

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083022\  
 Data File : VN074196.D  
 Acq On : 31 Aug 2022 04:14  
 Operator : JC\MD  
 Sample : N4421-07  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-PALM-SP-02

Quant Time: Aug 31 07:07:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 31 07:02:40 2022  
 Response via : Initial Calibration

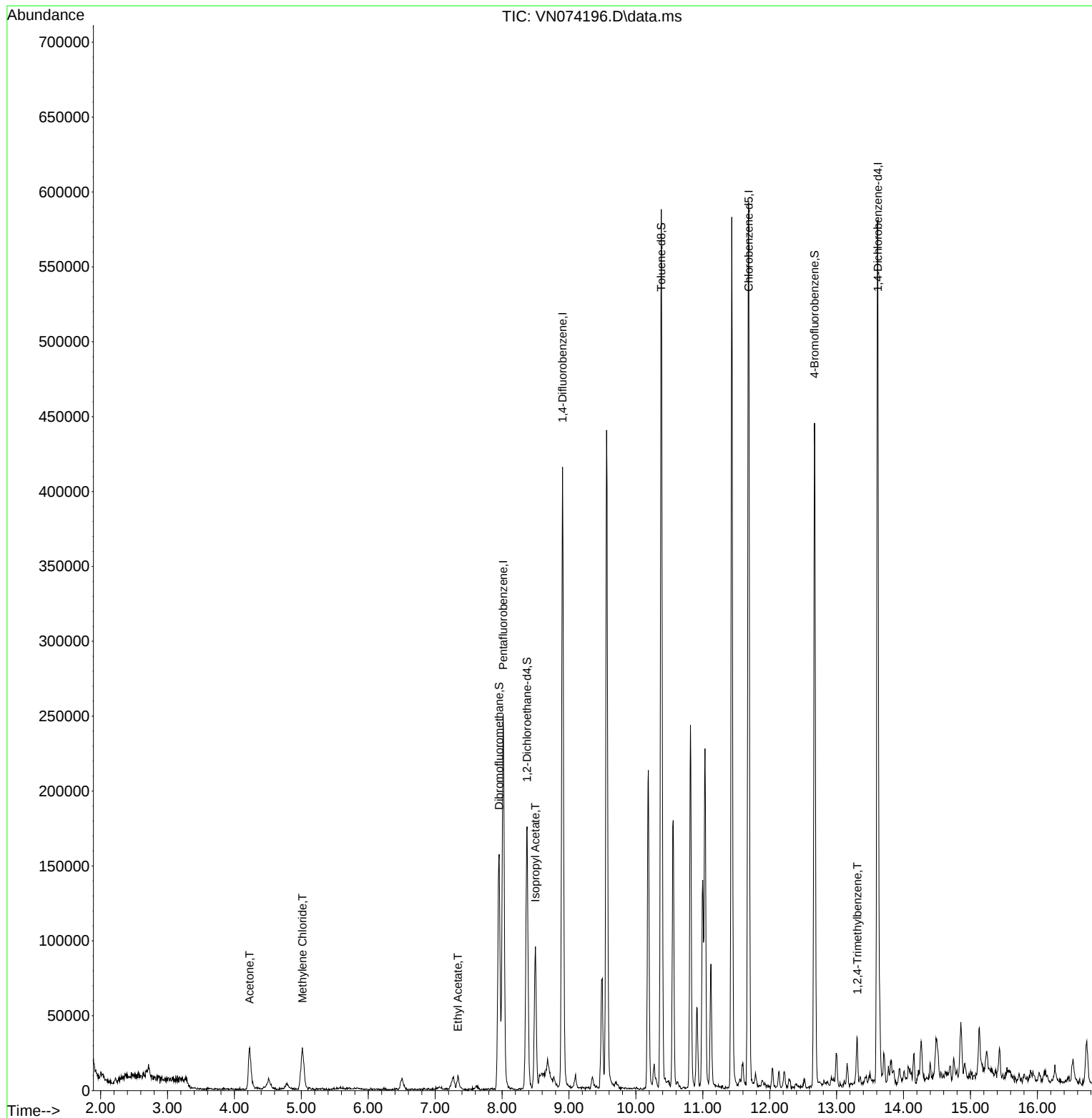
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 171174   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 329668   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 321222   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.616 | 152   | 144946   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 129305   | 48.696   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 97.400%  |
| 35) Dibromofluoromethane    | 7.957  | 113   | 111006   | 51.746   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 103.500% |
| 50) Toluene-d8              | 10.380 | 98    | 363717   | 43.053   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 86.100%  |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 139545   | 54.316   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 108.640% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.228  | 43    | 49635    | 27.974   | ug/l   | 99       |
| 20) Methylene Chloride      | 5.016  | 84    | 20123    | 6.537    | ug/l # | 86       |
| 37) Ethyl Acetate           | 7.339  | 43    | 14172    | 2.435    | ug/l # | 86       |
| 43) Isopropyl Acetate       | 8.498  | 43    | 104587   | 13.365   | ug/l # | 84       |
| 84) 1,2,4-Trimethylbenzene  | 13.310 | 105   | 16093    | 1.652    | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

