

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012122\  
 Data File : VN070741.D  
 Acq On : 21 Jan 2022 19:22  
 Operator : JC/MD  
 Sample : N1224-08  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AREA-2-COMPOSITE

Quant Time: Jan 22 05:30:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

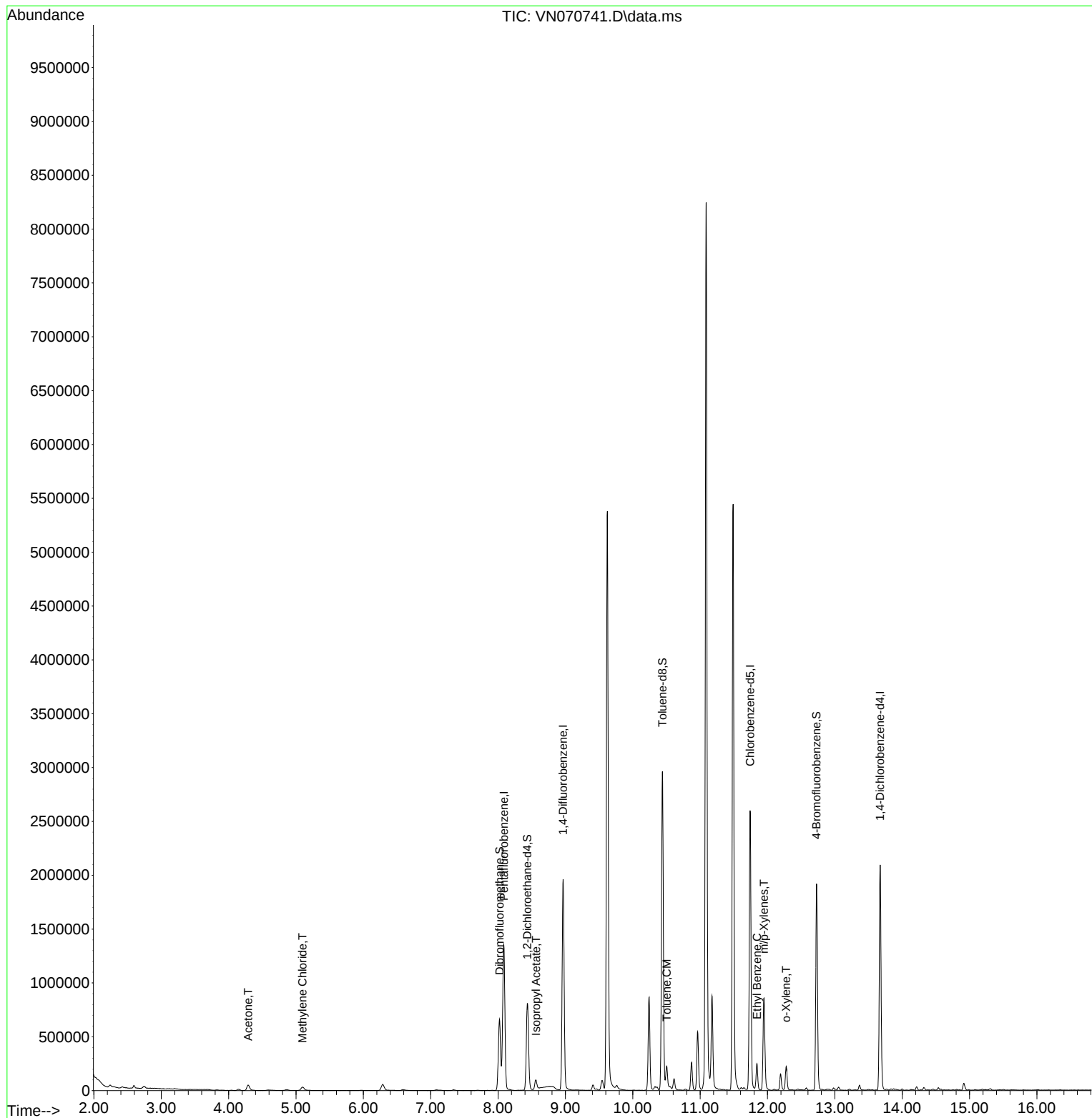
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.086  | 168   | 1030704  | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.965  | 114   | 1668917  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.741 | 117   | 1504773  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.672 | 152   | 576594   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 709637   | 48.041   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 96.080%  |
| 35) Dibromofluoromethane    | 8.021  | 113   | 485494   | 46.897   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 93.800%  |
| 50) Toluene-d8              | 10.440 | 98    | 2076402  | 47.611   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 95.220%  |
| 62) 4-Bromofluorobenzene    | 12.728 | 95    | 703434   | 45.264   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 90.520%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.288  | 43    | 95085    | 9.274    | ug/l   | 93       |
| 20) Methylene Chloride      | 5.095  | 84    | 23152    | 1.714    | ug/l # | 83       |
| 43) Isopropyl Acetate       | 8.563  | 43    | 120719   | 3.416    | ug/l # | 86       |
| 52) Toluene                 | 10.502 | 92    | 91875    | 2.844    | ug/l   | 97       |
| 67) Ethyl Benzene           | 11.843 | 91    | 171215   | 2.833    | ug/l   | 96       |
| 68) m/p-Xylenes             | 11.948 | 106   | 268974   | 12.232   | ug/l   | 91       |
| 69) o-Xylene                | 12.278 | 106   | 61004    | 2.796    | ug/l   | 90       |
| -----                       |        |       |          |          |        |          |

