

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082321\  
 Data File : VN068269.D  
 Acq On : 23 Aug 2021 15:18  
 Operator : JC/MD  
 Sample : M3502-04  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 POST-MAEC-02

Quant Time: Aug 24 03:54:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 13:09:49 2021  
 Response via : Initial Calibration

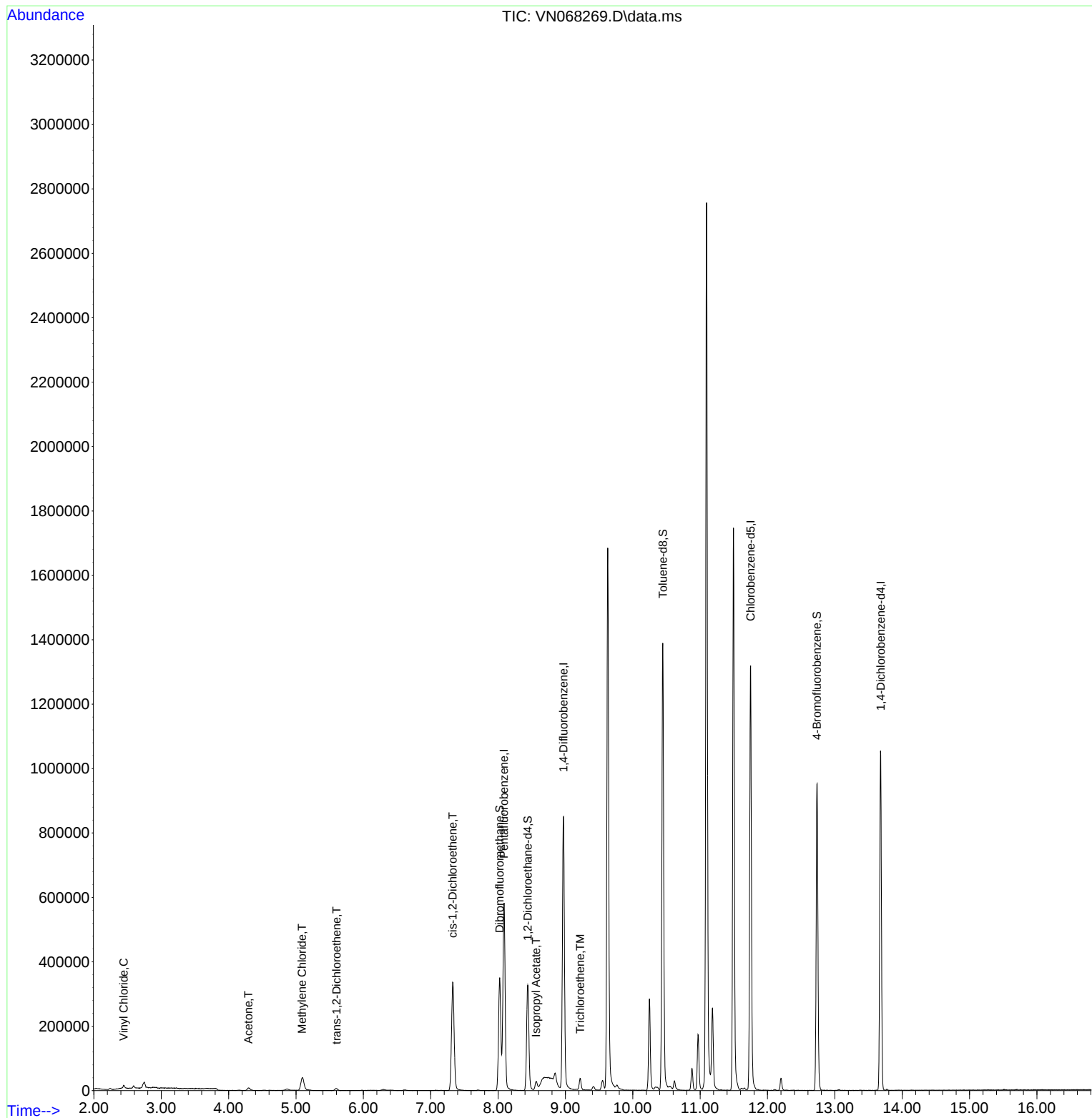
| Compound                     | R.T. QIon      |     | Response | Conc   | Units    | Dev(Min) |
|------------------------------|----------------|-----|----------|--------|----------|----------|
| -----                        |                |     |          |        |          |          |
| Internal Standards           |                |     |          |        |          |          |
| 1) Pentafluorobenzene        | 8.088          | 168 | 489177   | 50.000 | ug/l     | # 0.00   |
| 34) 1,4-Difluorobenzene      | 8.971          | 114 | 822712   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5         | 11.749         | 117 | 862214   | 50.000 | ug/l     | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4   | 13.680         | 152 | 318602   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds  |                |     |          |        |          |          |
| 33) 1,2-Dichloroethane-d4    | 8.440          | 65  | 283766   | 54.329 | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |     | Recovery | =      | 108.660% |          |
| 35) Dibromofluoromethane     | 8.024          | 113 | 256417   | 49.643 | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |     | Recovery | =      | 99.280%  |          |
| 50) Toluene-d8               | 10.446         | 98  | 1025044  | 52.082 | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |     | Recovery | =      | 104.160% |          |
| 62) 4-Bromofluorobenzene     | 12.733         | 95  | 329289   | 50.259 | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |     | Recovery | =      | 100.520% |          |
| Target Compounds             |                |     |          |        |          |          |
|                              |                |     |          |        |          | Qvalue   |
| 4) Vinyl Chloride            | 2.443          | 62  | 8510     | 1.240  | ug/l #   | 89       |
| 16) Acetone                  | 4.293          | 43  | 15898    | 10.425 | ug/l     | 91       |
| 20) Methylene Chloride       | 5.090          | 84  | 34315    | 6.274  | ug/l #   | 81       |
| 21) trans-1,2-Dichloroethene | 5.602          | 96  | 4746     | 1.069  | ug/l #   | 70       |
| 27) cis-1,2-Dichloroethene   | 7.327          | 96  | 226655   | 42.636 | ug/l     | 68       |
| 43) Isopropyl Acetate        | 8.566          | 43  | 32293    | 3.519  | ug/l #   | 91       |
| 44) Trichloroethene          | 9.220          | 130 | 13111    | 2.124  | ug/l     | 73       |
| -----                        |                |     |          |        |          |          |

