

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091622\  
 Data File : VN074540.D  
 Acq On : 17 Sep 2022 04:08  
 Operator : JC\MD  
 Sample : N4549-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-56

Quant Time: Sep 17 06:19:26 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

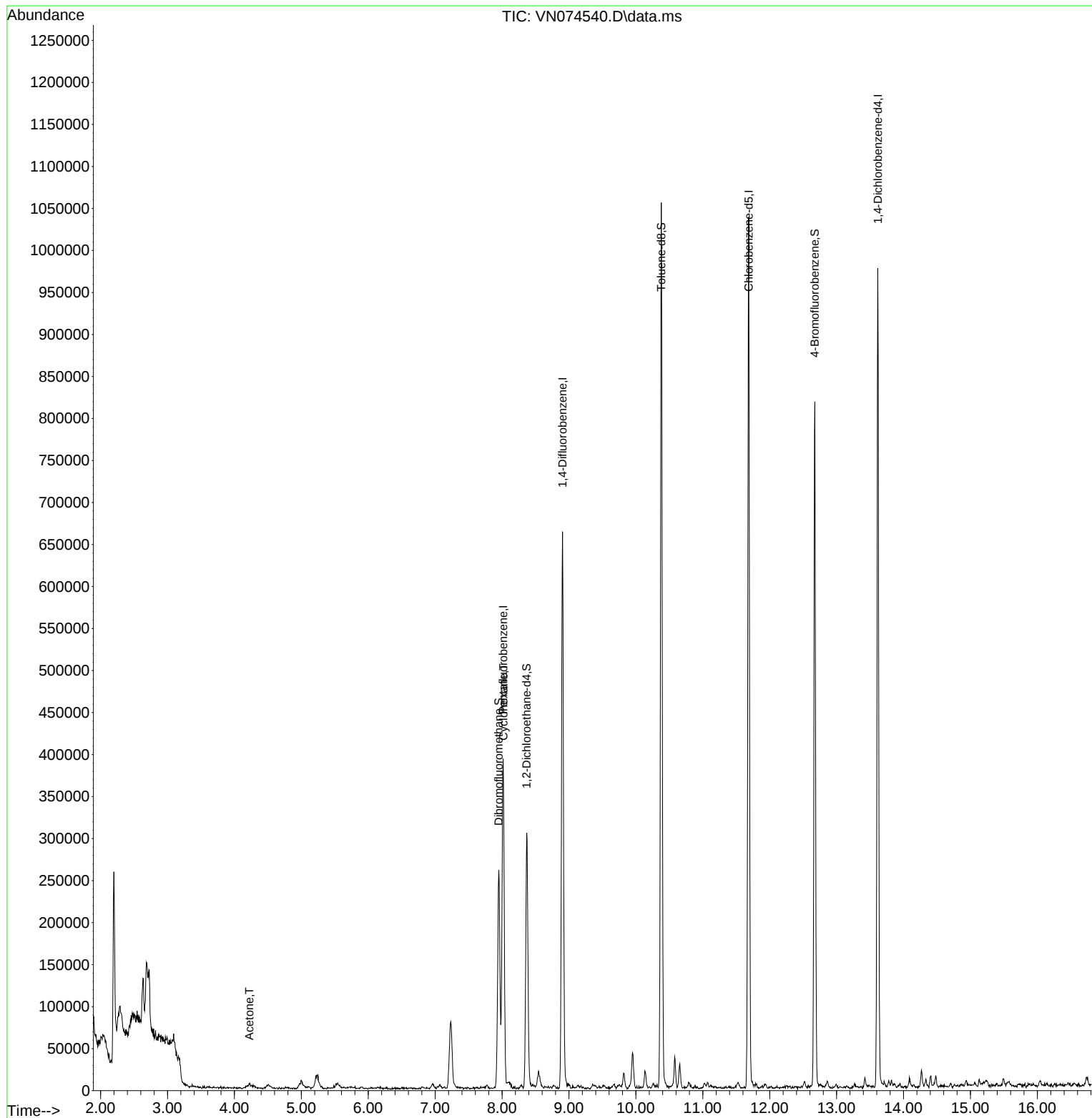
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.016          | 168  | 283242     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904          | 114  | 542324     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.686         | 117  | 521182     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.616         | 152  | 231602     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369          | 65   | 229826     | 47.822   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 95.640%  |        |          |
| 35) Dibromofluoromethane    | 7.951          | 113  | 186090     | 51.655   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 103.300% |        |          |
| 50) Toluene-d8              | 10.380         | 98   | 664792     | 47.715   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 95.440%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.674         | 95   | 245976     | 51.548   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 103.100% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        | Qvalue   |
| 16) Acetone                 | 4.222          | 43   | 7996       | 2.600    | ug/l # | 72       |
| 31) Cyclohexane             | 8.022          | 56   | 12271      | 1.439    | ug/l # | 51       |
| -----                       |                |      |            |          |        |          |

