

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062221\  
 Data File : VN067445.D  
 Acq On : 22 Jun 2021 18:27  
 Operator : JC/MD  
 Sample : M2764-02RE  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PHC-250EM-001RE

Quant Time: Jun 23 04:06:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 15 05:19:42 2021  
 Response via : Initial Calibration

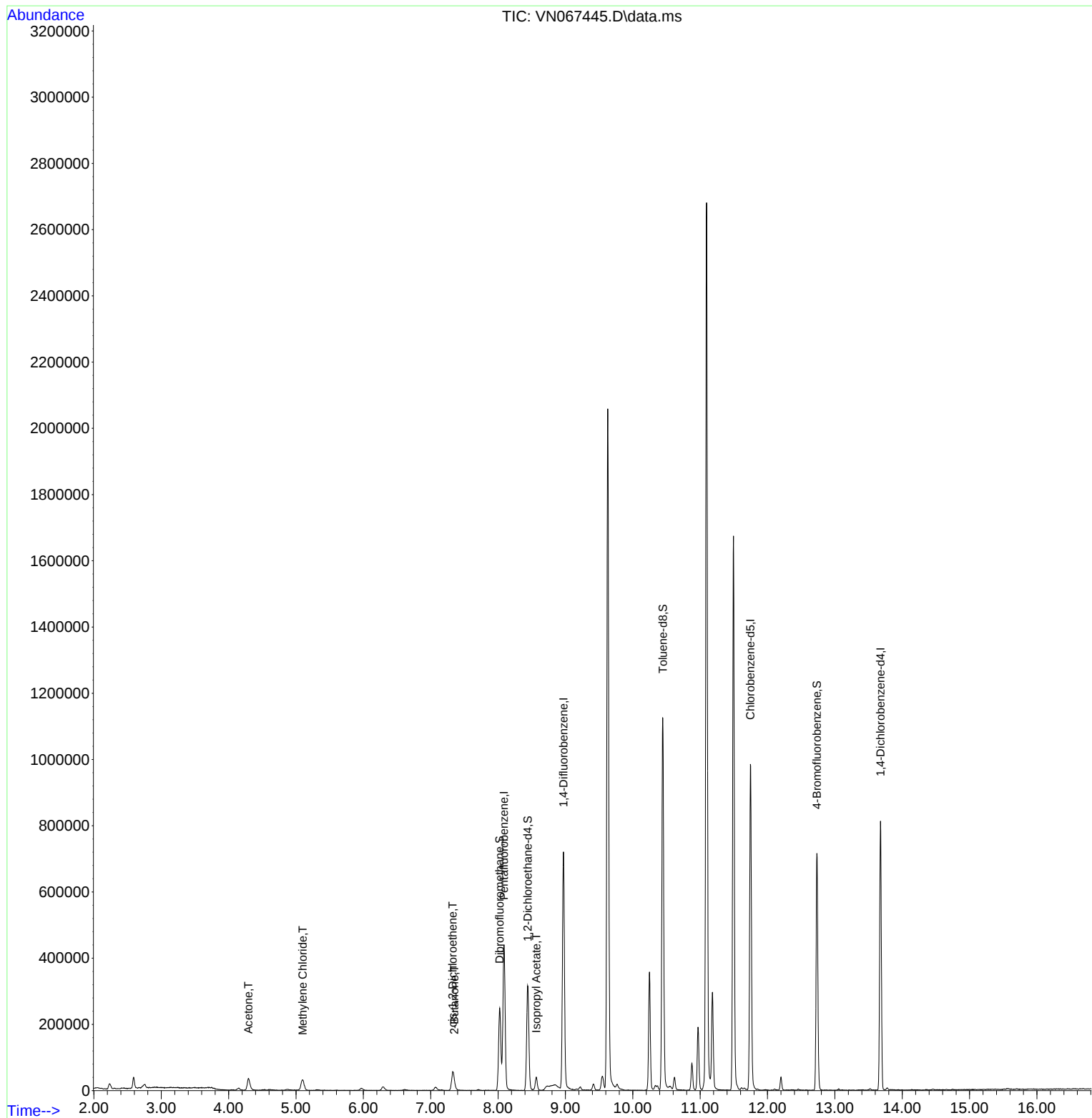
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.088  | 168   | 284710   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971  | 114   | 594827   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.747 | 117   | 532635   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678 | 152   | 181551   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 259538   | 46.210   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 92.420%  |
| 35) Dibromofluoromethane    | 8.024  | 113   | 180125   | 45.531   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 91.060%  |
| 50) Toluene-d8              | 10.446 | 98    | 781436   | 51.536   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 103.080% |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 264056   | 42.198   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 84.400%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.293  | 43    | 64836    | 30.081   | ug/l   | 93       |
| 20) Methylene Chloride      | 5.101  | 84    | 25640    | 5.717    | ug/l   | 94       |
| 25) 2-Butanone              | 7.351  | 43    | 20407    | 6.626    | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene  | 7.327  | 96    | 21536    | 4.837    | ug/l   | 80       |
| 43) Isopropyl Acetate       | 8.568  | 43    | 44985    | 3.547    | ug/l   | 94       |
| -----                       |        |       |          |          |        |          |