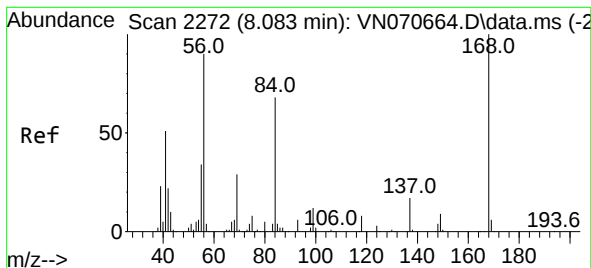
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jan 18 13:32:07 2022  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070741.D

Acq: 21 Jan 2022 19:22

Instrument :

MSVOA\_N

ClientSampleId :

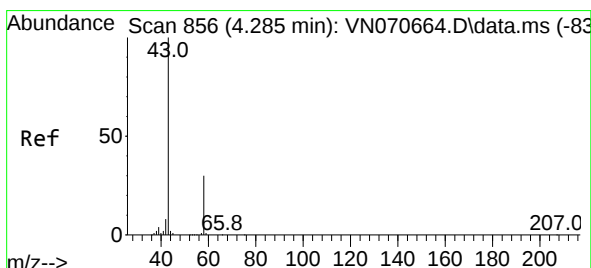
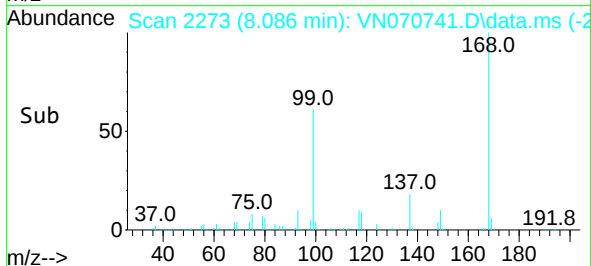
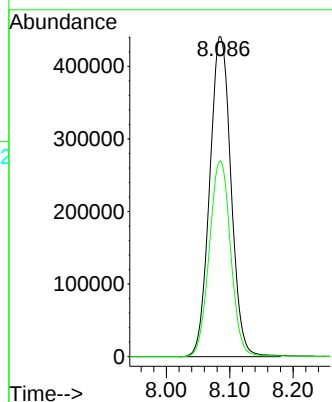
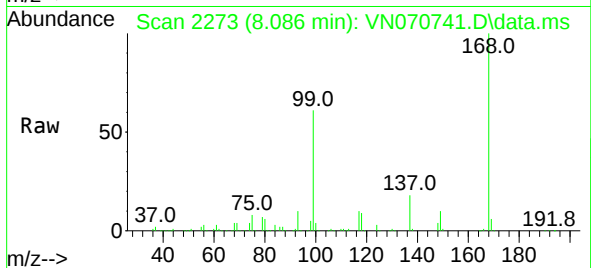
AREA-2-COMPOSITE

Tgt Ion:168 Resp: 1030704

Ion Ratio Lower Upper

168 100

99 61.2 41.3 61.9



#16

Acetone

Concen: 9.274 ug/l

RT: 4.288 min Scan# 857

Delta R.T. 0.003 min

Lab File: VN070741.D

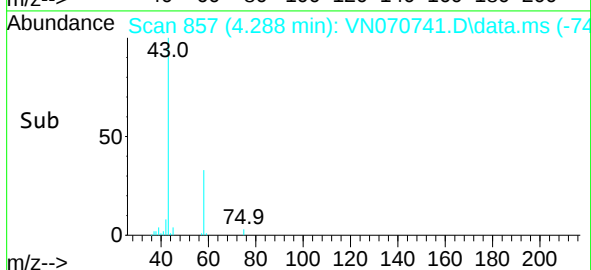
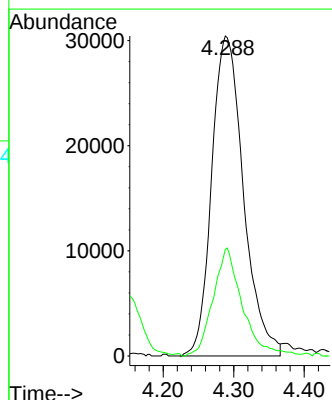
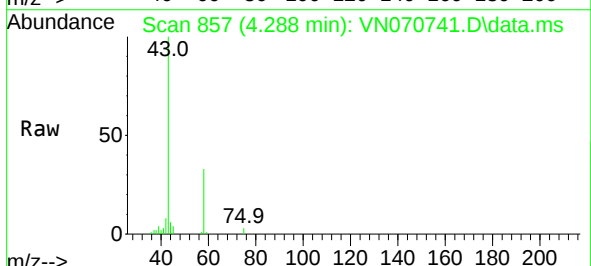
Acq: 21 Jan 2022 19:22

