

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\  
 Data File : VN063634.D  
 Acq On : 24 Sep 2020 17:28  
 Operator : JC/MD  
 Sample : L4056-01DL 500X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 228DL

Quant Time: Sep 24 17:53:17 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

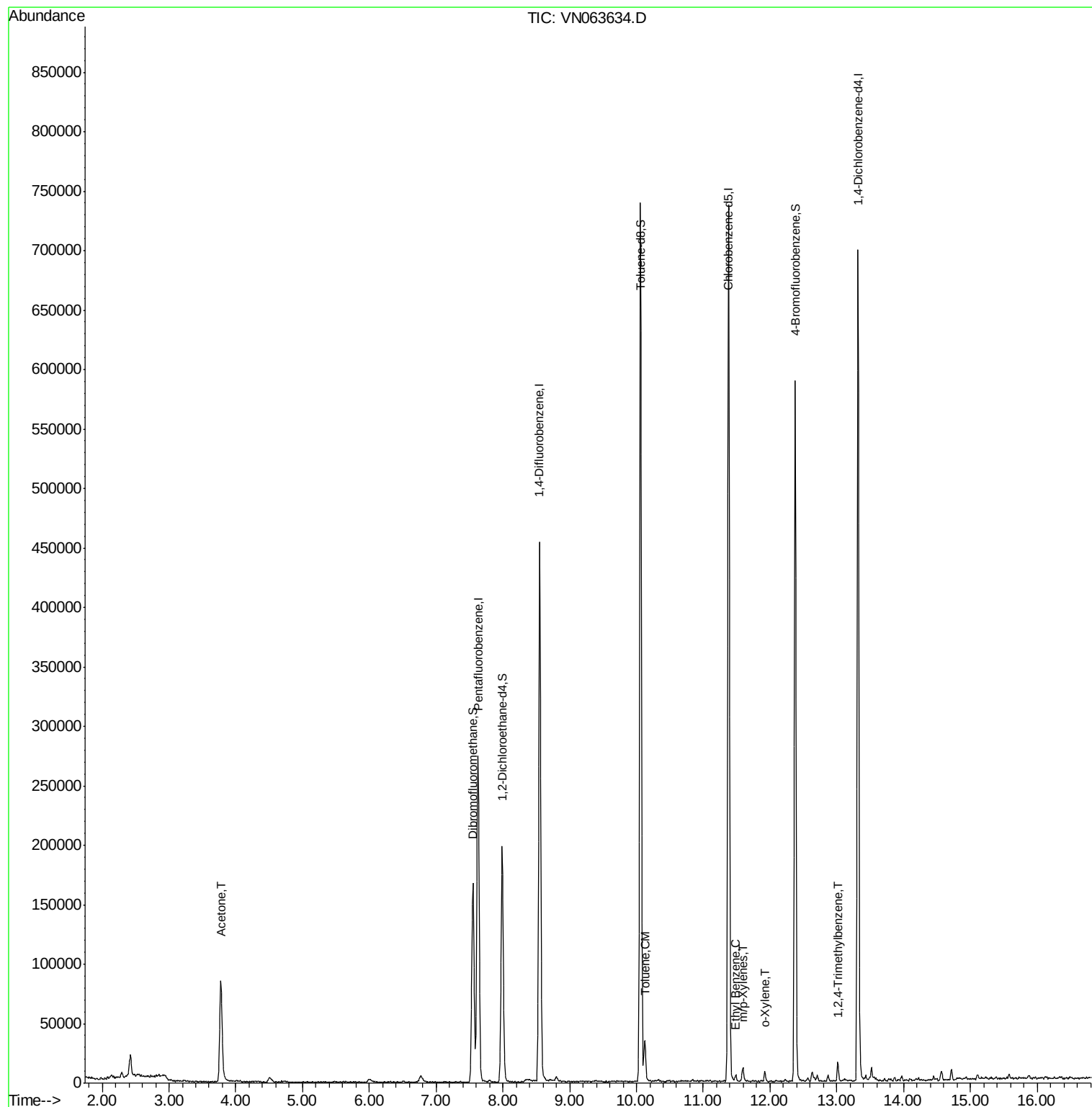
| Internal Standards          | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.63   | 168  | 202559   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55   | 114  | 373742   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38  | 117  | 384370   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32  | 152  | 166907   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65   | 175664   | 50.95   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 101.90% |          |
| 35) Dibromofluoromethane    | 7.55   | 113  | 126444   | 48.87   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 97.74%  |          |
| 50) Toluene-d8              | 10.06  | 98   | 481926   | 49.54   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 99.08%  |          |
| 62) 4-Bromofluorobenzene    | 12.38  | 95   | 191487   | 53.69   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 107.38% |          |
| Target Compounds            |        |      |          |         |         |          |
| 16) Acetone                 | 3.78   | 43   | 148355   | 133.875 | ug/l    | 98       |
| 52) Toluene                 | 10.13  | 92   | 12977    | 1.899   | ug/l    | 88       |
| 67) Ethyl Benzene           | 11.49  | 91   | 3550     | 0.231   | ug/l    | 95       |
| 68) m/p-Xylenes             | 11.60  | 106  | 3489     | 0.630   | ug/l    | 96       |
| 69) o-Xylene                | 11.92  | 106  | 2101     | 0.398   | ug/l    | 87       |
| 84) 1,2,4-Trimethylbenzene  | 13.01  | 105  | 8467     | 0.752   | ug/l    | 100      |

