

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091622\  
 Data File : VN074514.D  
 Acq On : 16 Sep 2022 16:46  
 Operator : JC\MD  
 Sample : N4508-08  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EB02-090222

Quant Time: Sep 16 22:34:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 15 19:20:33 2022  
 Response via : Initial Calibration

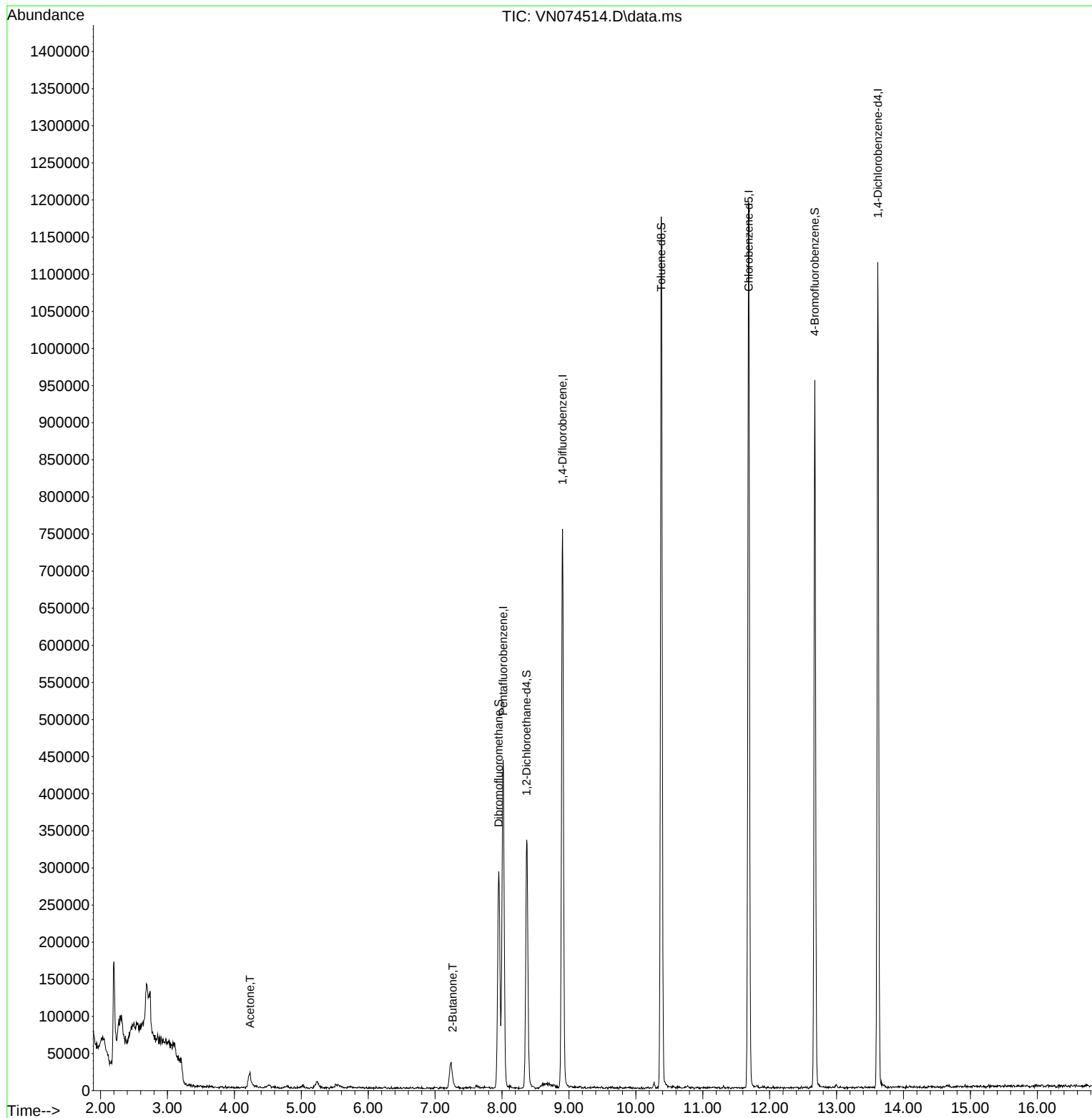
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 311947   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 630003   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 620443   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.616 | 152   | 262421   | 50.000   | ug/l   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 258669   | 48.871   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 97.740%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 208113   | 49.728   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 99.460%  |
| 50) Toluene-d8              | 10.381 | 98    | 775713   | 47.928   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 95.860%  |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 292144   | 52.702   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 105.400% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
| 16) Acetone                 | 4.234  | 43    | 36322    | 10.724   | ug/l # | 75       |
| 25) 2-Butanone              | 7.263  | 43    | 10724    | 1.907    | ug/l   | 91       |
| -----                       |        |       |          |          |        |          |

