

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090122\  
 Data File : VN074242.D  
 Acq On : 01 Sep 2022 15:05  
 Operator : JC\MD  
 Sample : N4421-14  
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-PALM-SP-03-GR

Quant Time: Sep 01 16:16:26 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

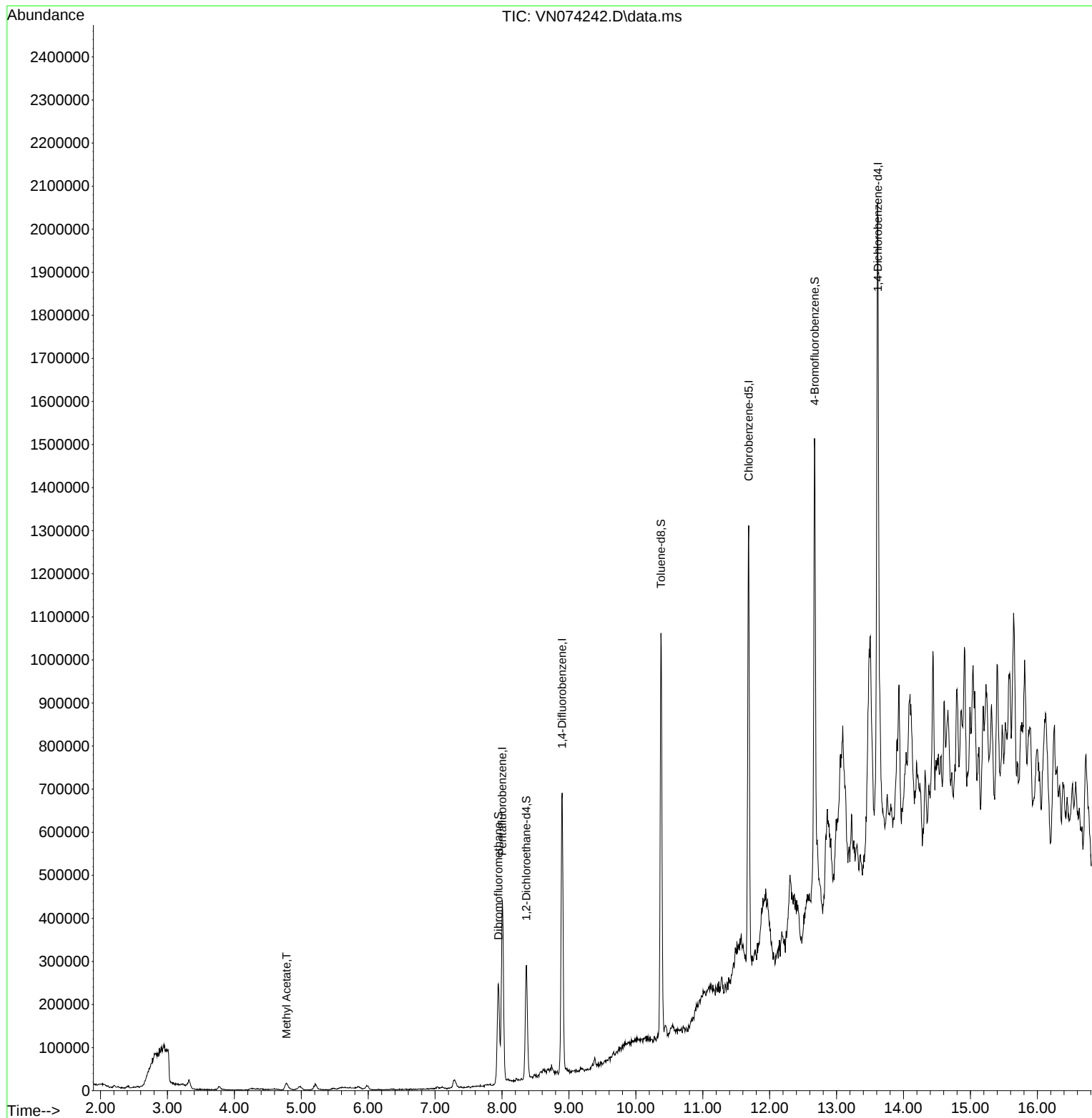
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 8.004  | 168   | 311714   | 50.000   | ug/l  | -0.01     |
| 34) 1,4-Difluorobenzene     | 8.898  | 114   | 569958   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 584285   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.616 | 152   | 344021   | 50.000   | ug/l  | 0.00      |
|                             |        |       |          |          |       |           |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.363  | 65    | 198527   | 41.056   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 82.120%   |
| 35) Dibromofluoromethane    | 7.945  | 113   | 166350   | 44.852   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 89.700%   |
| 50) Toluene-d8              | 10.375 | 98    | 639487   | 43.783   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 87.560%   |
| 62) 4-Bromofluorobenzene    | 12.675 | 95    | 294242   | 66.245   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 132.500%# |
|                             |        |       |          |          |       |           |
| Target Compounds            |        |       |          |          |       |           |
| 18) Methyl Acetate          | 4.781  | 43    | 36202    | 2.498    | ug/l  | Qvalue 93 |
| -----                       |        |       |          |          |       |           |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090122\  
Data File : VN074242.D  
Acq On : 01 Sep 2022 15:05  
Operator : JC\MD  
Sample : N4421-14  
Misc : 5.51g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