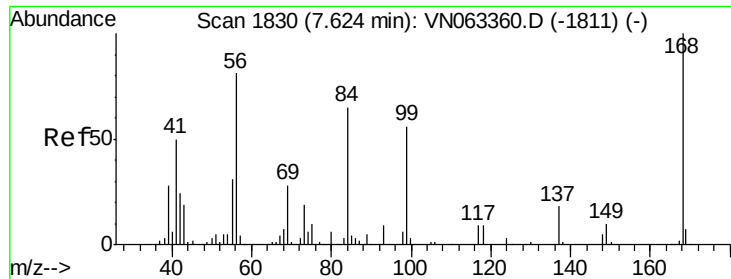
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\  
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Quant Time: Sep 24 17:53:17 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
Quant Title : SW846 8260  
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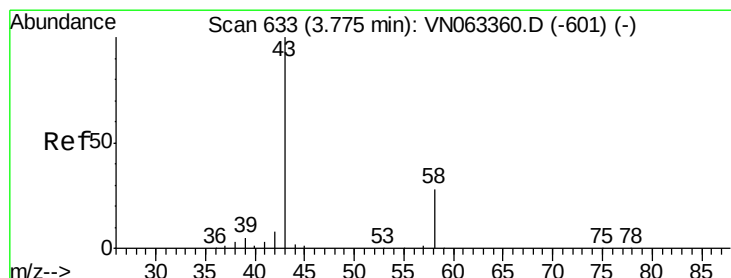
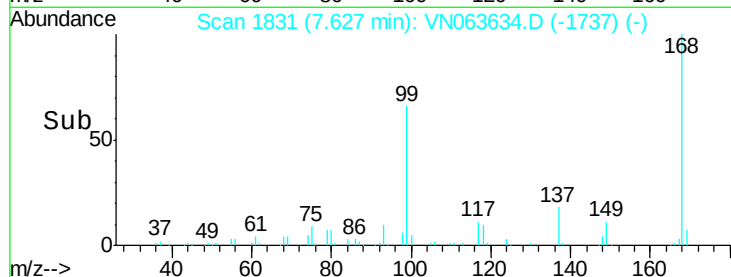
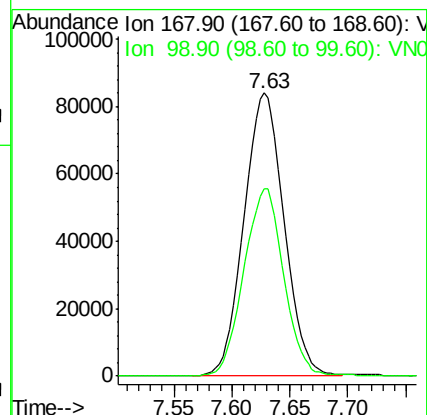
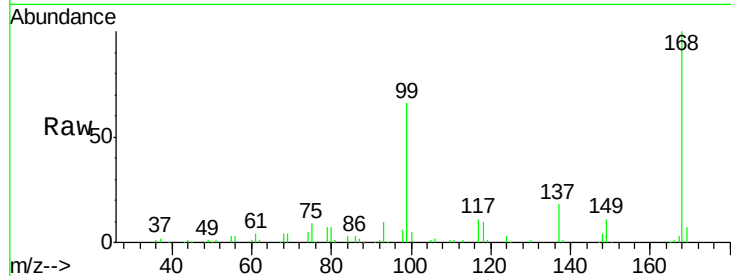




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.63 min Scan# 1831  
Delta R.T. 0.00 min  
Lab File: VN063634.D  
Acq: 24 Sep 2020 17:28

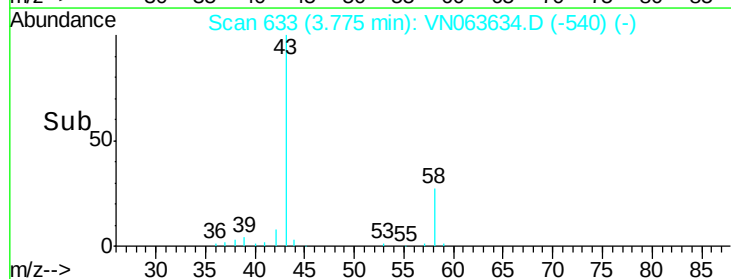
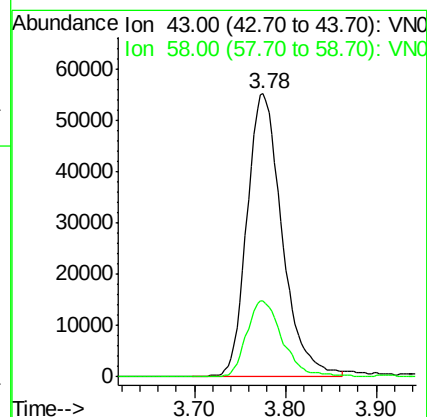
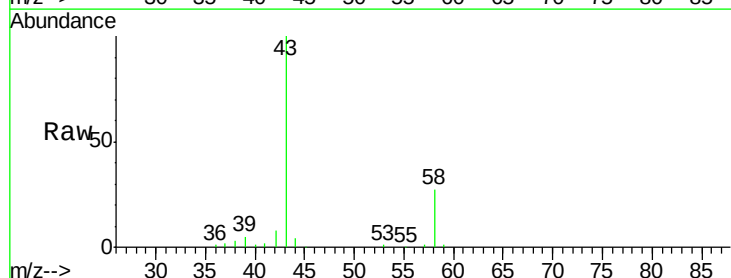
Instrument :  
MSVOA\_N  
ClientSampleId :  
228DL

