

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091521\  
 Data File : VN068484.D  
 Acq On : 15 Sep 2021 15:18  
 Operator : JC/MD  
 Sample : PB139097TB  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB139097TB

Quant Time: Sep 16 03:15:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 10 04:04:05 2021  
 Response via : Initial Calibration

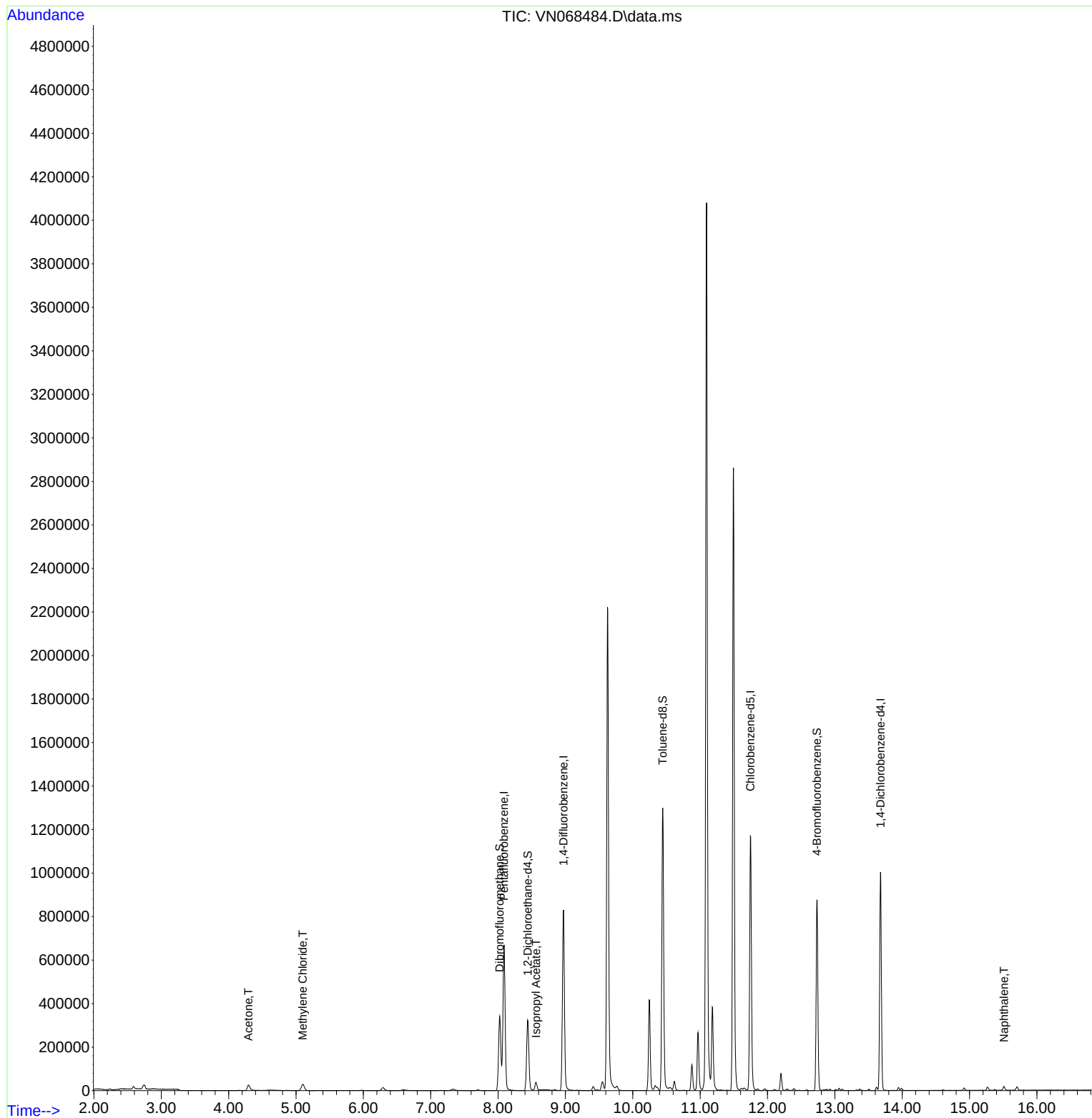
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.088     | 168   | 547252   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971     | 114   | 800366   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.747    | 117   | 783629   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678    | 152   | 303538   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 277394   | 55.258   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =      | 110.520% |
| 35) Dibromofluoromethane    | 8.024     | 113   | 247508   | 51.273   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =      | 102.540% |
| 50) Toluene-d8              | 10.443    | 98    | 992468   | 56.600   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =      | 113.200% |
| 62) 4-Bromofluorobenzene    | 12.734    | 95    | 297538   | 53.029   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =      | 106.060% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.293     | 43    | 48175    | 29.000   | ug/l   | 96       |
| 20) Methylene Chloride      | 5.101     | 84    | 24932    | 4.055    | ug/l   | 93       |
| 43) Isopropyl Acetate       | 8.563     | 43    | 42345    | 4.729    | ug/l # | 90       |
| 95) Naphthalene             | 15.512    | 128   | 18662    | 4.941    | ug/l   | 98       |
| -----                       |           |       |          |          |        |          |

