

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011524\  
 Data File : VN080715.D  
 Acq On : 15 Jan 2024 15:08  
 Operator : JC\MD  
 Sample : P1144-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SCMW-19S

Quant Time: Jan 16 00:41:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 06:34:36 2024  
 Response via : Initial Calibration

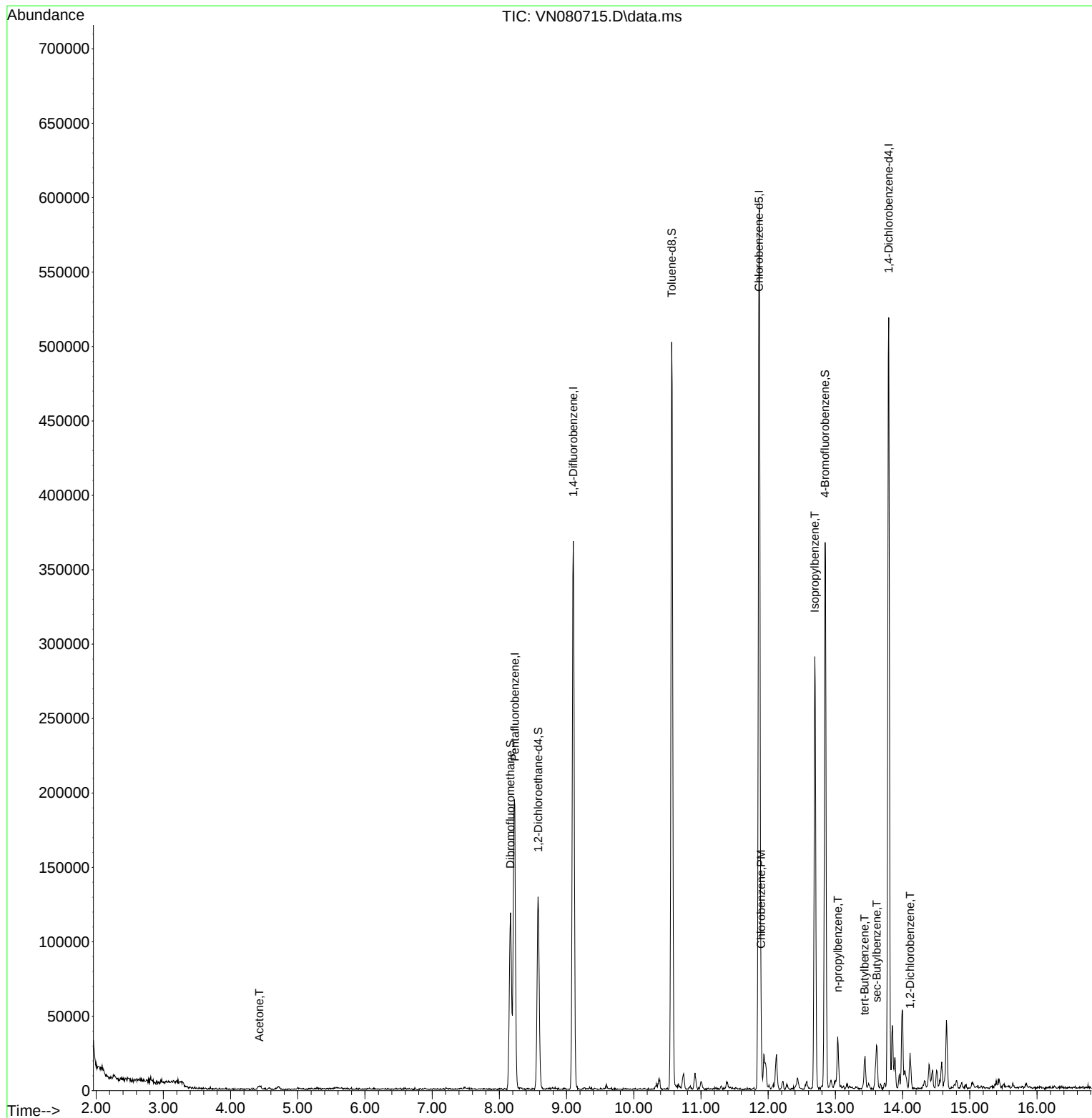
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.229  | 168   | 129978   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 303347   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 309289   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 125312   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 98720    | 43.250   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 86.500%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 83074    | 48.200   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 96.400%  |
| 50) Toluene-d8              | 10.565 | 98    | 332665   | 50.619   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 101.240% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 134925   | 53.537   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 107.080% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.430  | 43    | 4759     | 6.351    | ug/l # | 85       |
| 65) Chlorobenzene           | 11.894 | 112   | 15494    | 2.293    | ug/l   | 93       |
| 73) Isopropylbenzene        | 12.694 | 105   | 189850   | 15.932   | ug/l   | 98       |
| 78) n-propylbenzene         | 13.035 | 91    | 26679    | 1.825    | ug/l   | 97       |
| 83) tert-Butylbenzene       | 13.435 | 119   | 8888     | 1.120    | ug/l   | 93       |
| 85) sec-Butylbenzene        | 13.617 | 105   | 18785    | 1.665    | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene     | 14.111 | 146   | 3590     | 0.843    | ug/l   | 92       |
| -----                       |        |       |          |          |        |          |