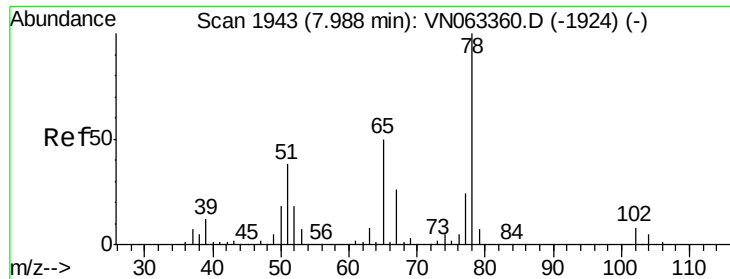
Tot Ion:168 Resp: 202559  
Ion Ratio Lower Upper  
168 100  
99 66.3 53.0 79.6



#16  
Acetone  
Concen: 133.875 ug/l  
RT: 3.78 min Scan# 633  
Delta R.T. -0.00 min  
Lab File: VN063634.D  
Acq: 24 Sep 2020 17:28

Tgt Ion: 43 Resp: 148355  
Ion Ratio Lower Upper  
43 100  
58 26.9 22.3 33.5

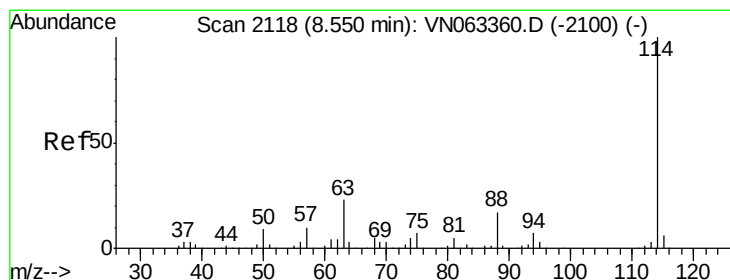
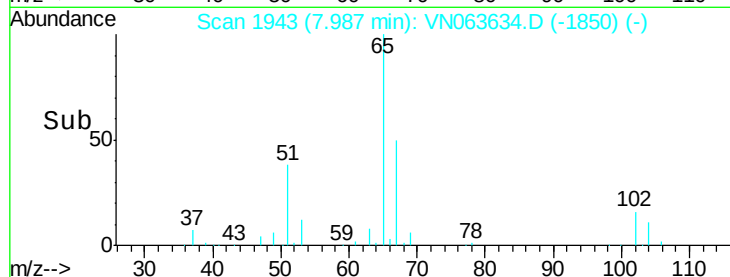
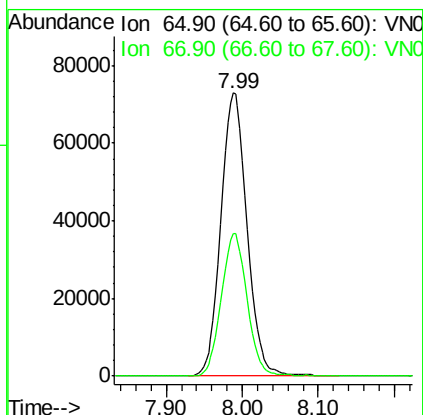
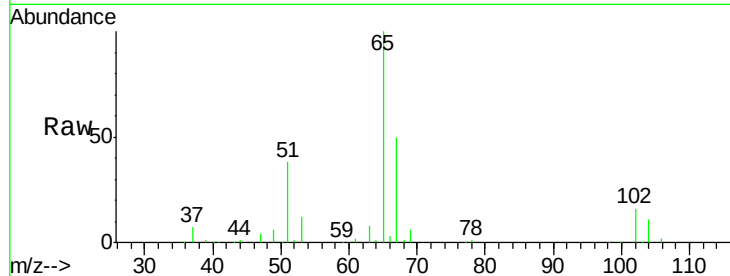




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.945 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VN063634.D  
 Acq: 24 Sep 2020 17:28

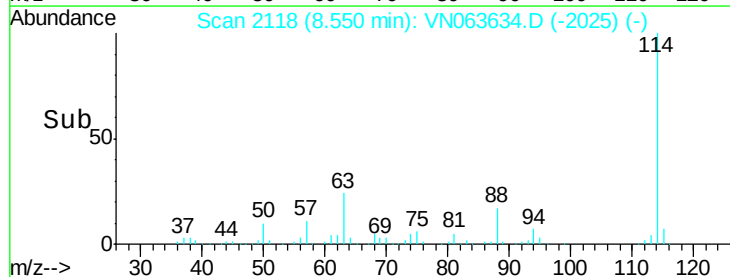
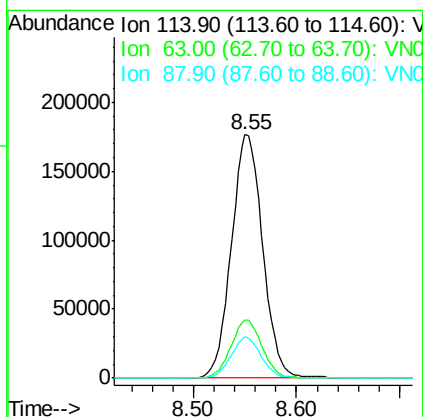
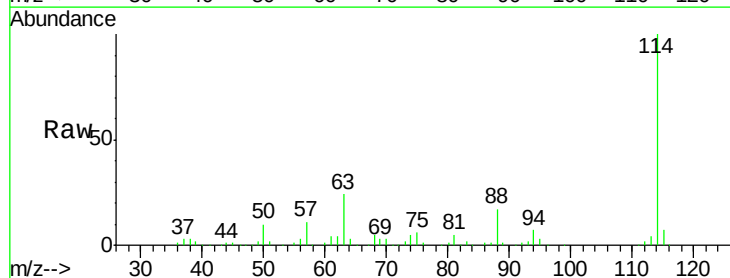
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 228DL