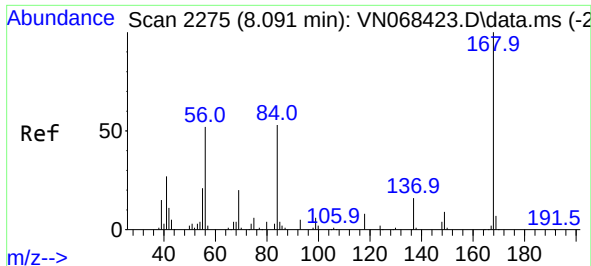
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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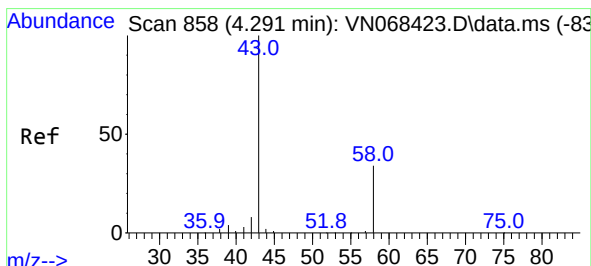
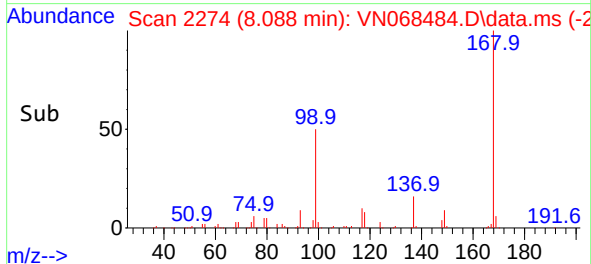
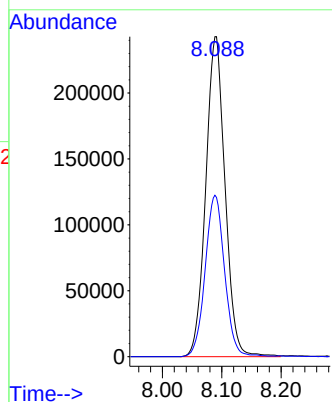
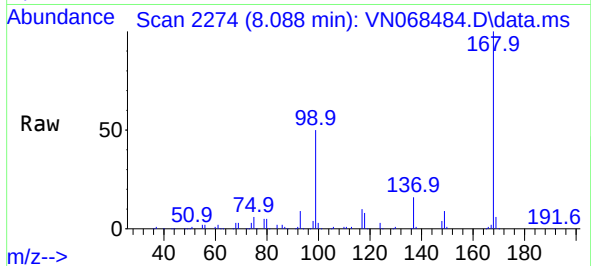




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. -0.003 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