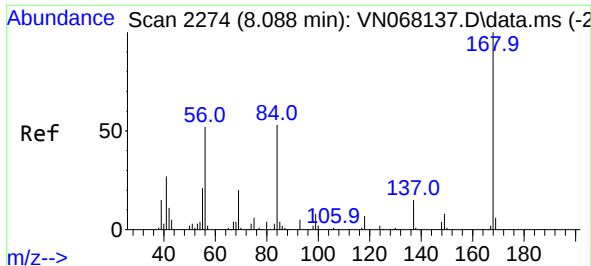
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_N  
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Quant Time: Aug 24 03:54:24 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration

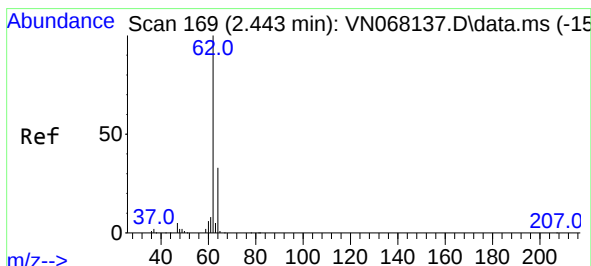
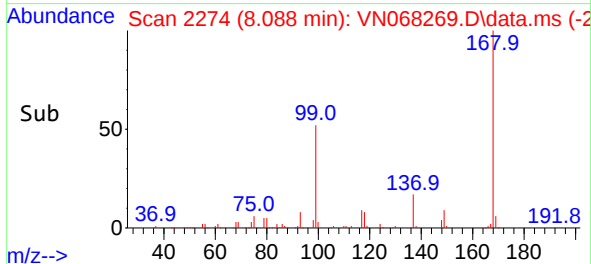
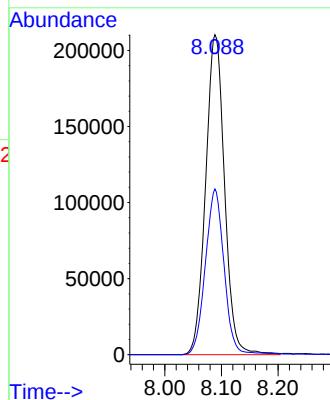
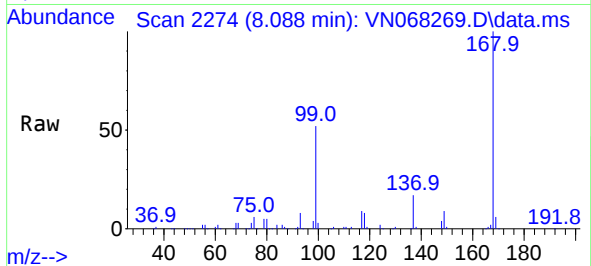




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

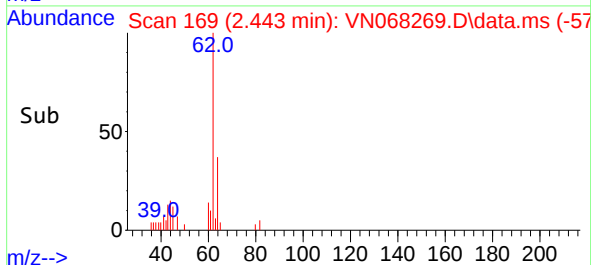
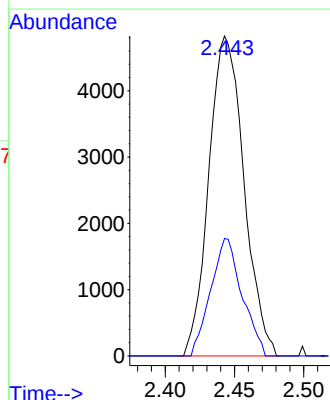
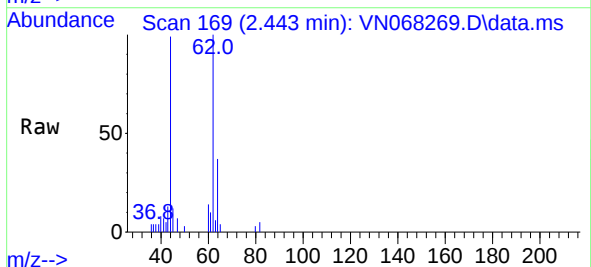
Instrument :  
MSVOA\_N  
ClientSampleId :  
POST-MAEC-02