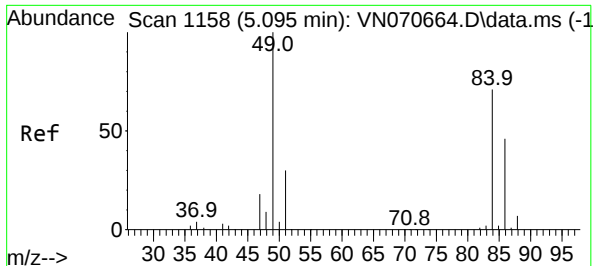
Tgt Ion: 43 Resp: 95085

Ion Ratio Lower Upper

43 100

58 32.7 23.1 34.7





#20

Methylene Chloride

Concen: 1.714 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070741.D

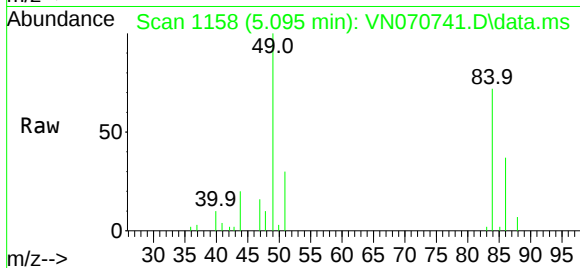
Acq: 21 Jan 2022 19:22

Instrument :

MSVOA\_N

ClientSampleId :

AREA-2-COMPOSITE



Tgt Ion: 84 Resp: 23152

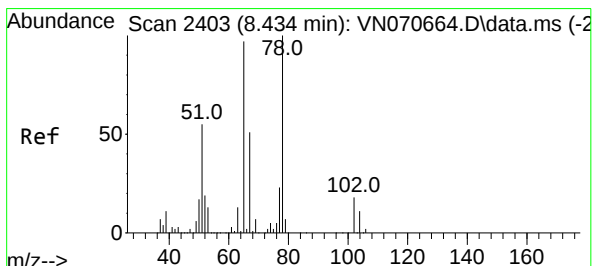
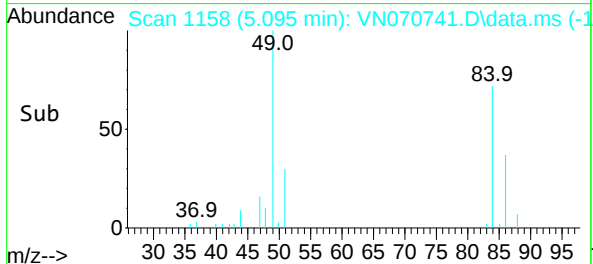
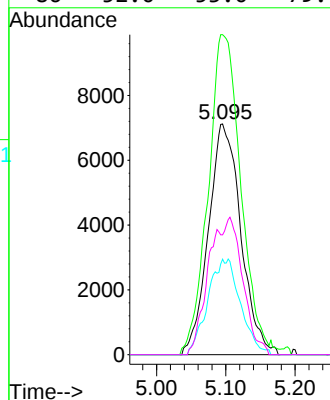
Ion Ratio Lower Upper

84 100

49 138.7 93.5 140.3

51 41.4 29.4 44.2

86 52.0 53.0 79.4#



#33

1,2-Dichloroethane-d4

Concen: 48.041 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. 0.000 min

Lab File: VN070741.D

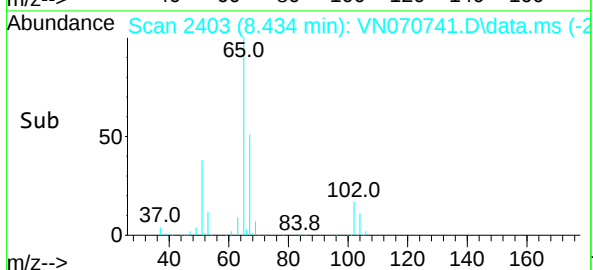
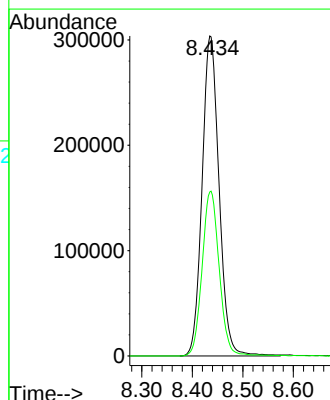
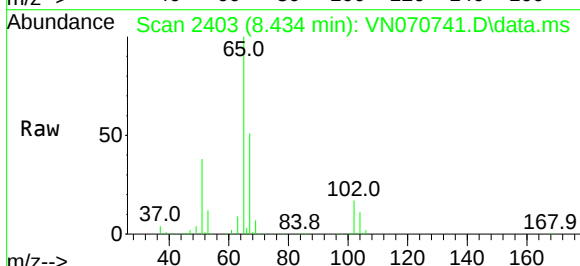
Acq: 21 Jan 2022 19:22