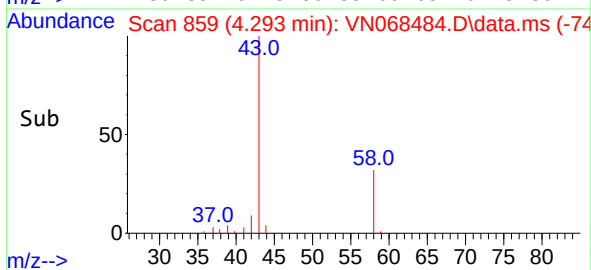
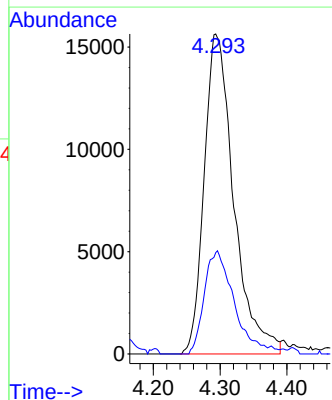
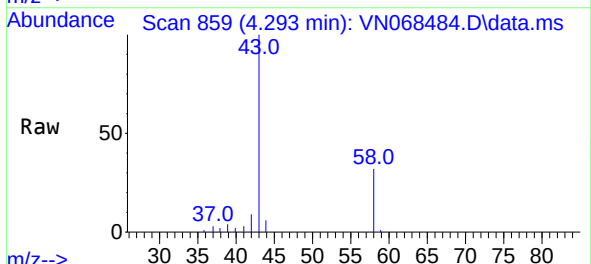
Instrument :  
MSVOA\_N  
ClientSampleId :  
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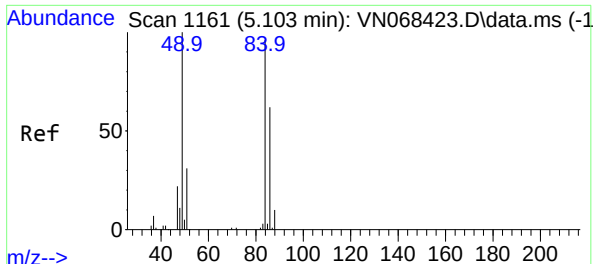
Tgt Ion:168 Resp: 547252  
Ion Ratio Lower Upper  
168 100  
99 50.5 38.2 57.4



#16  
Acetone  
Concen: 29.000 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.003 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

Tgt Ion: 43 Resp: 48175  
Ion Ratio Lower Upper  
43 100  
58 31.6 27.0 40.6

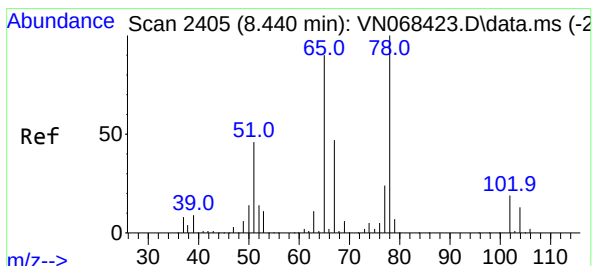
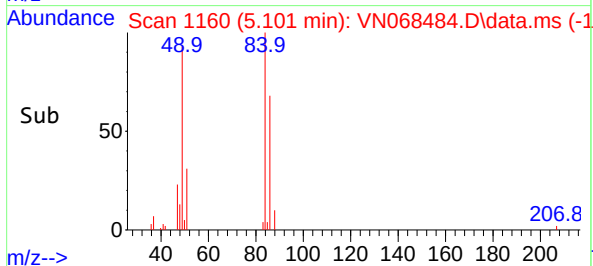
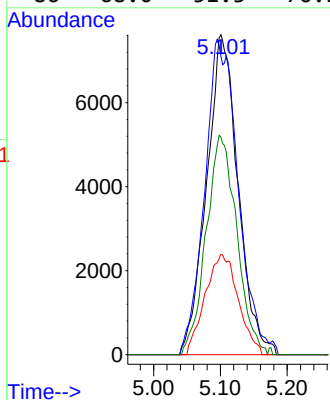
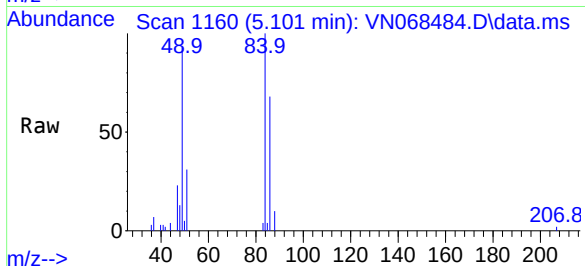