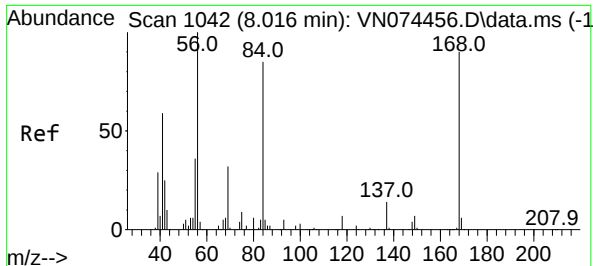
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 15 19:20:33 2022  
Response via : Initial Calibration

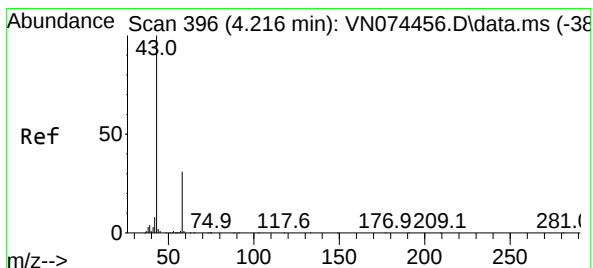
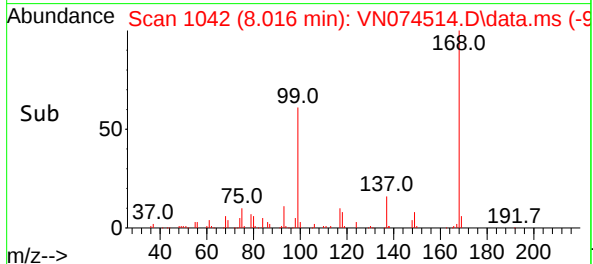
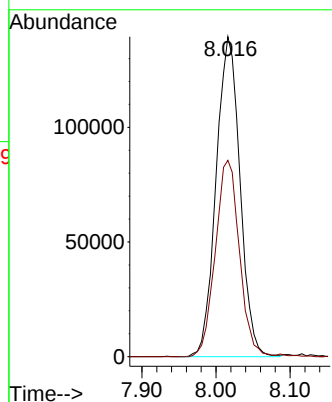
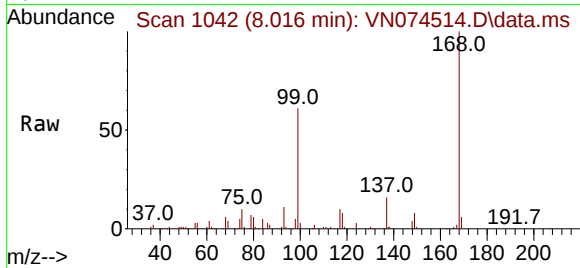




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074514.D  
Acq: 16 Sep 2022 16:46