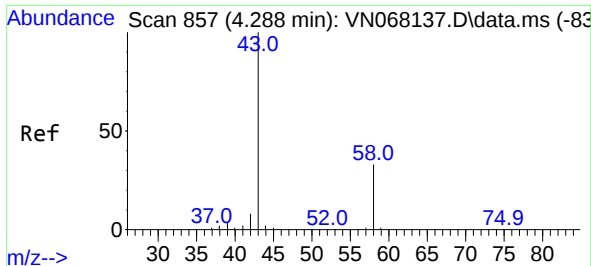
Tgt Ion:168 Resp: 489177  
Ion Ratio Lower Upper  
168 100  
99 51.8 62.9 94.3#



#4  
Vinyl Chloride  
Concen: 1.240 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

Tgt Ion: 62 Resp: 8510  
Ion Ratio Lower Upper  
62 100  
64 36.7 24.4 36.6#

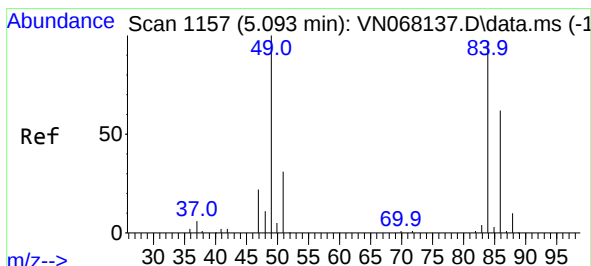
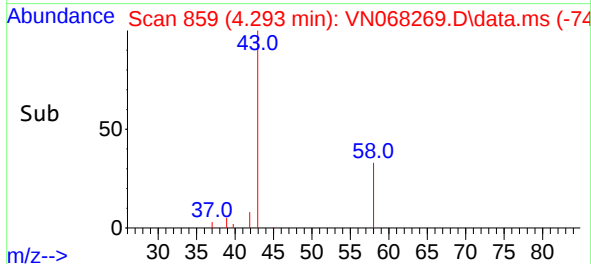
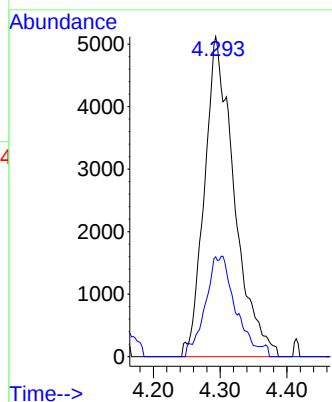
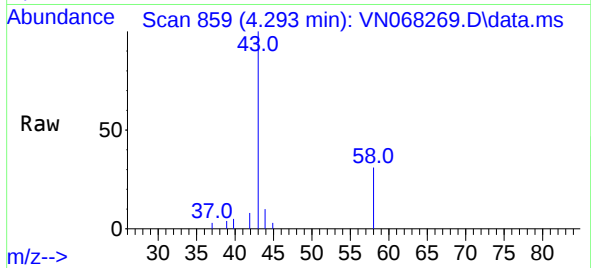




#16  
Acetone  
Concen: 10.425 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.005 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

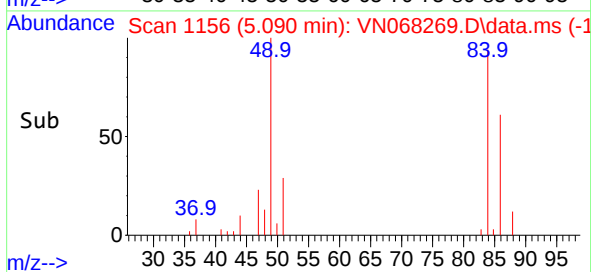
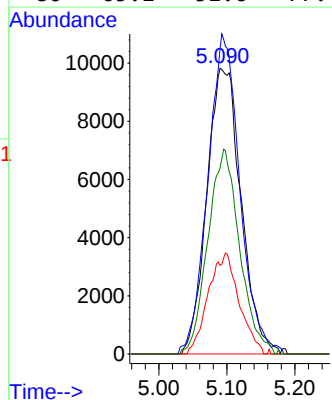
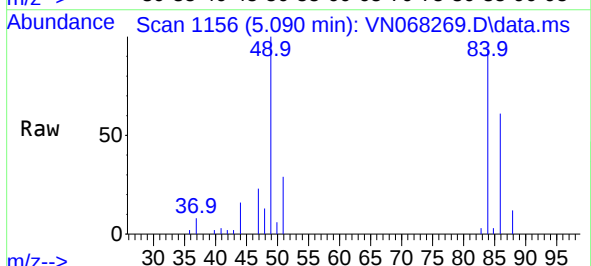
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MSVOA\_N  
ClientSampled :  
POST-MAEC-02

