

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061323\  
 Data File : VN078185.D  
 Acq On : 13 Jun 2023 14:48  
 Operator : JC\MD  
 Sample : 03172-01 20X  
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BUR-1578DL

Quant Time: Jun 14 02:19:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

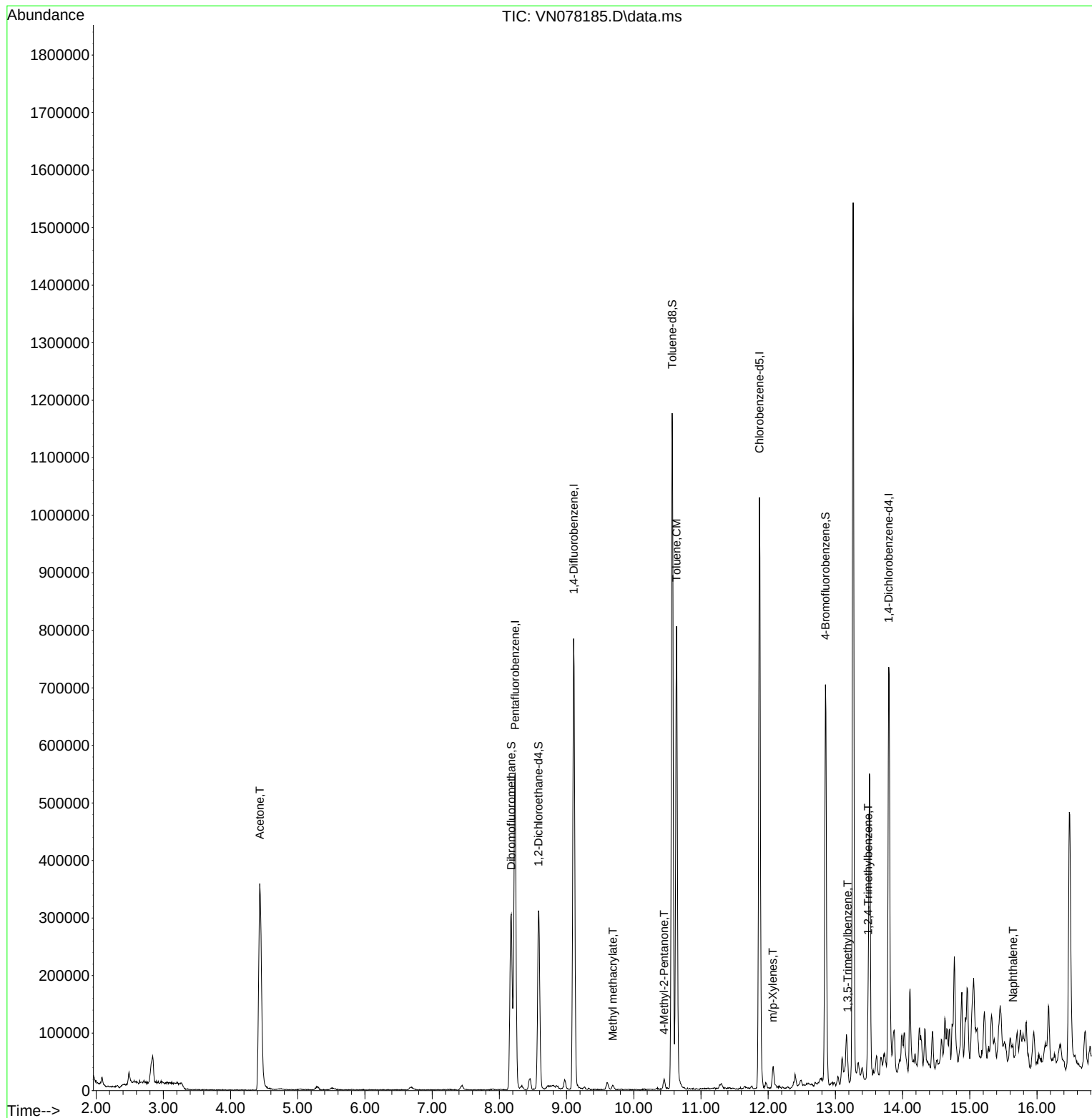
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.236     | 168   | 379548   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 695262   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.871    | 117   | 618345   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 195339   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.583     | 65    | 256789   | 50.743   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 101.480% |          |
| 35) Dibromofluoromethane    | 8.177     | 113   | 228485   | 51.975   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 103.960% |          |
| 50) Toluene-d8              | 10.571    | 98    | 856941   | 50.565   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 101.140% |          |
| 62) 4-Bromofluorobenzene    | 12.853    | 95    | 250820   | 47.608   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 95.220%  |          |
| Target Compounds            |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 4.436     | 43    | 675523   | 463.764  | ug/l       | 97       |
| 48) Methyl methacrylate     | 9.688     | 41    | 4110     | 1.040    | ug/l #     | 78       |
| 51) 4-Methyl-2-Pentanone    | 10.453    | 43    | 12498    | 2.519    | ug/l       | 93       |
| 52) Toluene                 | 10.635    | 92    | 350878   | 29.521   | ug/l       | 97       |
| 68) m/p-Xylenes             | 12.071    | 106   | 9106     | 1.046    | ug/l       | 92       |
| 80) 1,3,5-Trimethylbenzene  | 13.182    | 105   | 15883    | 1.062    | ug/l       | 94       |
| 84) 1,2,4-Trimethylbenzene  | 13.488    | 105   | 63478    | 4.378    | ug/l       | 100      |
| 95) Naphthalene             | 15.647    | 128   | 13040    | 1.535    | ug/l #     | 95       |
| -----                       |           |       |          |          |            |          |