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

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Quant Title : SW846 8260  
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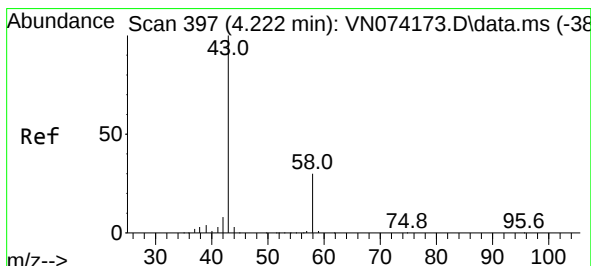
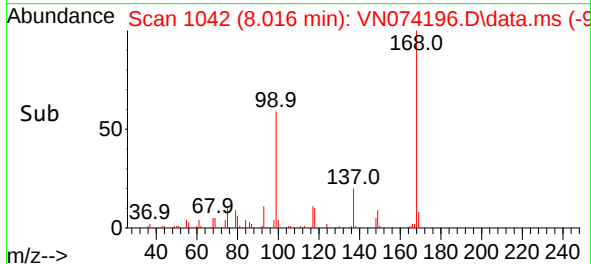
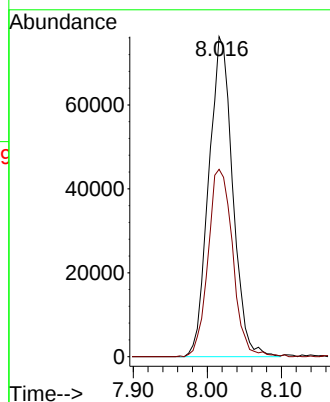
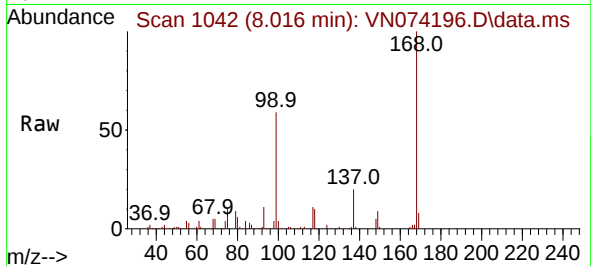




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074196.D  
Acq: 31 Aug 2022 04:14

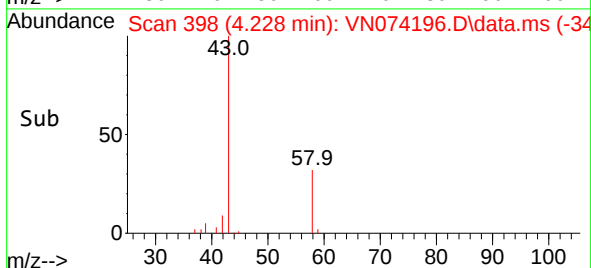
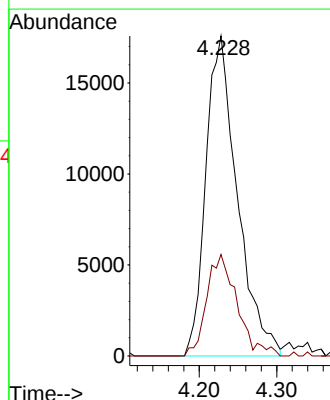
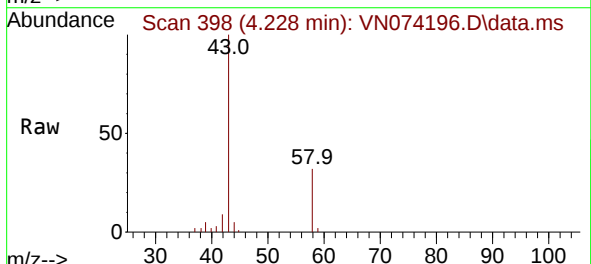
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-02