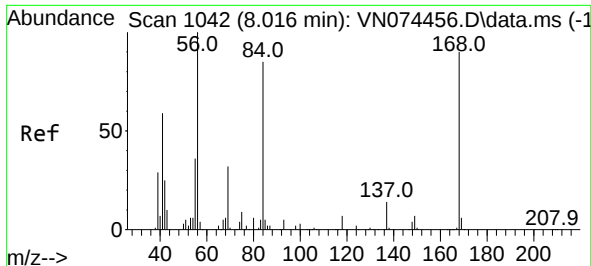
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 46 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Time: Sep 17 06:19:26 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

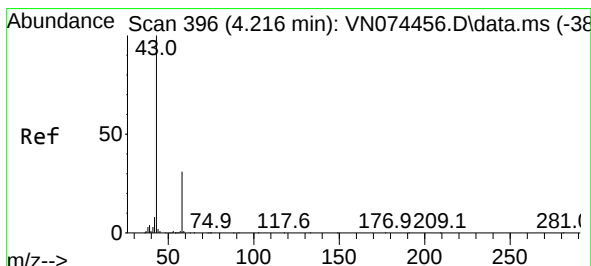
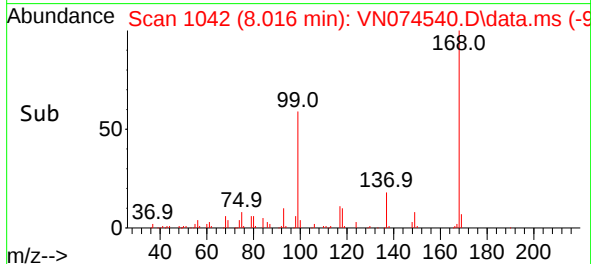
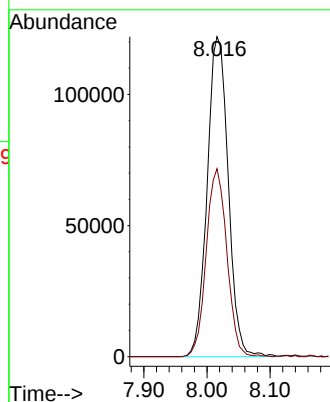
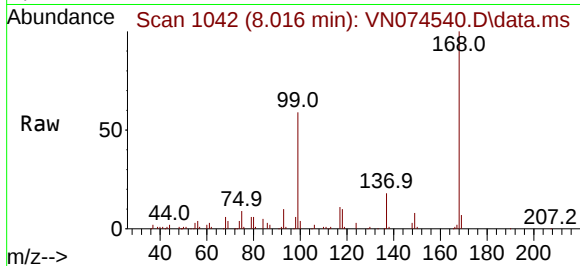




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074540.D  
Acq: 17 Sep 2022 04:08

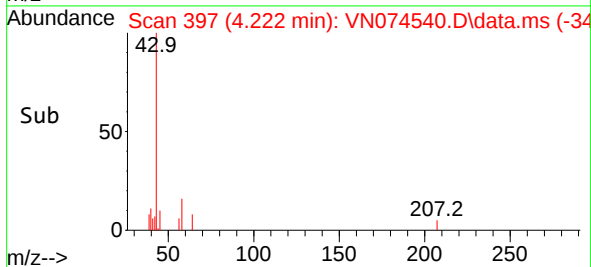
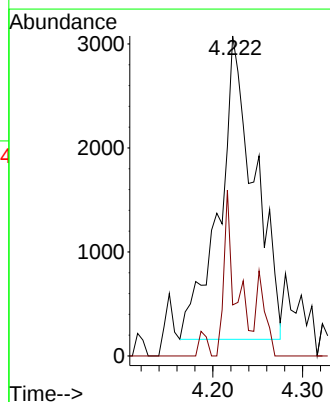
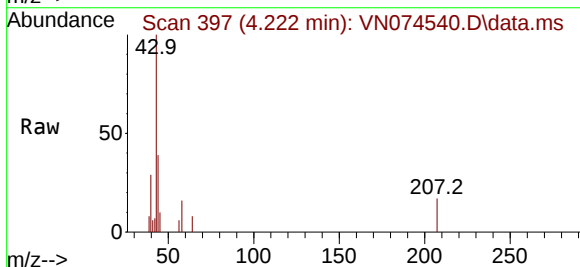
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-56