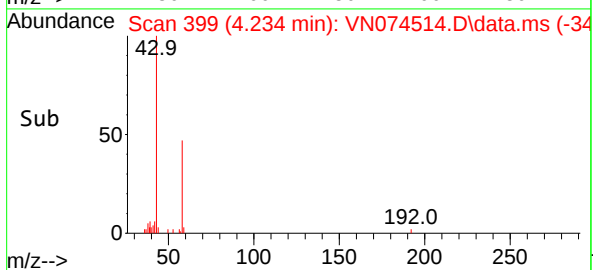
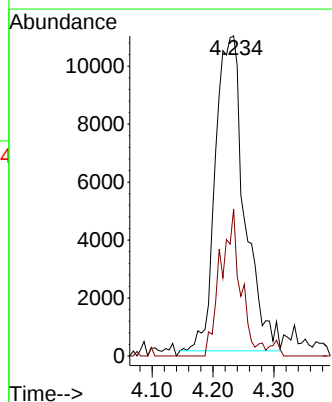
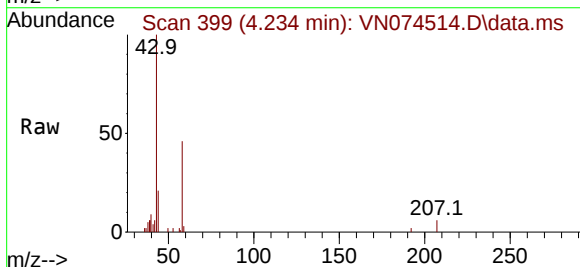
Instrument :  
MSVOA\_N  
ClientSampleId :  
EB02-090222

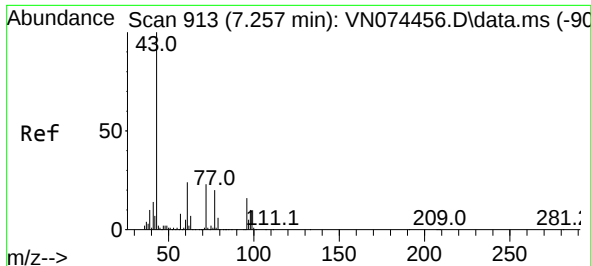
Tgt Ion:168 Resp: 311947  
Ion Ratio Lower Upper  
168 100  
99 61.4 42.3 63.5



#16  
Acetone  
Concen: 10.724 ug/l  
RT: 4.234 min Scan# 399  
Delta R.T. 0.018 min  
Lab File: VN074514.D  
Acq: 16 Sep 2022 16:46

Tgt Ion: 43 Resp: 36322  
Ion Ratio Lower Upper  
43 100  
58 46.7 26.0 39.0#





#25

2-Butanone

Concen: 1.907 ug/l

RT: 7.263 min Scan# 913

Delta R.T. 0.006 min

Lab File: VN074514.D

Acq: 16 Sep 2022 16:46

Instrument :

MSVOA\_N

ClientSampleId :