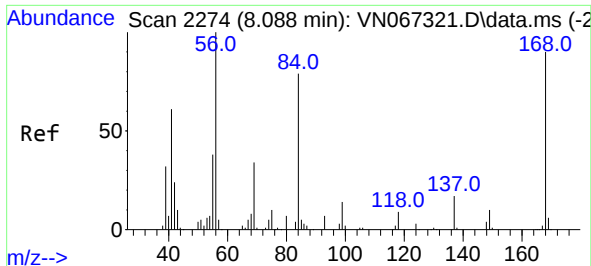
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061421W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 15 05:19:42 2021  
Response via : Initial Calibration

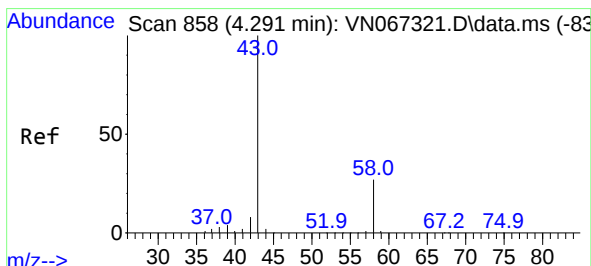
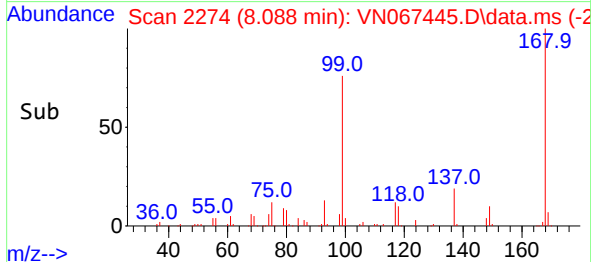
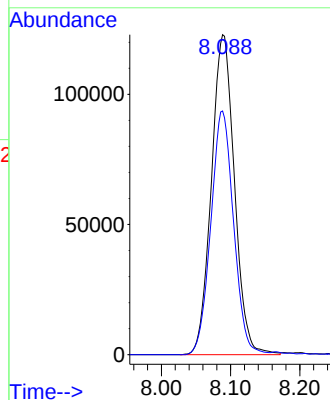
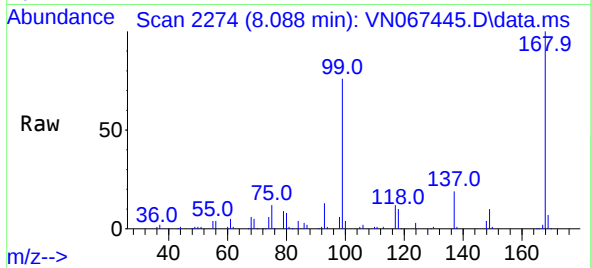