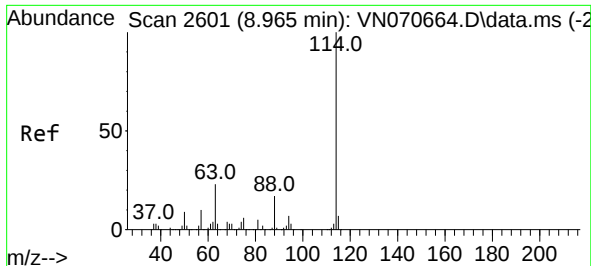
Tgt Ion: 65 Resp: 709637

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.0

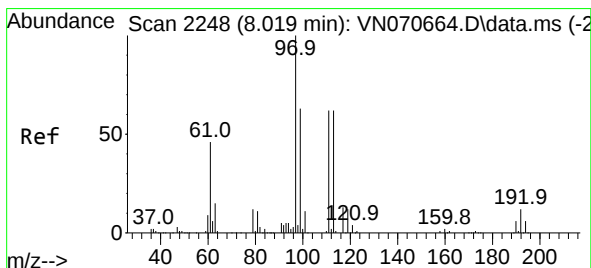
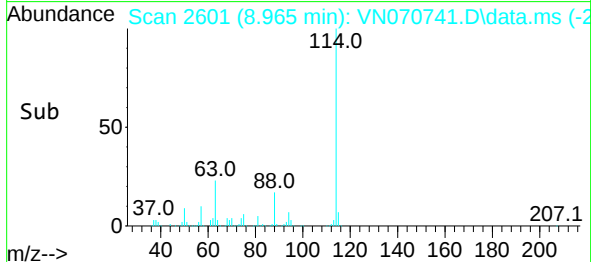
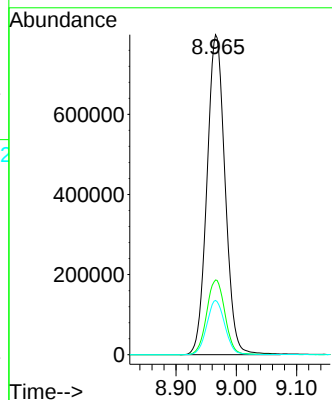
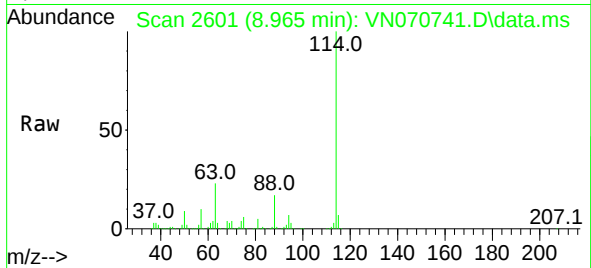




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.965 min Scan# 2601  
Delta R.T. 0.000 min  
Lab File: VN070741.D  
Acq: 21 Jan 2022 19:22

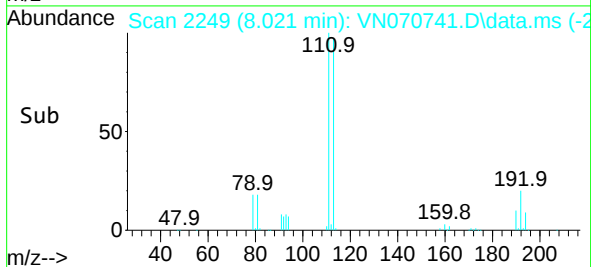
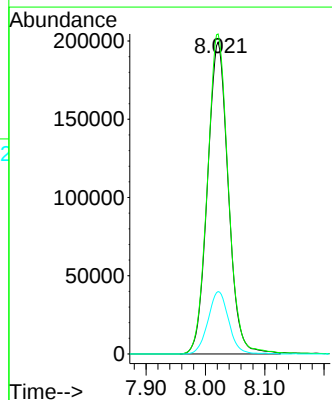
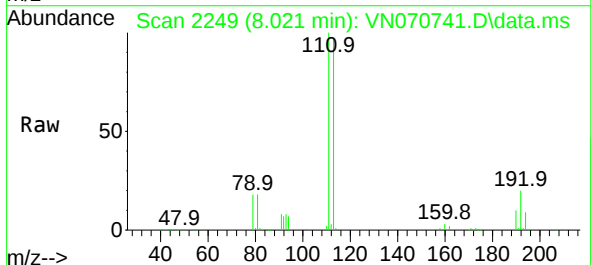
Instrument :  
MSVOA\_N  
ClientSampleId :  
AREA-2-COMPOSITE

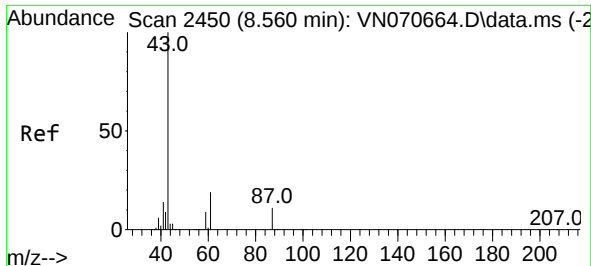
Tgt Ion:114 Resp: 1668917  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 37.8  
88 17.0 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 46.897 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.002 min  
Lab File: VN070741.D  
Acq: 21 Jan 2022 19:22

Tgt Ion:113 Resp: 485494  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.2 123.2  
192 19.8 16.9 25.3