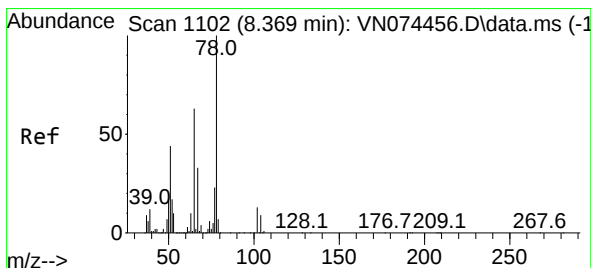
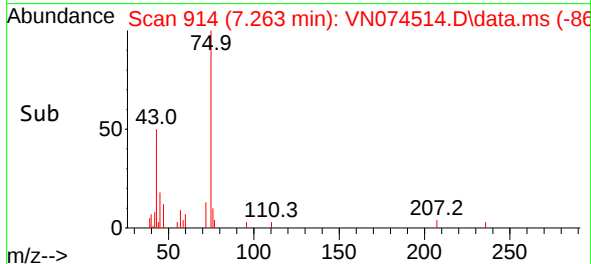
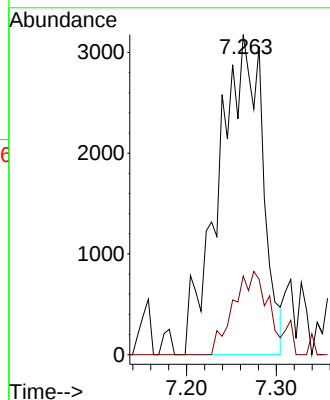
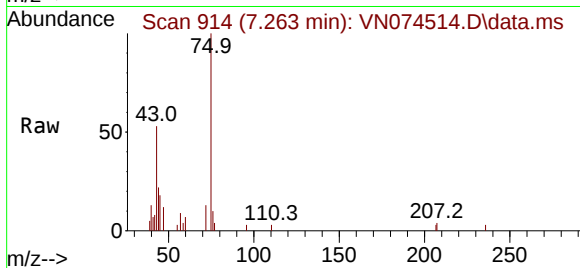
EB02-090222

Tgt Ion: 43 Resp: 10724

Ion Ratio Lower Upper

43 100

72 24.6 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 48.871 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074514.D

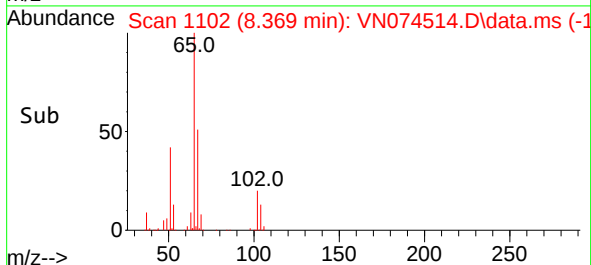
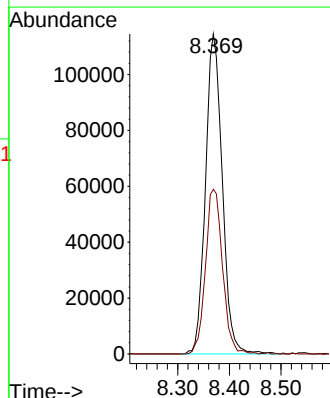
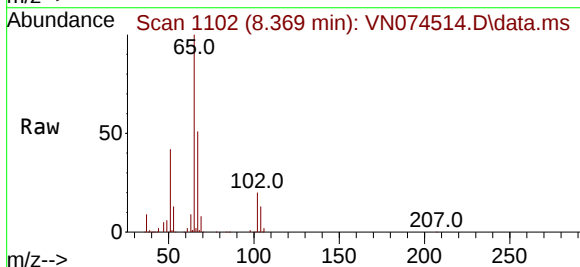
Acq: 16 Sep 2022 16:46

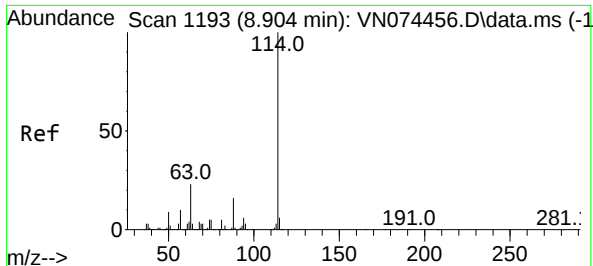
Tgt Ion: 65 Resp: 258669

Ion Ratio Lower Upper

65 100

67 52.2 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: VN074514.D

Acq: 16 Sep 2022 16:46

Instrument :

MSVOA\_N

ClientSampleId :