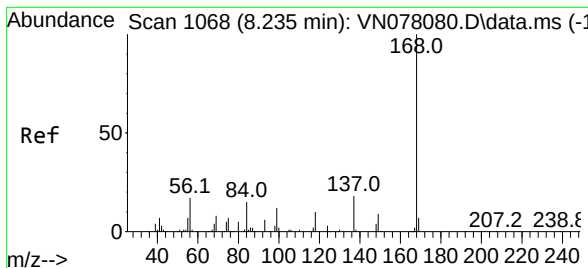
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

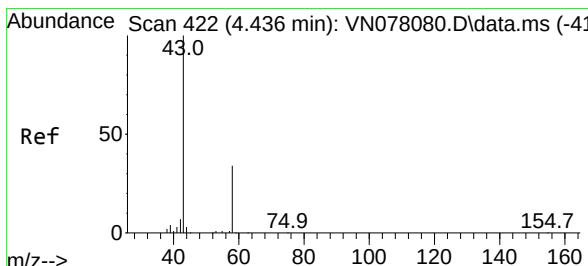
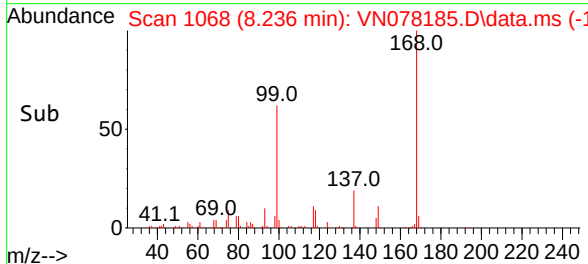
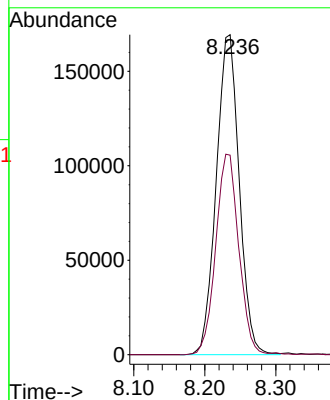
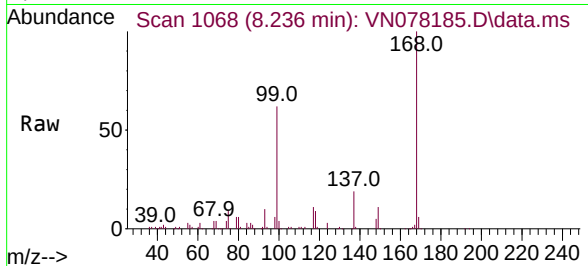




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. 0.001 min  
Lab File: VN078185.D  
Acq: 13 Jun 2023 14:48

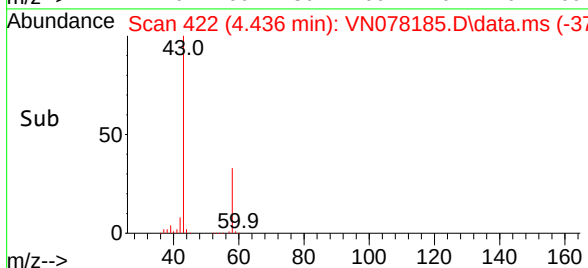
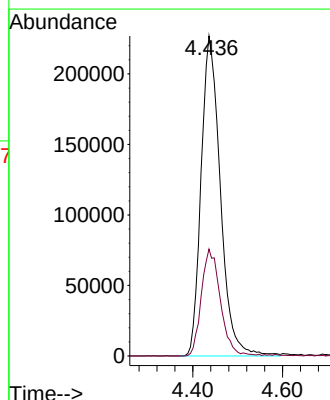
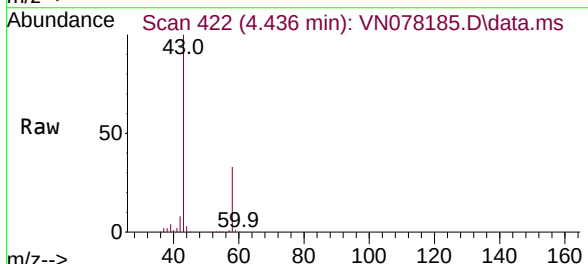
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MSVOA\_N  
ClientSampleId :  
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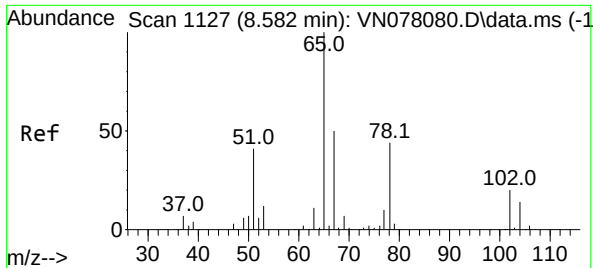
Tgt Ion:168 Resp: 379548  
Ion Ratio Lower Upper  
168 100  
99 62.4 53.0 79.6