#20  
Methylene Chloride  
Concen: 4.055 ug/l  
RT: 5.101 min Scan# 1160  
Delta R.T. -0.002 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

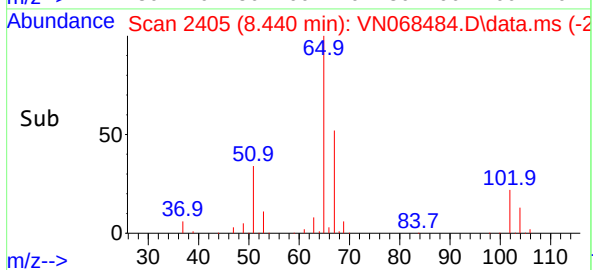
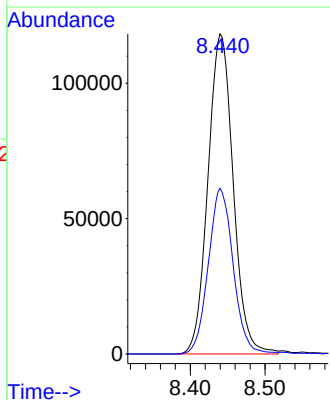
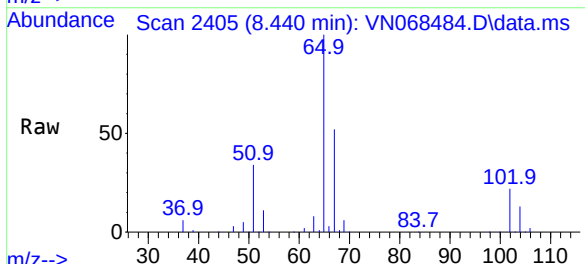
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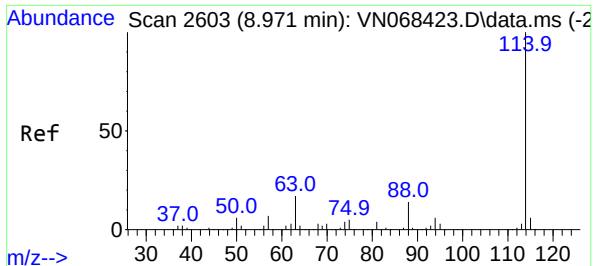
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 24932 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 93.4  | 83.0  | 124.6 |
| 51       | 31.3  | 25.4  | 38.0  |
| 86       | 68.0  | 51.3  | 76.9  |



#33  
1,2-Dichloroethane-d4  
Concen: 55.258 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 277394 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 50.9  | 0.0   | 104.0  |