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27

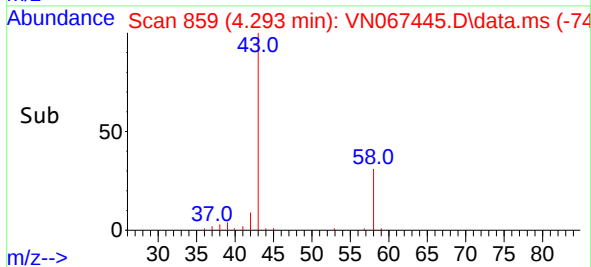
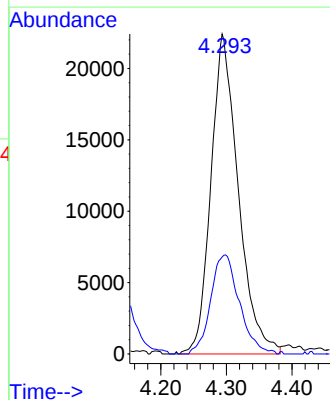
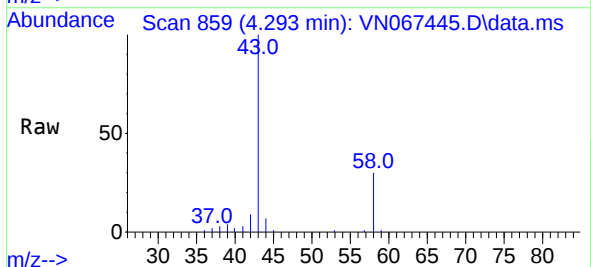
Instrument :  
MSVOA\_N  
ClientSampleId :  
PHC-250EM-001RE

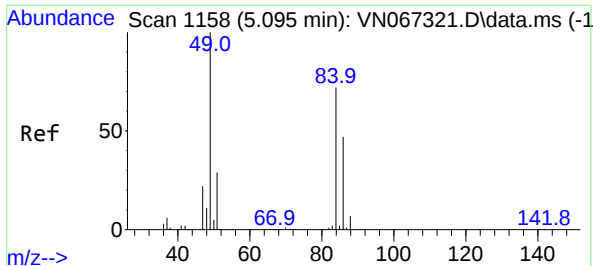
Tgt Ion:168 Resp: 284710  
Ion Ratio Lower Upper  
168 100  
99 76.1 62.9 94.3



#16  
Acetone  
Concen: 30.081 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.002 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27

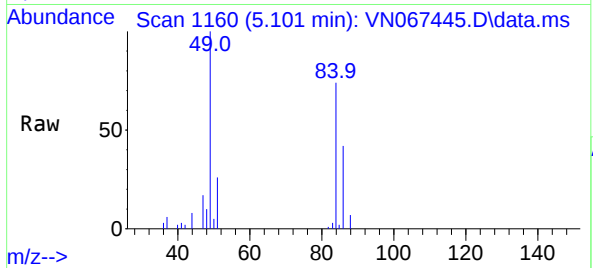
Tgt Ion: 43 Resp: 64836  
Ion Ratio Lower Upper  
43 100  
58 30.3 21.2 31.8





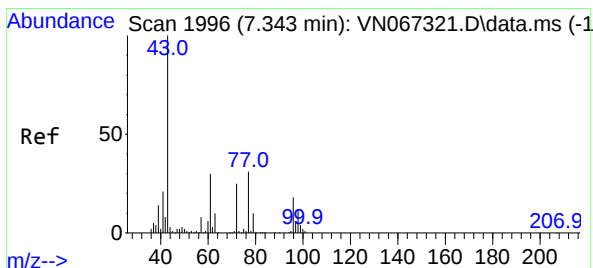
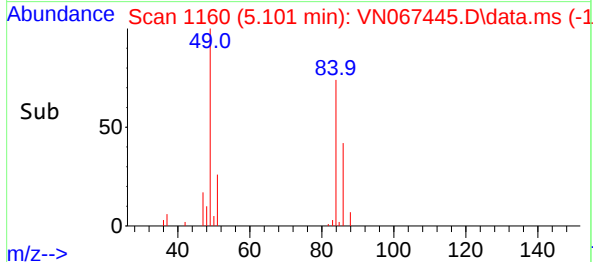
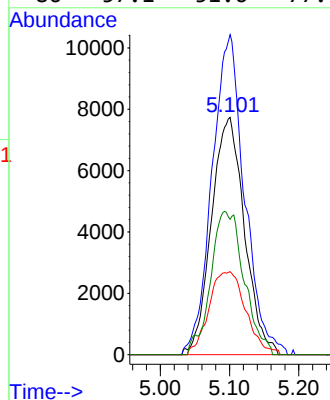
#20  
Methylene Chloride  
Concen: 5.717 ug/l  
RT: 5.101 min Scan# 1160  
Delta R.T. 0.006 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27

Instrument :  
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PHC-250EM-001RE

