

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123021\  
 Data File : VN070401.D  
 Acq On : 30 Dec 2021 15:58  
 Operator : JC/MD  
 Sample : M5212-07  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FB122121

Quant Time: Dec 31 05:20:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

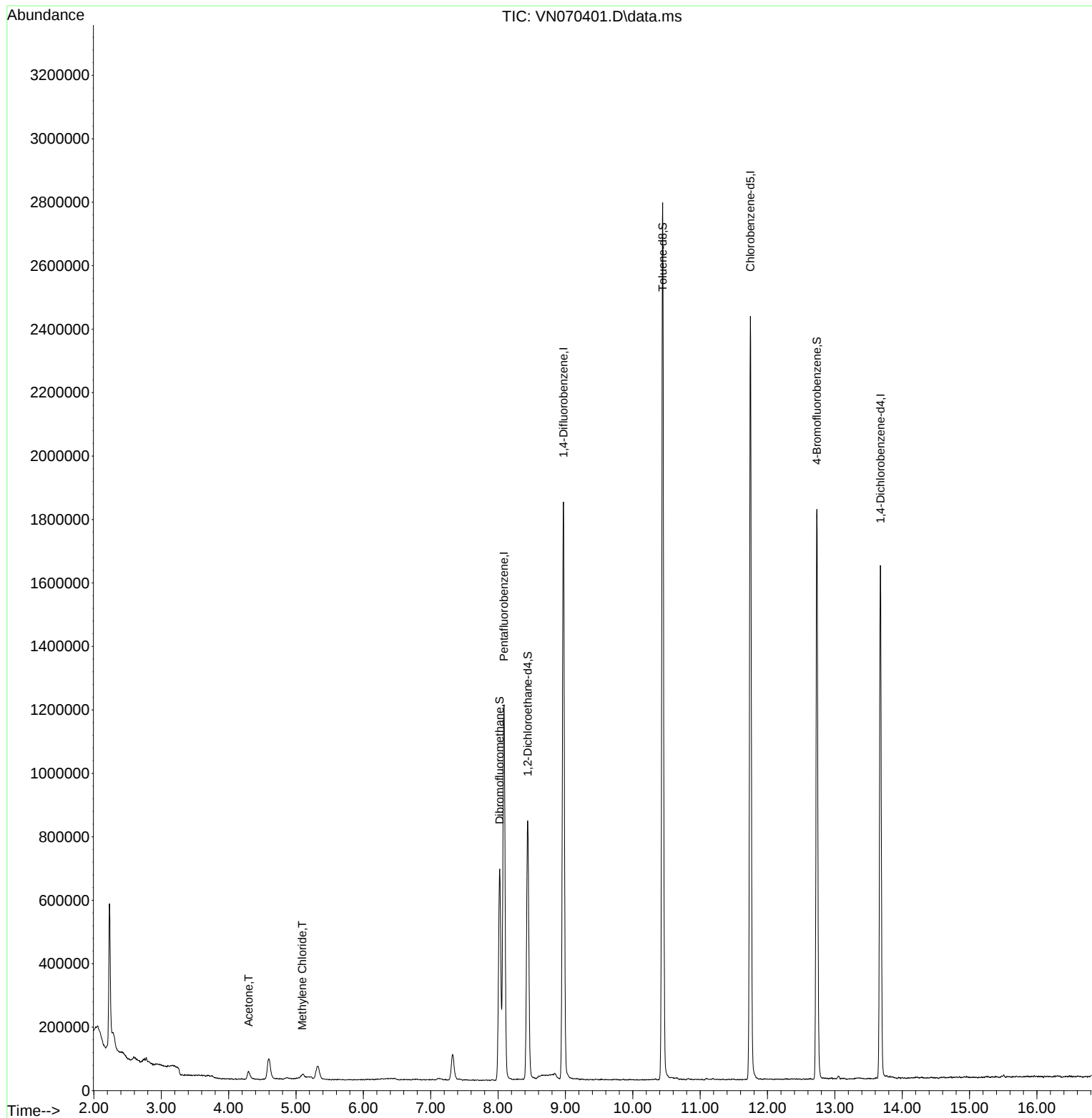
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 8.088          | 168  | 908620              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971          | 114  | 1557949             | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.746         | 117  | 1386422             | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678         | 152  | 447784              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 697417              | 53.384 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 106.760% |        |       |          |
| 35) Dibromofluoromethane    | 8.024          | 113  | 492216              | 52.217 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 104.440% |        |       |          |
| 50) Toluene-d8              | 10.443         | 98   | 1879184             | 48.800 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 97.600%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.733         | 95   | 648384              | 46.619 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 93.240%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 4.296          | 43   | 43130               | 5.086  | ug/l  | 98       |
| 20) Methylene Chloride      | 5.093          | 84   | 7175                | 0.611  | ug/l  | 95       |
| -----                       |                |      |                     |        |       |          |