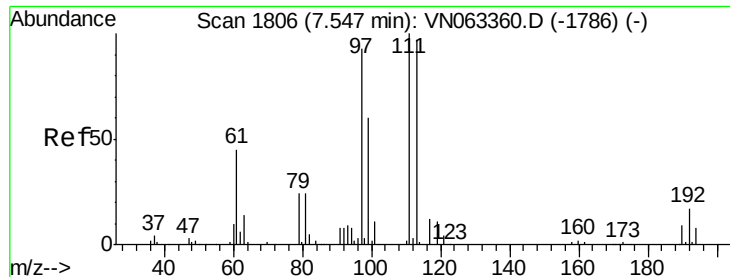
Tot Ion: 65 Resp: 175664  
 Ion Ratio Lower Upper  
 65 100  
 67 49.2 0.0 104.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN063634.D  
 Acq: 24 Sep 2020 17:28

Tgt Ion: 114 Resp: 373742  
 Ion Ratio Lower Upper  
 114 100  
 63 24.1 0.0 46.4  
 88 16.9 0.0 33.2

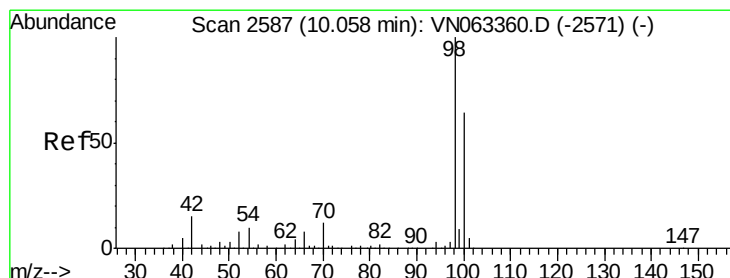
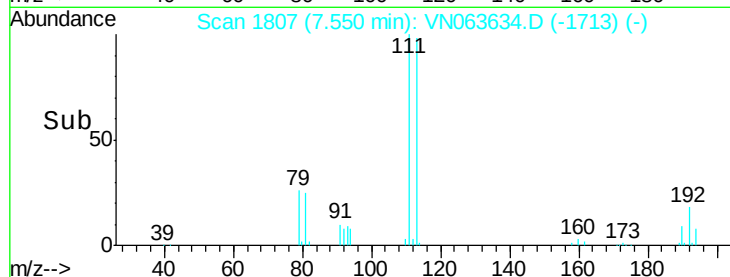
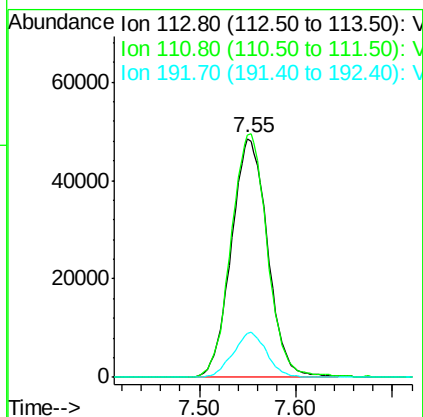
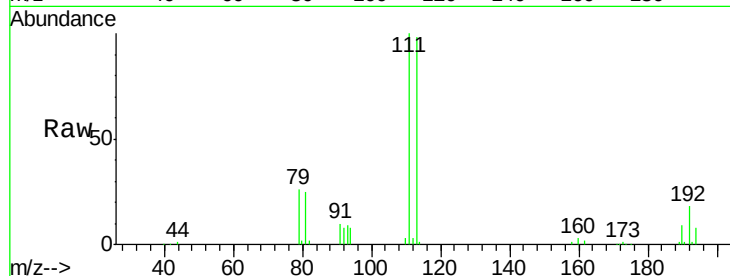




#35  
 Dibromofluoromethane  
 Concen: 48.870 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN063634.D  
 Acq: 24 Sep 2020 17:28

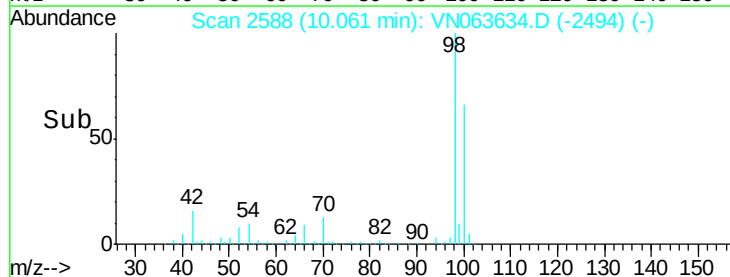
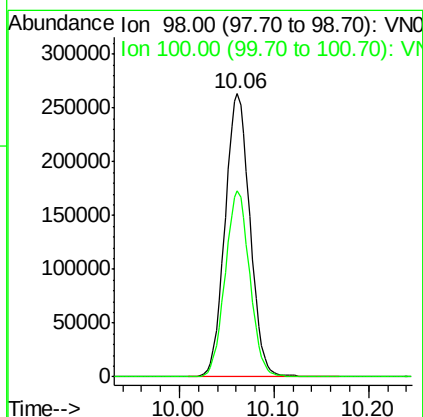
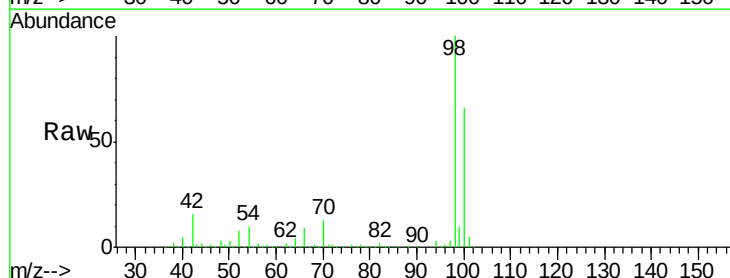
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 228DL