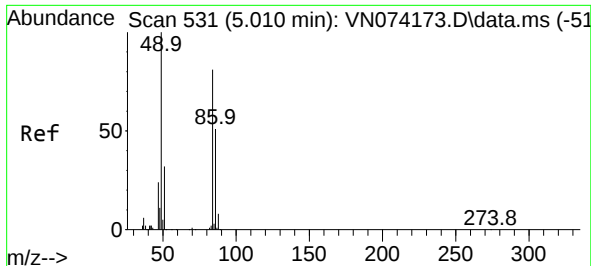
Tgt Ion:168 Resp: 171174  
Ion Ratio Lower Upper  
168 100  
99 58.3 42.3 63.5



#16  
Acetone  
Concen: 27.974 ug/l  
RT: 4.228 min Scan# 398  
Delta R.T. 0.006 min  
Lab File: VN074196.D  
Acq: 31 Aug 2022 04:14

Tgt Ion: 43 Resp: 49635  
Ion Ratio Lower Upper  
43 100  
58 31.7 26.0 39.0

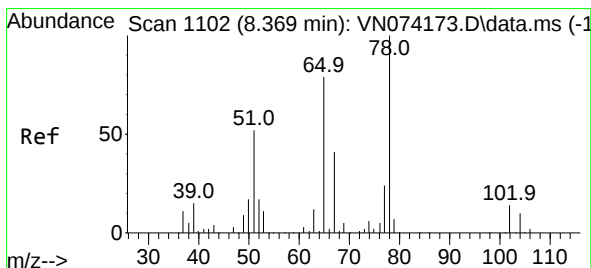
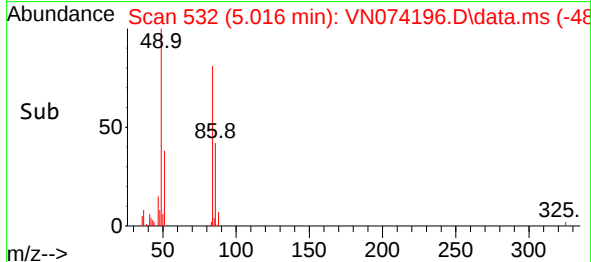
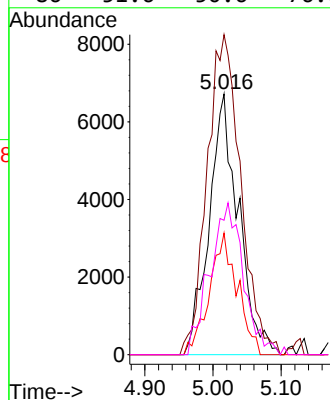
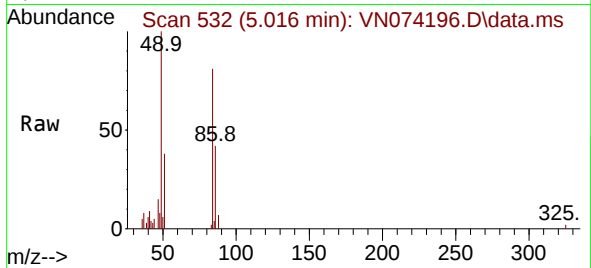




#20  
Methylene Chloride  
Concen: 6.537 ug/l  
RT: 5.016 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN074196.D  
Acq: 31 Aug 2022 04:14