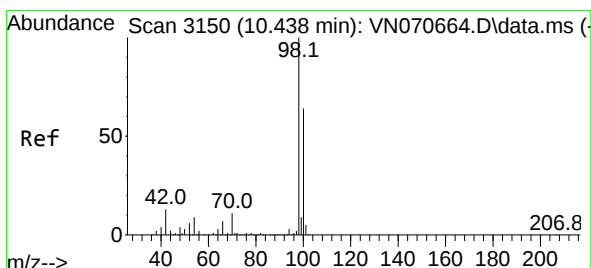
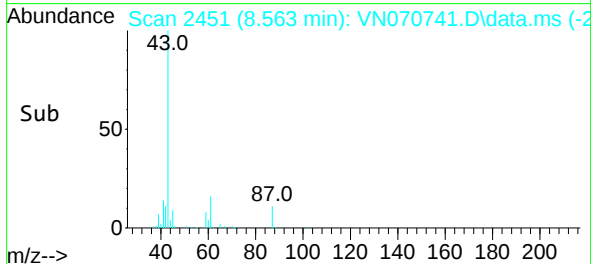
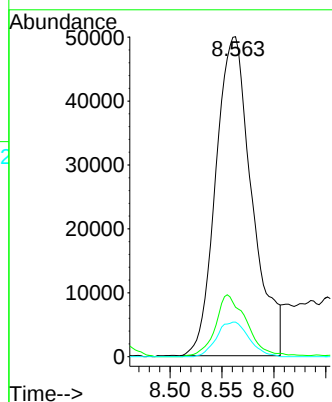
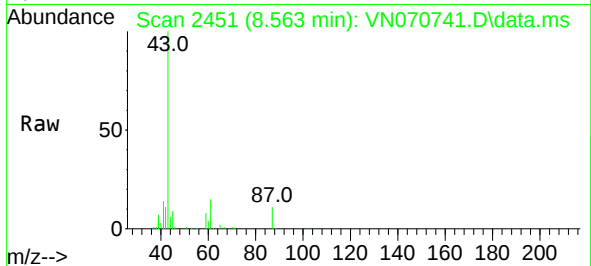




#43  
Isopropyl Acetate  
Concen: 3.416 ug/l  
RT: 8.563 min Scan# 2450  
Delta R.T. 0.003 min  
Lab File: VN070741.D  
Acq: 21 Jan 2022 19:22

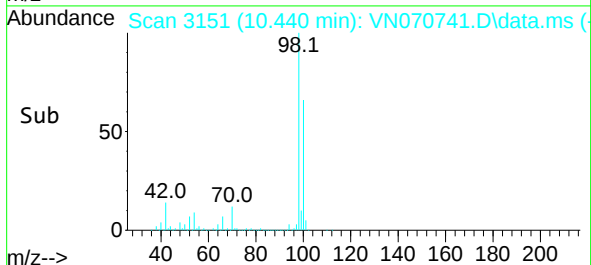
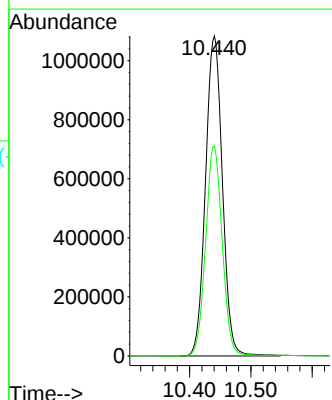
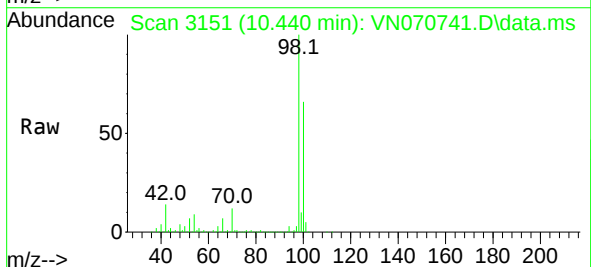
Instrument :  
MSVOA\_N  
ClientSampleId :  
AREA-2-COMPOSITE

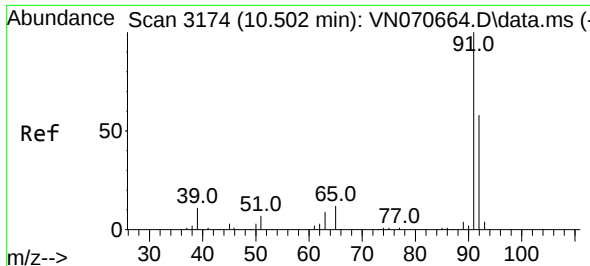
Tgt Ion: 43 Resp: 120719  
Ion Ratio Lower Upper  
43 100  
61 17.1 20.4 30.6#  
87 9.7 11.2 16.8#



#50  
Toluene-d8  
Concen: 47.611 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. 0.002 min  
Lab File: VN070741.D  
Acq: 21 Jan 2022 19:22