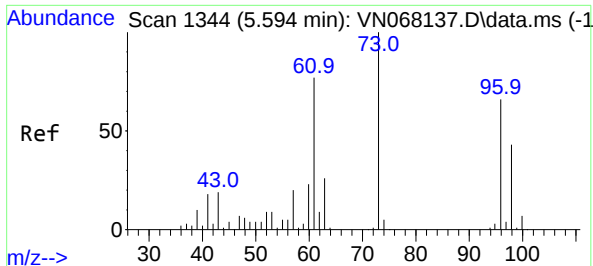
Tgt Ion: 43 Resp: 15898  
Ion Ratio Lower Upper  
43 100  
58 31.2 21.2 31.8



#20  
Methylene Chloride  
Concen: 6.274 ug/l  
RT: 5.090 min Scan# 1156  
Delta R.T. -0.003 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

Tgt Ion: 84 Resp: 34315  
Ion Ratio Lower Upper  
84 100  
49 104.6 110.9 166.3#  
51 31.0 32.6 49.0#  
86 65.1 51.6 77.4

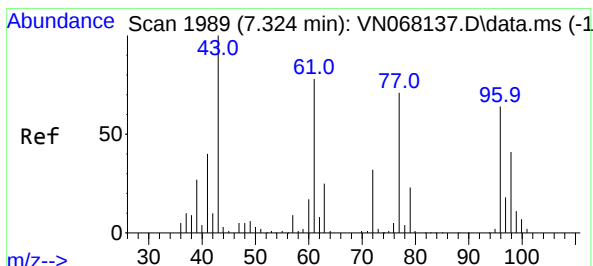
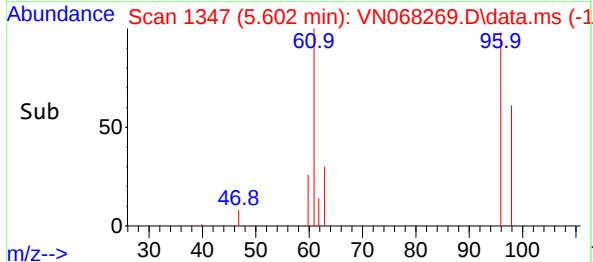
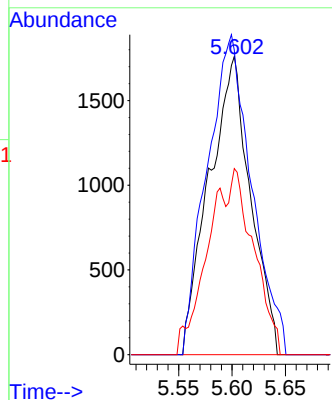
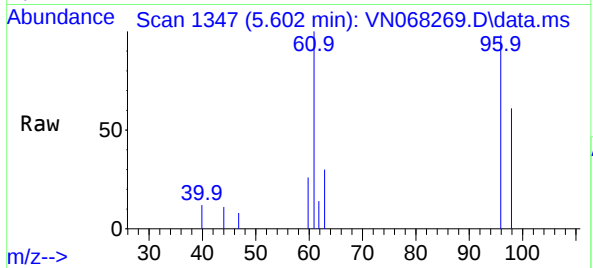




#21  
trans-1,2-Dichloroethene  
Concen: 1.069 ug/l  
RT: 5.602 min Scan# 1347  
Delta R.T. 0.008 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

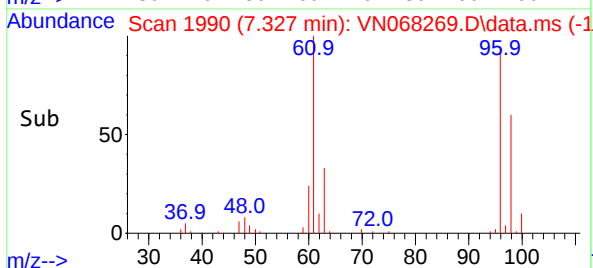
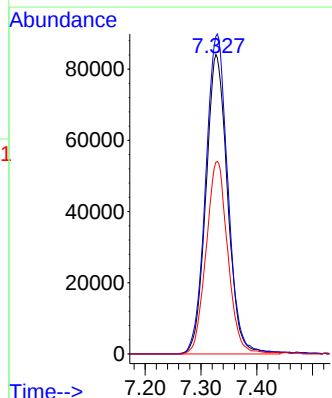
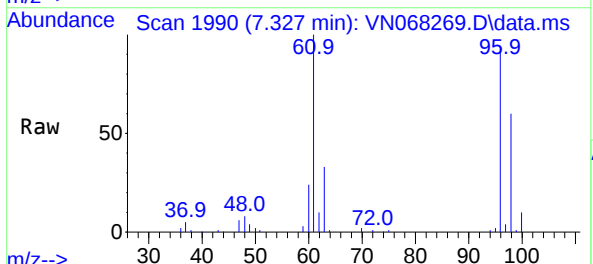
Instrument :  
MSVOA\_N  
ClientSampleId :  
POST-MAEC-02