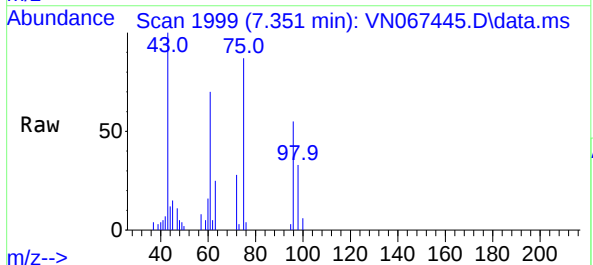


Tgt Ion: 84 Resp: 25640

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 134.9 | 110.9 | 166.3 |
| 51  | 35.0  | 32.6  | 49.0  |
| 86  | 57.1  | 51.6  | 77.4  |

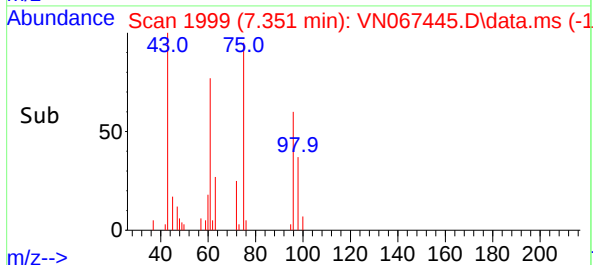
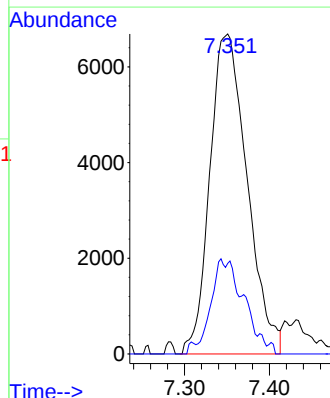


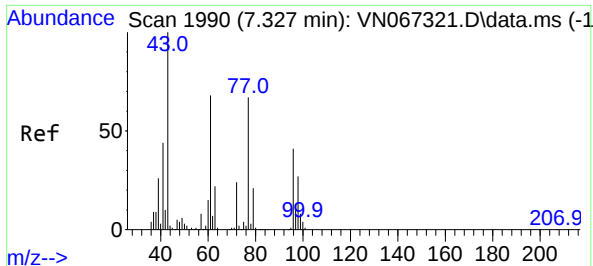
#25  
2-Butanone  
Concen: 6.626 ug/l  
RT: 7.351 min Scan# 1999  
Delta R.T. 0.008 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27



Tgt Ion: 43 Resp: 20407

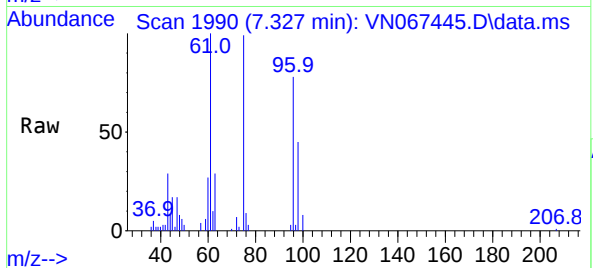
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 28.3  | 19.7  | 29.5  |



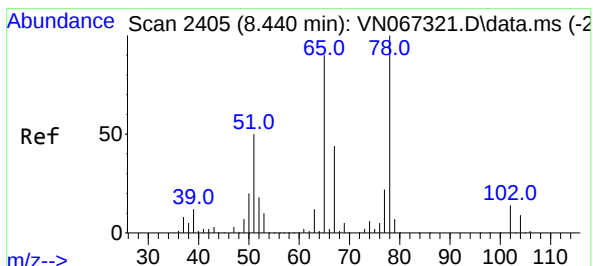
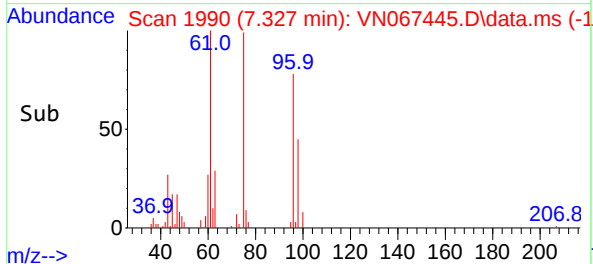
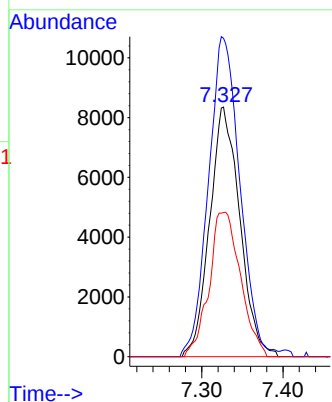