Tgt Ion: 98 Resp: 2076402  
Ion Ratio Lower Upper  
98 100  
100 64.5 50.4 75.6

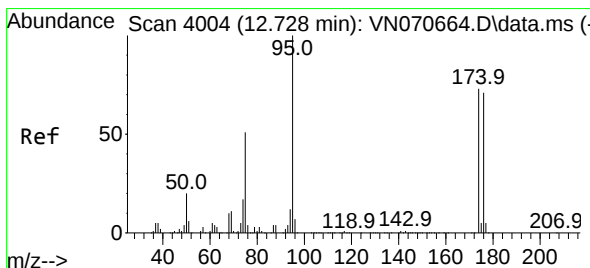
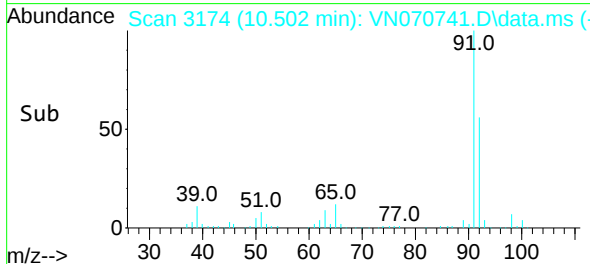
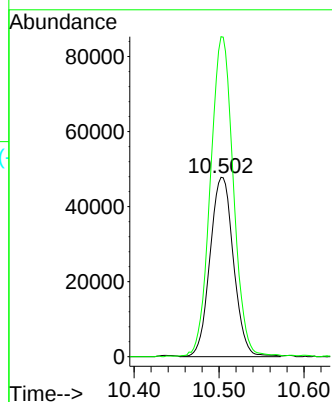
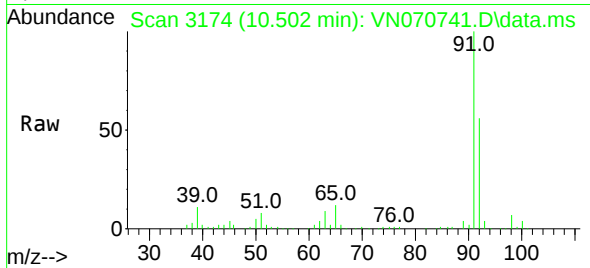




#52  
Toluene  
Concen: 2.844 ug/l  
RT: 10.502 min Scan# 3174  
Delta R.T. 0.000 min  
Lab File: VN070741.D  
Acq: 21 Jan 2022 19:22

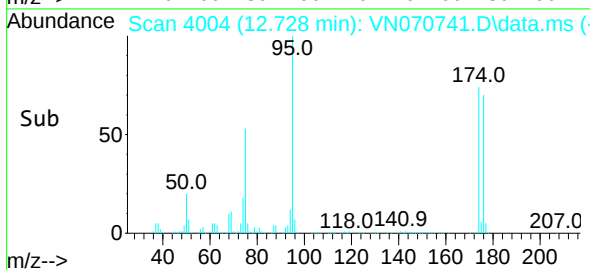
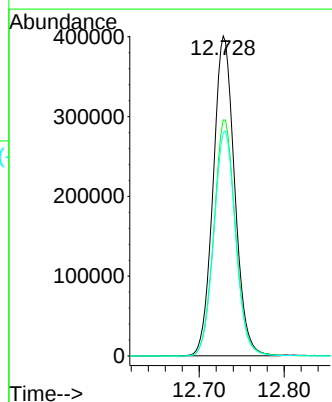
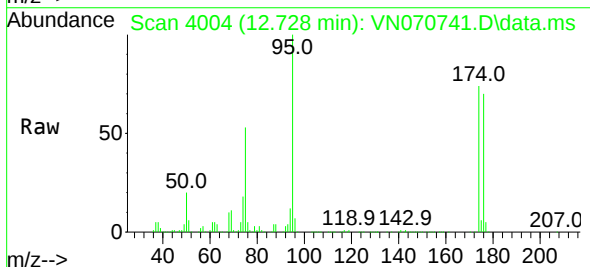
Instrument :  
MSVOA\_N  
ClientSampleId :  
AREA-2-COMPOSITE

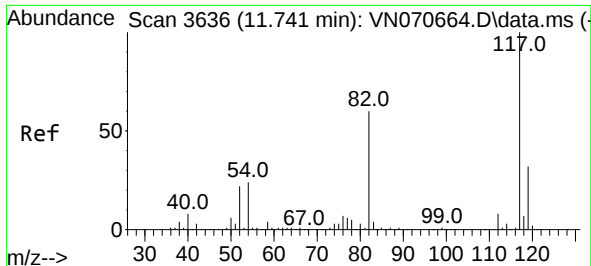
Tgt Ion: 92 Resp: 91875  
Ion Ratio Lower Upper  
92 100  
91 173.4 142.0 213.0



#62  
4-Bromofluorobenzene  
Concen: 45.264 ug/l  
RT: 12.728 min Scan# 4004  
Delta R.T. 0.000 min  
Lab File: VN070741.D  
Acq: 21 Jan 2022 19:22

Tgt Ion: 95 Resp: 703434  
Ion Ratio Lower Upper  
95 100  
174 74.5 0.0 187.2  
176 71.3 0.0 181.4