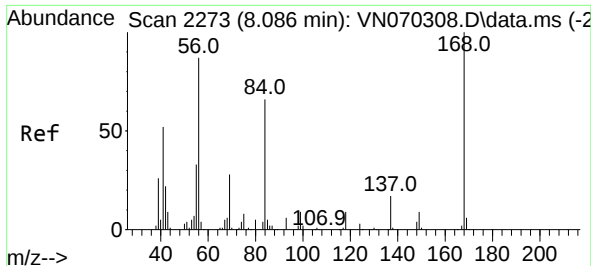
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M5212-07  
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration

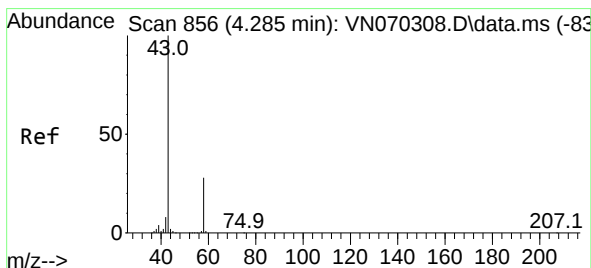
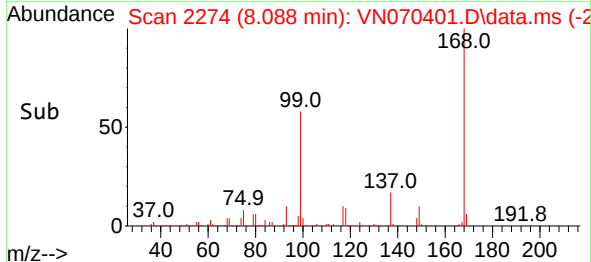
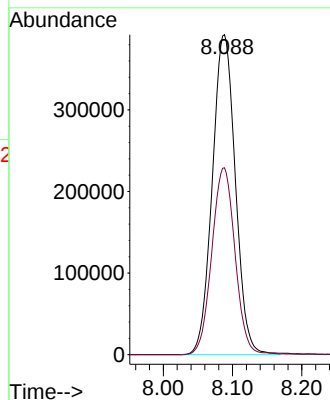
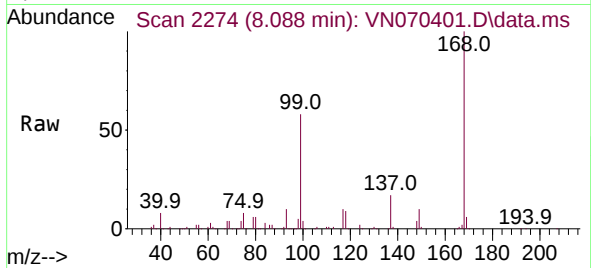




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: VN070401.D  
Acq: 30 Dec 2021 15:58