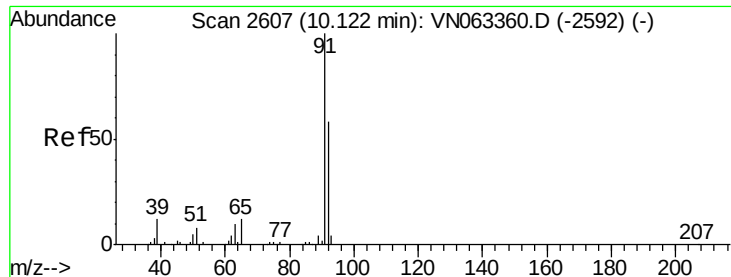
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.8 | 82.9  | 124.3 |
| 192     | 17.5  | 13.9  | 20.9  |



#50  
 Toluene-d8  
 Concen: 49.536 ug/l  
 RT: 10.06 min Scan# 2588  
 Delta R.T. 0.00 min  
 Lab File: VN063634.D  
 Acq: 24 Sep 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.9  | 50.7  | 76.1  |





#52

Toluene

Concen: 1.899 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063634.D

Acq: 24 Sep 2020 17:28

Instrument :

MSVOA\_N

ClientSampleId :

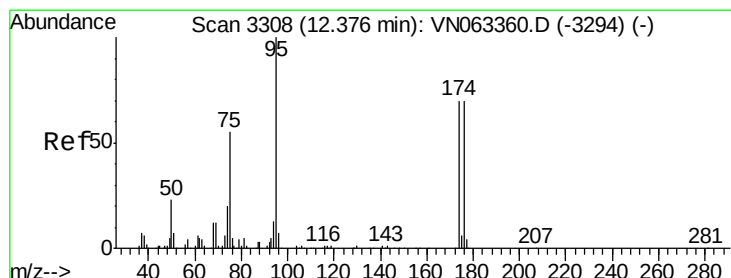
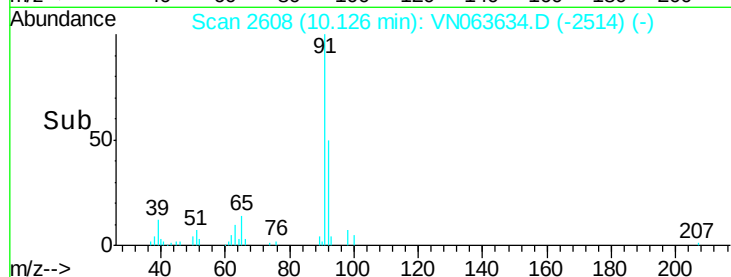
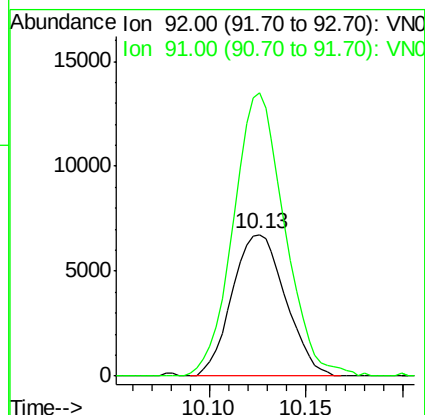
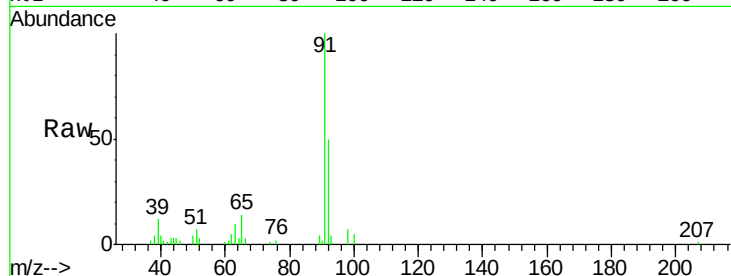
228DL

Tot Ion: 92 Resp: 12977

Ion Ratio Lower Upper

92 100

91 191.6 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 53.692 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063634.D

Acq: 24 Sep 2020 17:28

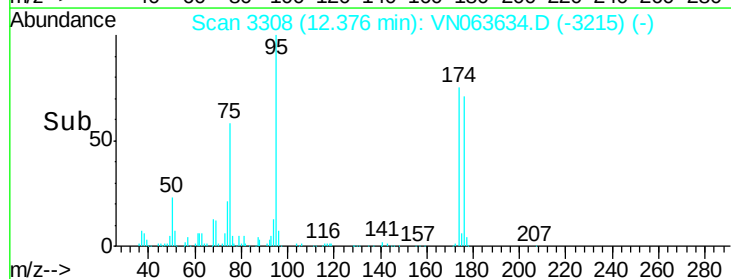
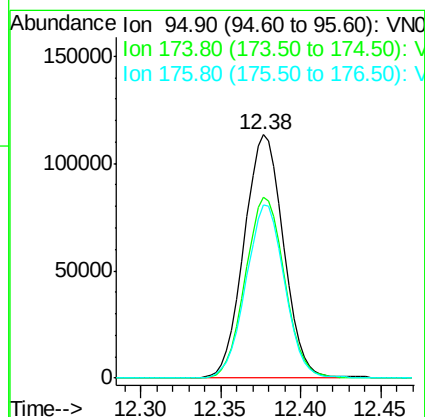
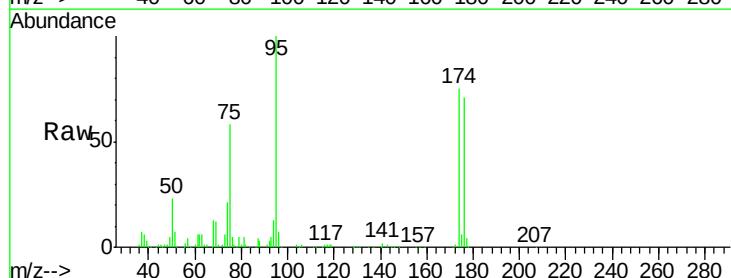
Tgt Ion: 95 Resp: 191487