EB02-090222

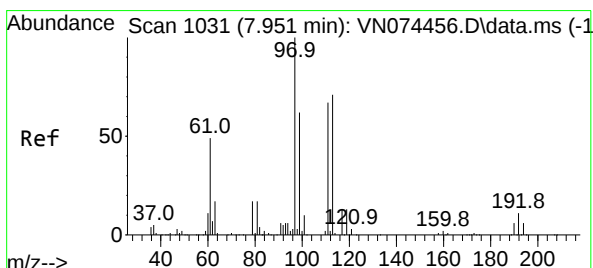
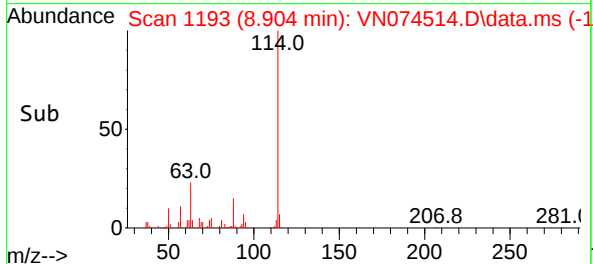
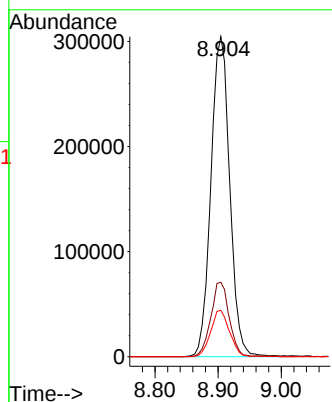
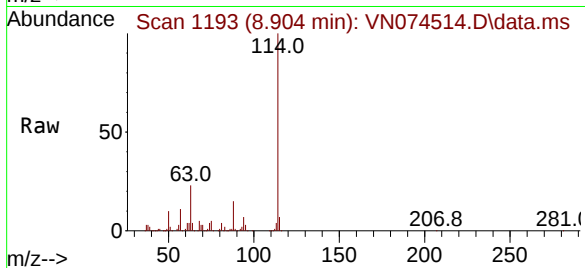
Tgt Ion:114 Resp: 630003

Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.728 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074514.D

Acq: 16 Sep 2022 16:46

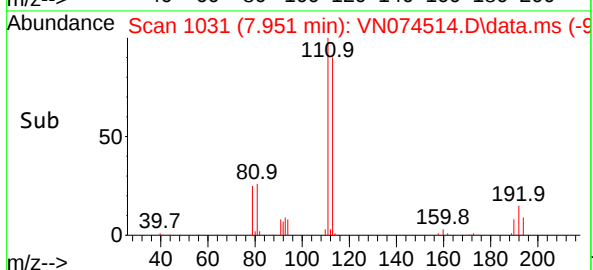
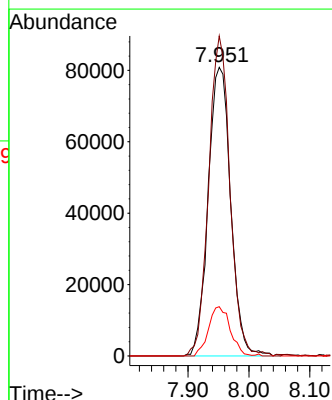
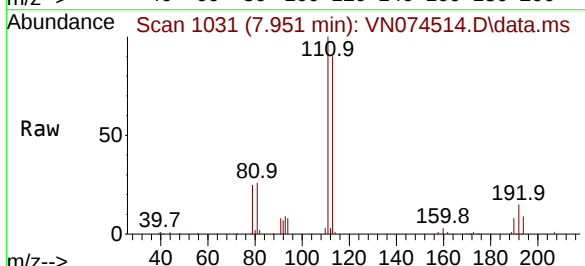
Tgt Ion:113 Resp: 208113