#16  
Acetone  
Concen: 463.764 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.000 min  
Lab File: VN078185.D  
Acq: 13 Jun 2023 14:48

Tgt Ion: 43 Resp: 675523  
Ion Ratio Lower Upper  
43 100  
58 33.4 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 50.743 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078185.D

Acq: 13 Jun 2023 14:48

Instrument :

MSVOA\_N

ClientSampleId :

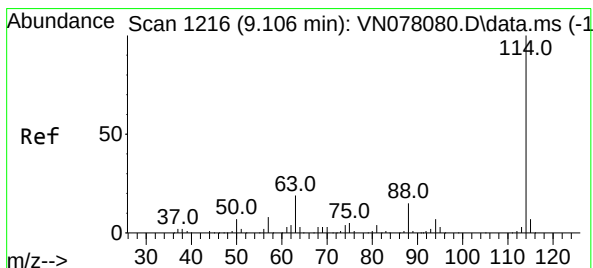
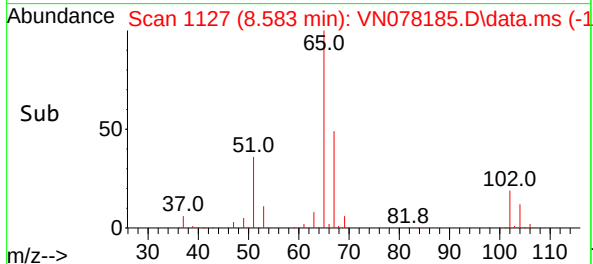
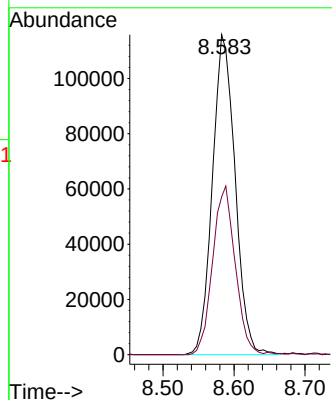
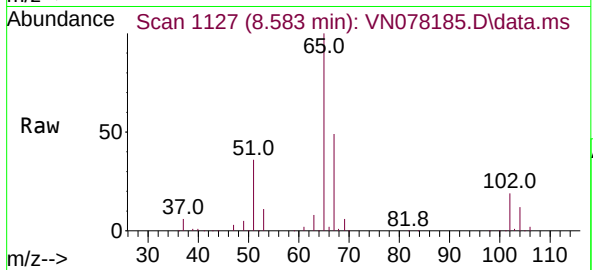
BUR-1578DL

Tgt Ion: 65 Resp: 256789

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078185.D

Acq: 13 Jun 2023 14:48

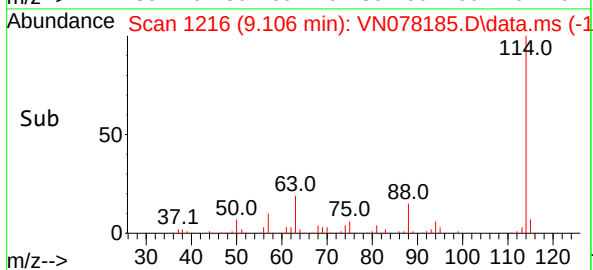
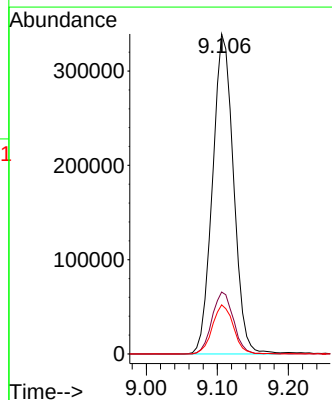
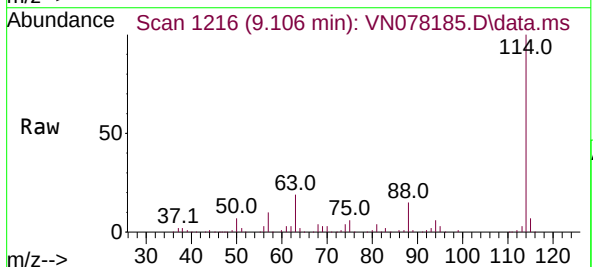
Tgt Ion: 114 Resp: 695262

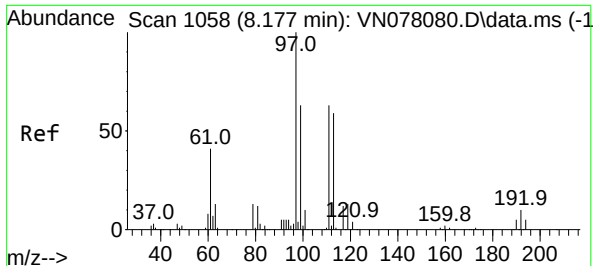
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.4 0.0 30.6