#27  
 cis-1,2-Dichloroethene  
 Concen: 4.837 ug/l  
 RT: 7.327 min Scan# 1990  
 Delta R.T. -0.000 min  
 Lab File: VN067445.D  
 Acq: 22 Jun 2021 18:27

Instrument :  
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 PHC-250EM-001RE

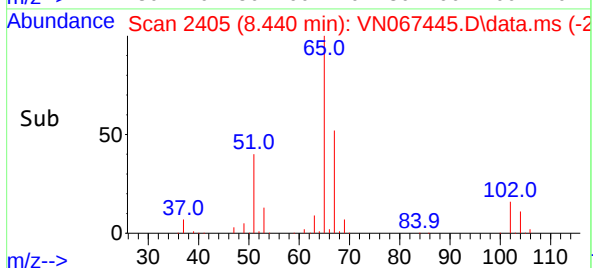
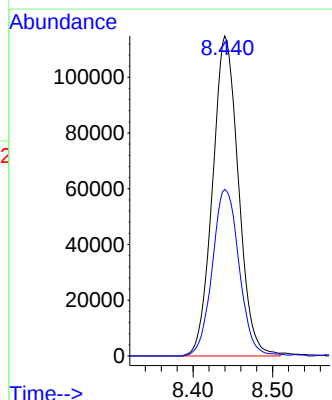
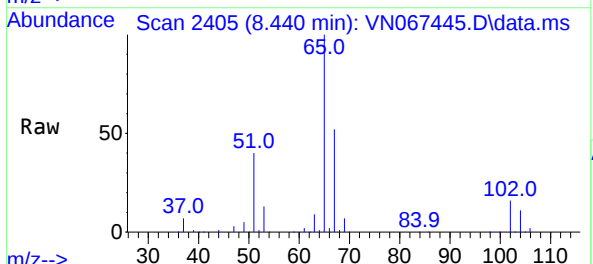


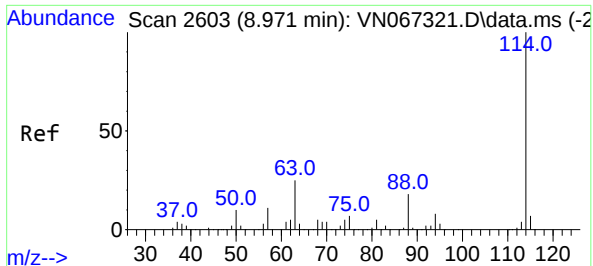
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 21536 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 133.8 | 0.0   | 338.8 |
| 98       | 60.2  | 0.0   | 129.8 |



#33  
 1,2-Dichloroethane-d4  
 Concen: 46.210 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: VN067445.D  
 Acq: 22 Jun 2021 18:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 259538 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 54.0  | 0.0   | 98.6   |

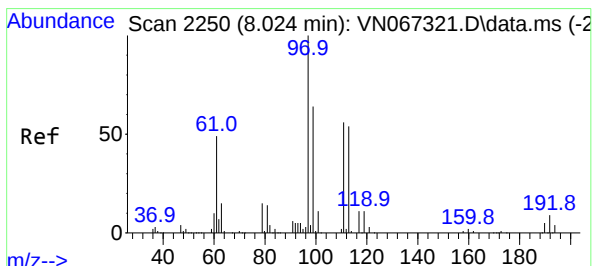
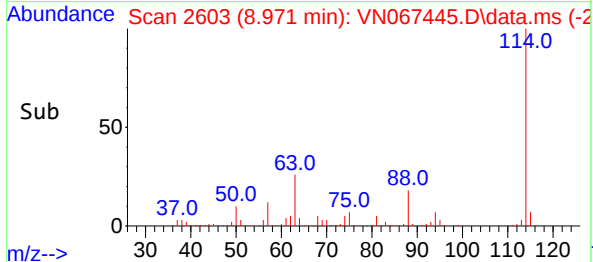
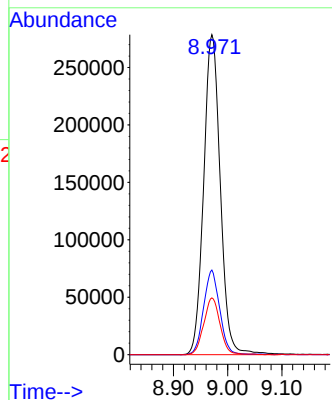
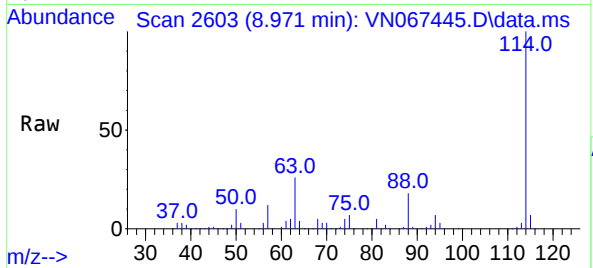