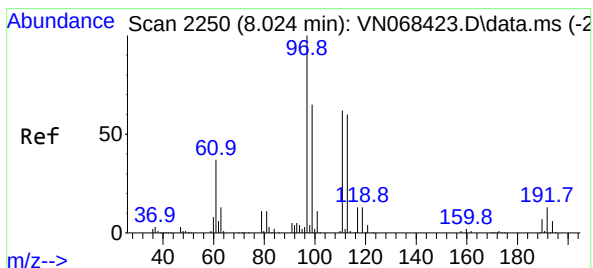
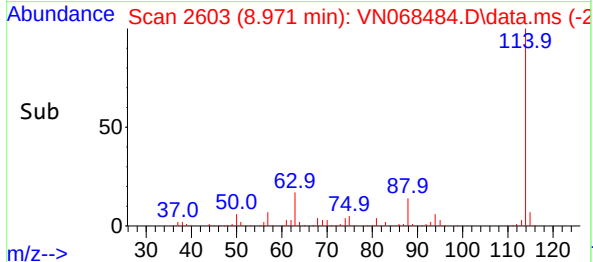
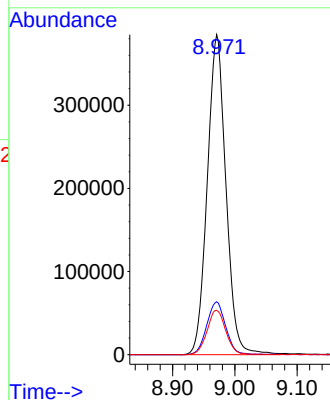
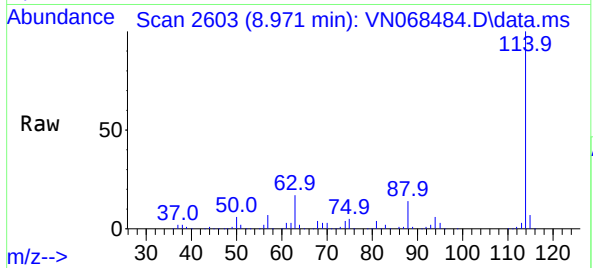




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. -0.000 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

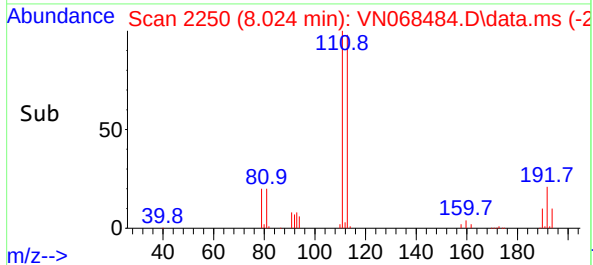
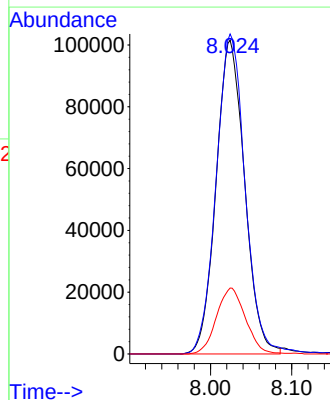
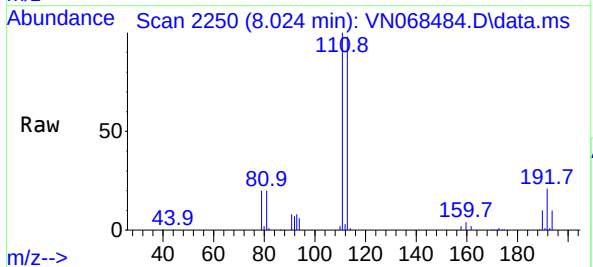
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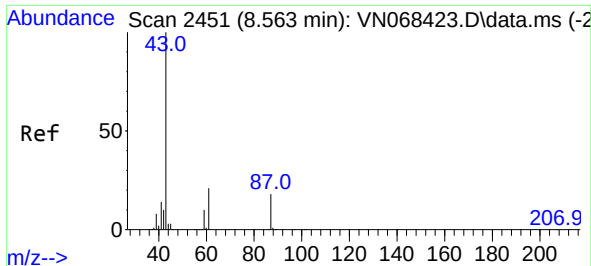
Tgt Ion:114 Resp: 800366  
Ion Ratio Lower Upper  
114 100  
63 16.6 0.0 33.2  
88 13.8 0.0 28.4



#35  
Dibromofluoromethane  
Concen: 51.273 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

Tgt Ion:113 Resp: 247508  
Ion Ratio Lower Upper  
113 100  
111 103.6 81.1 121.7  
192 21.3 17.7 26.5