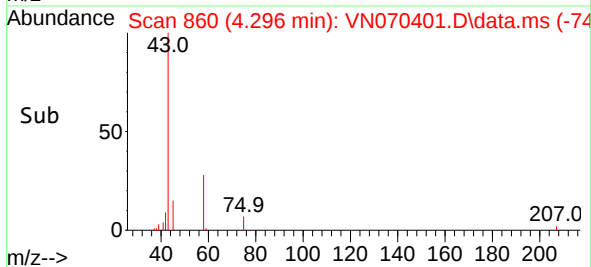
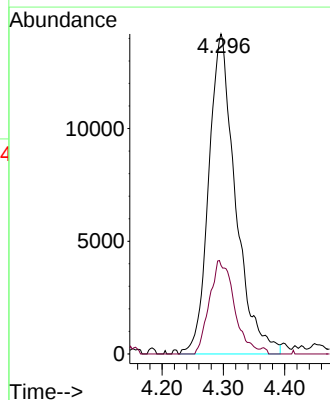
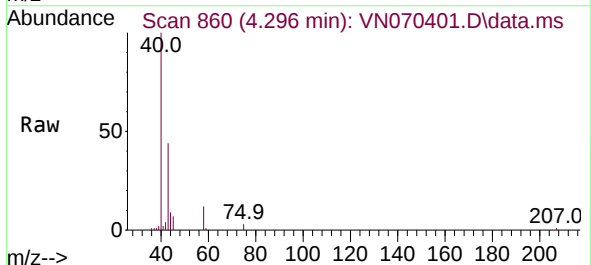
Instrument :  
MSVOA\_N  
ClientSampleId :  
FB122121

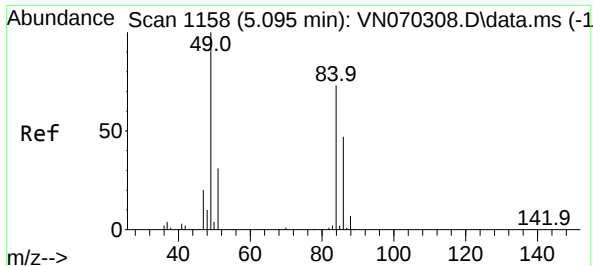
Tgt Ion:168 Resp: 908620  
Ion Ratio Lower Upper  
168 100  
99 58.4 41.3 61.9



#16  
Acetone  
Concen: 5.086 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.011 min  
Lab File: VN070401.D  
Acq: 30 Dec 2021 15:58

Tgt Ion: 43 Resp: 43130  
Ion Ratio Lower Upper  
43 100  
58 27.7 23.1 34.7





#20

Methylene Chloride

Concen: 0.611 ug/l

RT: 5.093 min Scan# 1158

Delta R.T. -0.002 min

Lab File: VN070401.D

Acq: 30 Dec 2021 15:58

Instrument :

MSVOA\_N

ClientSampleId :