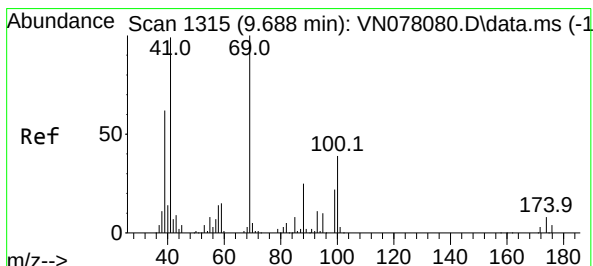
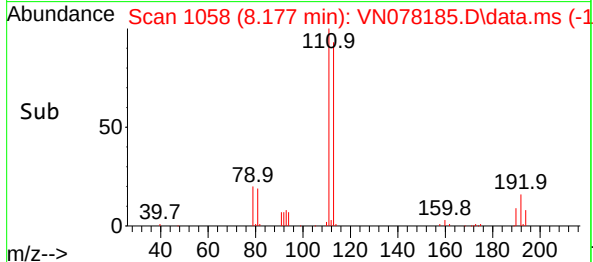
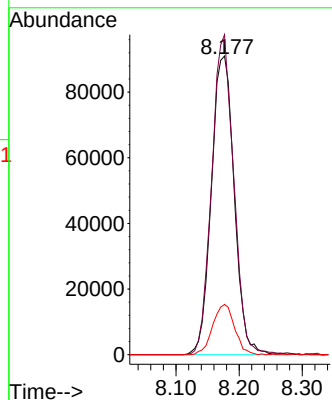
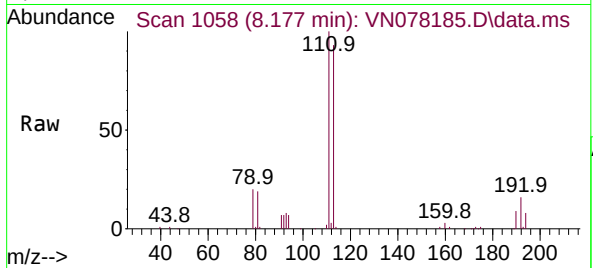




#35  
Dibromofluoromethane  
Concen: 51.975 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VN078185.D  
Acq: 13 Jun 2023 14:48

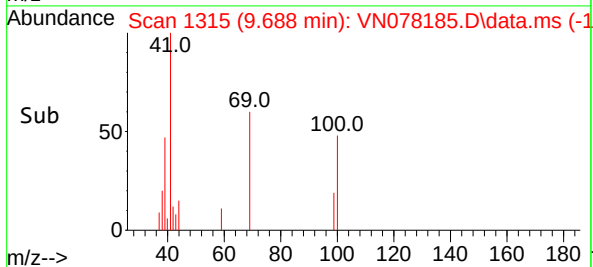
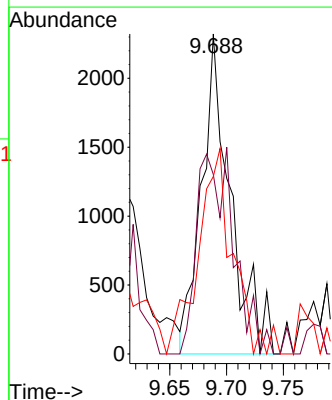
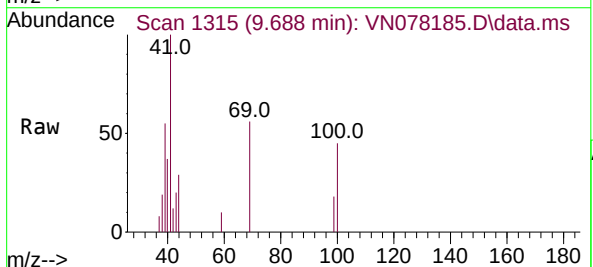
Instrument :  
MSVOA\_N  
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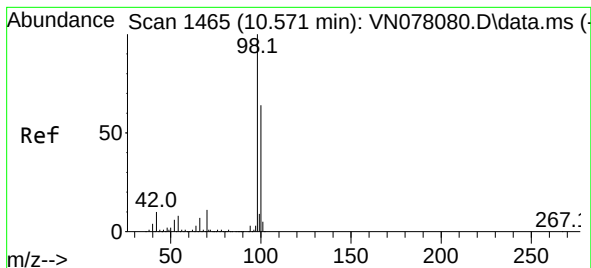
Tgt Ion:113 Resp: 228485  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.6 123.8  
192 16.2 12.7 19.1



#48  
Methyl methacrylate  
Concen: 1.040 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN078185.D  
Acq: 13 Jun 2023 14:48

Tgt Ion: 41 Resp: 4110  
Ion Ratio Lower Upper  
41 100  
69 80.4 90.4 135.6#  
39 74.7 54.6 81.8





#50

Toluene-d8

Concen: 50.565 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078185.D

Acq: 13 Jun 2023 14:48

Instrument :

MSVOA\_N

ClientSampleId :