Quant Time: Sep 01 16:16:26 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

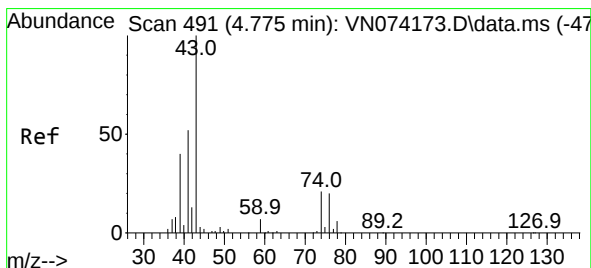
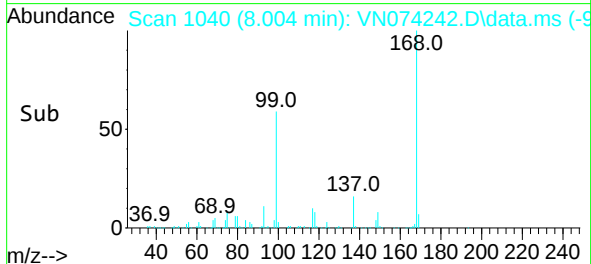
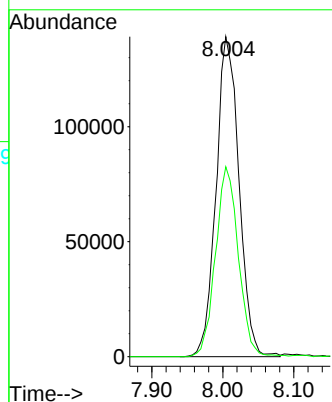
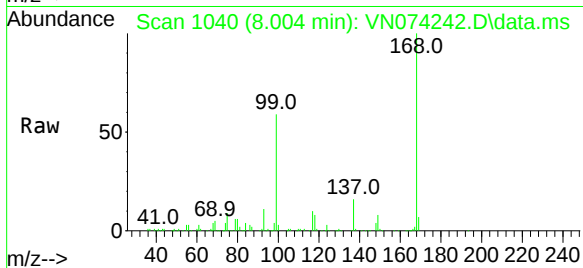




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.004 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

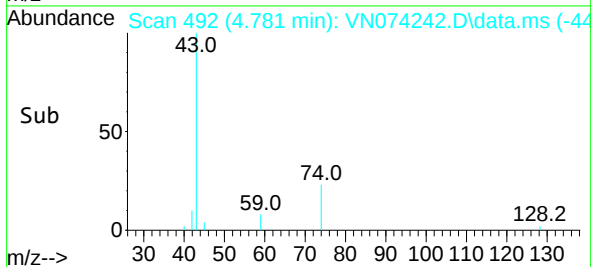
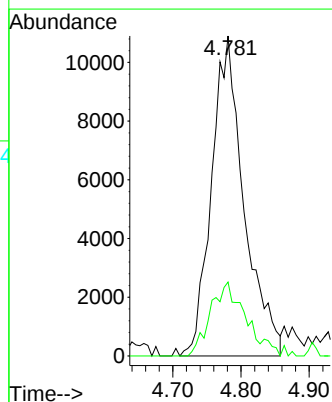
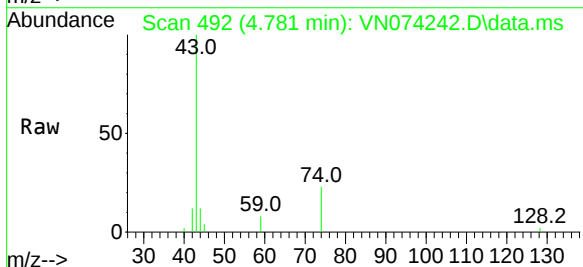
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