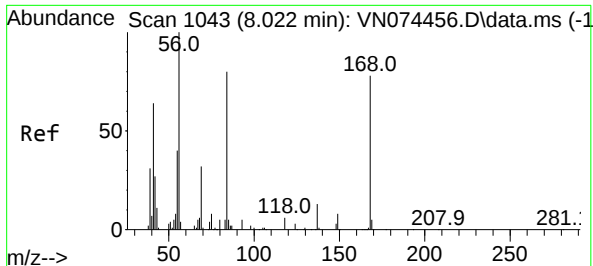
Tgt Ion:168 Resp: 283242  
Ion Ratio Lower Upper  
168 100  
99 58.8 42.3 63.5



#16  
Acetone  
Concen: 2.600 ug/l  
RT: 4.222 min Scan# 397  
Delta R.T. 0.006 min  
Lab File: VN074540.D  
Acq: 17 Sep 2022 04:08

Tgt Ion: 43 Resp: 7996  
Ion Ratio Lower Upper  
43 100  
58 16.8 26.0 39.0#

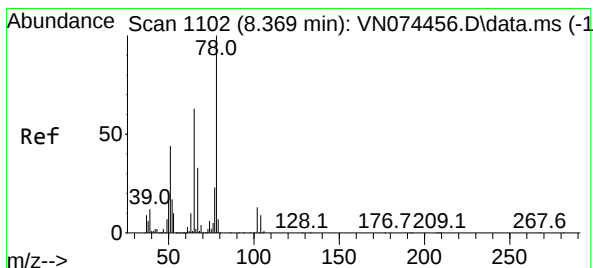
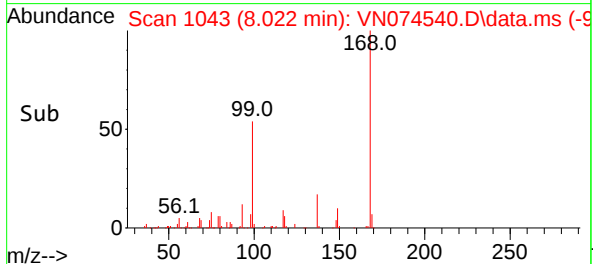
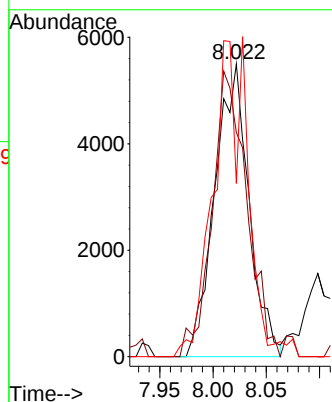
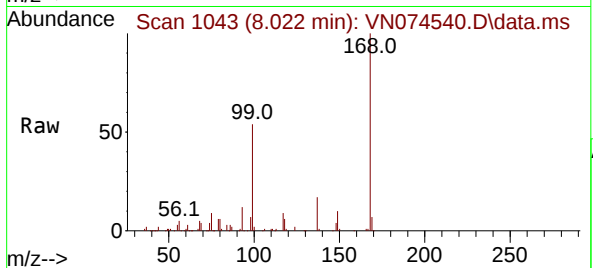




#31  
Cyclohexane  
Concen: 1.439 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: VN074540.D  
Acq: 17 Sep 2022 04:08

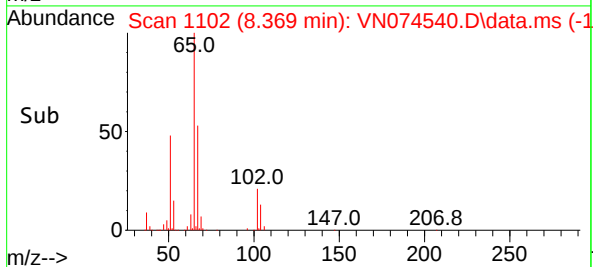
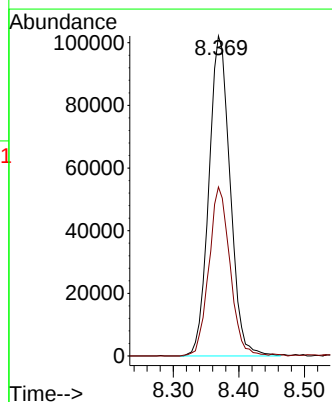
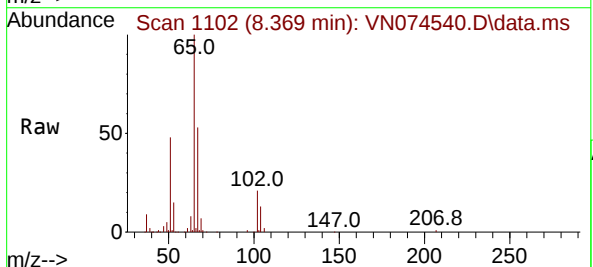
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-56