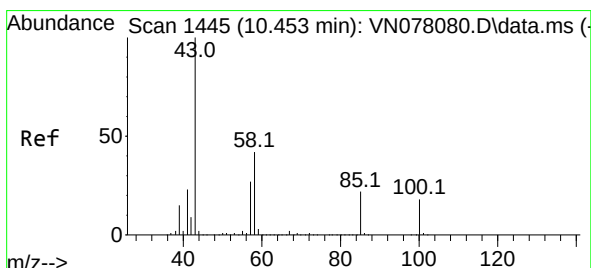
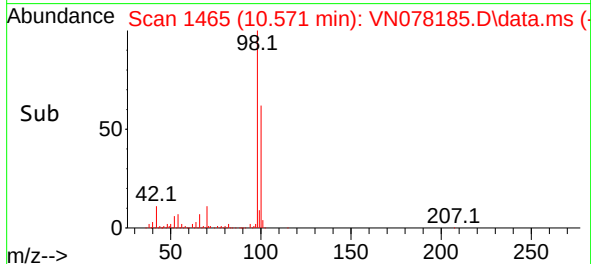
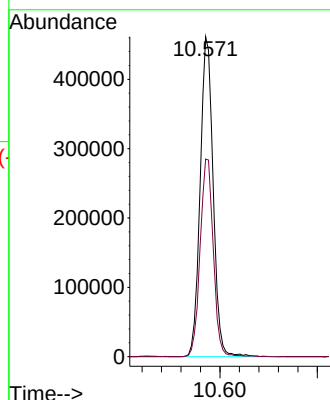
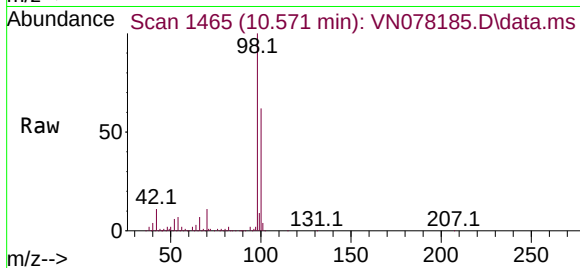
BUR-1578DL

Tgt Ion: 98 Resp: 856941

Ion Ratio Lower Upper

98 100

100 62.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 2.519 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VN078185.D

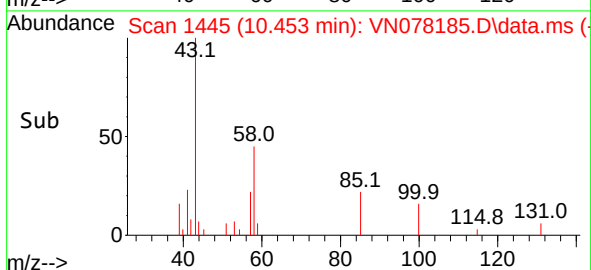
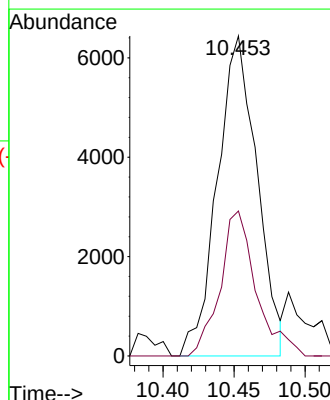
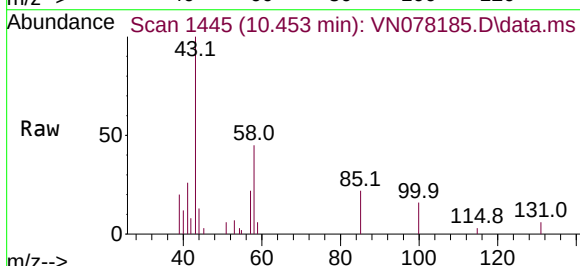
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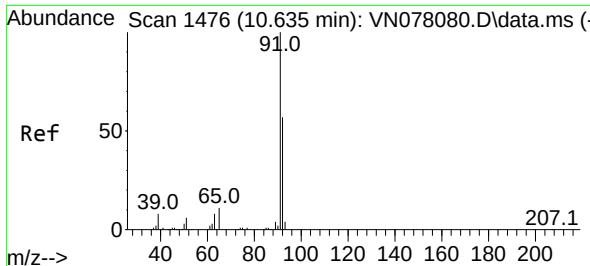
Tgt Ion: 43 Resp: 12498

Ion Ratio Lower Upper

43 100

58 41.2 36.6 54.8

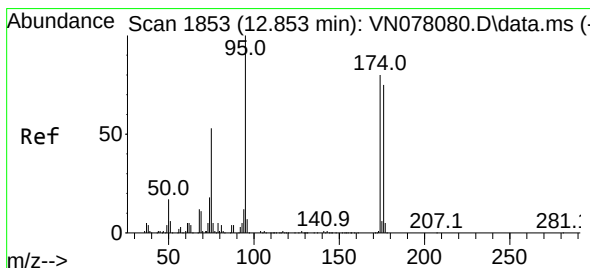
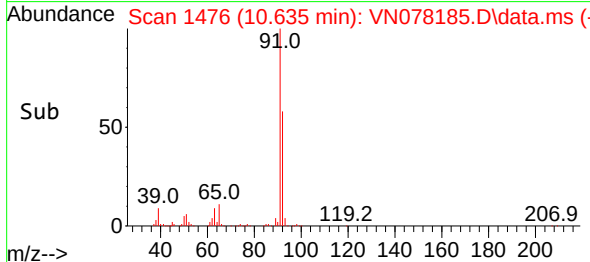
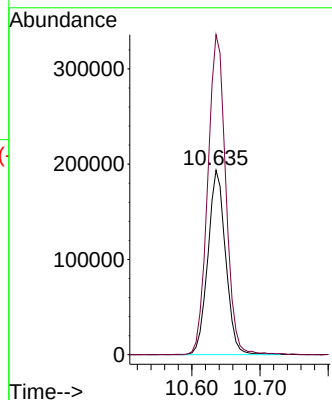
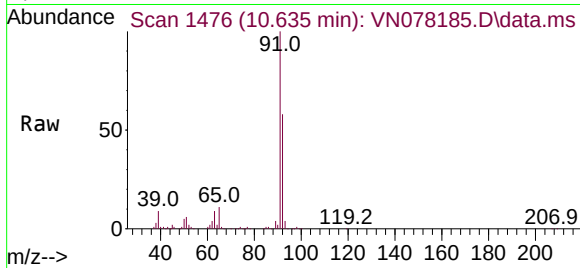




