

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120921\  
 Data File : VN069936.D  
 Acq On : 10 Dec 2021 2:31  
 Operator : JC/MD  
 Sample : PB141262ZHE#02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB141262ZHE#02

Quant Time: Dec 10 08:12:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

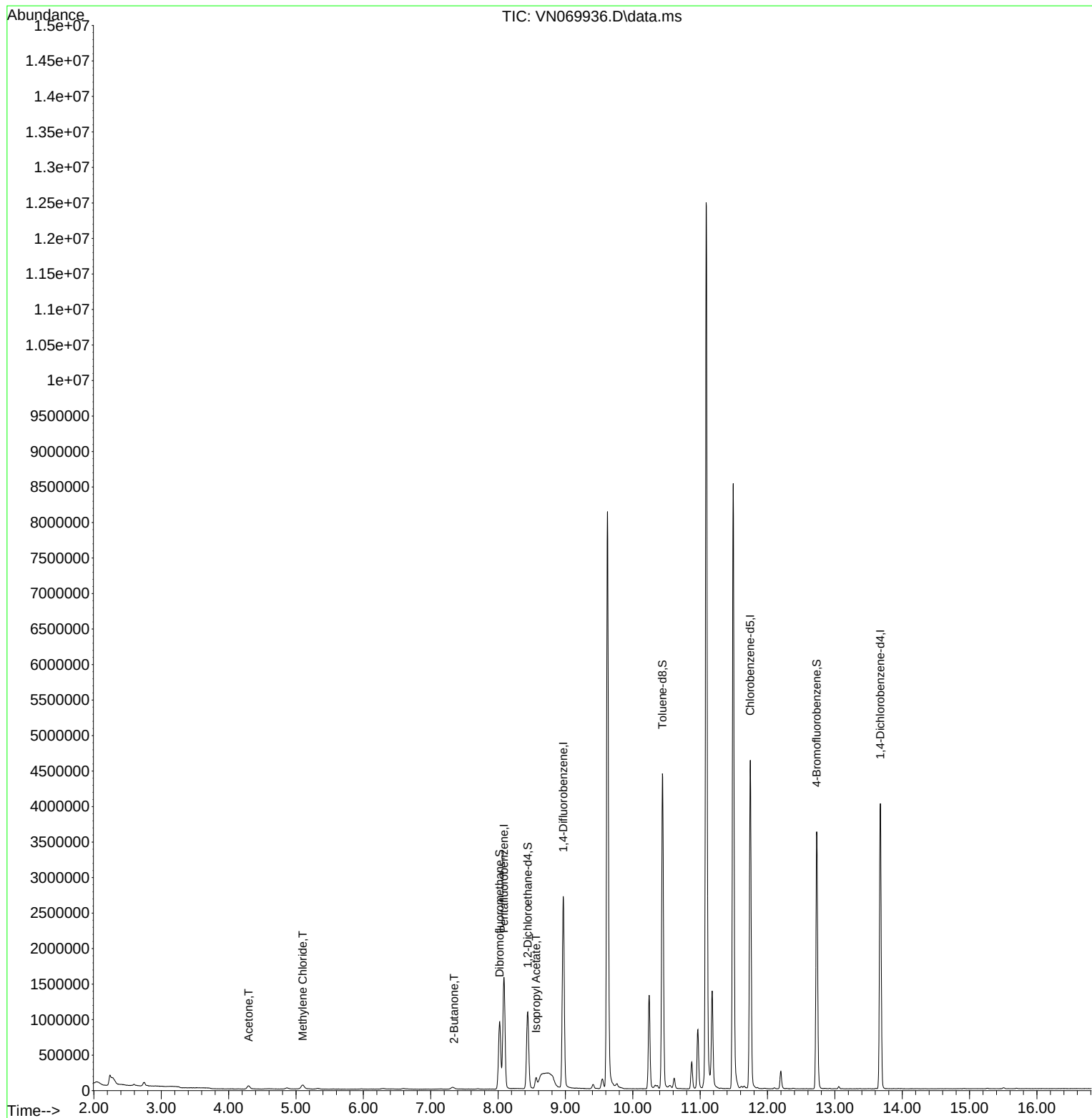
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.088     | 168   | 1179108  | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968     | 114   | 2242611  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.744    | 117   | 2556311  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675    | 152   | 1054944  | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 936538   | 51.443   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =      | 102.880% |
| 35) Dibromofluoromethane    | 8.024     | 113   | 683736   | 48.674   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =      | 97.340%  |
| 50) Toluene-d8              | 10.440    | 98    | 2988333  | 52.981   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =      | 105.960% |
| 62) 4-Bromofluorobenzene    | 12.731    | 95    | 1249508  | 61.148   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =      | 122.300% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.296     | 43    | 85272    | 7.786    | ug/l   | 96       |
| 20) Methylene Chloride      | 5.098     | 84    | 39337    | 2.702    | ug/l # | 86       |
| 25) 2-Butanone              | 7.348     | 43    | 16010    | 1.076    | ug/l   | 90       |
| 43) Isopropyl Acetate       | 8.566     | 43    | 186584   | 3.968    | ug/l # | 81       |
| -----                       |           |       |          |          |        |          |