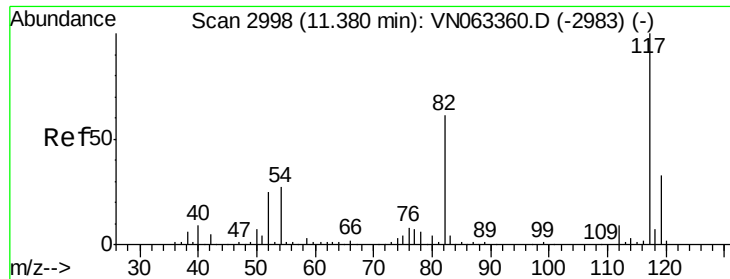
Ion Ratio Lower Upper

95 100

174 74.3 0.0 140.8

176 70.2 0.0 137.6

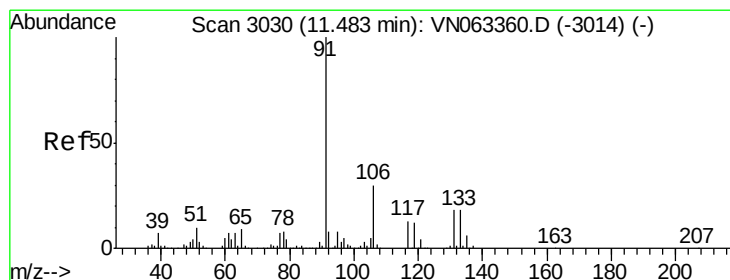
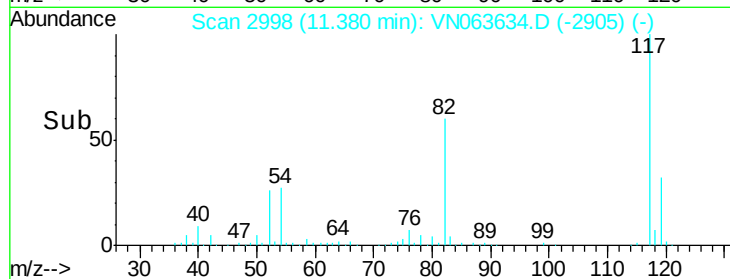
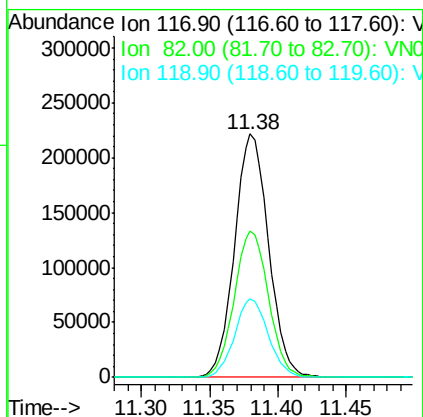
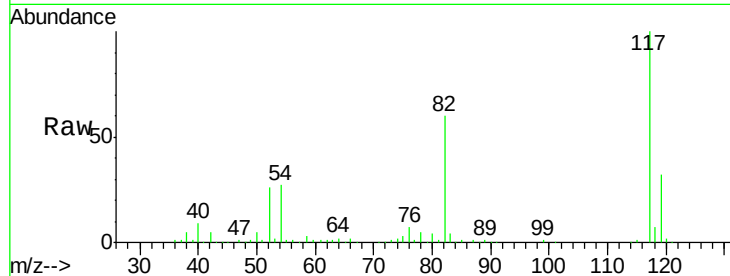




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN063634.D  
Acq: 24 Sep 2020 17:28

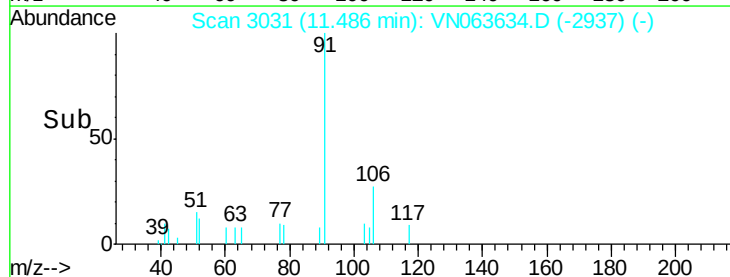
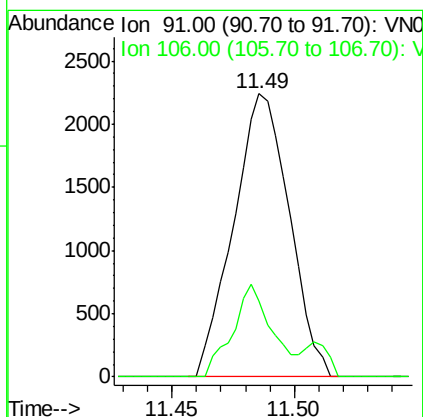
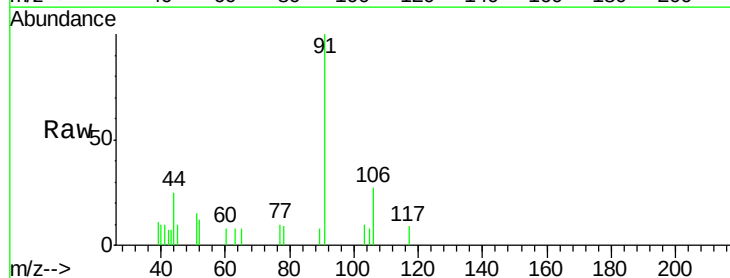
Instrument :  
MSVOA\_N  
ClientSampleId :  
228DL