#52  
Toluene  
Concen: 29.521 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078185.D  
Acq: 13 Jun 2023 14:48

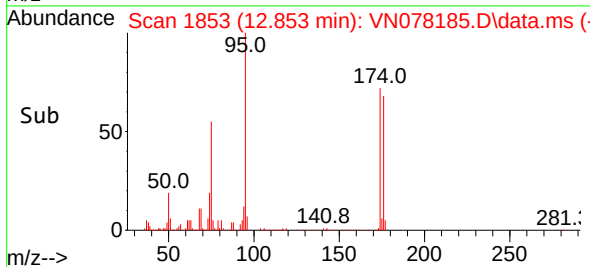
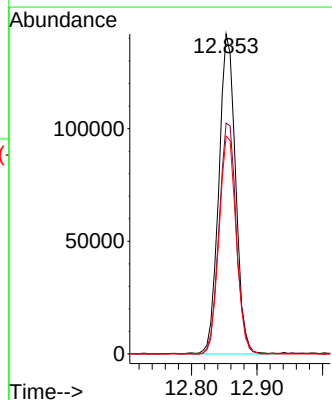
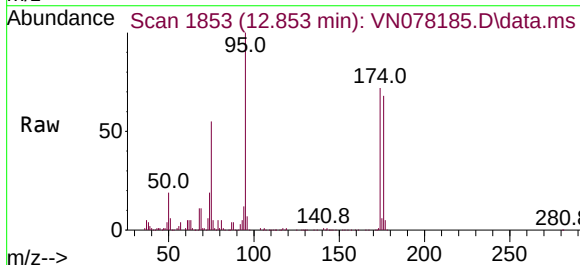
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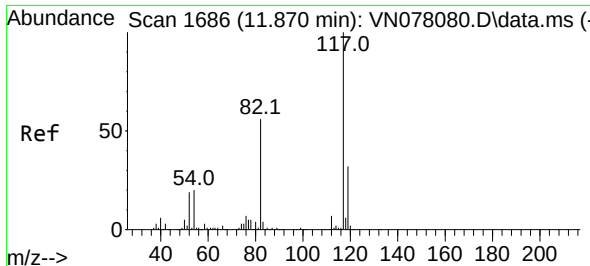
Tgt Ion: 92 Resp: 350878  
Ion Ratio Lower Upper  
92 100  
91 176.3 137.4 206.0



#62  
4-Bromofluorobenzene  
Concen: 47.608 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN078185.D  
Acq: 13 Jun 2023 14:48

Tgt Ion: 95 Resp: 250820  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 143.8  
176 69.9 0.0 135.8

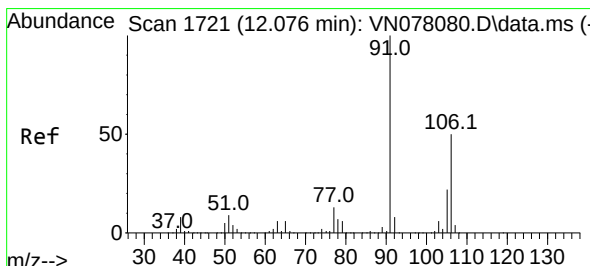
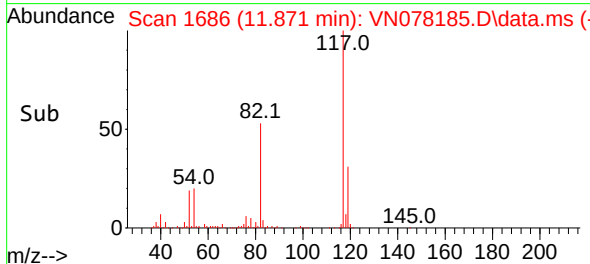
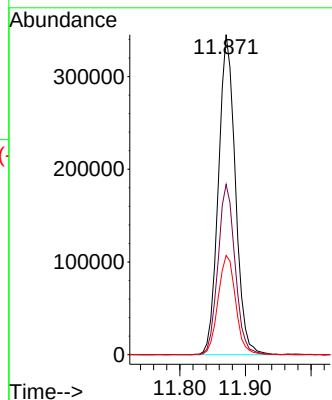
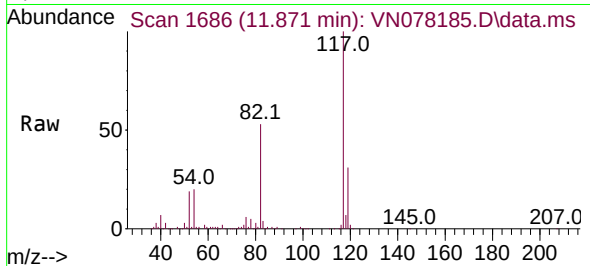