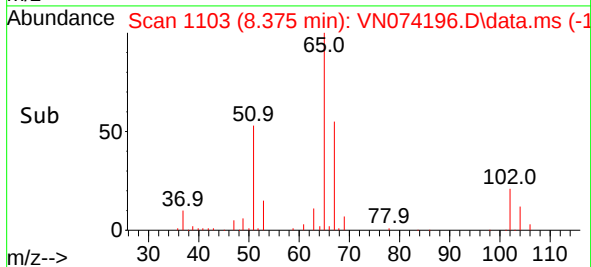
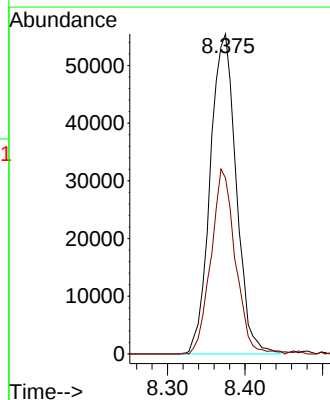
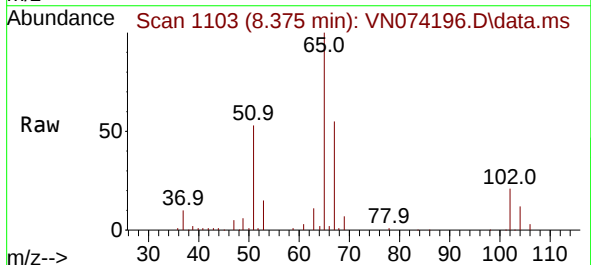
Instrument :  
MSVOA\_N  
ClientSampleId :  
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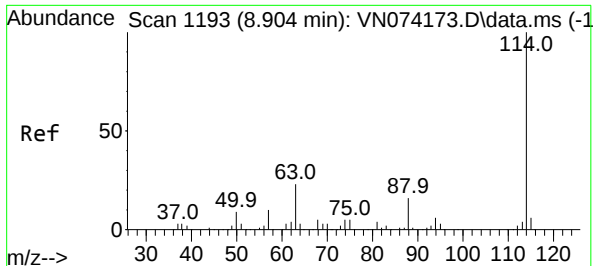
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 20123 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 122.8 | 88.3  | 132.5 |
| 51       | 46.7  | 28.2  | 42.2# |
| 86       | 51.6  | 50.6  | 76.0  |



#33  
1,2-Dichloroethane-d4  
Concen: 48.696 ug/l  
RT: 8.375 min Scan# 1103  
Delta R.T. 0.006 min  
Lab File: VN074196.D  
Acq: 31 Aug 2022 04:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 129305 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 54.1  | 0.0   | 104.8  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074196.D

Acq: 31 Aug 2022 04:14

Instrument :

MSVOA\_N

ClientSampleId :

WC-PALM-SP-02

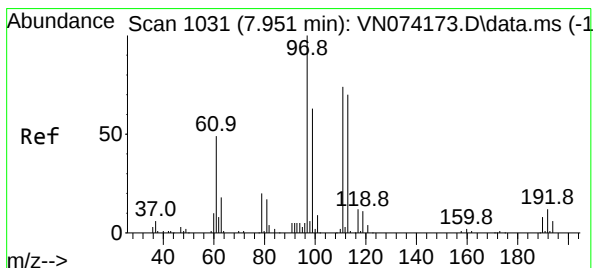
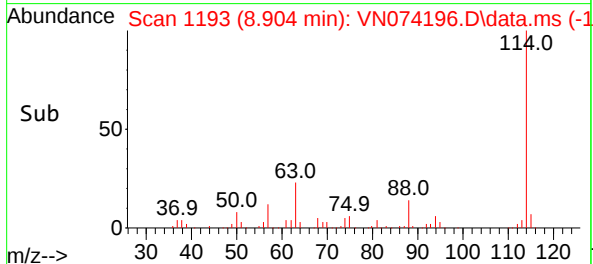
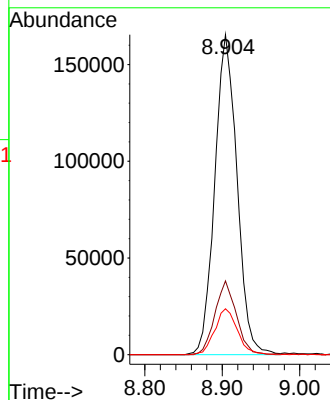
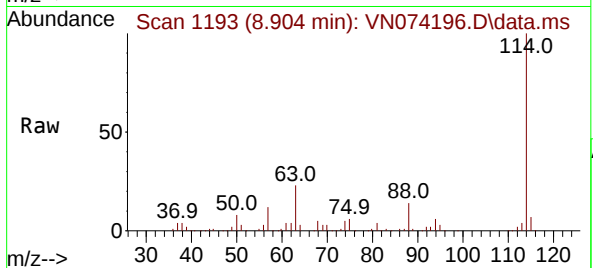
Tgt Ion:114 Resp: 329668

Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.746 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074196.D

Acq: 31 Aug 2022 04:14

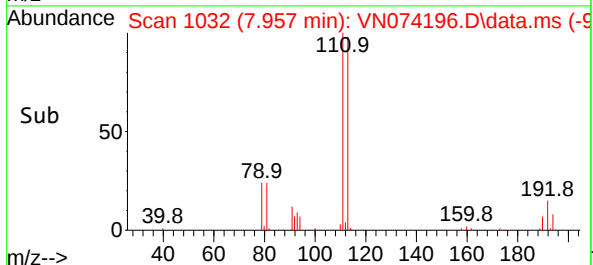
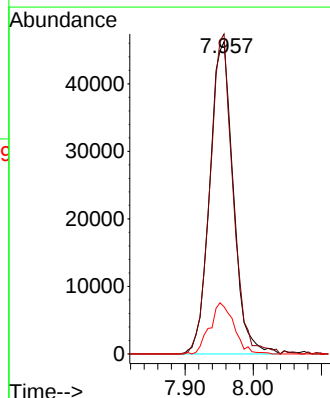
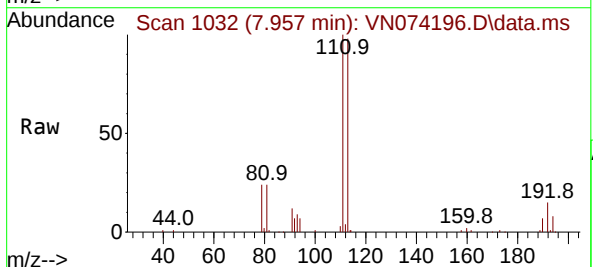
Tgt Ion:113 Resp: 111006

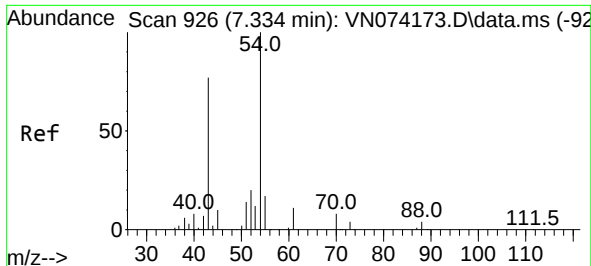
Ion Ratio Lower Upper

113 100

111 99.7 81.4 122.0

192 16.8 17.0 25.6#

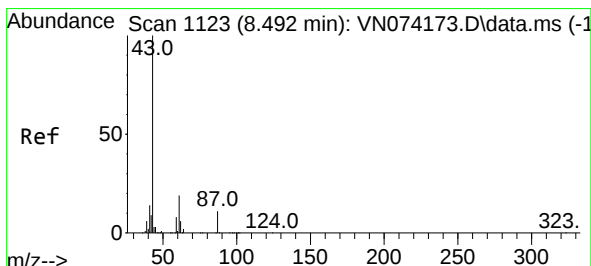
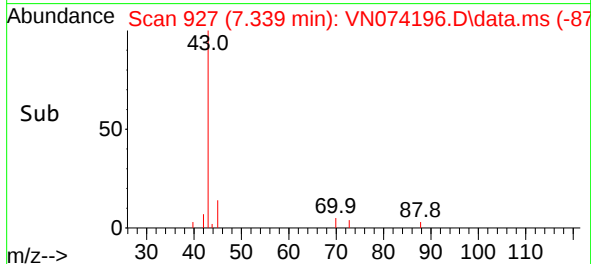
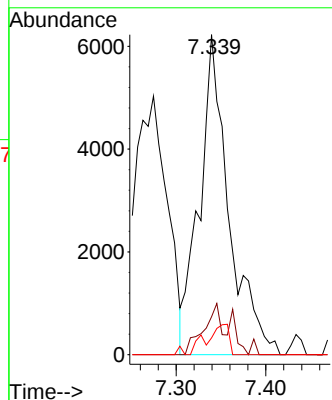
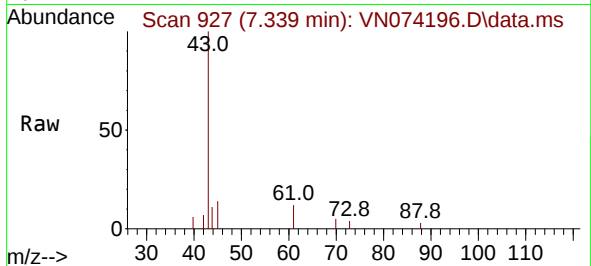