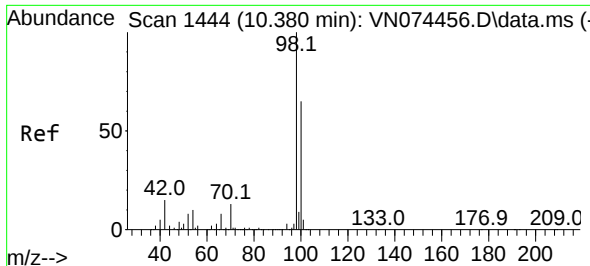
Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.0

192 16.5 17.0 25.6#

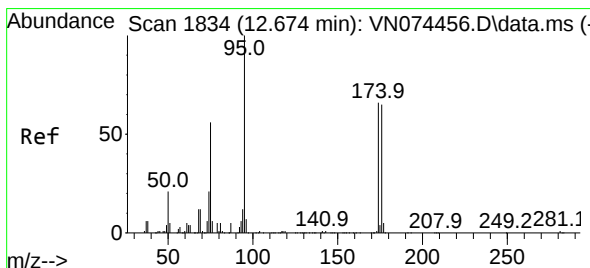
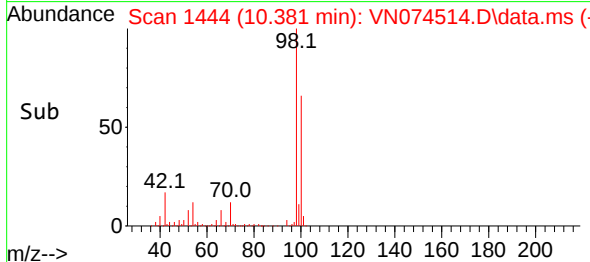
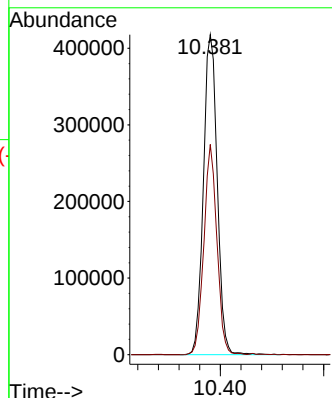
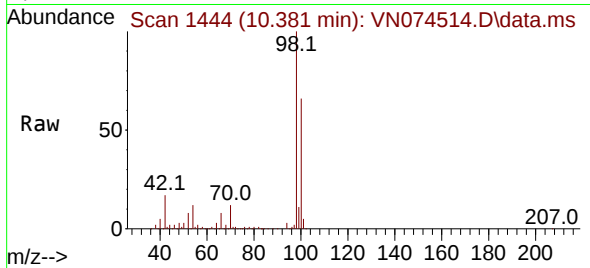




#50  
Toluene-d8  
Concen: 47.928 ug/l  
RT: 10.381 min Scan# 1444  
Delta R.T. 0.001 min  
Lab File: VN074514.D  
Acq: 16 Sep 2022 16:46

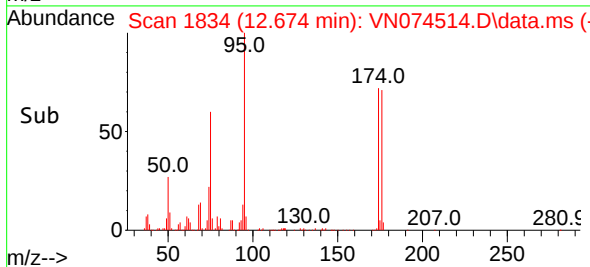
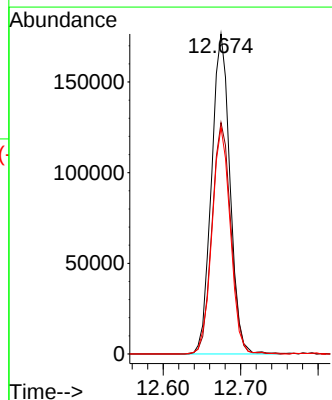
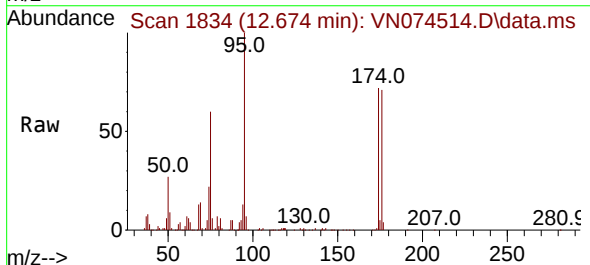
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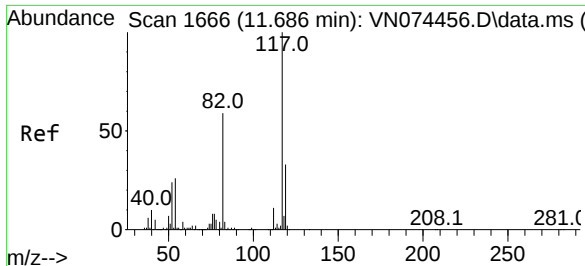
Tgt Ion: 98 Resp: 775713  
Ion Ratio Lower Upper  
98 100  
100 62.0 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 52.702 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN074514.D  
Acq: 16 Sep 2022 16:46