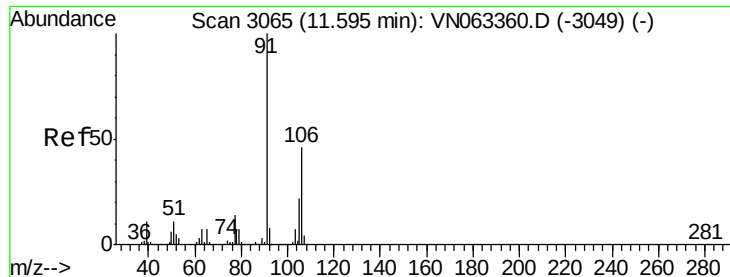
Tot Ion:117 Resp: 384370  
Ion Ratio Lower Upper  
117 100  
82 60.1 49.2 73.8  
119 32.1 26.2 39.4



#67  
Ethyl Benzene  
Concen: 0.231 ug/l  
RT: 11.49 min Scan# 3031  
Delta R.T. 0.00 min  
Lab File: VN063634.D  
Acq: 24 Sep 2020 17:28

Tgt Ion: 91 Resp: 3550  
Ion Ratio Lower Upper  
91 100  
106 27.0 23.8 35.6





#68

m/p-Xylenes

Concen: 0.630 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063634.D

Acq: 24 Sep 2020 17:28

Instrument :

MSVOA\_N

ClientSampled :

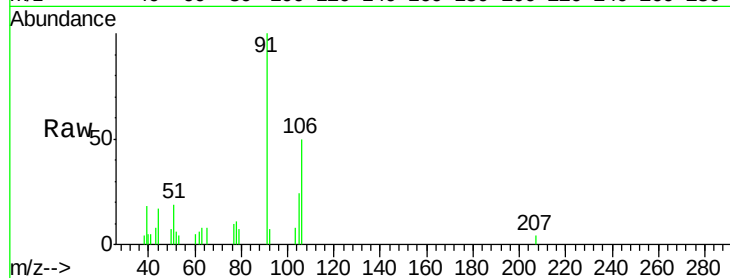
228DL

Tot Ion:106 Resp: 3489

Ion Ratio Lower Upper

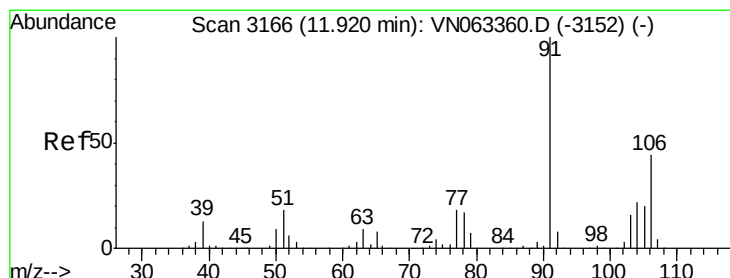
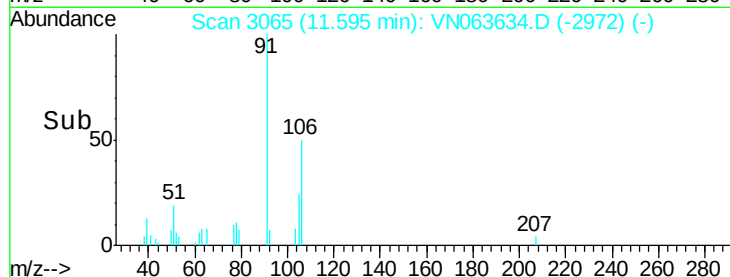
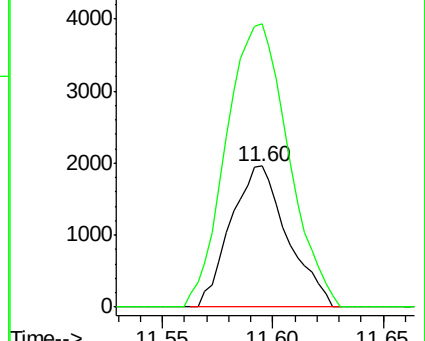
106 100

91 220.8 171.2 256.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.398 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. -0.00 min