#37  
Ethyl Acetate  
Concen: 2.435 ug/l  
RT: 7.339 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074196.D  
Acq: 31 Aug 2022 04:14

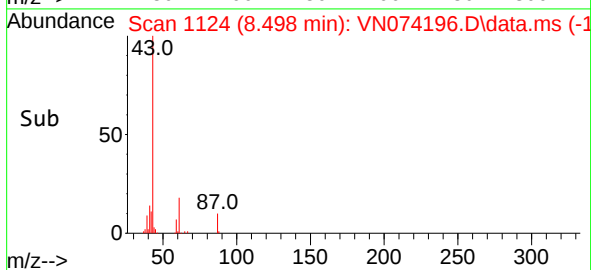
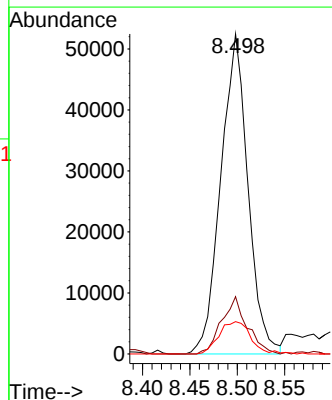
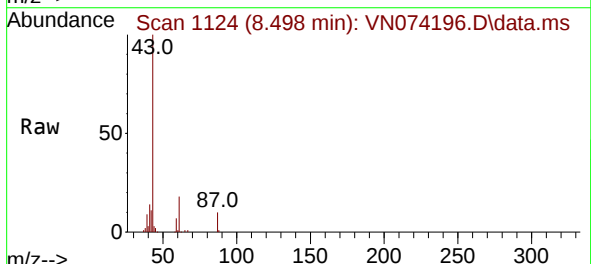
Instrument :  
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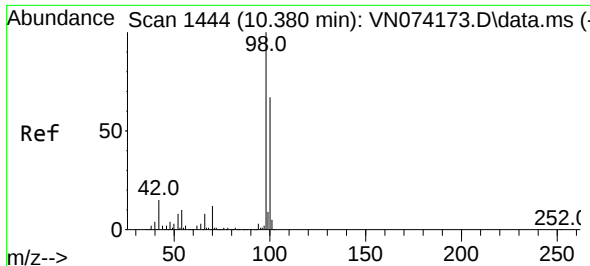
Tgt Ion: 43 Resp: 14172  
Ion Ratio Lower Upper  
43 100  
61 10.2 11.8 17.6#  
70 5.0 9.3 13.9#



#43  
Isopropyl Acetate  
Concen: 13.365 ug/l  
RT: 8.498 min Scan# 1124  
Delta R.T. 0.006 min  
Lab File: VN074196.D  
Acq: 31 Aug 2022 04:14

Tgt Ion: 43 Resp: 104587  
Ion Ratio Lower Upper  
43 100  
61 16.9 21.9 32.9#  
87 11.9 12.0 18.0#

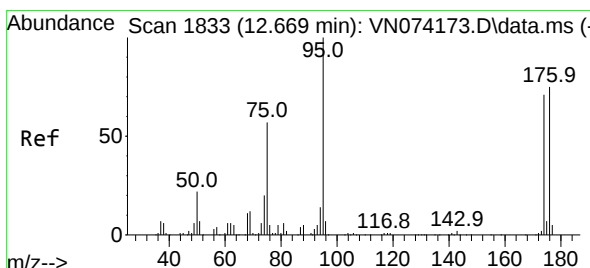
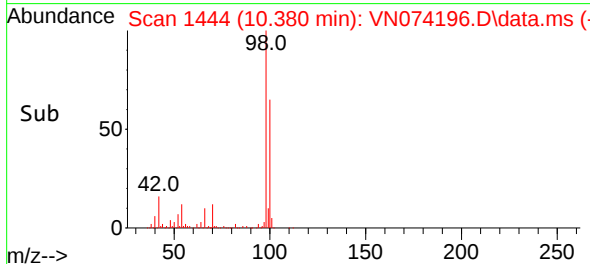
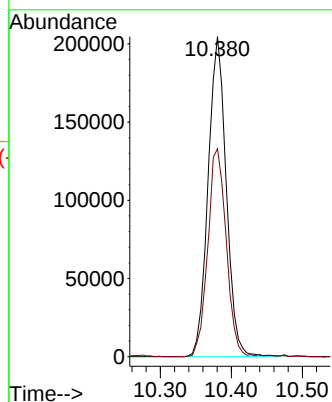
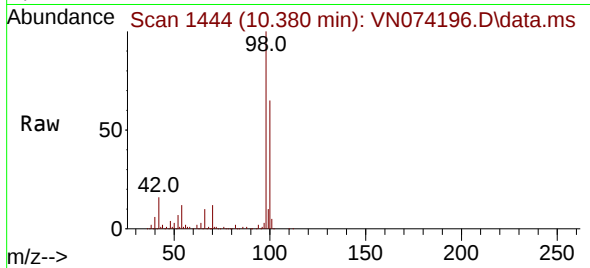