Tgt Ion: 95 Resp: 292144  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 167.6  
176 70.5 0.0 163.4

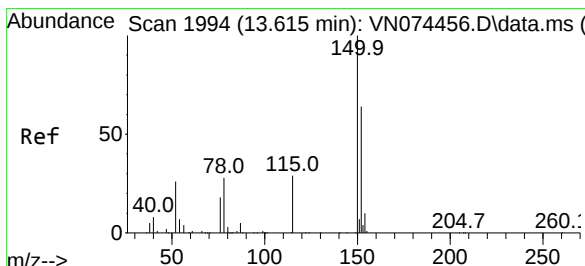
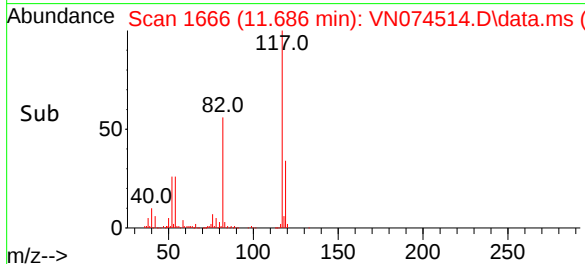
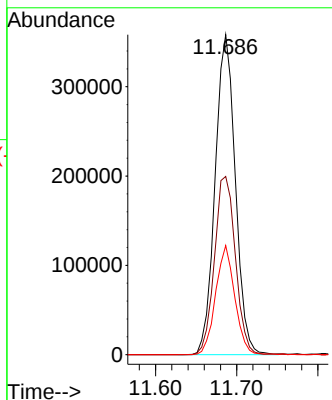
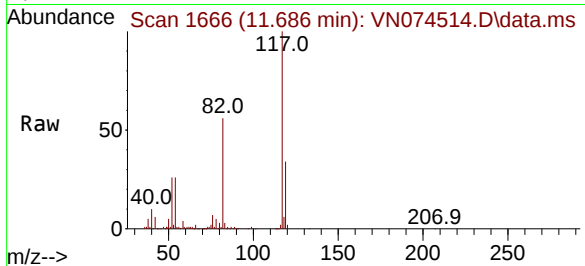




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: VN074514.D  
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Instrument :  
MSVOA\_N  
ClientSampleId :  
EB02-090222

Tgt Ion:117 Resp: 620443  
Ion Ratio Lower Upper  
117 100  
82 55.7 44.2 66.2  
119 34.1 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.616 min Scan# 1994  
Delta R.T. 0.001 min  
Lab File: VN074514.D  
Acq: 16 Sep 2022 16:46

Tgt Ion:152 Resp: 262421  
Ion Ratio Lower Upper  
152 100  
115 59.2 28.9 86.7  
150 156.1 0.0 356.2