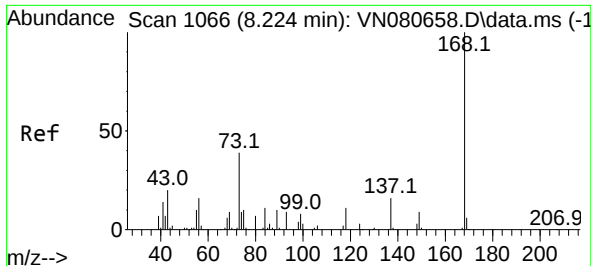
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_N  
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SCMW-19S

Quant Time: Jan 16 00:41:22 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 06:34:36 2024  
Response via : Initial Calibration

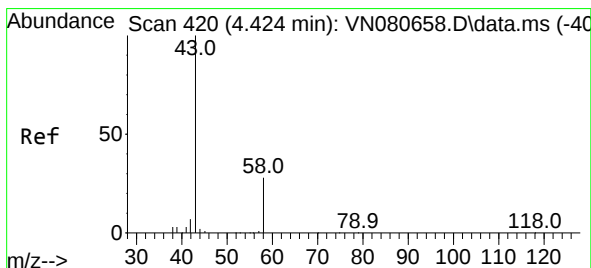
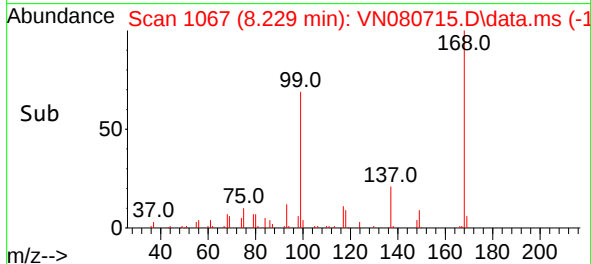
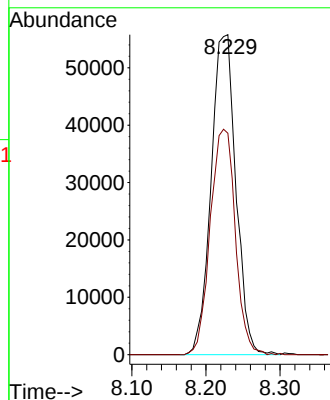
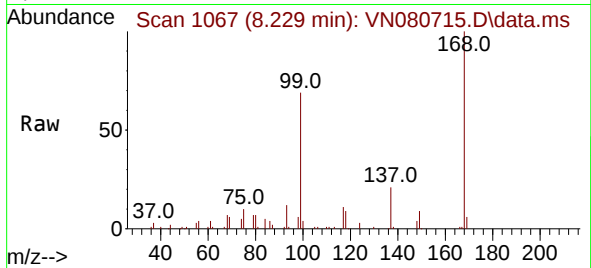




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1066  
Delta R.T. 0.005 min  
Lab File: VN080715.D  
Acq: 15 Jan 2024 15:08

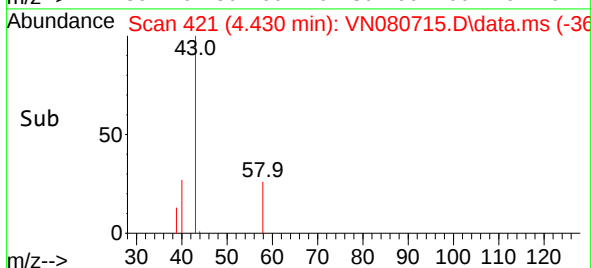
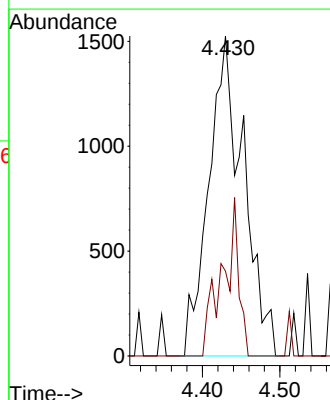
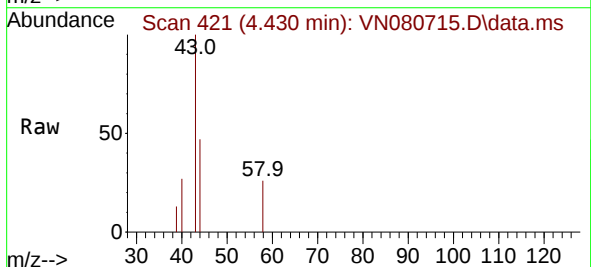
Instrument :  
MSVOA\_N  
ClientSampleId :  
SCMW-19S

