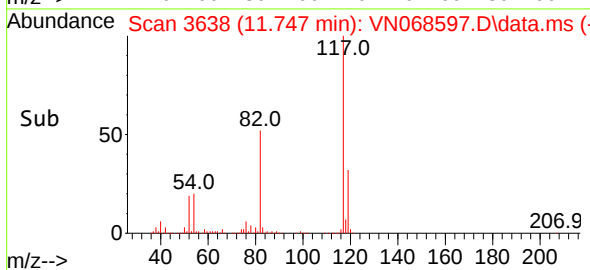
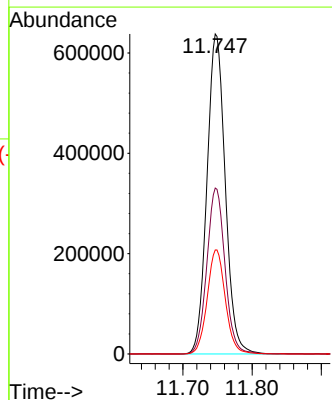
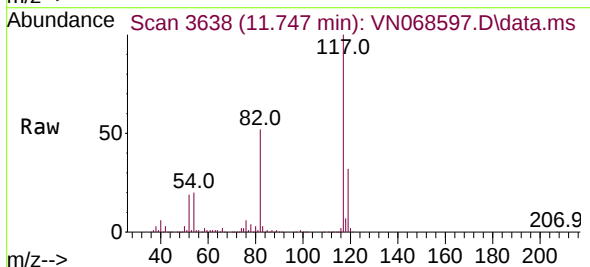
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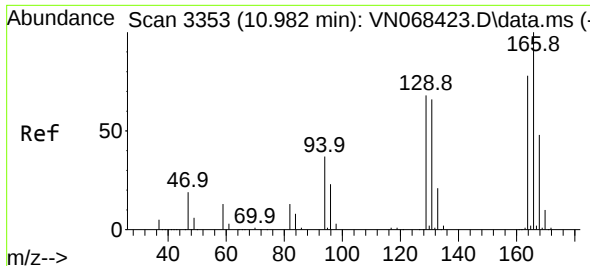
Tgt Ion: 95 Resp: 477002  
Ion Ratio Lower Upper  
95 100  
174 93.7 0.0 214.0  
176 89.2 0.0 205.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.001 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

Tgt Ion: 117 Resp: 1168639  
Ion Ratio Lower Upper  
117 100  
82 51.9 38.7 58.1  
119 32.5 25.5 38.3

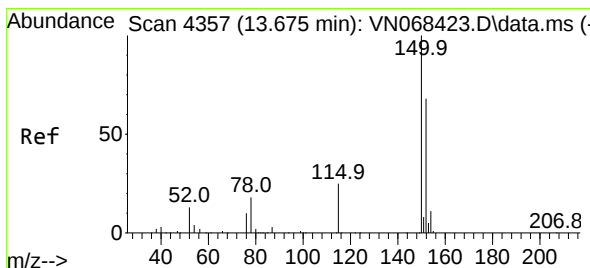
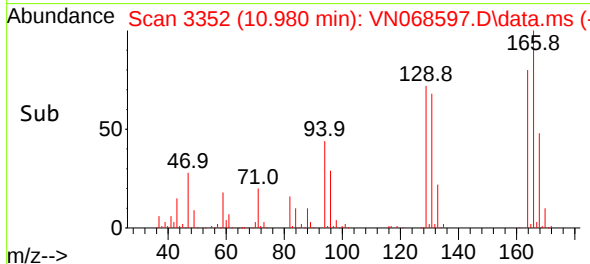
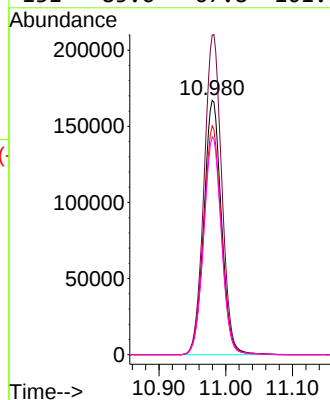
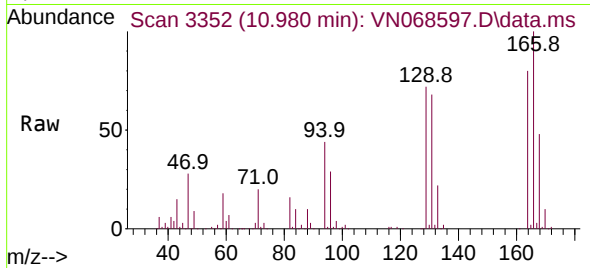




#64  
Tetrachloroethene  
Concen: 29.432 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. -0.002 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

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Tgt Ion:164 Resp: 304853  
Ion Ratio Lower Upper  
164 100  
166 125.7 102.9 154.3  
129 89.9 70.1 105.1  
131 85.6 67.8 101.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN068597.D  
Acq: 21 Sep 2021 21:29

Tgt Ion:152 Resp: 455389  
Ion Ratio Lower Upper  
152 100  
115 56.2 25.6 76.6  
150 158.9 0.0 346.8