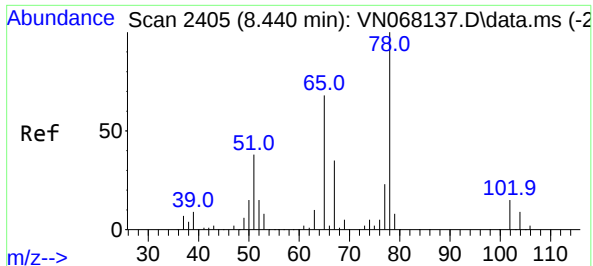
Tgt Ion: 96 Resp: 4746  
Ion Ratio Lower Upper  
96 100  
61 102.2 123.5 185.3#  
98 62.4 48.6 72.8



#27  
cis-1,2-Dichloroethene  
Concen: 42.636 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.003 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

Tgt Ion: 96 Resp: 226655  
Ion Ratio Lower Upper  
96 100  
61 108.7 0.0 338.8  
98 64.2 0.0 129.8

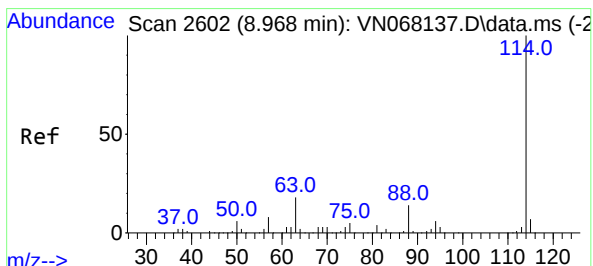
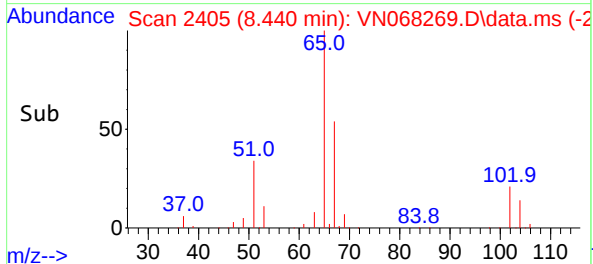
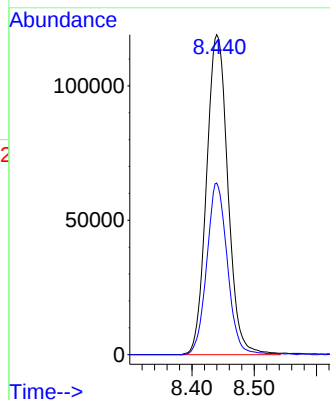
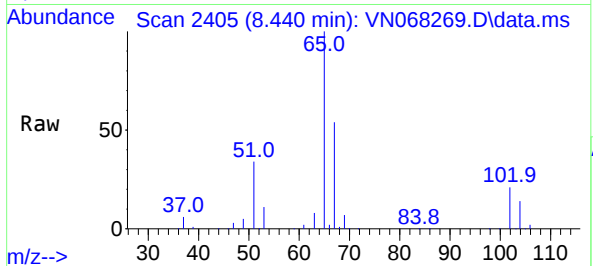




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.329 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: VN068269.D  
 Acq: 23 Aug 2021 15:18

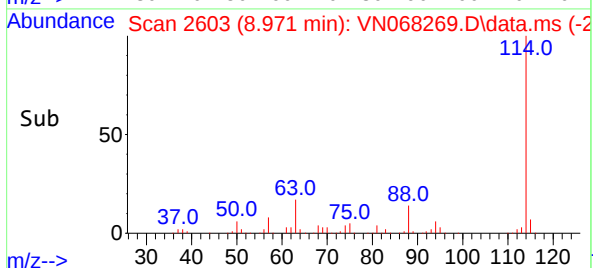
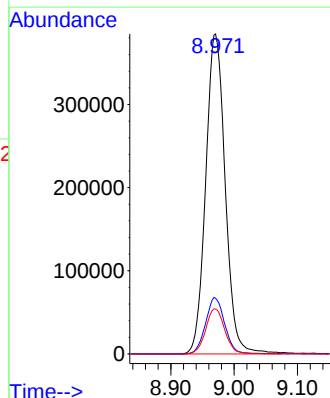
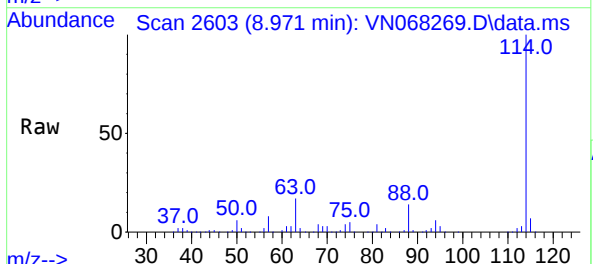
Instrument :  
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 ClientSampleId :  
 POST-MAEC-02

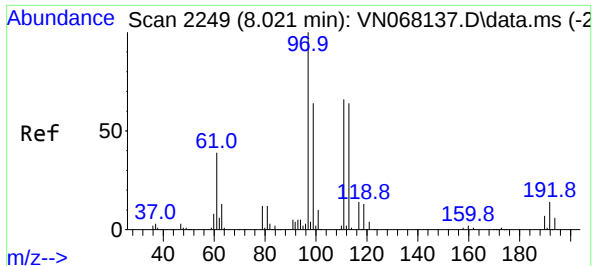
Tgt Ion: 65 Resp: 283766  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 0.0 98.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.971 min Scan# 2603  
 Delta R.T. 0.003 min  
 Lab File: VN068269.D  
 Acq: 23 Aug 2021 15:18