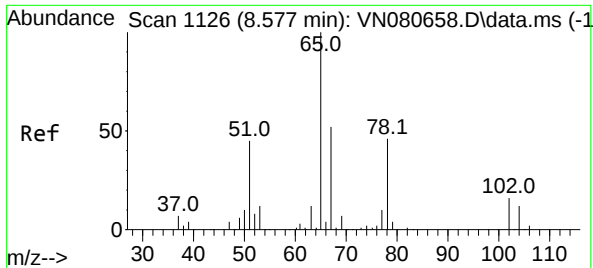
Tgt Ion:168 Resp: 129978  
Ion Ratio Lower Upper  
168 100  
99 69.2 53.0 79.6



#16  
Acetone  
Concen: 6.351 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN080715.D  
Acq: 15 Jan 2024 15:08

Tgt Ion: 43 Resp: 4759  
Ion Ratio Lower Upper  
43 100  
58 26.5 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 43.250 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080715.D

Acq: 15 Jan 2024 15:08

Instrument :

MSVOA\_N

ClientSampleId :

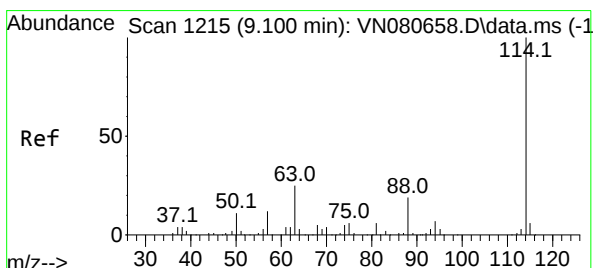
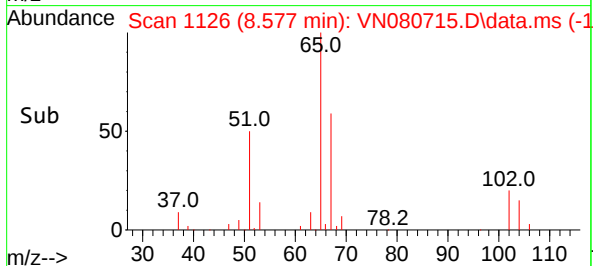
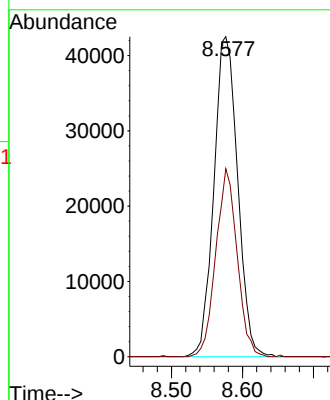
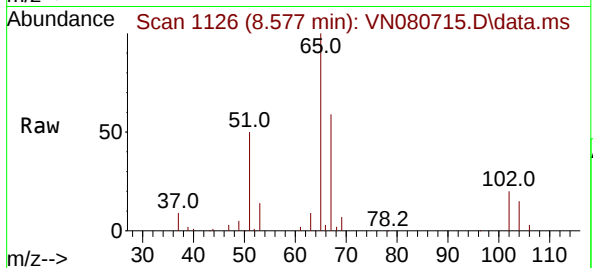
SCMW-19S

Tgt Ion: 65 Resp: 98720

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080715.D

Acq: 15 Jan 2024 15:08

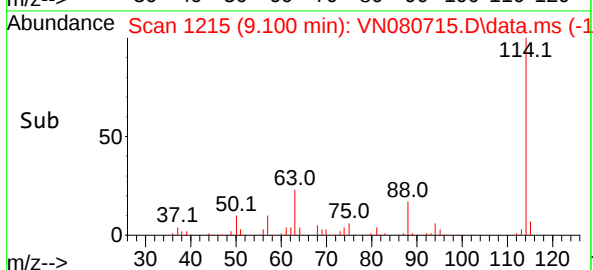
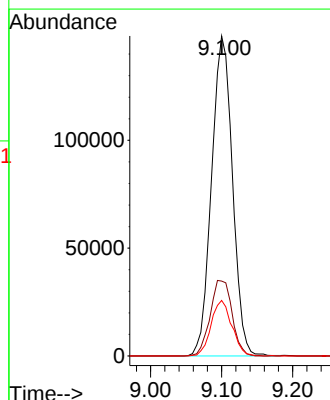
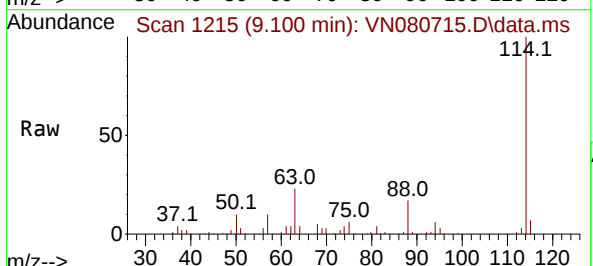
Tgt Ion: 114 Resp: 303347

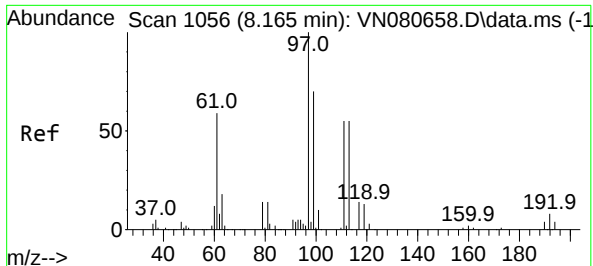
Ion Ratio Lower Upper

114 100

63 23.4 0.0 36.4

88 17.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.200 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080715.D