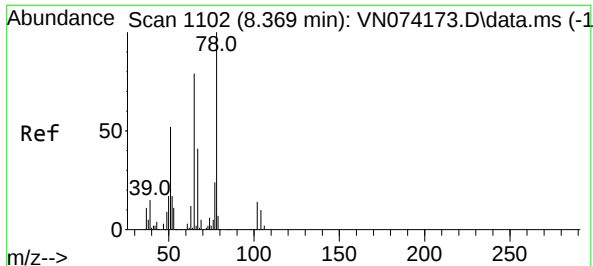
Tgt Ion:168 Resp: 311714  
Ion Ratio Lower Upper  
168 100  
99 59.4 42.3 63.5



#18  
Methyl Acetate  
Concen: 2.498 ug/l  
RT: 4.781 min Scan# 492  
Delta R.T. 0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 43 Resp: 36202  
Ion Ratio Lower Upper  
43 100  
74 23.3 21.6 32.4





#33

1,2-Dichloroethane-d4

Concen: 41.056 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

Instrument :

MSVOA\_N

ClientSampleId :

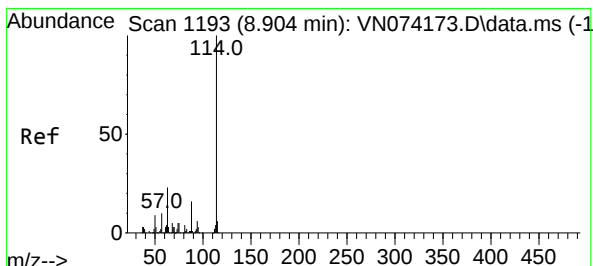
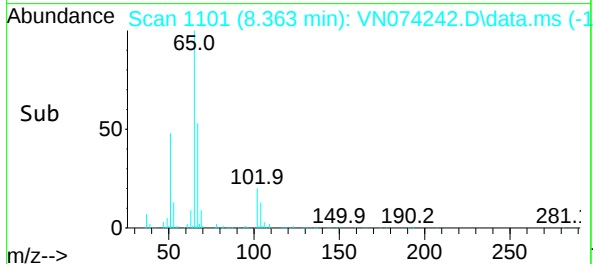
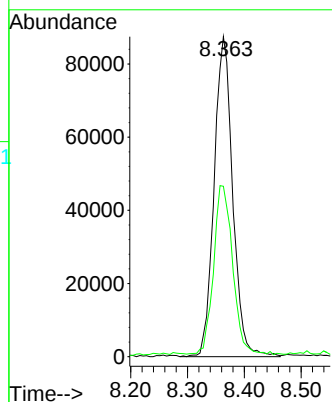
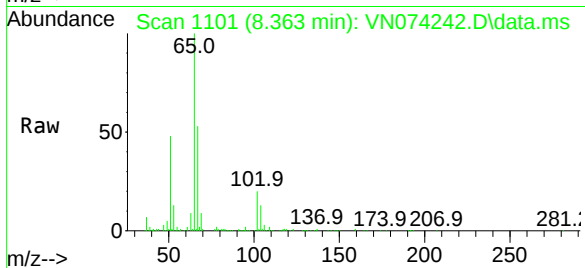
WC-PALM-SP-03-GR