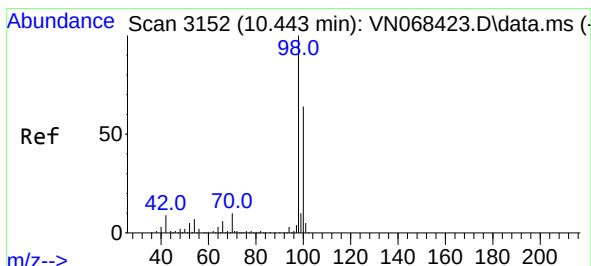
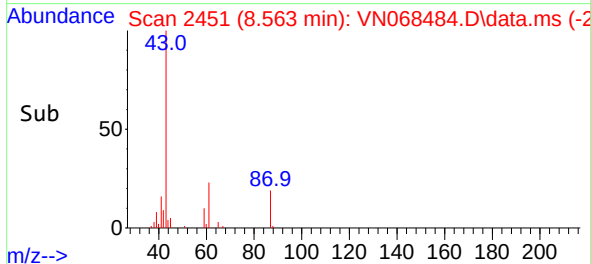
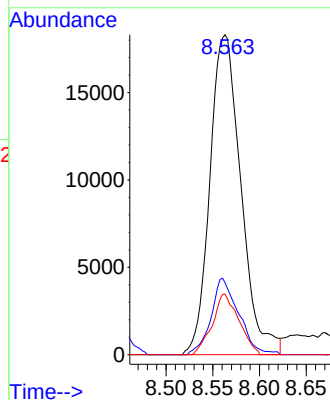
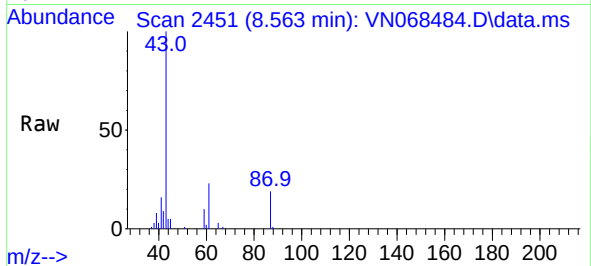




#43  
Isopropyl Acetate  
Concen: 4.729 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.000 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

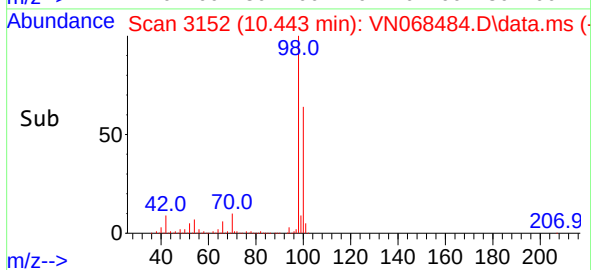
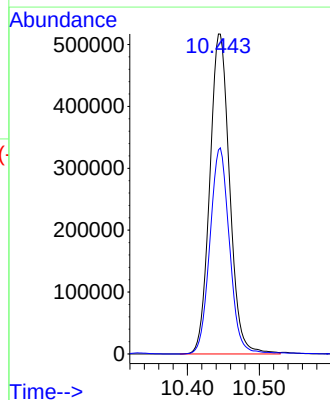
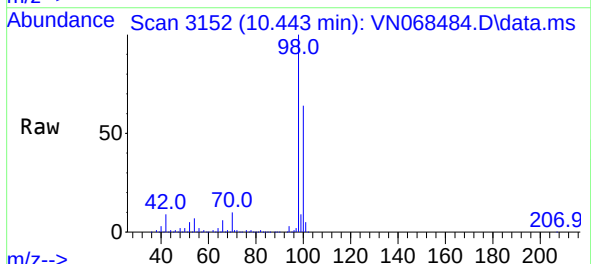
Instrument :  
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ClientSampleId :  
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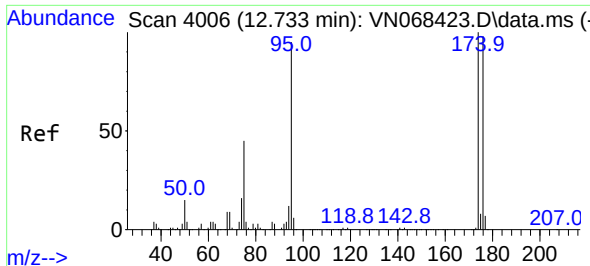
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 42345 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 21.3  | 23.3  | 34.9# |
| 87       | 16.3  | 13.8  | 20.6  |