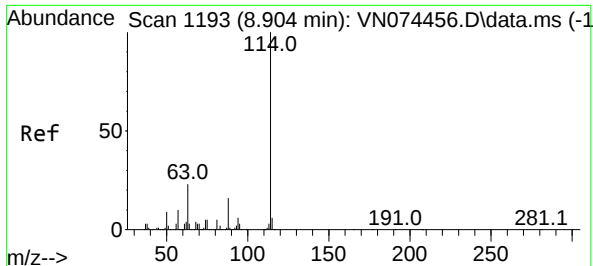
Tgt Ion: 56 Resp: 12271  
Ion Ratio Lower Upper  
56 100  
69 76.6 27.8 41.8#  
84 55.7 76.9 115.3#



#33  
1,2-Dichloroethane-d4  
Concen: 47.822 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN074540.D  
Acq: 17 Sep 2022 04:08

Tgt Ion: 65 Resp: 229826  
Ion Ratio Lower Upper  
65 100  
67 52.5 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: VN074540.D

Acq: 17 Sep 2022 04:08

Instrument :

MSVOA\_N

ClientSampleId :

MW-56

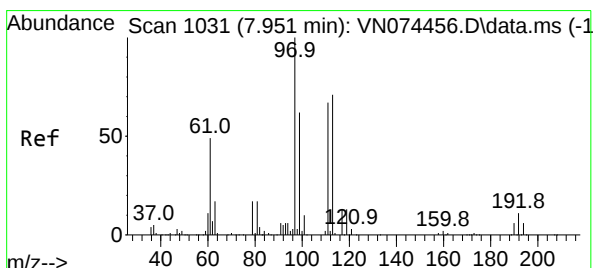
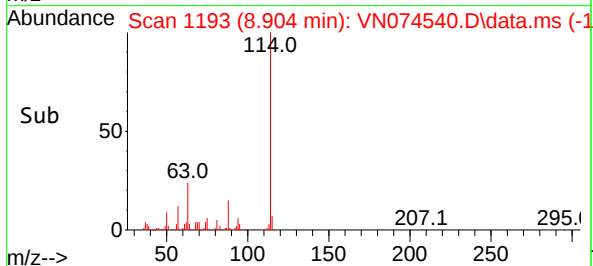
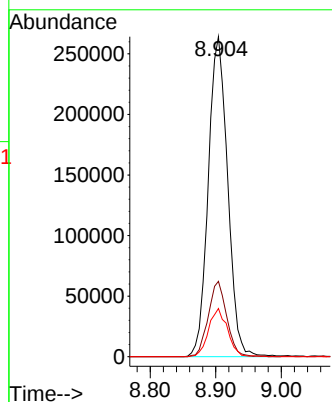
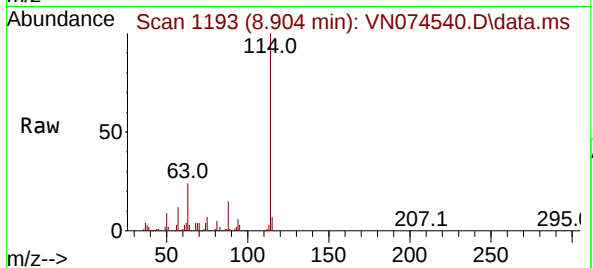
Tgt Ion:114 Resp: 542324

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.655 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074540.D