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.000 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27

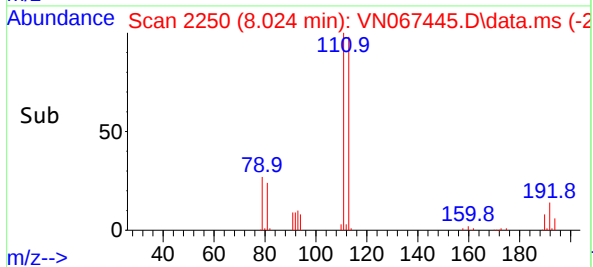
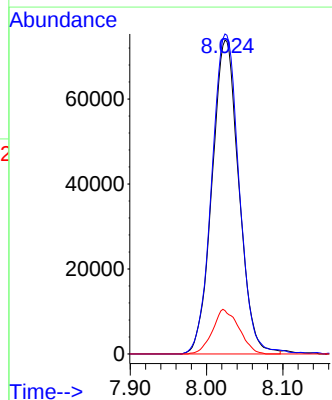
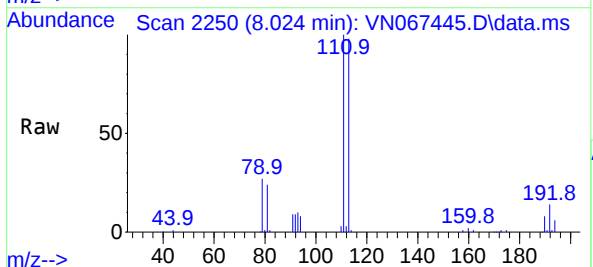
Instrument :  
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ClientSampleId :  
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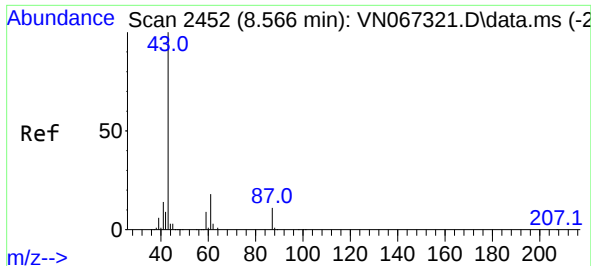
Tgt Ion:114 Resp: 594827  
Ion Ratio Lower Upper  
114 100  
63 26.5 0.0 49.0  
88 17.7 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.531 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27

Tgt Ion:113 Resp: 180125  
Ion Ratio Lower Upper  
113 100  
111 103.8 83.8 125.8  
192 14.0 13.4 20.0

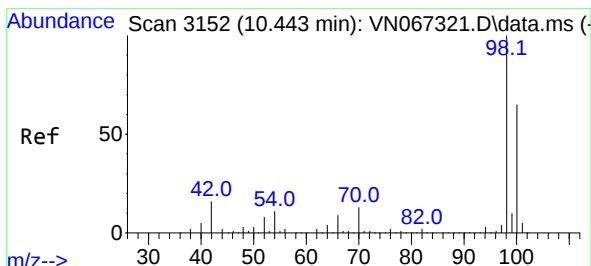
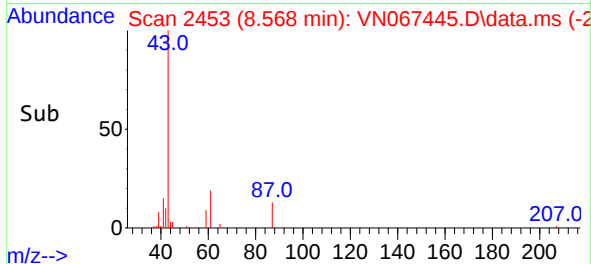
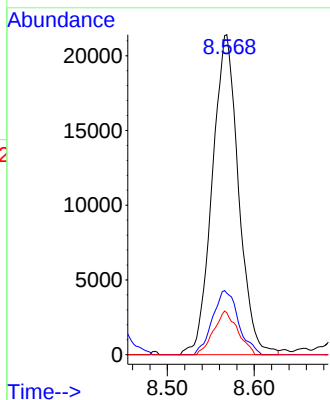
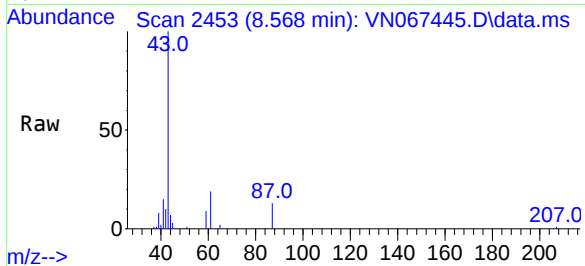