FB122121

Tgt Ion: 84 Resp: 7175

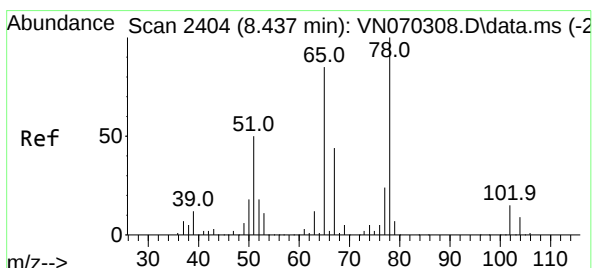
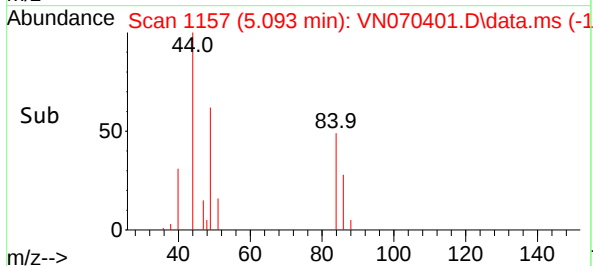
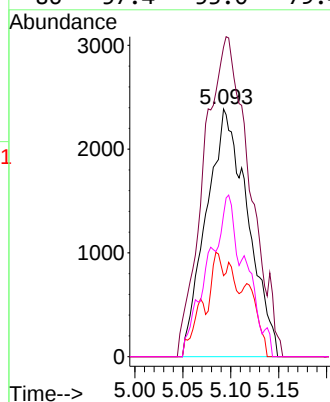
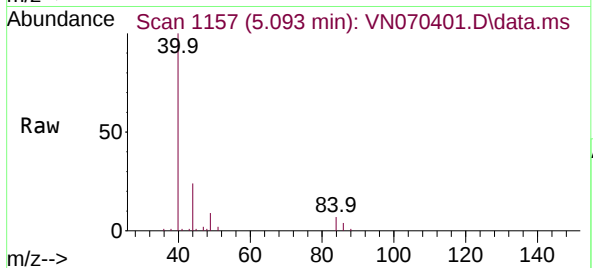
Ion Ratio Lower Upper

84 100

49 118.5 93.5 140.3

51 32.7 29.4 44.2

86 57.4 53.0 79.4



#33

1,2-Dichloroethane-d4

Concen: 53.384 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070401.D

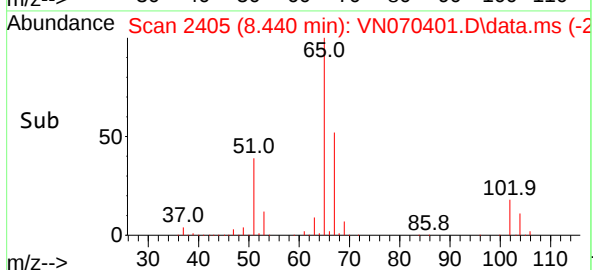
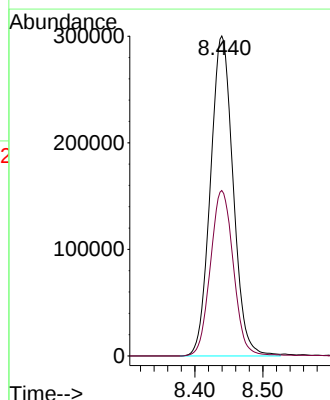
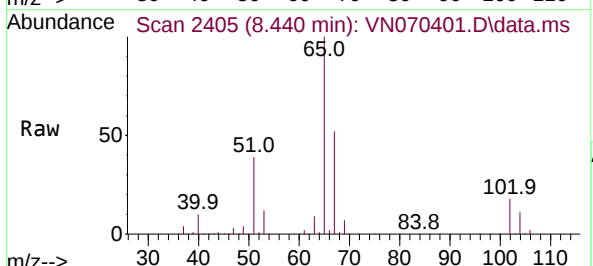
Acq: 30 Dec 2021 15:58

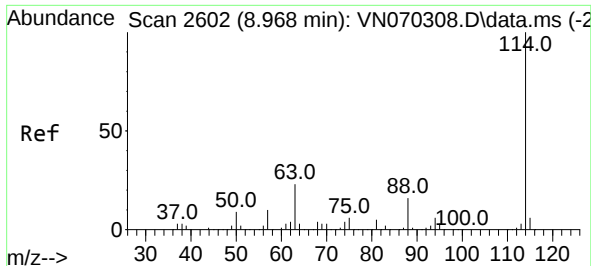
Tgt Ion: 65 Resp: 697417

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070401.D

Acq: 30 Dec 2021 15:58

Instrument :

MSVOA\_N

ClientSampleId :