Acq: 15 Jan 2024 15:08

Instrument :

MSVOA\_N

ClientSampleId :

SCMW-19S

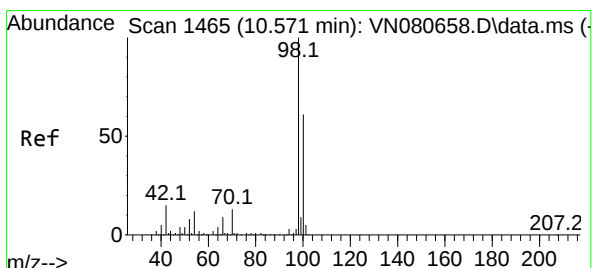
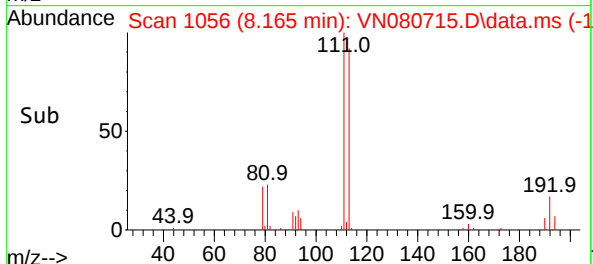
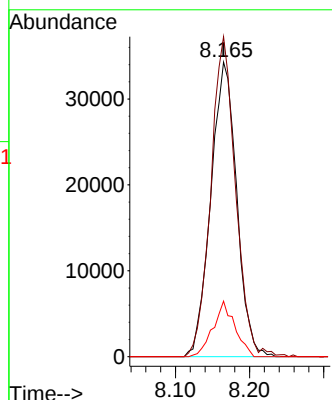
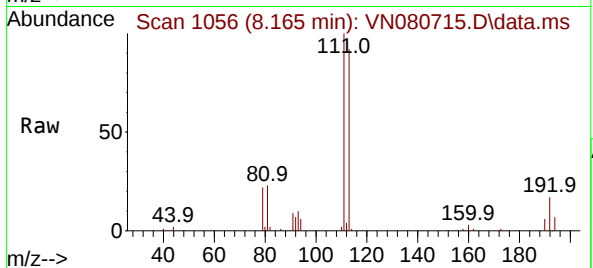
Tgt Ion:113 Resp: 83074

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 16.0 12.7 19.1



#50

Toluene-d8

Concen: 50.619 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080715.D

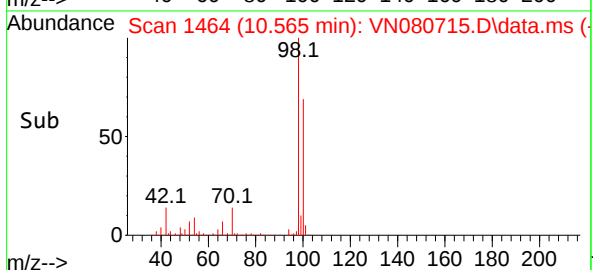
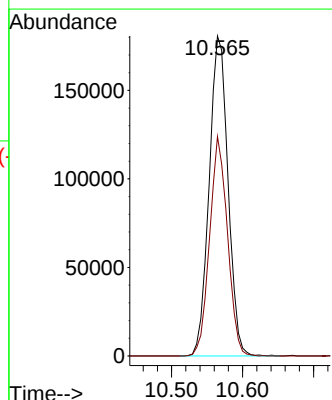
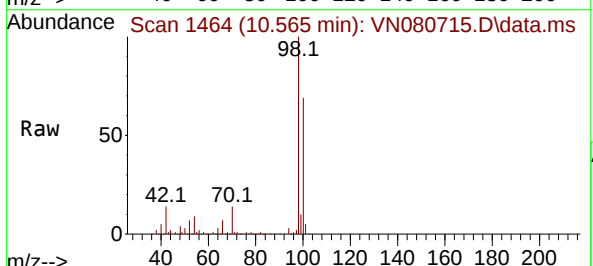
Acq: 15 Jan 2024 15:08