Tgt Ion: 114 Resp: 822712  
 Ion Ratio Lower Upper  
 114 100  
 63 17.4 0.0 49.0  
 88 14.1 0.0 36.6

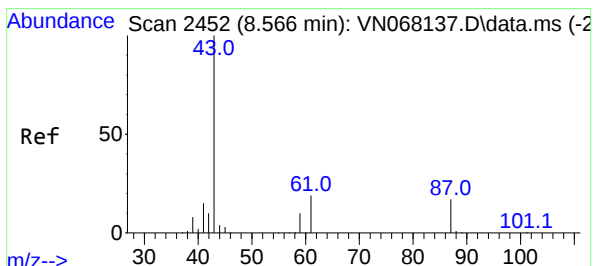
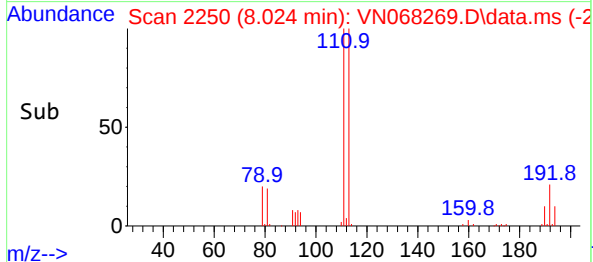
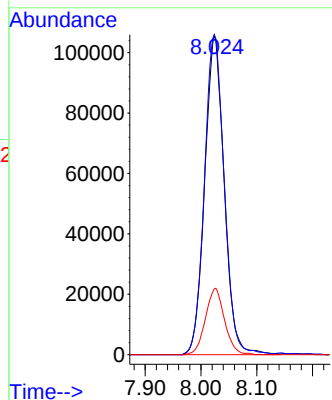
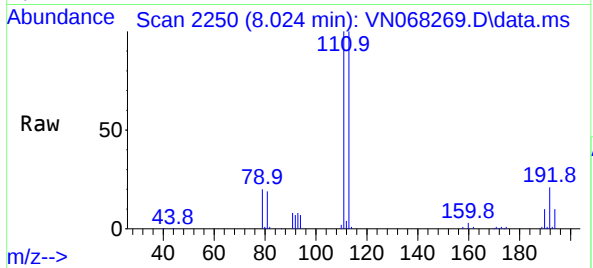




#35  
Dibromofluoromethane  
Concen: 49.643 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

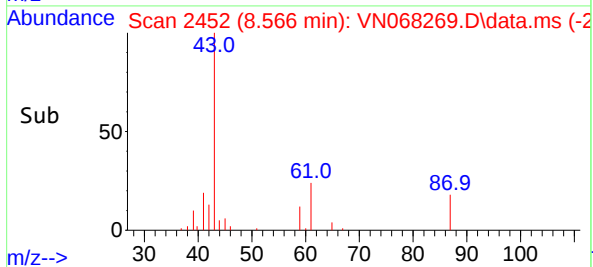
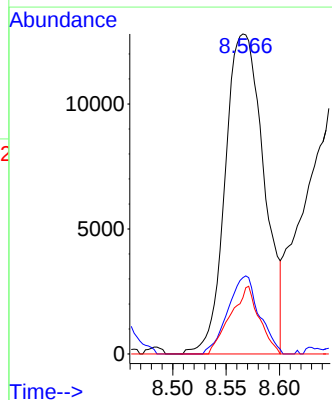
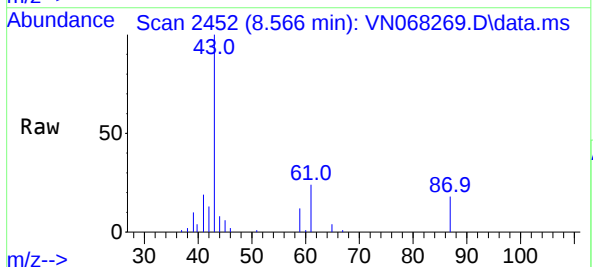
Instrument :  
MSVOA\_N  
ClientSampleId :  
POST-MAEC-02

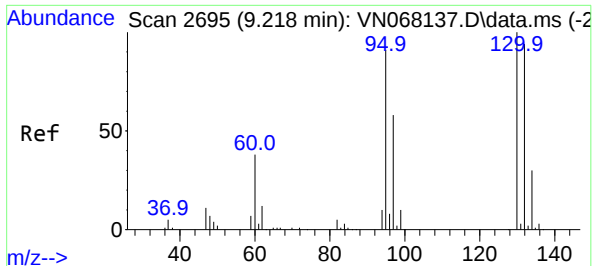
Tgt Ion:113 Resp: 256417  
Ion Ratio Lower Upper  
113 100  
111 101.1 83.8 125.8  
192 20.4 13.4 20.0#



#43  
Isopropyl Acetate  
Concen: 3.519 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. -0.000 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

Tgt Ion: 43 Resp: 32293  
Ion Ratio Lower Upper  
43 100  
61 19.8 19.0 28.4  
87 15.7 9.5 14.3#