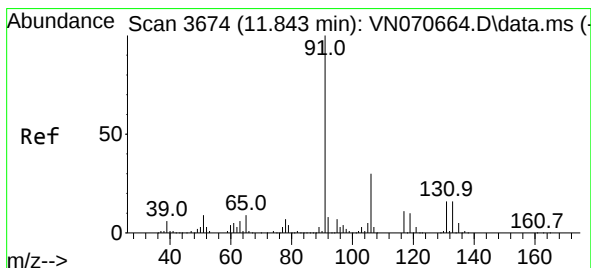
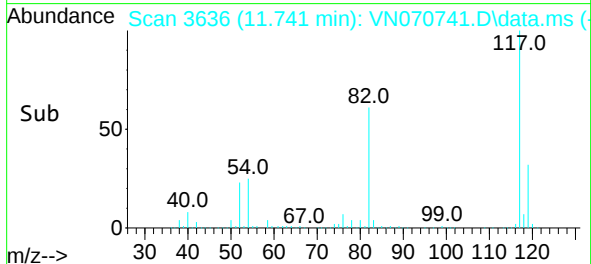
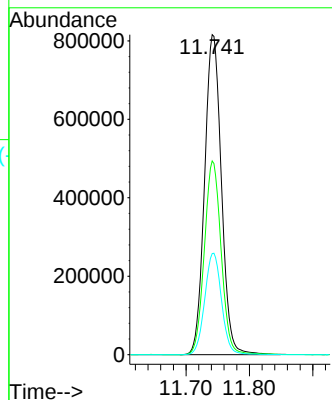
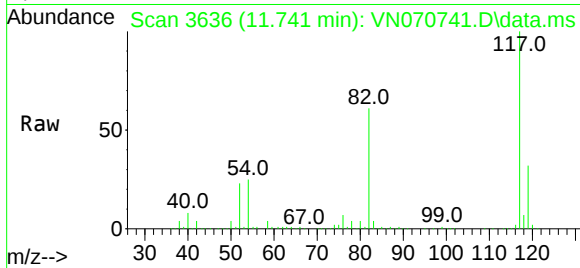




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.741 min Scan# 3636  
Delta R.T. 0.000 min  
Lab File: VN070741.D  
Acq: 21 Jan 2022 19:22

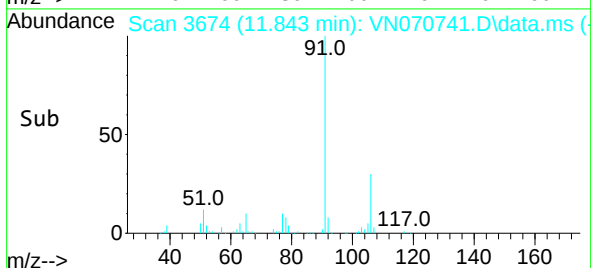
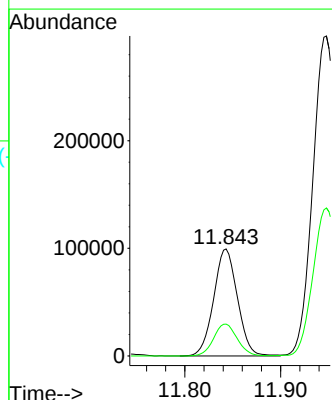
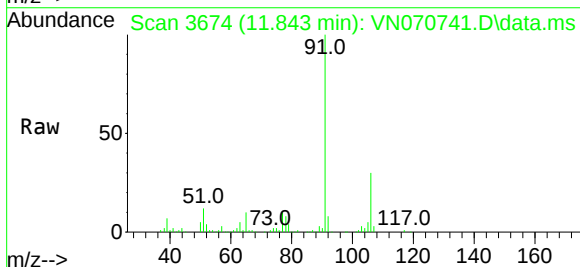
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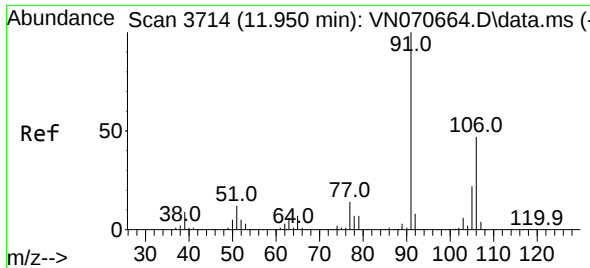
Tgt Ion:117 Resp: 1504773  
Ion Ratio Lower Upper  
117 100  
82 60.5 42.4 63.6  
119 31.6 25.4 38.2



#67  
Ethyl Benzene  
Concen: 2.833 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN070741.D  
Acq: 21 Jan 2022 19:22