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN078185.D  
Acq: 13 Jun 2023 14:48

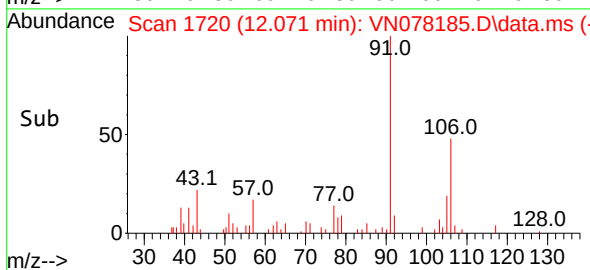
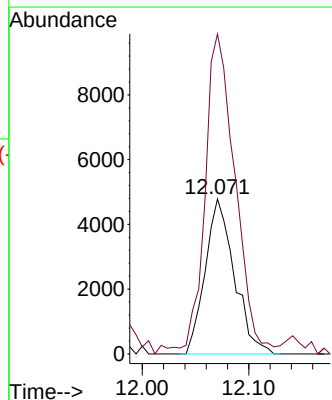
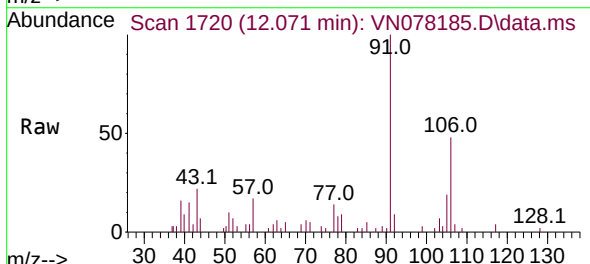
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BUR-1578DL

Tgt Ion:117 Resp: 618345  
Ion Ratio Lower Upper  
117 100  
82 53.2 44.0 66.0  
119 31.0 25.6 38.4

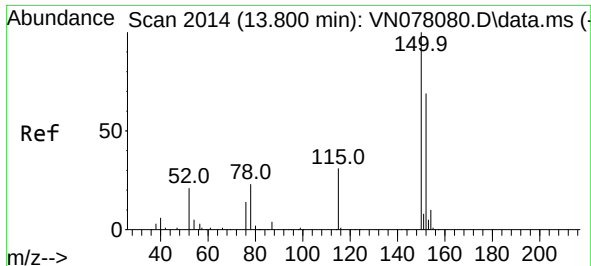


#68  
m/p-Xylenes  
Concen: 1.046 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. -0.006 min  
Lab File: VN078185.D  
Acq: 13 Jun 2023 14:48

Tgt Ion:106 Resp: 9106  
Ion Ratio Lower Upper  
106 100  
91 211.5 159.6 239.4



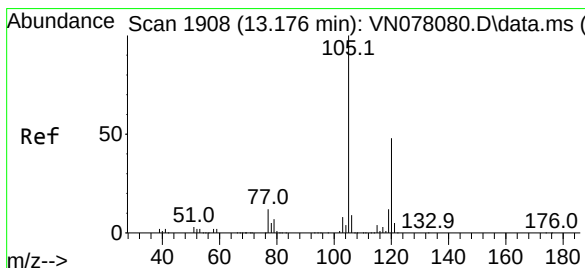
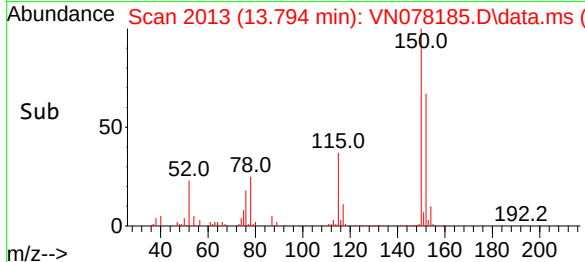
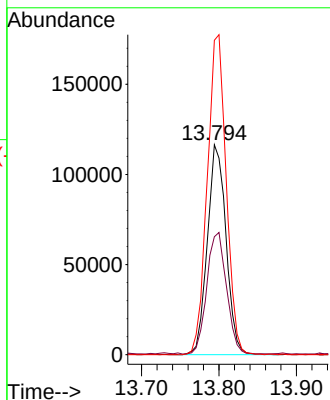
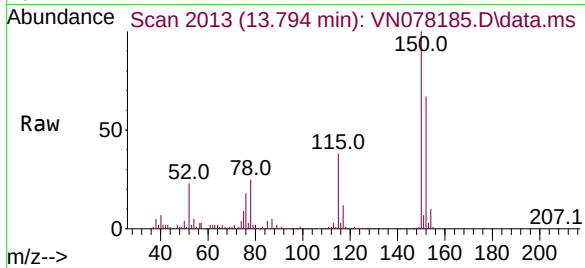




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. -0.006 min  
 Lab File: VN078185.D  
 Acq: 13 Jun 2023 14:48