Lab File: VN063634.D

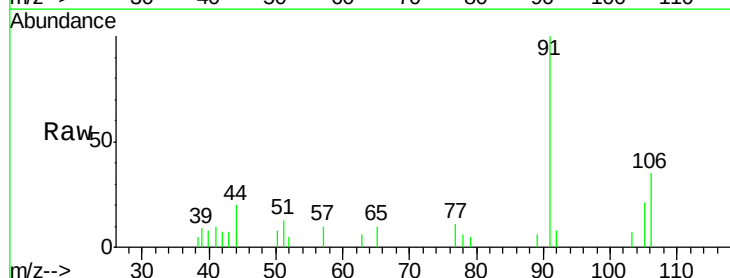
Acq: 24 Sep 2020 17:28

Tgt Ion:106 Resp: 2101

Ion Ratio Lower Upper

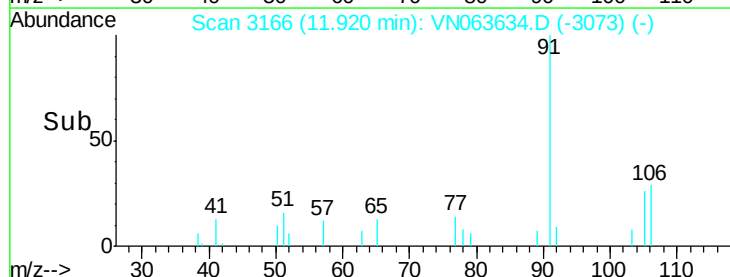
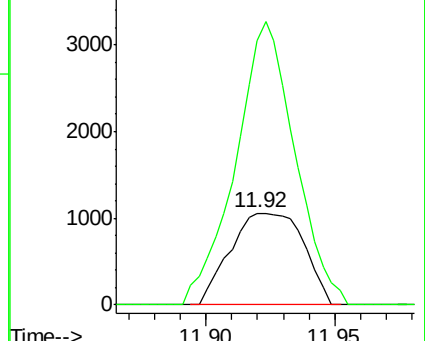
106 100

91 248.8 113.6 340.8

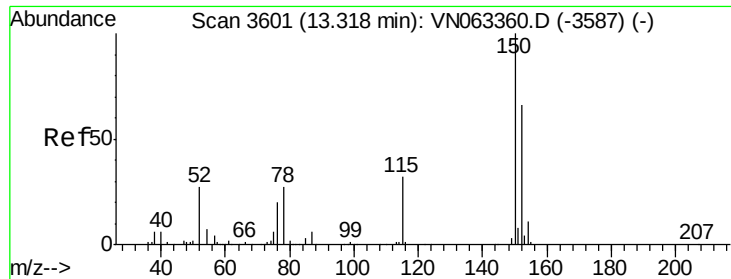


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063634.D

Acq: 24 Sep 2020 17:28

Instrument :

MSVOA\_N

ClientSampled :

228DL

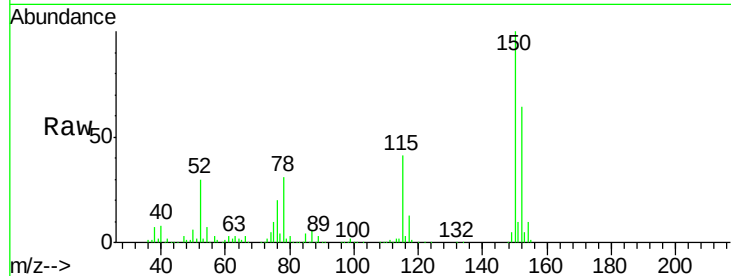
Tot Ion:152 Resp: 166907

Ion Ratio Lower Upper

152 100

115 63.0 32.2 96.6

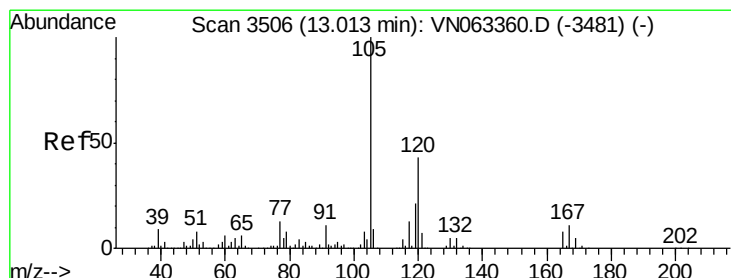
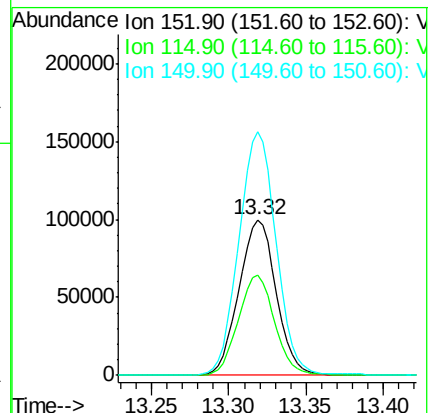
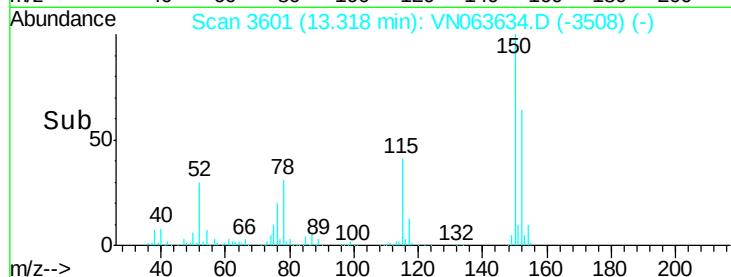
150 156.5 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 0.752 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063634.D

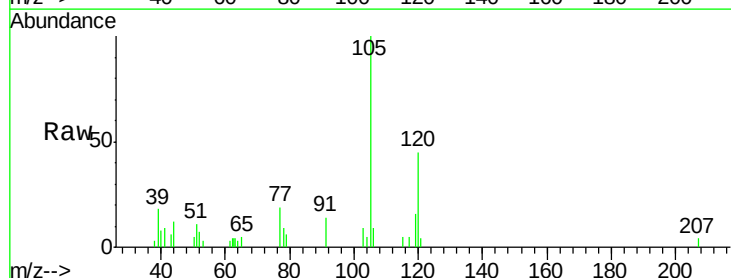
Acq: 24 Sep 2020 17:28

Tgt Ion:105 Resp: 8467

Ion Ratio Lower Upper

105 100

120 42.9 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