Tgt Ion: 65 Resp: 198527

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

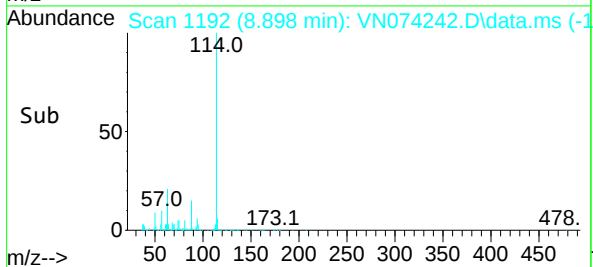
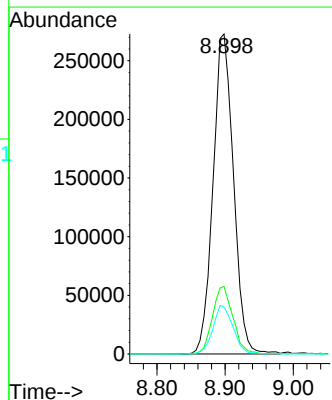
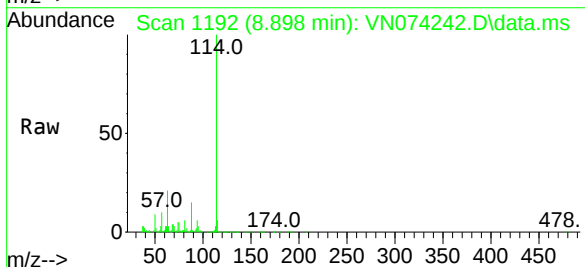
Tgt Ion: 114 Resp: 569958

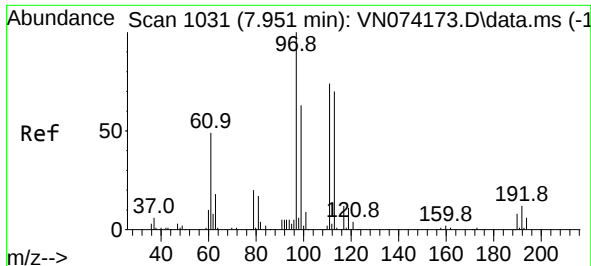
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 14.7 0.0 32.6

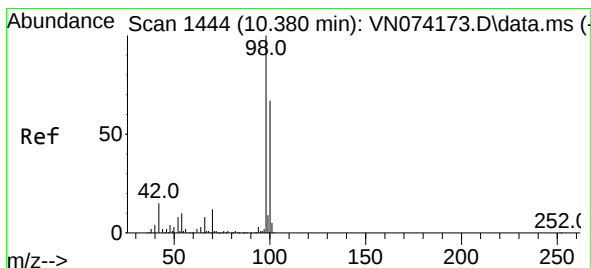
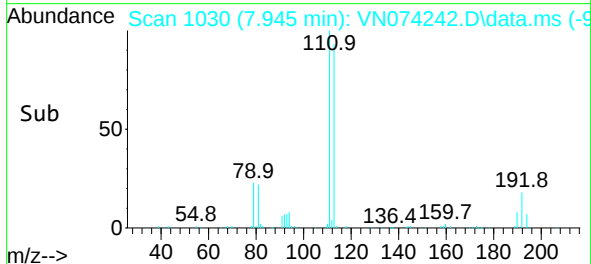
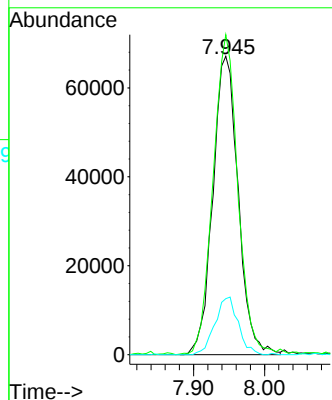
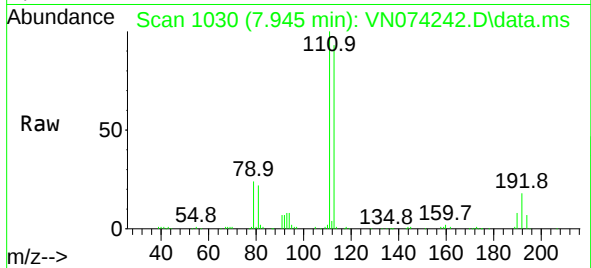