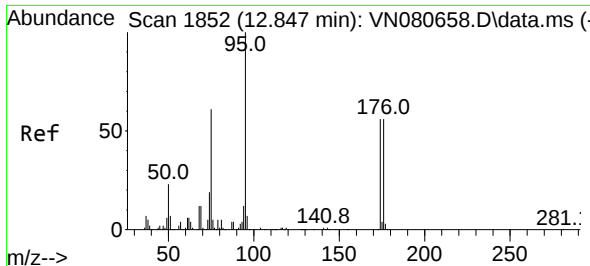
Tgt Ion: 98 Resp: 332665

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

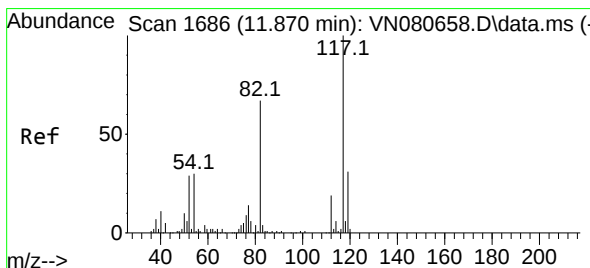
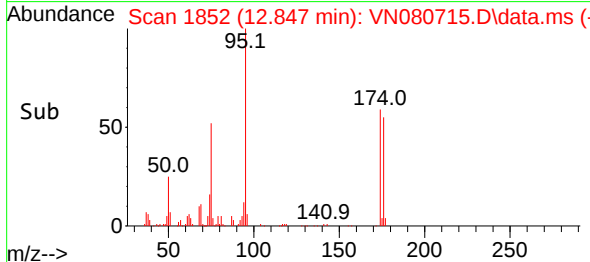
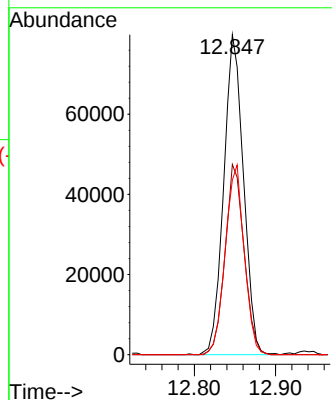
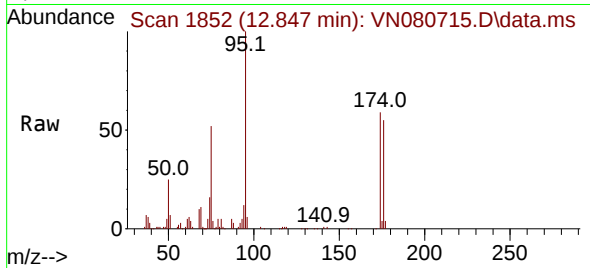




#62  
4-Bromofluorobenzene  
Concen: 53.537 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN080715.D  
Acq: 15 Jan 2024 15:08

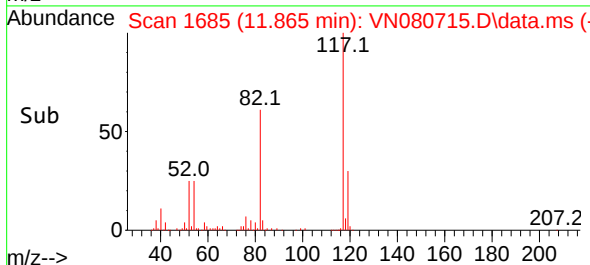
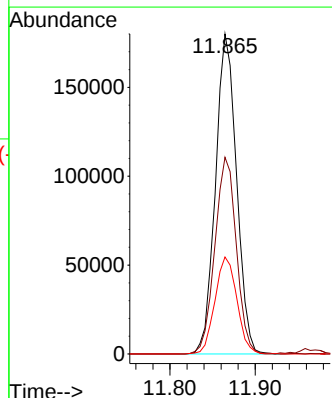
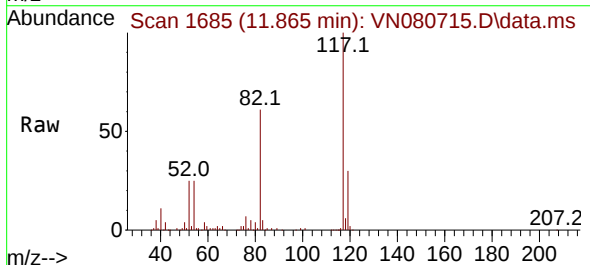
Instrument :  
MSVOA\_N  
ClientSampleId :  
SCMW-19S

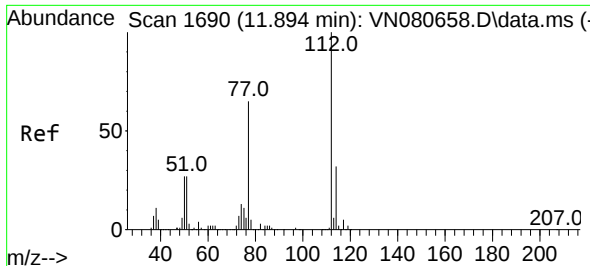
Tgt Ion: 95 Resp: 134925  
Ion Ratio Lower Upper  
95 100  
174 57.6 0.0 143.8  
176 56.9 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: VN080715.D  
Acq: 15 Jan 2024 15:08

Tgt Ion: 117 Resp: 309289  
Ion Ratio Lower Upper  
117 100  
82 61.4 44.0 66.0  
119 30.3 25.6 38.4