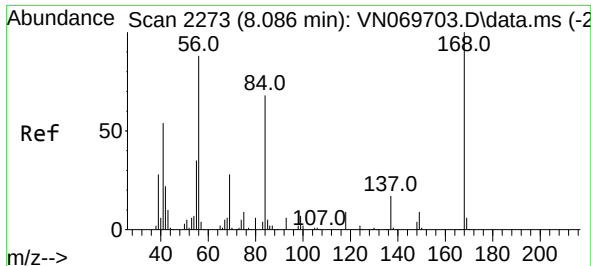
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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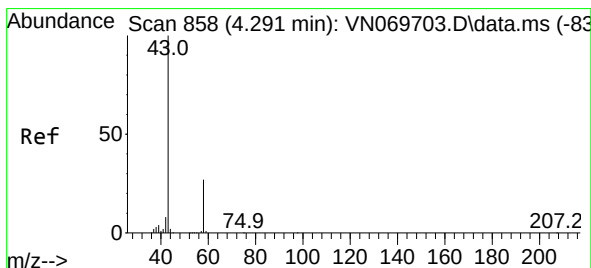
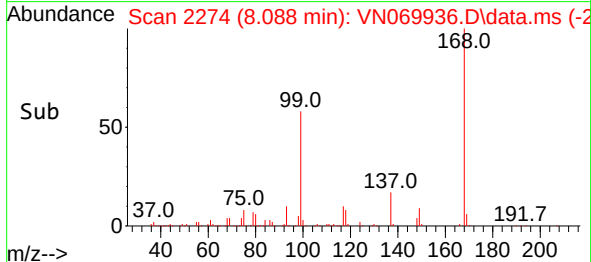
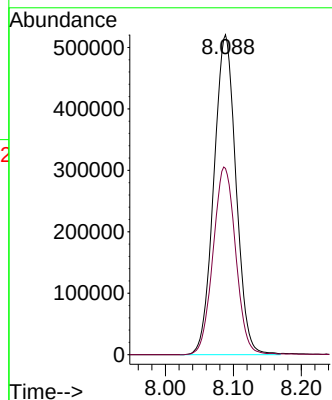
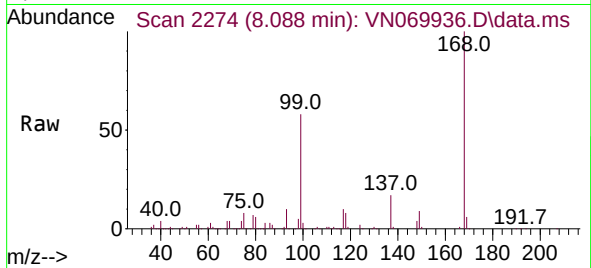




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: VN069936.D  
Acq: 10 Dec 2021 2:31