Acq: 17 Sep 2022 04:08

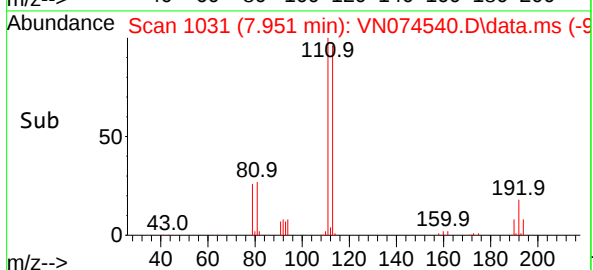
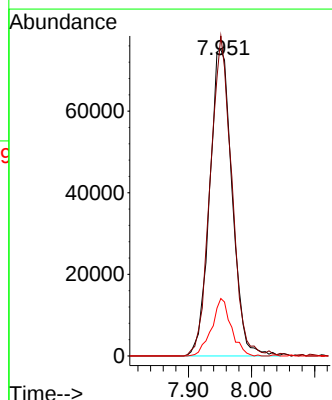
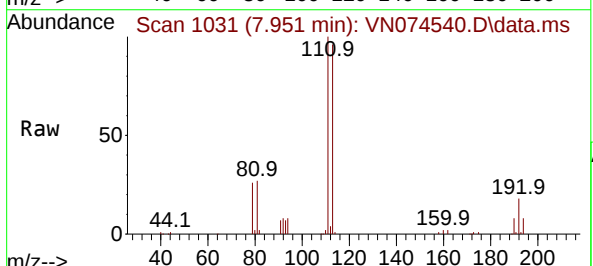
Tgt Ion:113 Resp: 186090

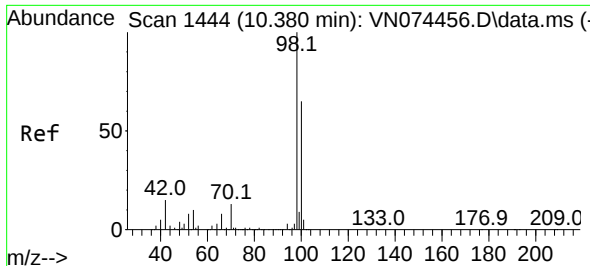
Ion Ratio Lower Upper

113 100

111 99.5 81.4 122.0

192 16.3 17.0 25.6#

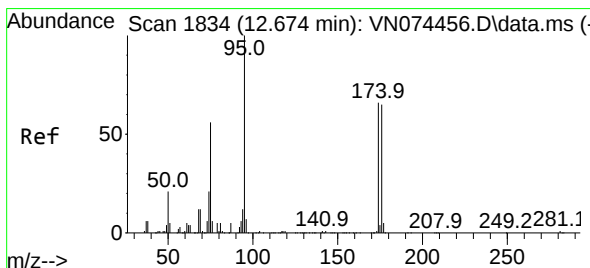
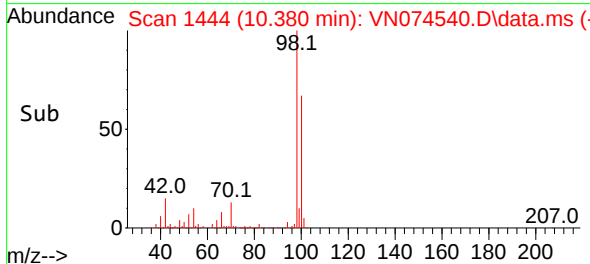
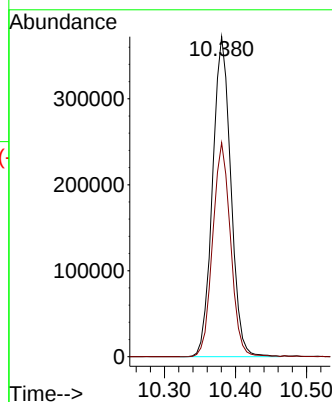
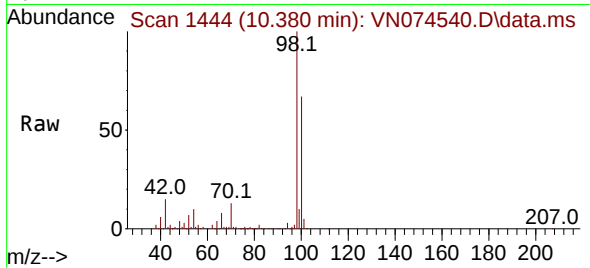




#50  
Toluene-d8  
Concen: 47.715 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074540.D  
Acq: 17 Sep 2022 04:08