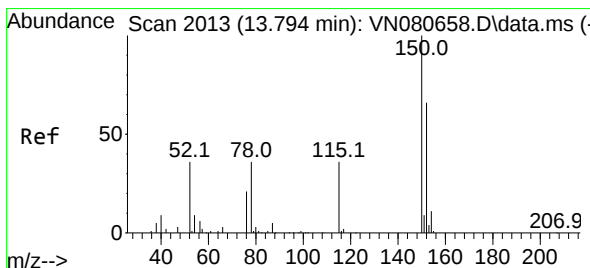
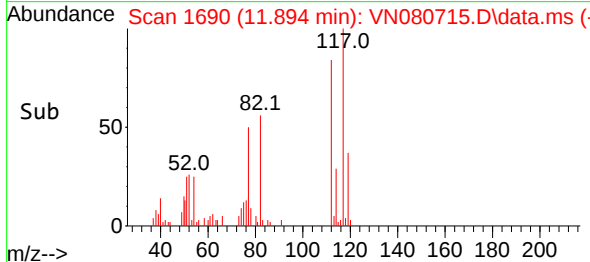
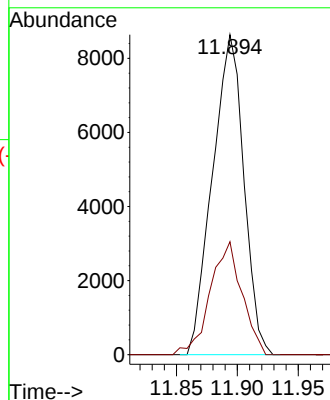
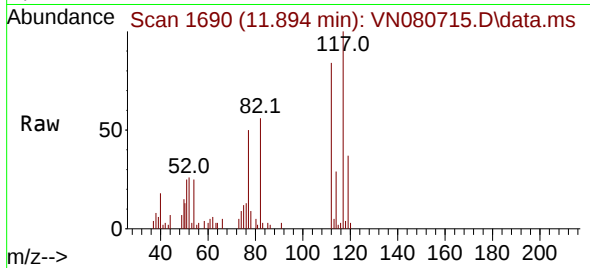




#65  
Chlorobenzene  
Concen: 2.293 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: VN080715.D  
Acq: 15 Jan 2024 15:08

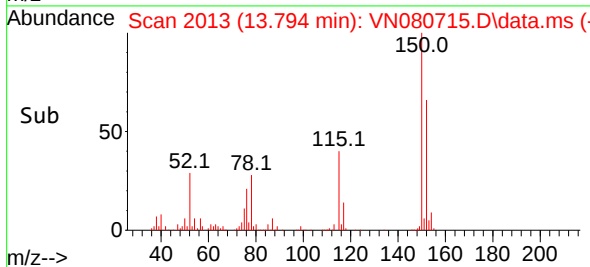
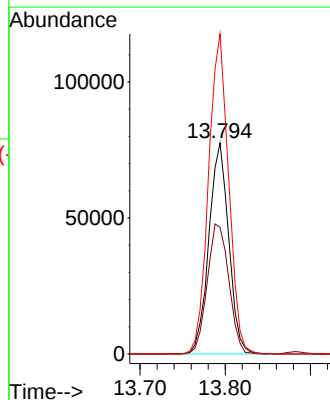
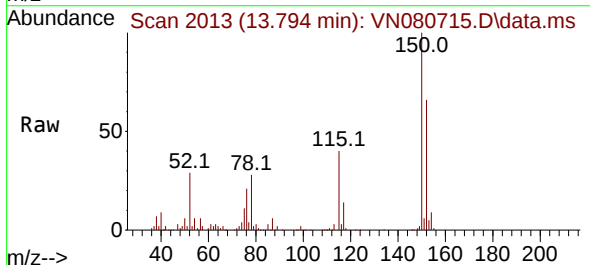
Instrument :  
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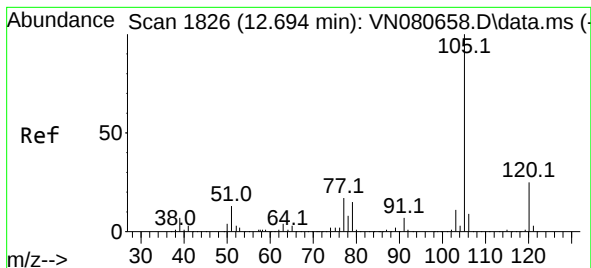
Tgt Ion:112 Resp: 15494  
Ion Ratio Lower Upper  
112 100  
114 35.3 25.0 37.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN080715.D  
Acq: 15 Jan 2024 15:08

Tgt Ion:152 Resp: 125312  
Ion Ratio Lower Upper  
152 100  
115 67.0 32.3 96.8  
150 153.3 0.0 355.8





#73

Isopropylbenzene

Concen: 15.932 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN080715.D

Acq: 15 Jan 2024 15:08

Instrument :

MSVOA\_N

ClientSampleId :