FB122121

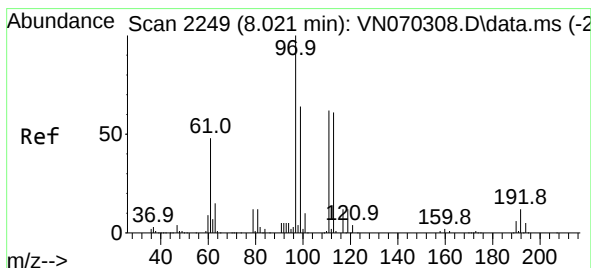
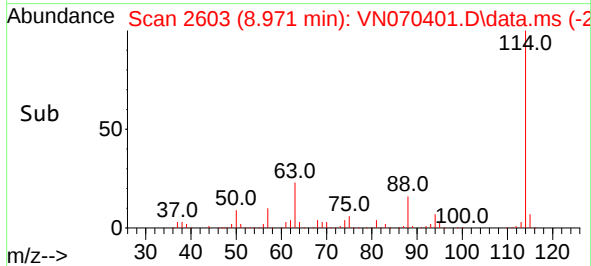
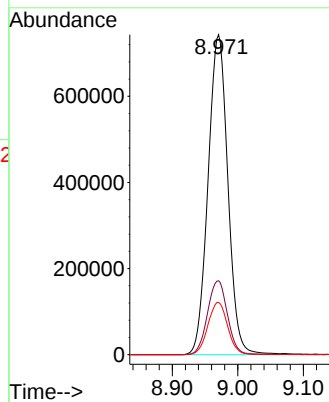
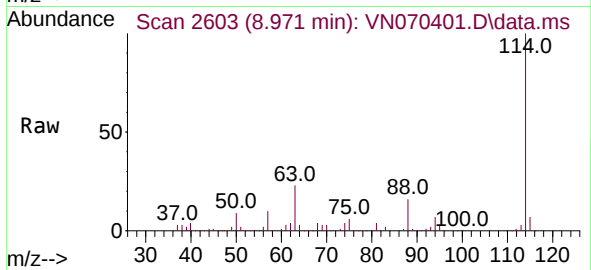
Tgt Ion:114 Resp: 1557949

Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 52.217 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN070401.D

Acq: 30 Dec 2021 15:58

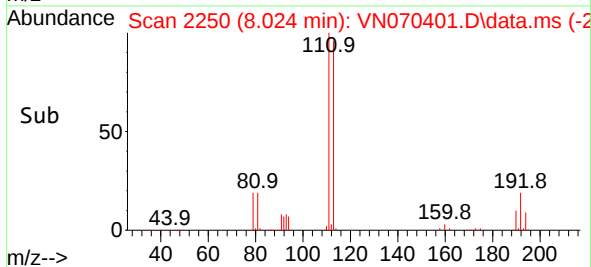
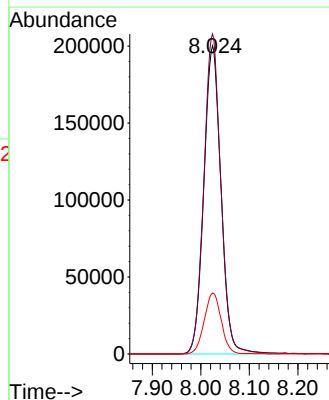
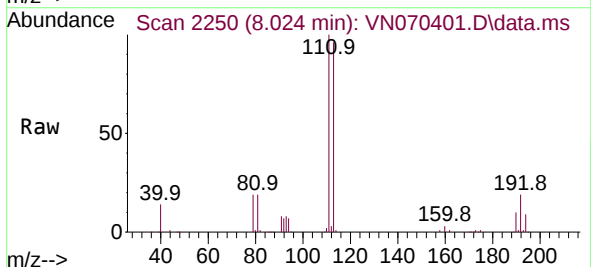
Tgt Ion:113 Resp: 492216