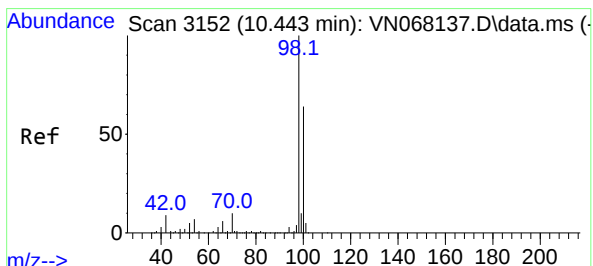
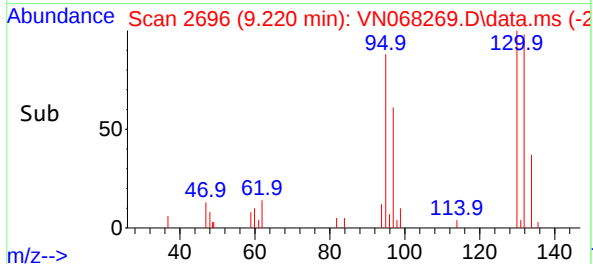
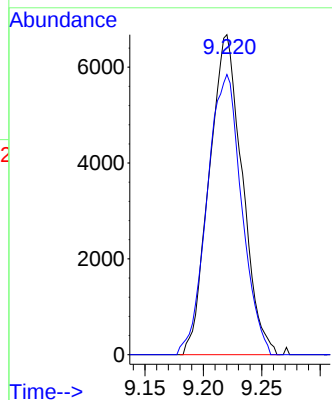
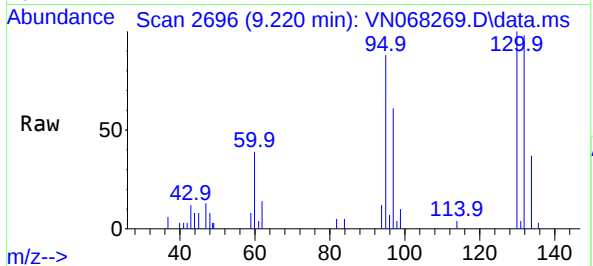




#44  
Trichloroethene  
Concen: 2.124 ug/l  
RT: 9.220 min Scan# 2696  
Delta R.T. 0.002 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

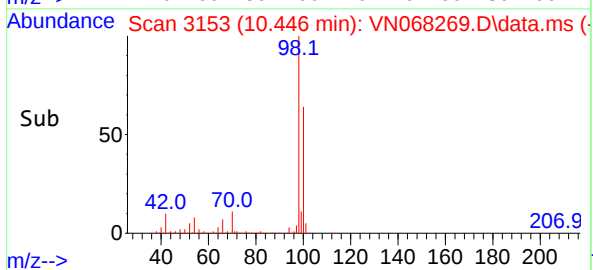
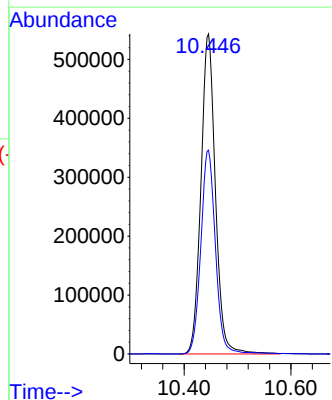
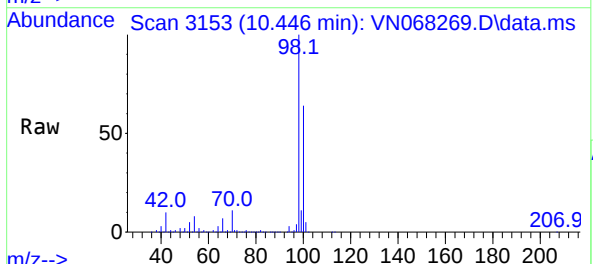
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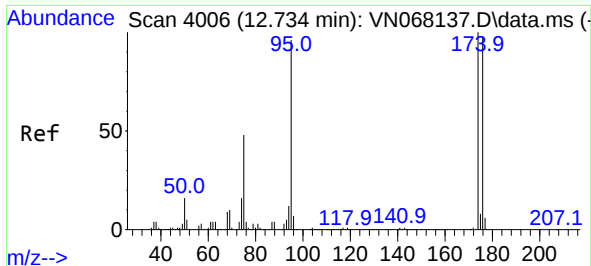
Tgt Ion:130 Resp: 13111  
Ion Ratio Lower Upper  
130 100  
95 87.5 0.0 234.4



#50  
Toluene-d8  
Concen: 52.082 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

Tgt Ion: 98 Resp: 1025044  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.7 77.5