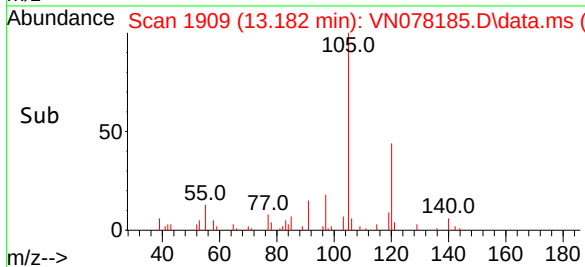
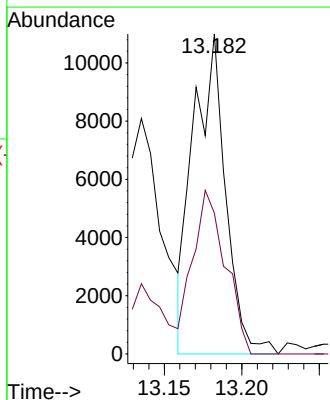
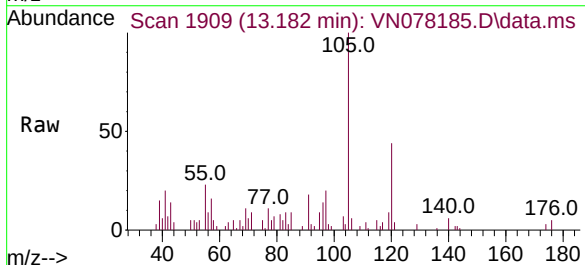
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 BUR-1578DL

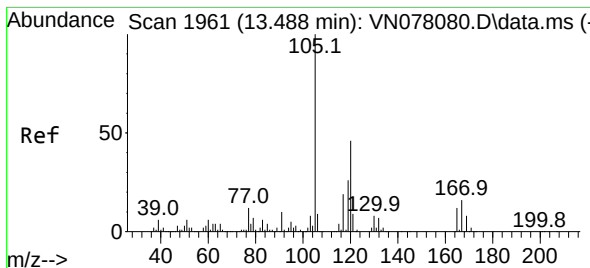
Tgt Ion:152 Resp: 195339  
 Ion Ratio Lower Upper  
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 115 60.8 32.3 96.8  
 150 154.4 0.0 355.8



#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.062 ug/l  
 RT: 13.182 min Scan# 1909  
 Delta R.T. 0.006 min  
 Lab File: VN078185.D  
 Acq: 13 Jun 2023 14:48

Tgt Ion:105 Resp: 15883  
 Ion Ratio Lower Upper  
 105 100  
 120 51.9 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 4.378 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078185.D

Acq: 13 Jun 2023 14:48

Instrument :

MSVOA\_N

ClientSampleId :

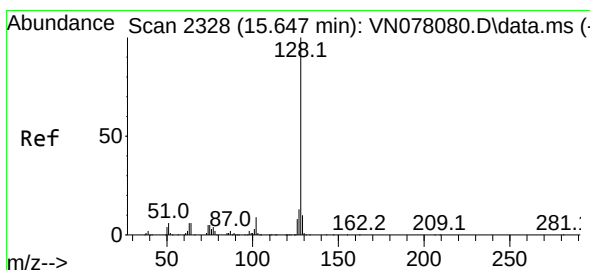
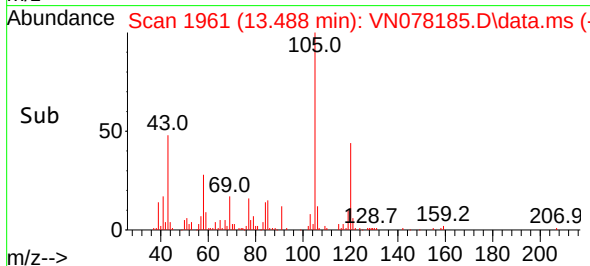
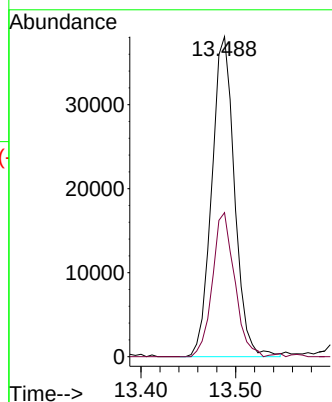
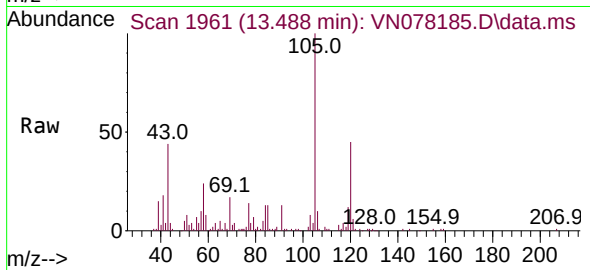
BUR-1578DL

Tgt Ion:105 Resp: 63478

Ion Ratio Lower Upper

105 100

120 43.9 22.0 66.0



#95

Naphthalene

Concen: 1.535 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078185.D

Acq: 13 Jun 2023 14:48

Tgt Ion:128 Resp: 13040

Ion Ratio Lower Upper

128 100

127 13.8 10.0 15.0

129 13.7 8.7 13.1#