#50  
Toluene-d8  
Concen: 43.053 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074196.D  
Acq: 31 Aug 2022 04:14

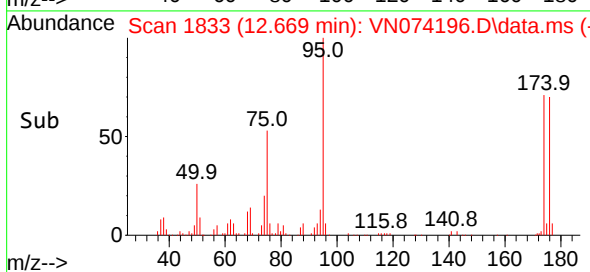
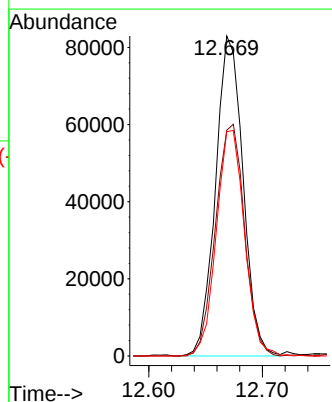
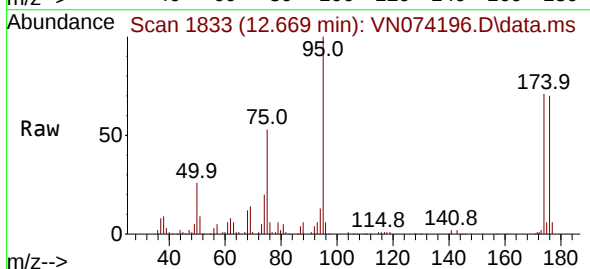
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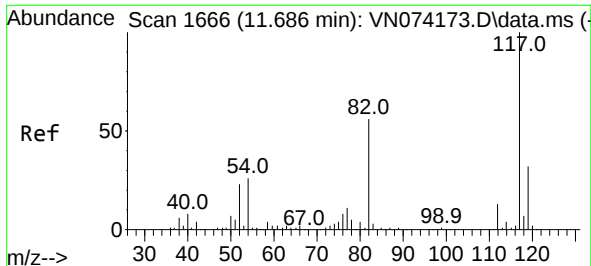
Tgt Ion: 98 Resp: 363717  
Ion Ratio Lower Upper  
98 100  
100 66.0 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 54.316 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN074196.D  
Acq: 31 Aug 2022 04:14

Tgt Ion: 95 Resp: 139545  
Ion Ratio Lower Upper  
95 100  
174 76.4 0.0 167.6  
176 72.2 0.0 163.4