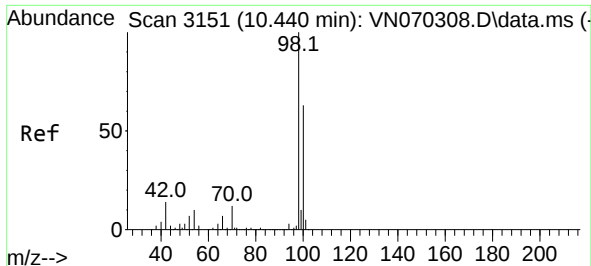
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 19.6 16.9 25.3

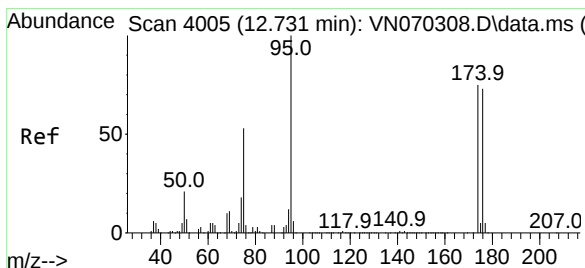
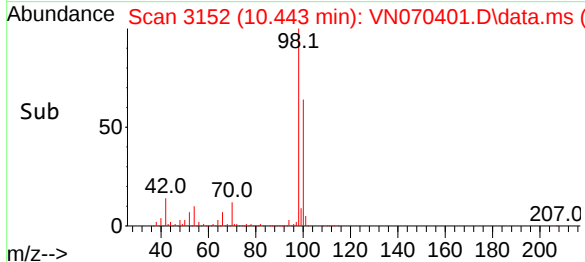
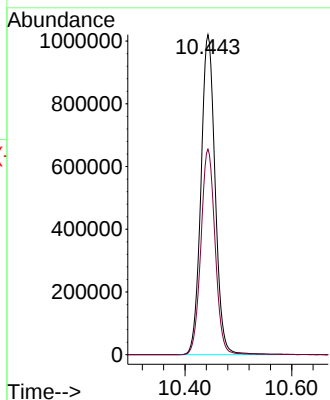
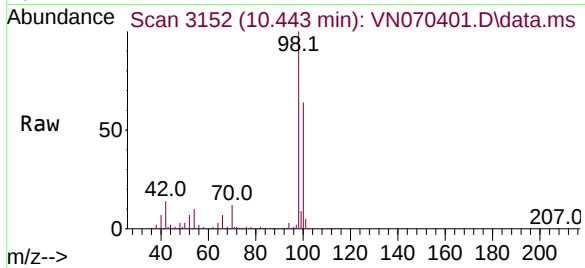




#50  
Toluene-d8  
Concen: 48.800 ug/l  
RT: 10.443 min Scan# 3151  
Delta R.T. 0.003 min  
Lab File: VN070401.D  
Acq: 30 Dec 2021 15:58

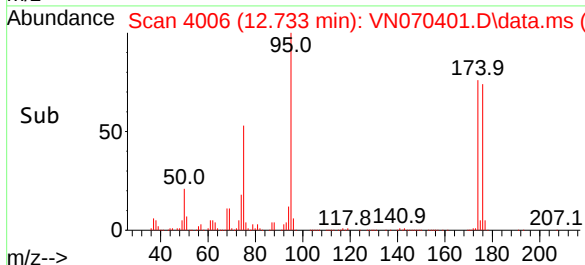
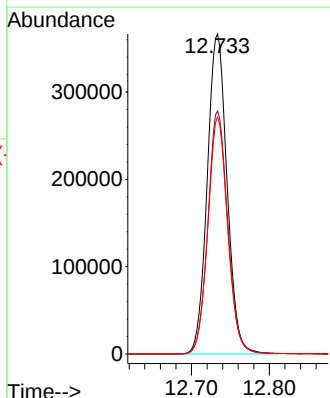
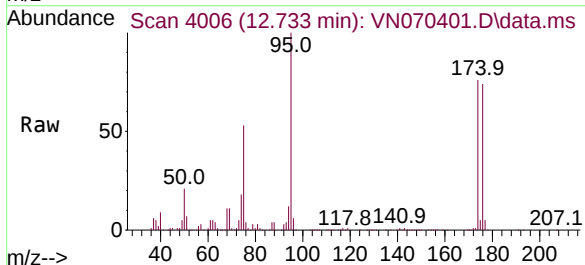
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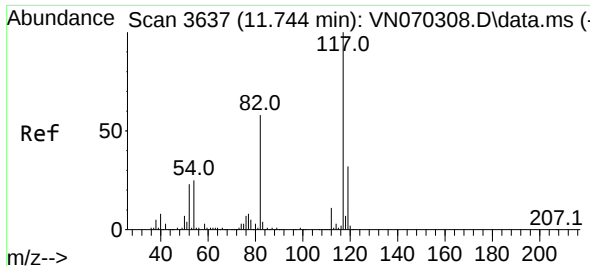
Tgt Ion: 98 Resp: 1879184  
Ion Ratio Lower Upper  
98 100  
100 64.5 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 46.619 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.002 min  
Lab File: VN070401.D  
Acq: 30 Dec 2021 15:58