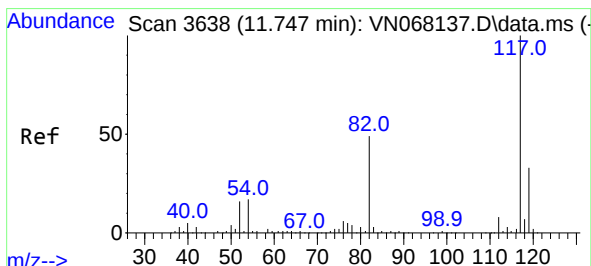
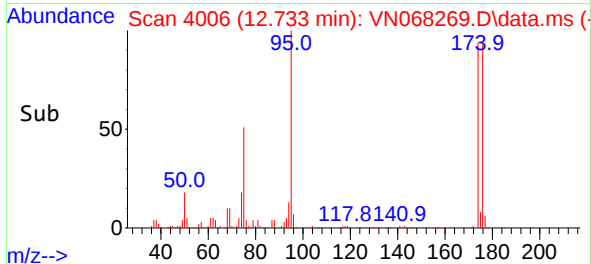
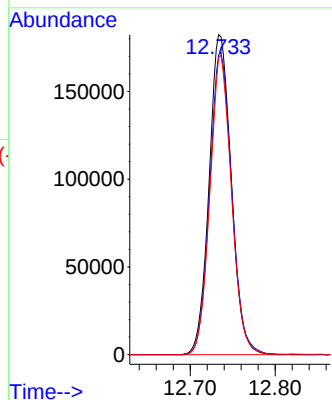
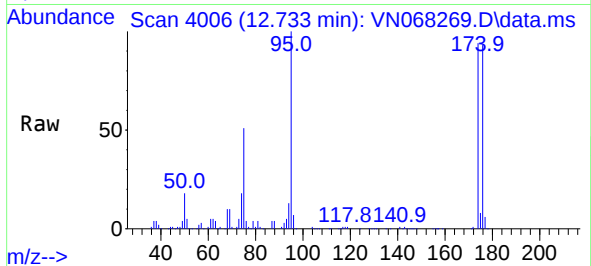




#62  
4-Bromofluorobenzene  
Concen: 50.259 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

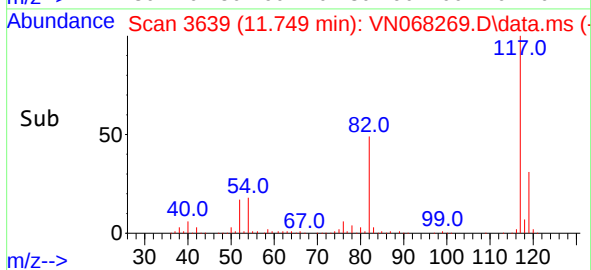
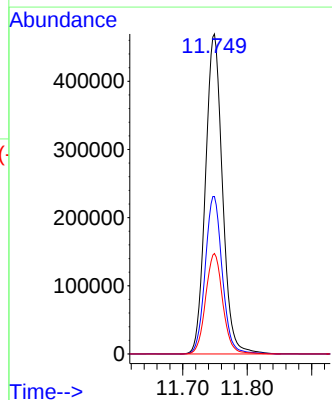
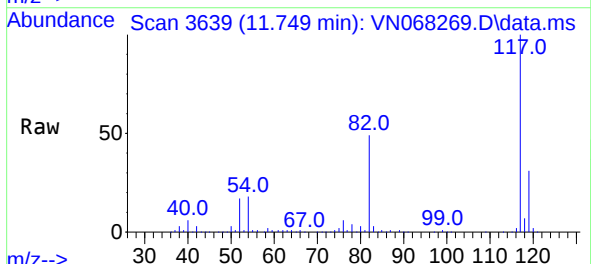
Instrument :  
MSVOA\_N  
ClientSampleId :  
POST-MAEC-02

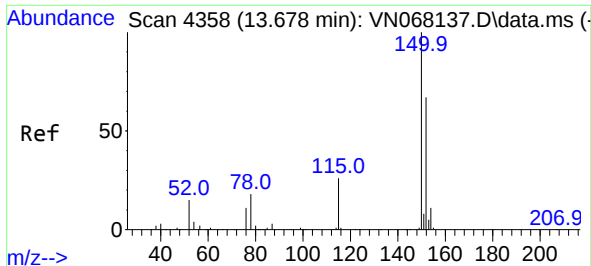
Tgt Ion: 95 Resp: 329289  
Ion Ratio Lower Upper  
95 100  
174 94.8 0.0 122.0  
176 91.2 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.002 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

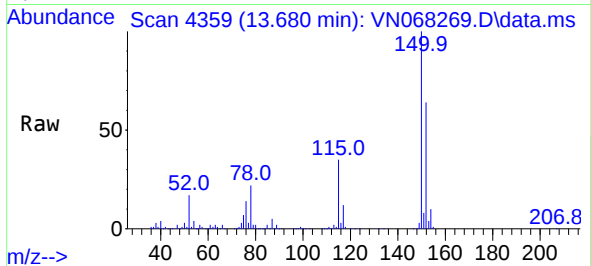
Tgt Ion: 117 Resp: 862214  
Ion Ratio Lower Upper  
117 100  
82 49.2 53.1 79.7#  
119 31.4 25.5 38.3





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.680 min Scan# 4359  
Delta R.T. 0.002 min  
Lab File: VN068269.D  
Acq: 23 Aug 2021 15:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
POST-MAEC-02



Tgt Ion:152 Resp: 318602  
Ion Ratio Lower Upper  
152 100  
115 55.1 36.1 108.5  
150 157.8 0.0 351.8