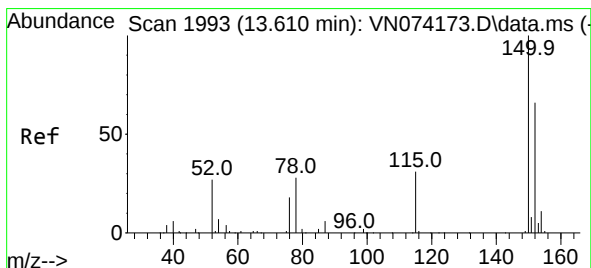
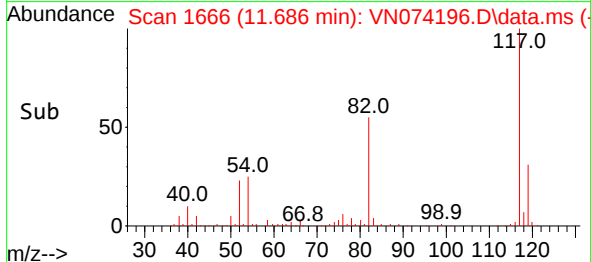
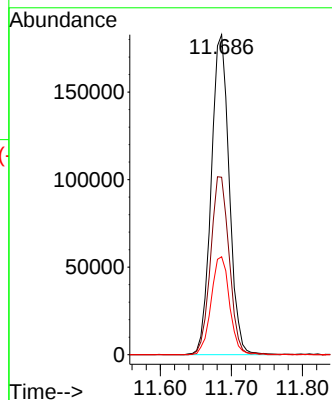
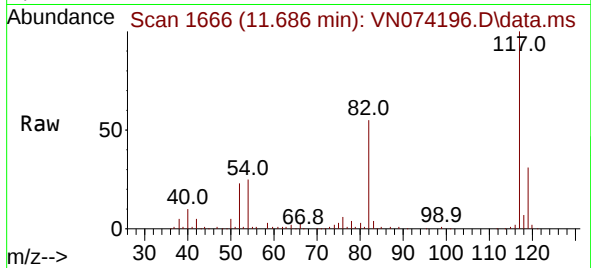




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074196.D  
Acq: 31 Aug 2022 04:14

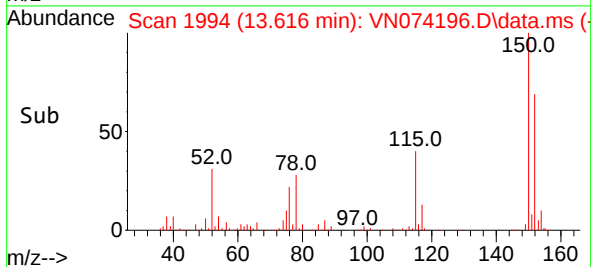
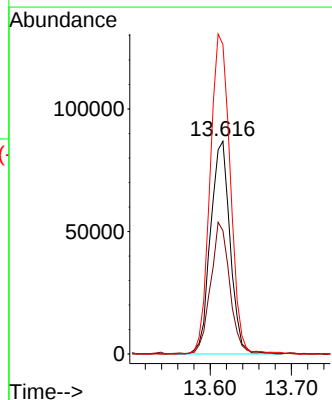
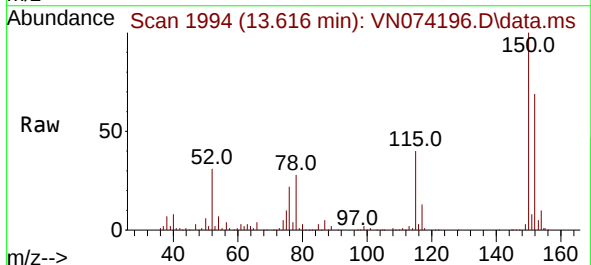
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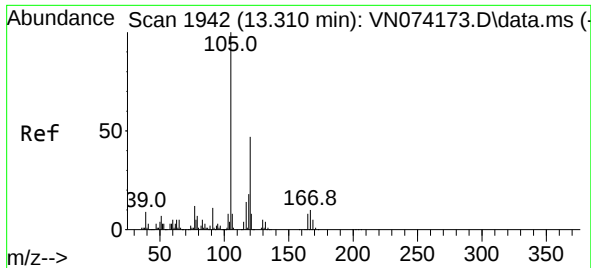
Tgt Ion:117 Resp: 321222  
Ion Ratio Lower Upper  
117 100  
82 55.5 44.2 66.2  
119 30.6 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.616 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: VN074196.D  
Acq: 31 Aug 2022 04:14

Tgt Ion:152 Resp: 144946  
Ion Ratio Lower Upper  
152 100  
115 60.3 28.9 86.7  
150 155.2 0.0 356.2





#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.652 ug/l  
 RT: 13.310 min Scan# 1942  
 Delta R.T. 0.000 min  
 Lab File: VN074196.D  
 Acq: 31 Aug 2022 04:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-PALM-SP-02

Tgt Ion:105 Resp: 16093  
 Ion Ratio Lower Upper  
 105 100  
 120 45.4 23.3 69.8