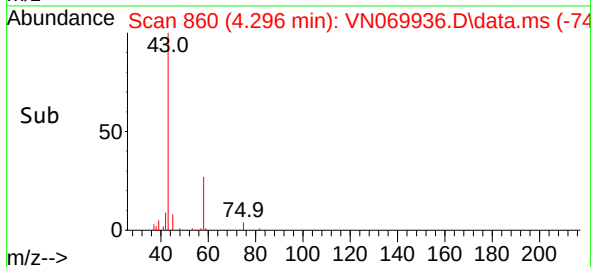
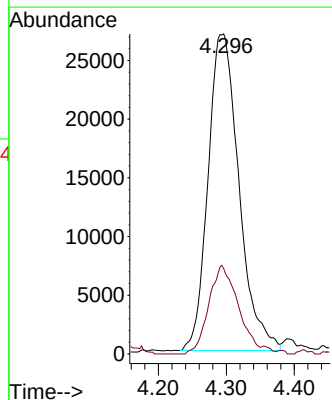
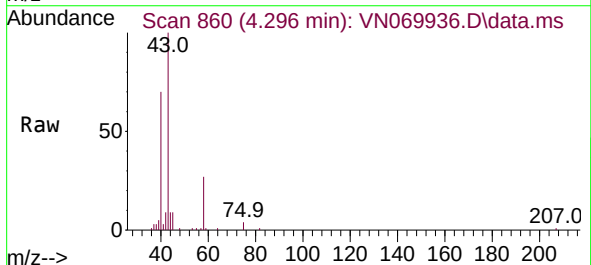
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB141262ZHE#02

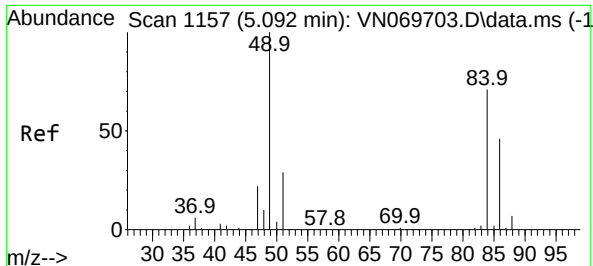
Tgt Ion:168 Resp: 1179108  
Ion Ratio Lower Upper  
168 100  
99 58.2 41.3 61.9



#16  
Acetone  
Concen: 7.786 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.005 min  
Lab File: VN069936.D  
Acq: 10 Dec 2021 2:31

Tgt Ion: 43 Resp: 85272  
Ion Ratio Lower Upper  
43 100  
58 27.0 23.1 34.7





#20

Methylene Chloride

Concen: 2.702 ug/l

RT: 5.098 min Scan# 1157

Delta R.T. 0.005 min

Lab File: VN069936.D

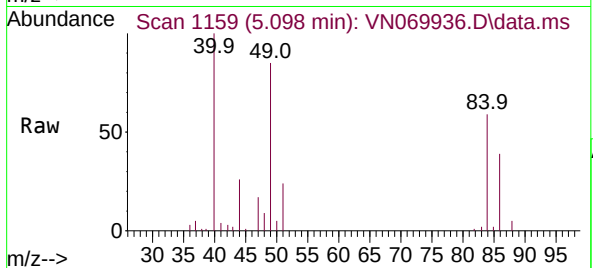
Acq: 10 Dec 2021 2:31

Instrument :

MSVOA\_N

ClientSampleId :