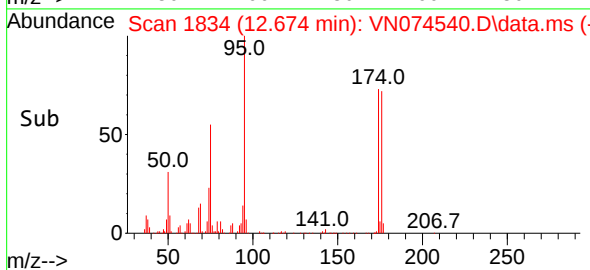
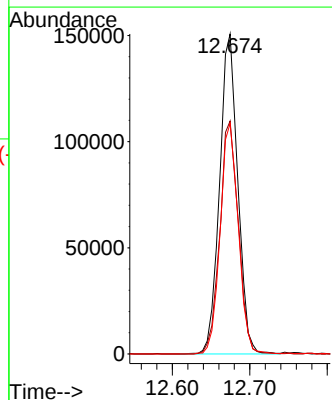
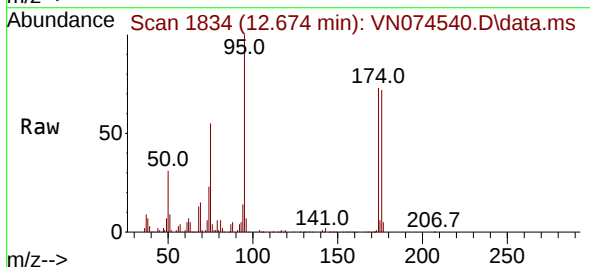
Instrument :  
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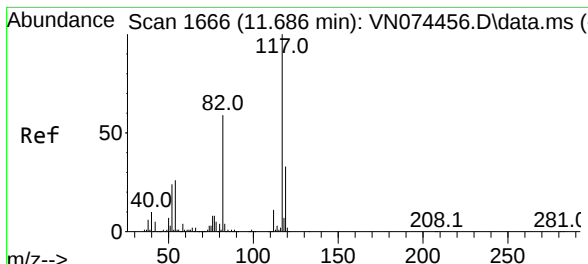
Tgt Ion: 98 Resp: 664792  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 51.548 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN074540.D  
Acq: 17 Sep 2022 04:08

Tgt Ion: 95 Resp: 245976  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 167.6  
176 71.7 0.0 163.4

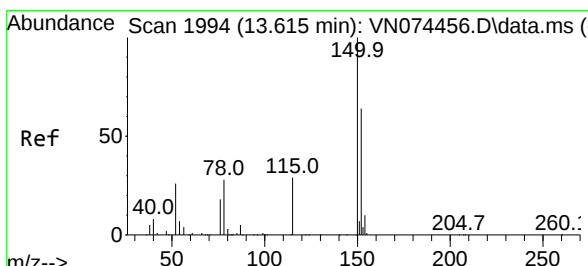
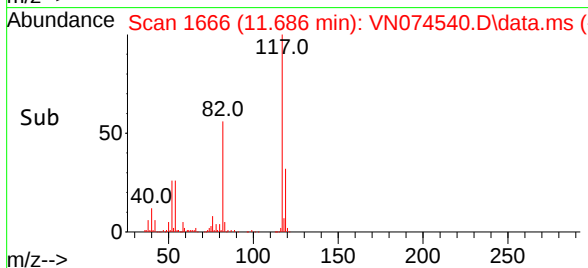
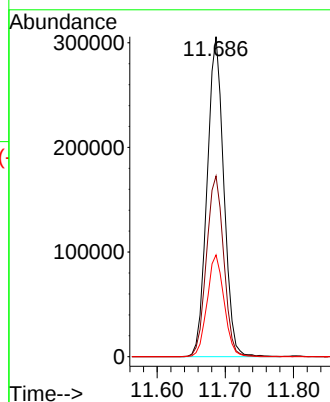
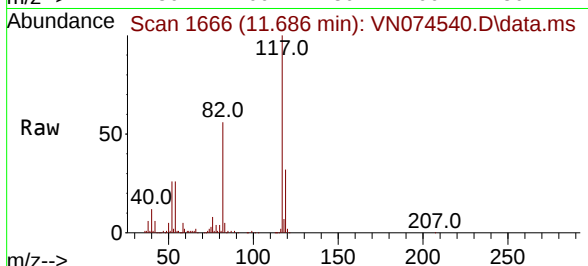




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: VN074540.D  
Acq: 17 Sep 2022 04:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 521182 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.5  | 44.2  | 66.2   |
| 119      | 31.8  | 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: VN074540.D  
Acq: 17 Sep 2022 04:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 231602 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 61.6  | 28.9  | 86.7   |
| 150      | 155.8 | 0.0   | 356.2  |