#50  
Toluene-d8  
Concen: 56.600 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 992468 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.6  | 51.0  | 76.6   |

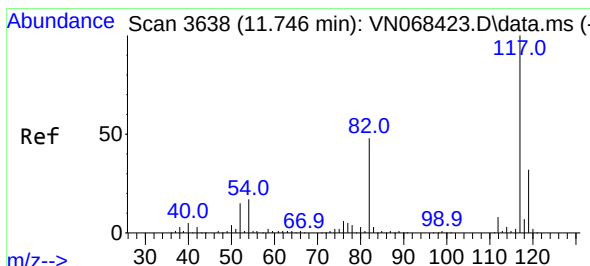
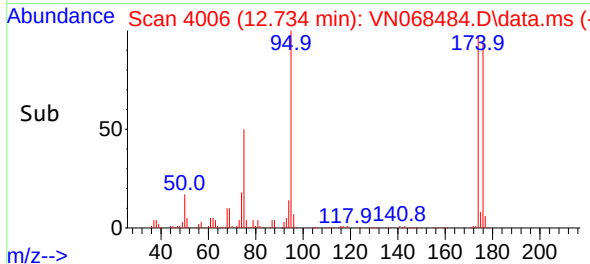
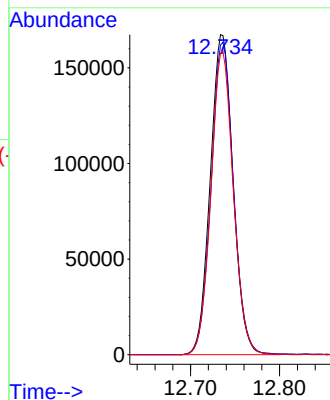
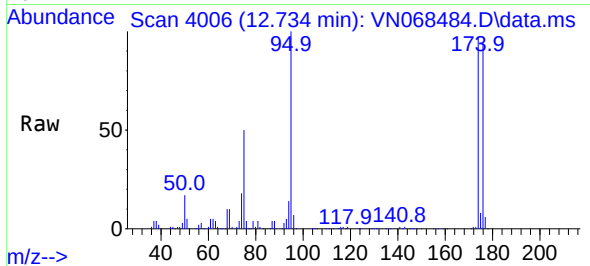




#62  
4-Bromofluorobenzene  
Concen: 53.029 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