#43  
Isopropyl Acetate  
Concen: 3.547 ug/l  
RT: 8.568 min Scan# 2453  
Delta R.T. 0.002 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27

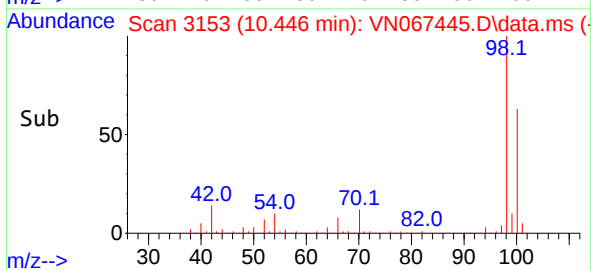
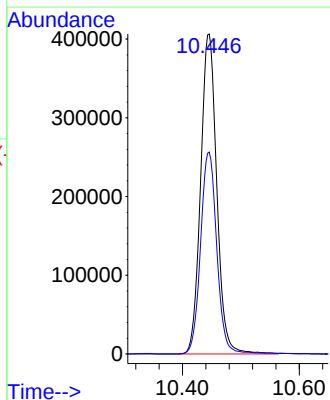
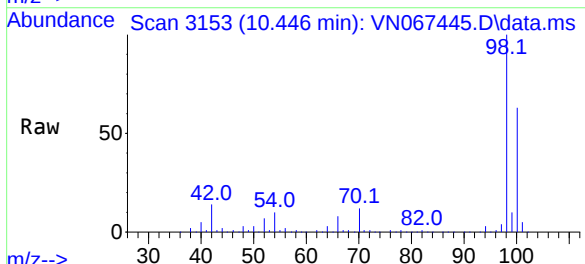
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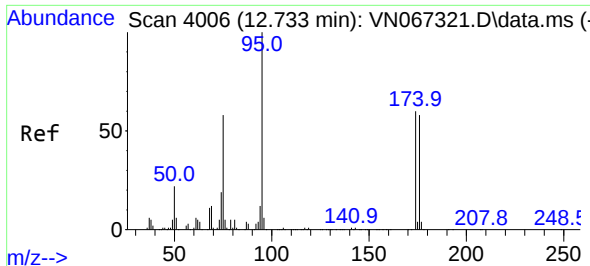
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 44985 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 19.7     | 19.0 28.4   |
| 87 12.4     | 9.5 14.3    |



#50  
Toluene-d8  
Concen: 51.536 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 781436 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 63.2    | 51.7 77.5    |

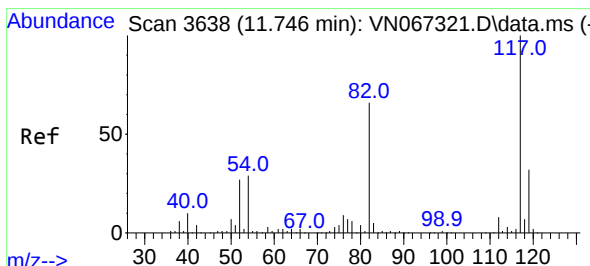
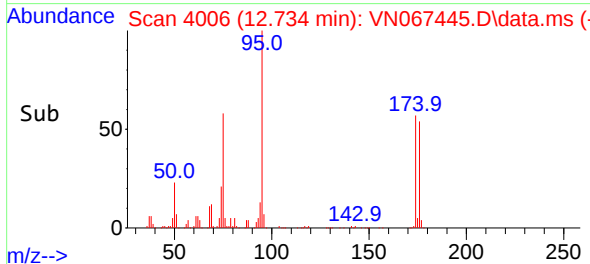
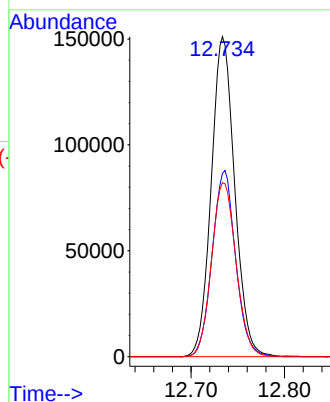
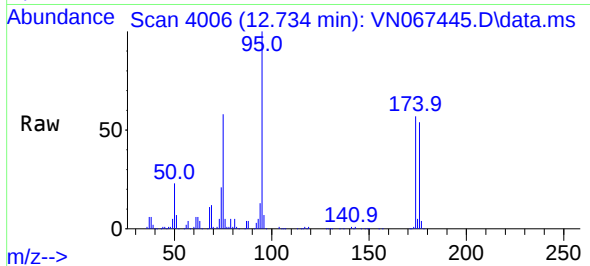