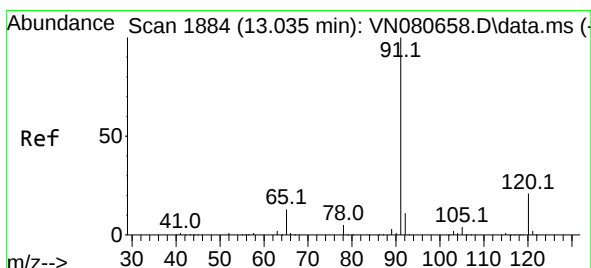
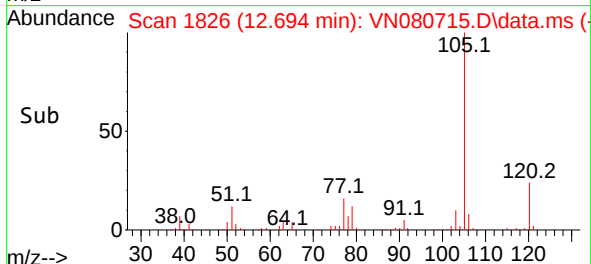
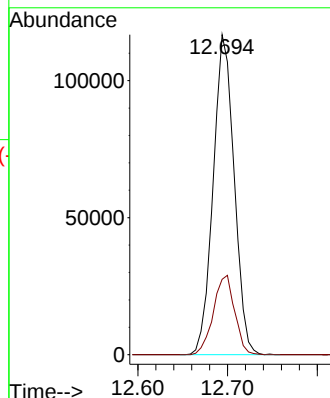
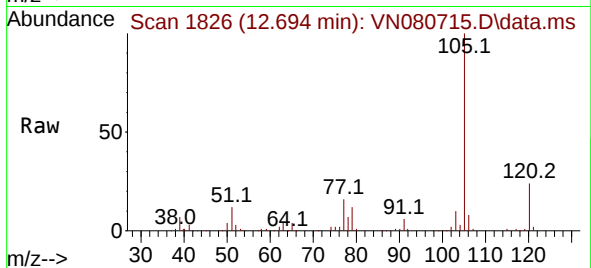
SCMW-19S

Tgt Ion:105 Resp: 189850

Ion Ratio Lower Upper

105 100

120 25.1 13.1 39.1



#78

n-propylbenzene

Concen: 1.825 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080715.D

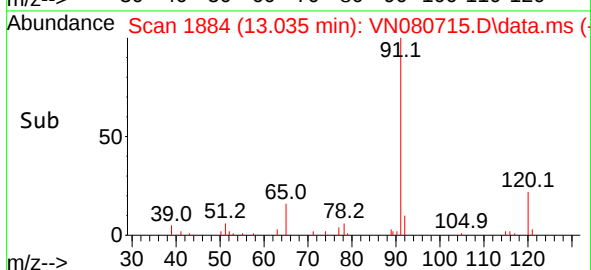
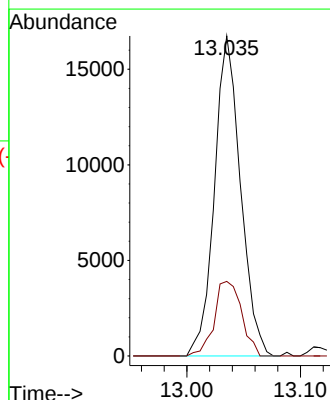
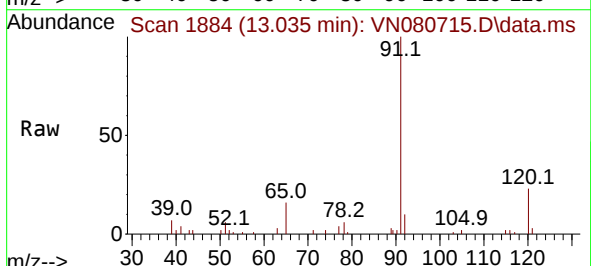
Acq: 15 Jan 2024 15:08