PB141262ZHE#02



Tgt Ion: 84 Resp: 39337

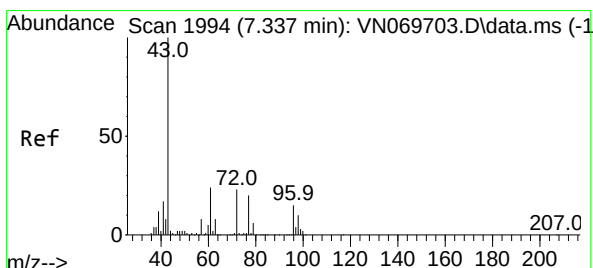
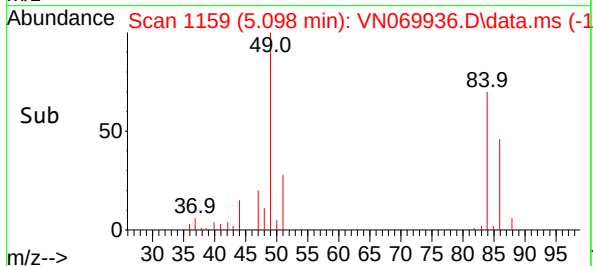
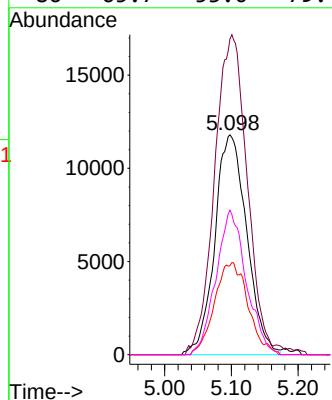
Ion Ratio Lower Upper

84 100

49 143.7 93.5 140.3#

51 40.6 29.4 44.2

86 65.7 53.0 79.4



#25

2-Butanone

Concen: 1.076 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.011 min

Lab File: VN069936.D

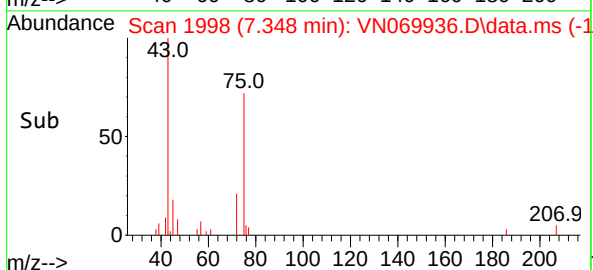
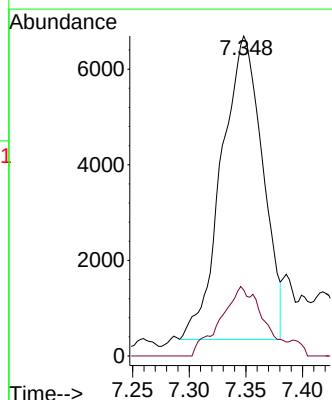
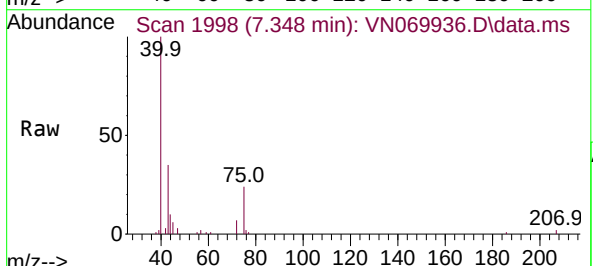
Acq: 10 Dec 2021 2:31

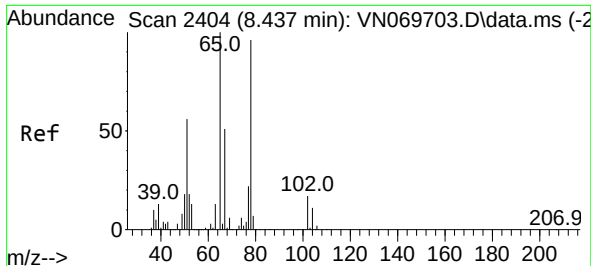
Tgt Ion: 43 Resp: 16010

Ion Ratio Lower Upper

43 100

72 21.7 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 51.443 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069936.D

Acq: 10 Dec 2021 2:31

Instrument :

MSVOA\_N

ClientSampleId :