#62  
4-Bromofluorobenzene  
Concen: 42.198 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.001 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27

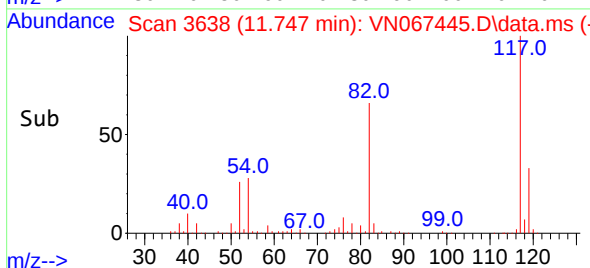
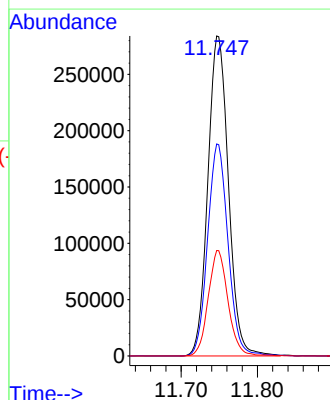
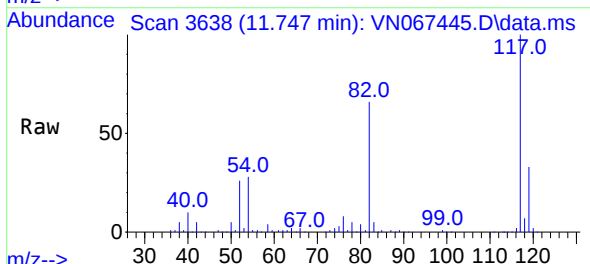
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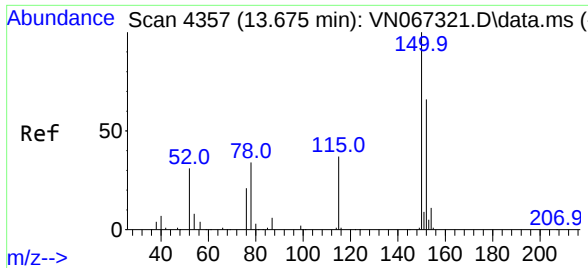
Tgt Ion: 95 Resp: 264056  
Ion Ratio Lower Upper  
95 100  
174 58.2 0.0 122.0  
176 56.9 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27

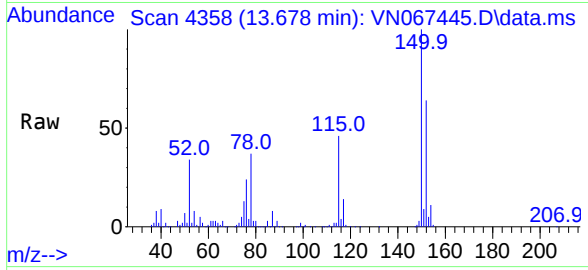
Tgt Ion: 117 Resp: 532635  
Ion Ratio Lower Upper  
117 100  
82 66.3 53.1 79.7  
119 33.0 25.5 38.3





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN067445.D  
Acq: 22 Jun 2021 18:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
PHC-250EM-001RE



Tgt Ion:152 Resp: 181551  
Ion Ratio Lower Upper  
152 100  
115 73.2 36.1 108.5  
150 161.3 0.0 351.8