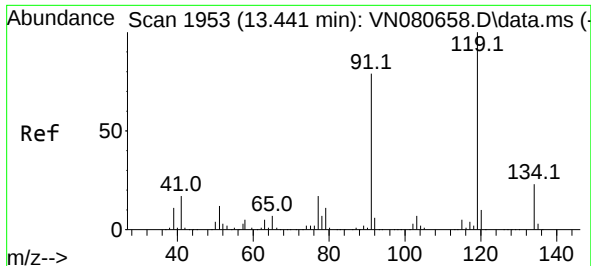
Tgt Ion: 91 Resp: 26679

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.4

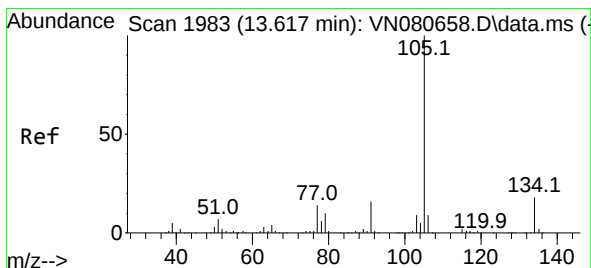
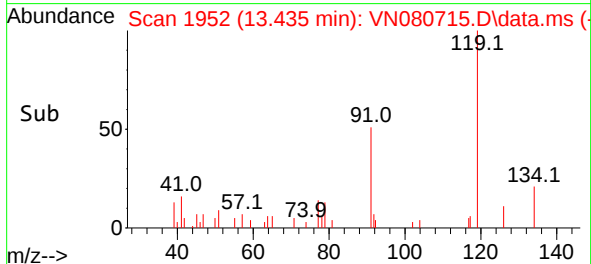
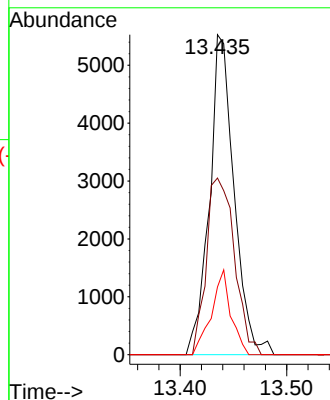
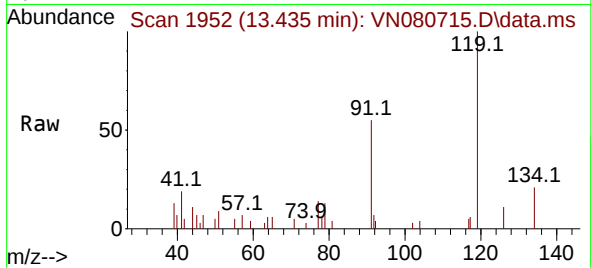




#83  
tert-Butylbenzene  
Concen: 1.120 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.006 min  
Lab File: VN080715.D  
Acq: 15 Jan 2024 15:08

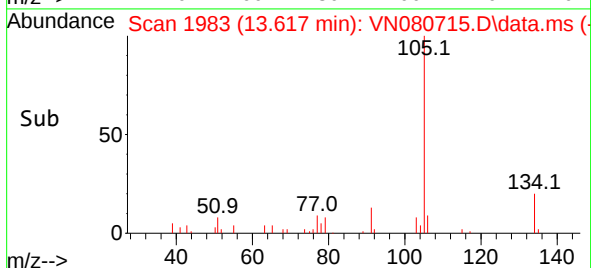
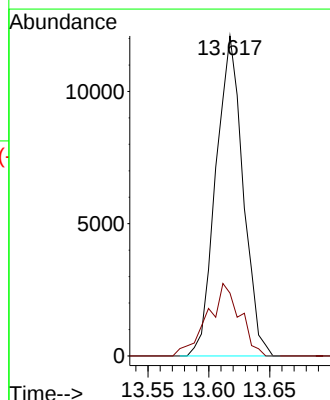
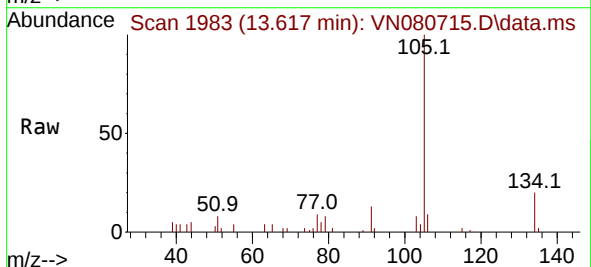
Instrument :  
MSVOA\_N  
ClientSampleId :  
SCMW-19S

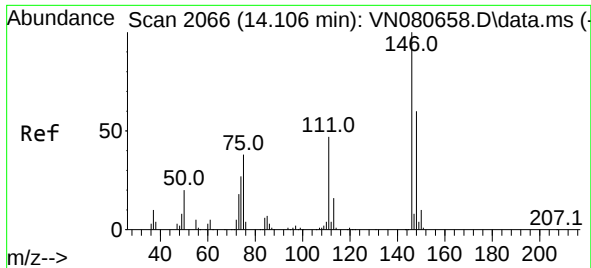
Tgt Ion:119 Resp: 8888  
Ion Ratio Lower Upper  
119 100  
91 63.0 33.9 101.7  
134 20.9 13.2 39.6



#85  
sec-Butylbenzene  
Concen: 1.665 ug/l  
RT: 13.617 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VN080715.D  
Acq: 15 Jan 2024 15:08

Tgt Ion:105 Resp: 18785  
Ion Ratio Lower Upper  
105 100  
134 27.1 9.8 29.3





#91

1,2-Dichlorobenzene

Concen: 0.843 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.005 min

Lab File: VN080715.D

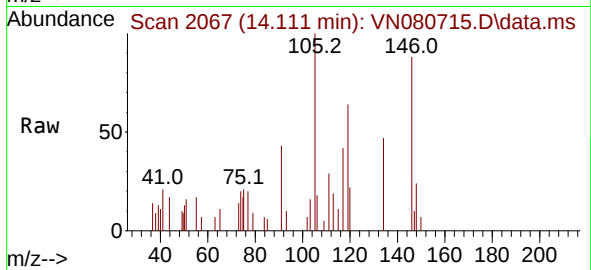
Acq: 15 Jan 2024 15:08

Instrument :

MSVOA\_N

ClientSampleId :

SCMW-19S



Tgt Ion:146 Resp: 3590

Ion Ratio Lower Upper

146 100

111 42.7 22.0 66.0

148 53.7 31.8 95.3