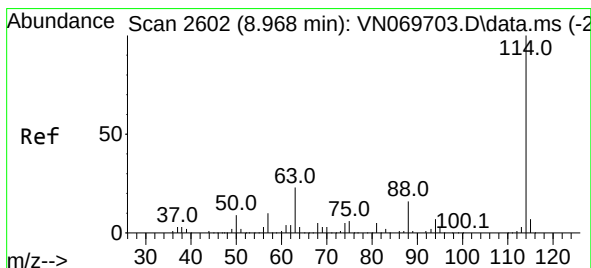
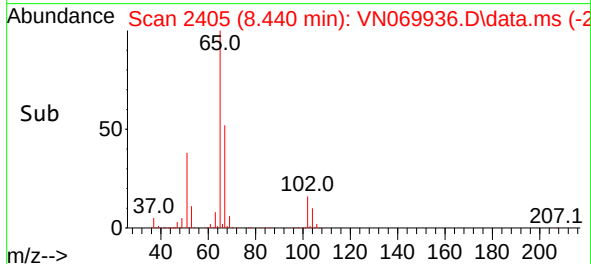
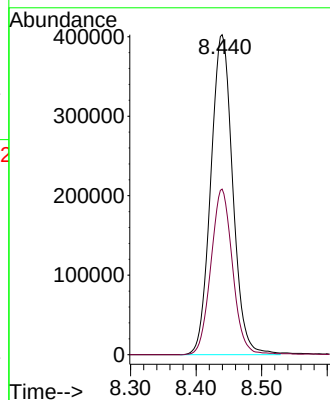
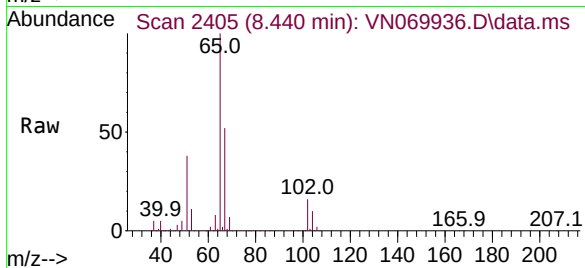
PB141262ZHE#02

Tgt Ion: 65 Resp: 936538

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069936.D

Acq: 10 Dec 2021 2:31

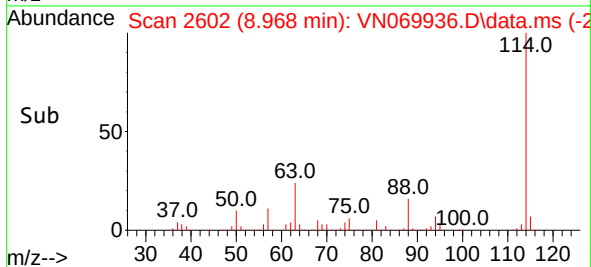
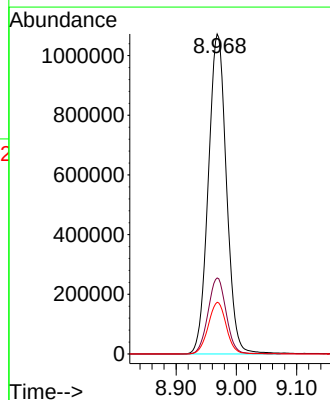
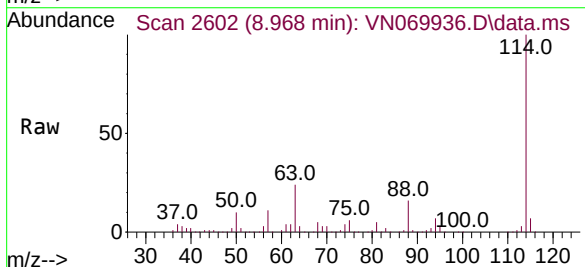
Tgt Ion: 114 Resp: 2242611

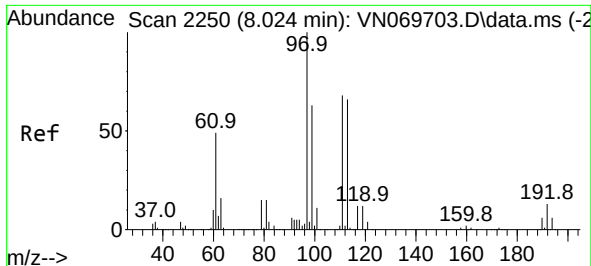
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.1 0.0 27.4