Tgt Ion: 91 Resp: 171215  
Ion Ratio Lower Upper  
91 100  
106 29.8 25.7 38.5

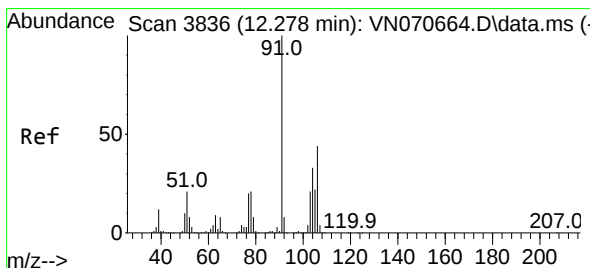
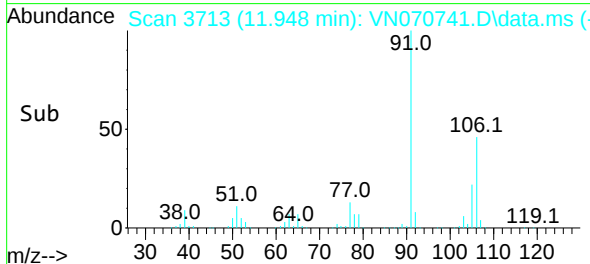
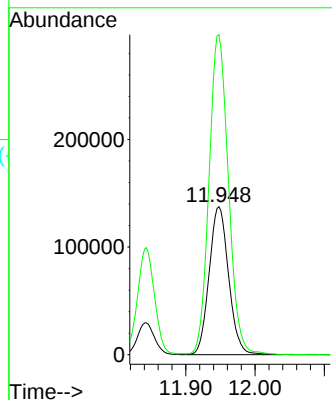
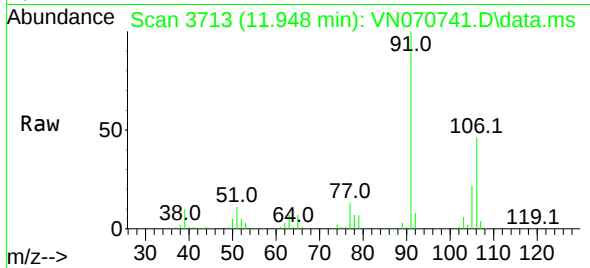




#68  
m/p-Xylenes  
Concen: 12.232 ug/l  
RT: 11.948 min Scan# 3713  
Delta R.T. -0.002 min  
Lab File: VN070741.D  
Acq: 21 Jan 2022 19:22

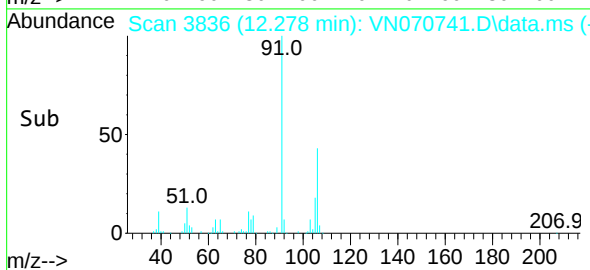
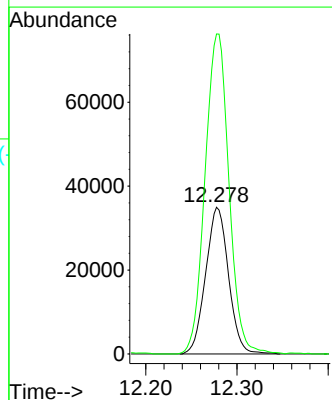
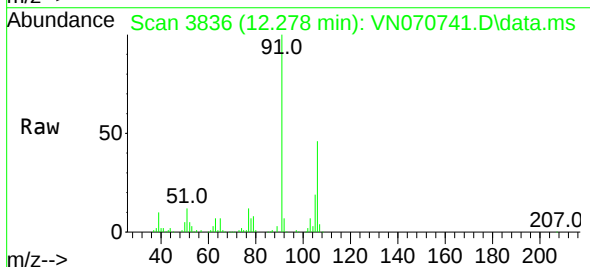
Instrument :  
MSVOA\_N  
ClientSampleId :  
AREA-2-COMPOSITE

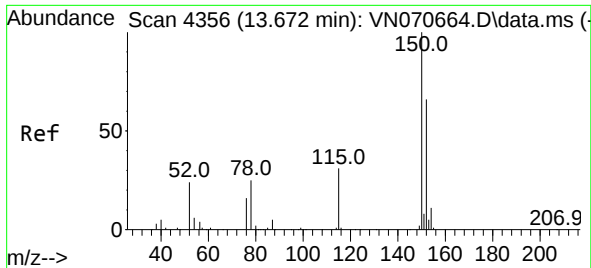
Tgt Ion:106 Resp: 268974  
Ion Ratio Lower Upper  
106 100  
91 215.0 160.6 240.8



#69  
o-Xylene  
Concen: 2.796 ug/l  
RT: 12.278 min Scan# 3836  
Delta R.T. -0.000 min  
Lab File: VN070741.D  
Acq: 21 Jan 2022 19:22

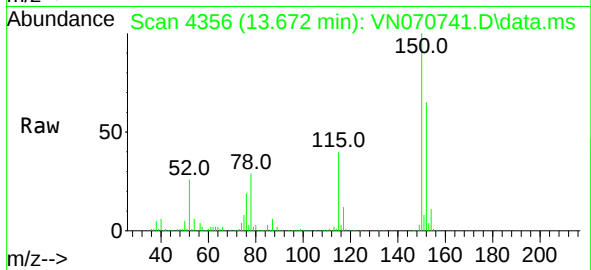
Tgt Ion:106 Resp: 61004  
Ion Ratio Lower Upper  
106 100  
91 227.8 105.8 317.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.672 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VN070741.D  
 Acq: 21 Jan 2022 19:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AREA-2-COMPOSITE



Tgt Ion:152 Resp: 576594  
 Ion Ratio Lower Upper  
 152 100  
 115 62.0 27.5 82.5  
 150 156.3 0.0 344.4