#35  
Dibromofluoromethane  
Concen: 44.852 ug/l  
RT: 7.945 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

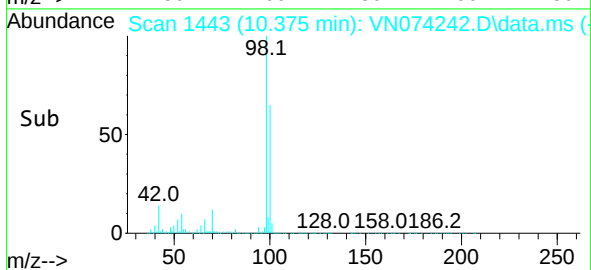
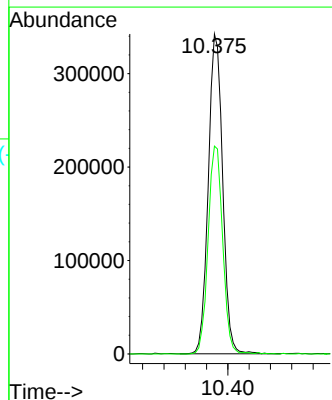
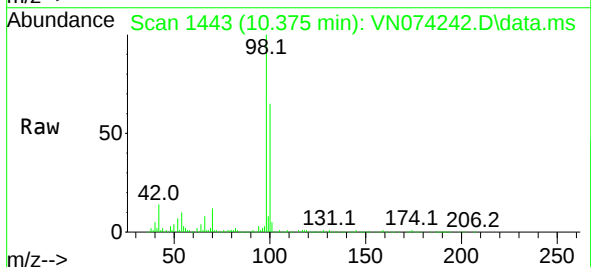
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

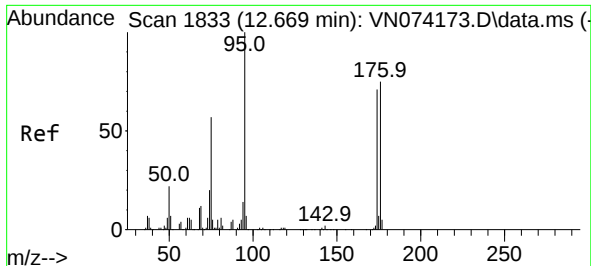
Tgt Ion:113 Resp: 166350  
Ion Ratio Lower Upper  
113 100  
111 105.4 81.4 122.0  
192 17.6 17.0 25.6



#50  
Toluene-d8  
Concen: 43.783 ug/l  
RT: 10.375 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 98 Resp: 639487  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.6 78.8

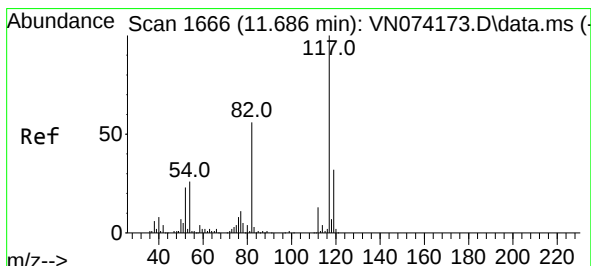
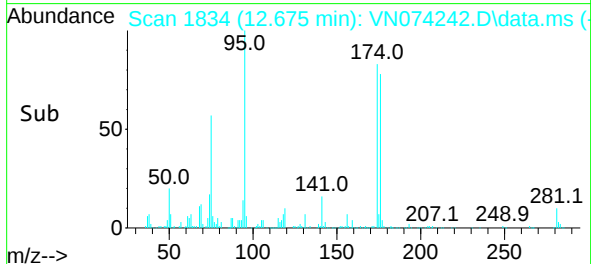
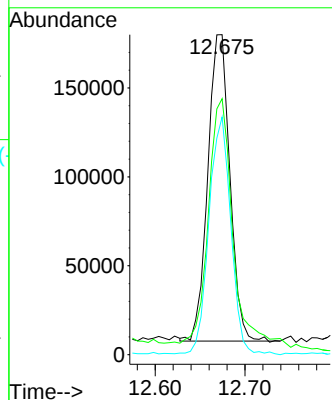
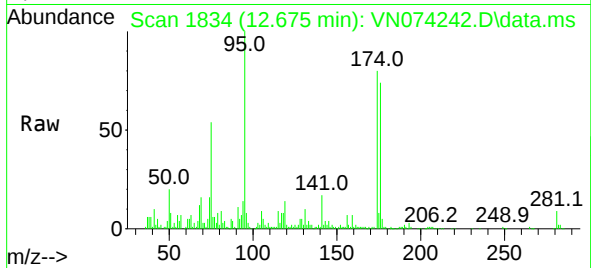