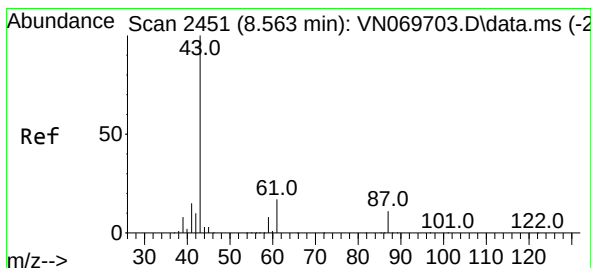
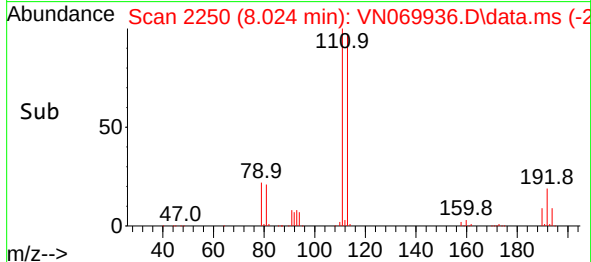
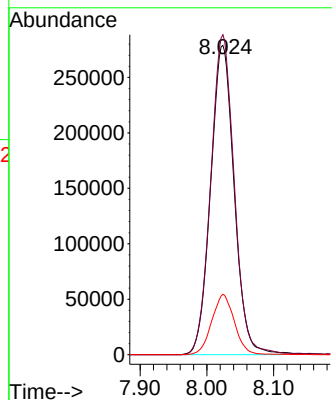
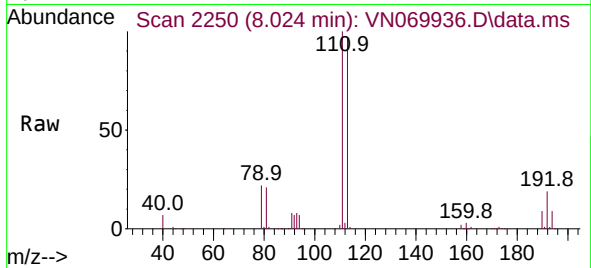




#35  
Dibromofluoromethane  
Concen: 48.674 ug/l  
RT: 8.024 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN069936.D  
Acq: 10 Dec 2021 2:31

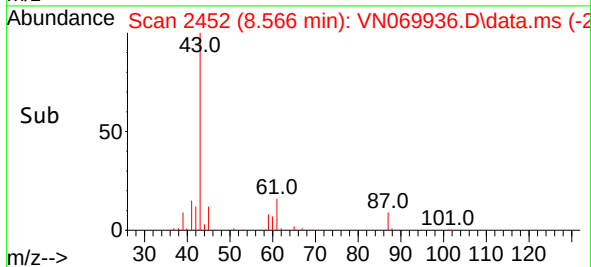
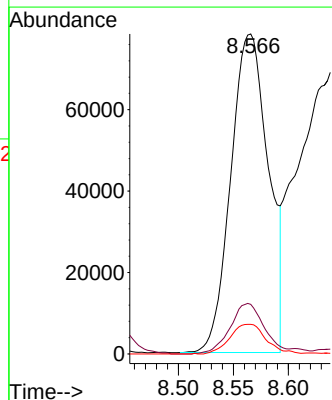
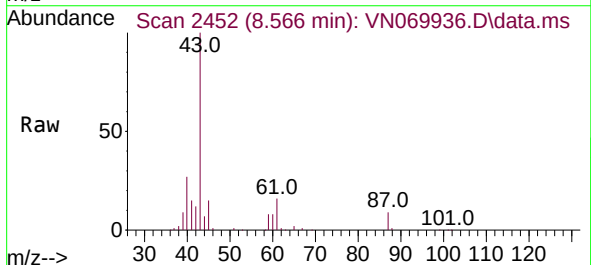
Instrument :  
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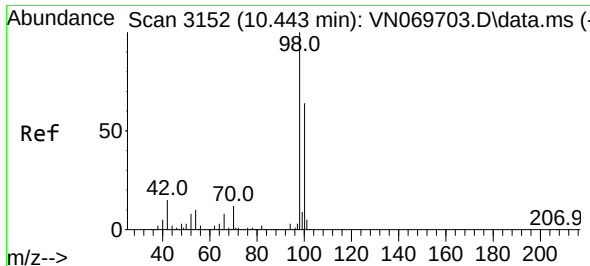
Tgt Ion:113 Resp: 683736  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.2 123.2  
192 18.7 16.9 25.3