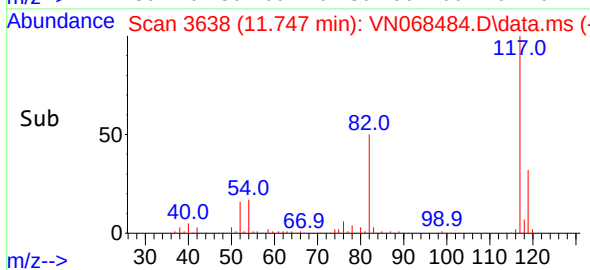
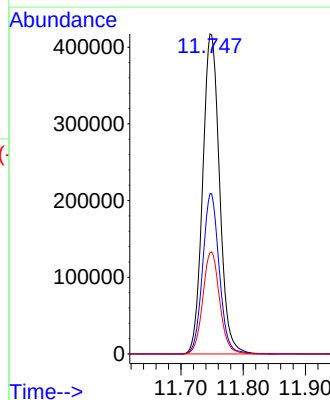
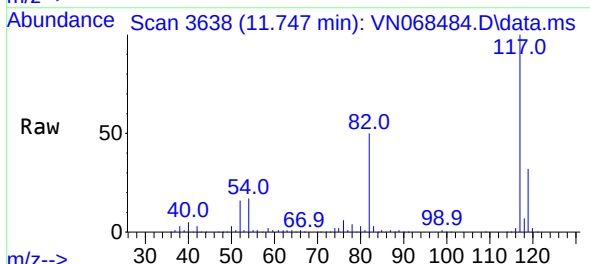
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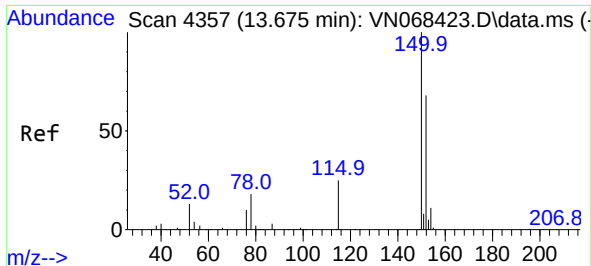
Tgt Ion: 95 Resp: 297538  
Ion Ratio Lower Upper  
95 100  
174 96.3 0.0 214.0  
176 93.0 0.0 205.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

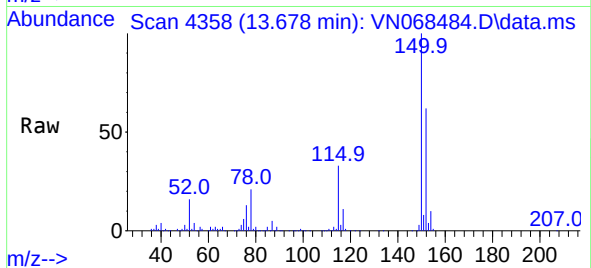
Tgt Ion: 117 Resp: 783629  
Ion Ratio Lower Upper  
117 100  
82 50.1 38.7 58.1  
119 31.6 25.5 38.3



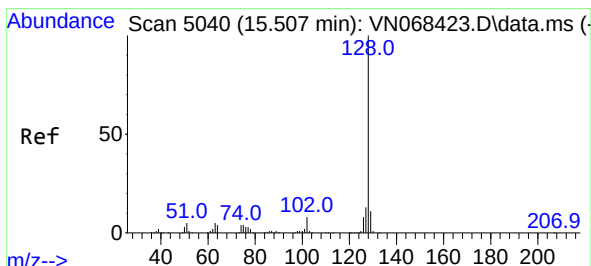
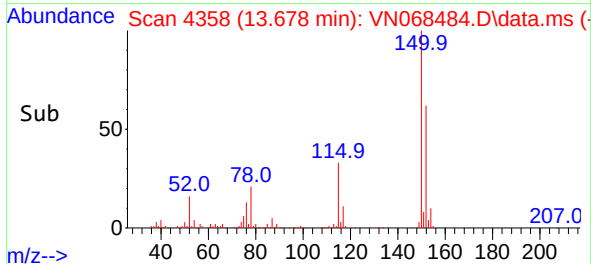
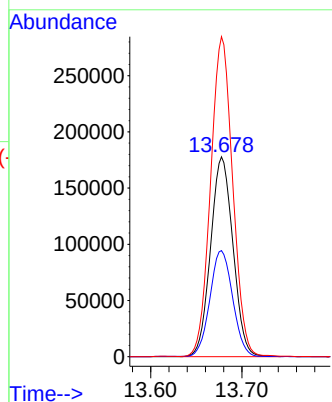


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

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Tgt Ion:152 Resp: 303538  
Ion Ratio Lower Upper  
152 100  
115 54.0 25.6 76.6  
150 158.1 0.0 346.8



#95  
Naphthalene  
Concen: 4.941 ug/l  
RT: 15.512 min Scan# 5042  
Delta R.T. 0.005 min  
Lab File: VN068484.D  
Acq: 15 Sep 2021 15:18

Tgt Ion:128 Resp: 18662  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.6 15.8  
129 9.5 8.6 13.0