#62  
4-Bromofluorobenzene  
Concen: 66.245 ug/l  
RT: 12.675 min Scan# 1834  
Delta R.T. 0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

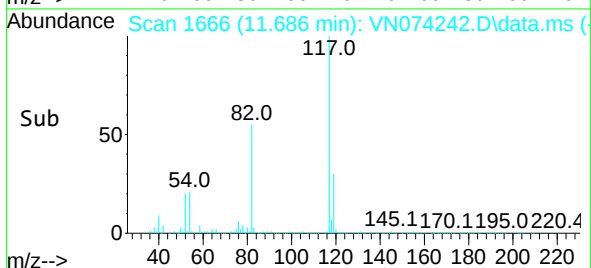
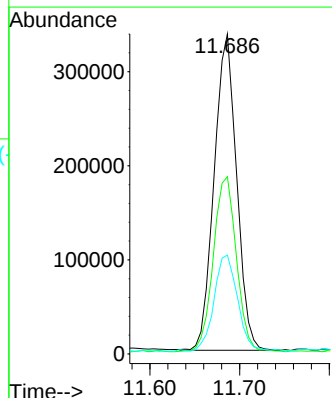
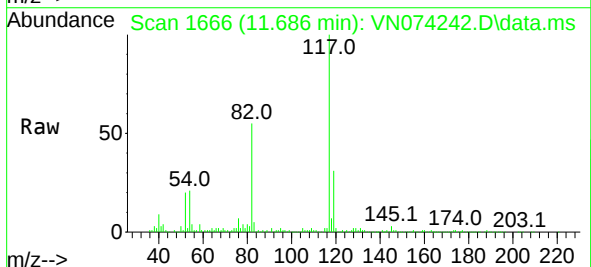
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

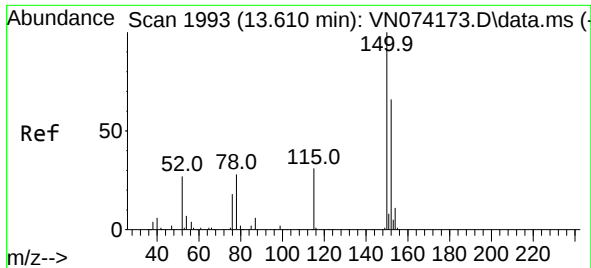
Tgt Ion: 95 Resp: 294242  
Ion Ratio Lower Upper  
95 100  
174 96.9 0.0 167.6  
176 77.1 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

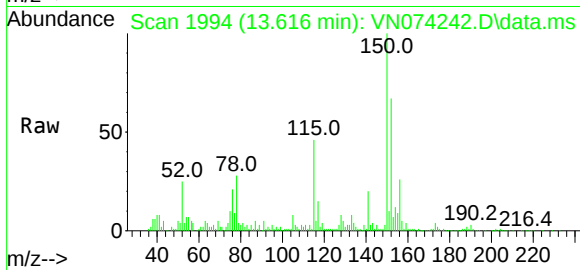
Tgt Ion: 117 Resp: 584285  
Ion Ratio Lower Upper  
117 100  
82 55.2 44.2 66.2  
119 30.0 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.616 min Scan# 1994  
 Delta R.T. 0.006 min  
 Lab File: VN074242.D  
 Acq: 01 Sep 2022 15:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-PALM-SP-03-GR



Tgt Ion:152 Resp: 344021  
 Ion Ratio Lower Upper  
 152 100  
 115 77.5 28.9 86.7  
 150 142.5 0.0 356.2