#43  
Isopropyl Acetate  
Concen: 3.968 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.003 min  
Lab File: VN069936.D  
Acq: 10 Dec 2021 2:31

Tgt Ion: 43 Resp: 186584  
Ion Ratio Lower Upper  
43 100  
61 14.4 20.4 30.6#  
87 8.9 11.2 16.8#

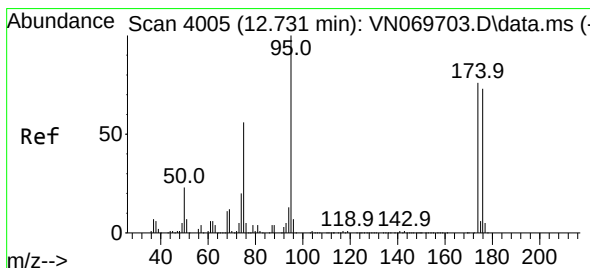
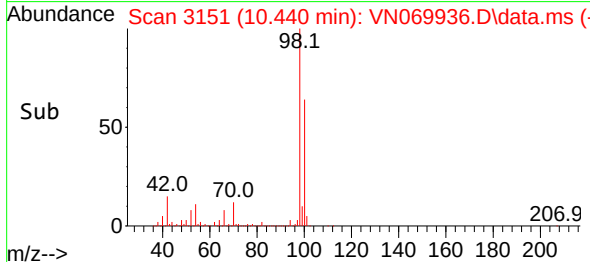
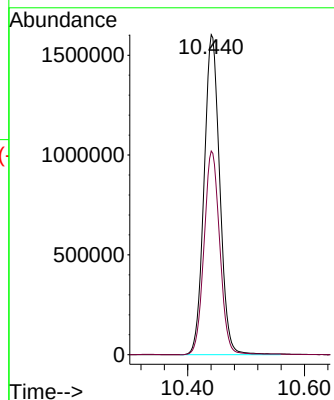
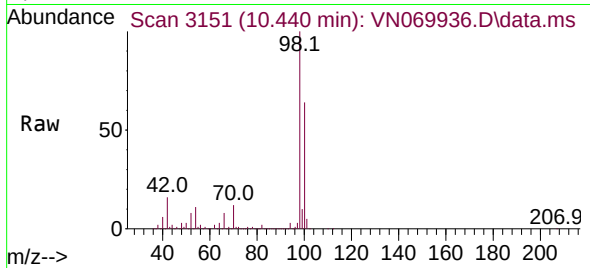




#50  
Toluene-d8  
Concen: 52.981 ug/l  
RT: 10.440 min Scan# 3152  
Delta R.T. -0.003 min  
Lab File: VN069936.D  
Acq: 10 Dec 2021 2:31