Tgt Ion: 95 Resp: 648384  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 187.2  
176 73.7 0.0 181.4

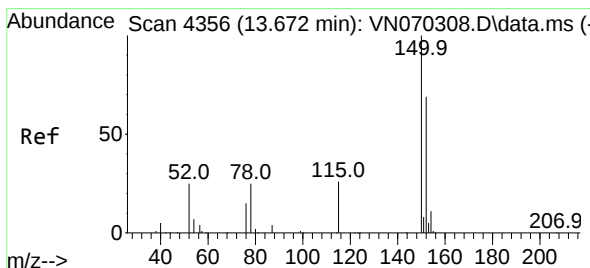
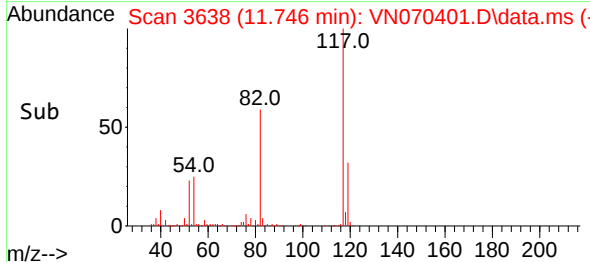
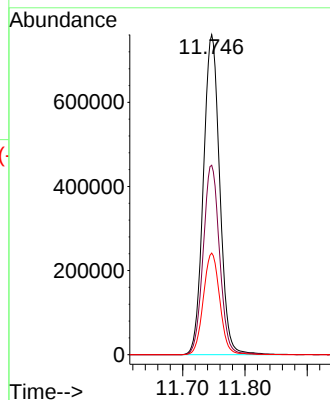
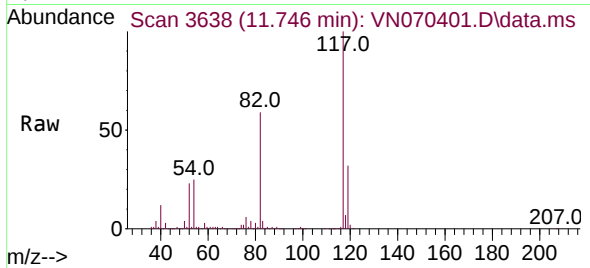




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3637  
Delta R.T. 0.002 min  
Lab File: VN070401.D  
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Instrument :  
MSVOA\_N  
ClientSampleId :  
FB122121

Tgt Ion:117 Resp: 1386422  
Ion Ratio Lower Upper  
117 100  
82 59.2 42.4 63.6  
119 31.7 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.006 min  
Lab File: VN070401.D  
Acq: 30 Dec 2021 15:58

Tgt Ion:152 Resp: 447784  
Ion Ratio Lower Upper  
152 100  
115 59.6 27.5 82.5  
150 155.7 0.0 344.4