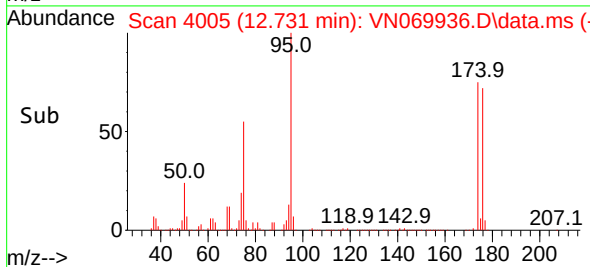
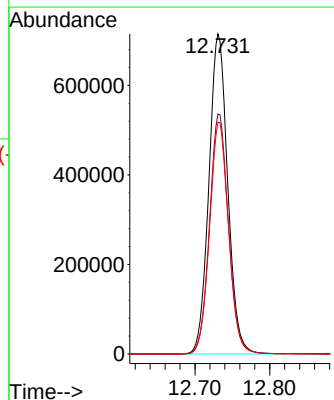
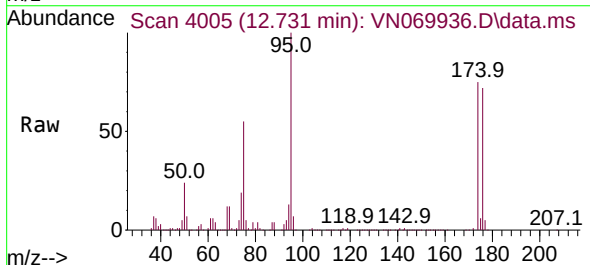
Instrument :  
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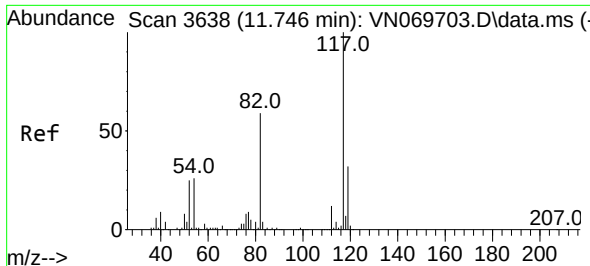
Tgt Ion: 98 Resp: 2988333  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 61.148 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN069936.D  
Acq: 10 Dec 2021 2:31

Tgt Ion: 95 Resp: 1249508  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 187.2  
176 73.0 0.0 181.4

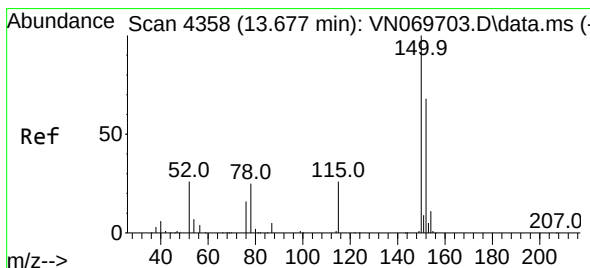
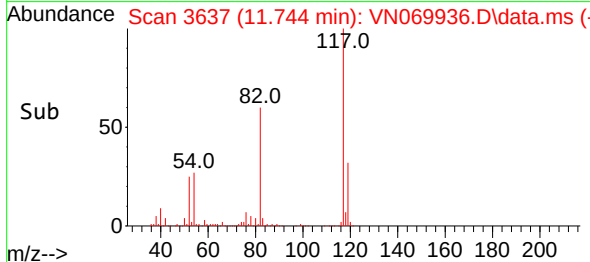
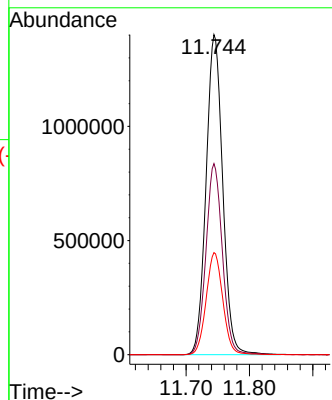
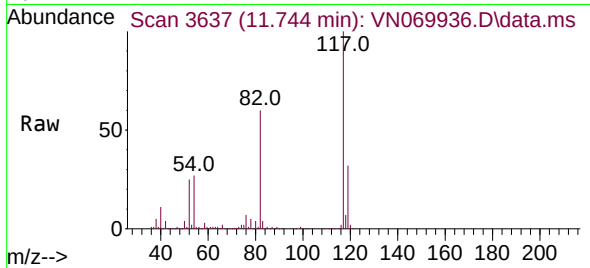




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3637  
Delta R.T. -0.002 min  
Lab File: VN069936.D  
Acq: 10 Dec 2021 2:31

Instrument :  
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PB141262ZHE#02

Tgt Ion:117 Resp: 2556311  
Ion Ratio Lower Upper  
117 100  
82 59.7 42.4 63.6  
119 31.9 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.003 min  
Lab File: VN069936.D  
Acq: 10 Dec 2021 2:31

Tgt Ion:152 Resp: 1054944  
Ion Ratio Lower Upper  
152 100  
115 61.3 27.5 82.5  
150 158.0 0.0 344.4

