

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\  
 Data File : VN064802.D  
 Acq On : 24 Nov 2020 11:50  
 Operator : JC/MD  
 Sample : L4829-07  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12

Quant Time: Nov 25 04:02:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 163269   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 296073   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 321516   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 166249   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65    | 102248   | 53.87    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 107.74% |
| 35) Dibromofluoromethane  | 7.55   | 113   | 94014    | 53.07    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 106.14% |
| 50) Toluene-d8            | 10.06  | 98    | 388030   | 53.61    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 107.22% |
| 62) 4-Bromofluorobenzene  | 12.37  | 95    | 162153   | 62.59    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 125.18% |

## Target Compounds

|                                |       |     |         |         |        | Qvalue |
|--------------------------------|-------|-----|---------|---------|--------|--------|
| 14) Allyl chloride             | 4.03  | 41  | 1326    | 0.508   | ug/l # | 52     |
| 16) Acetone                    | 3.79  | 43  | 4123    | 6.608   | ug/l   | 100    |
| 17) Carbon Disulfide           | 4.01  | 76  | 6846    | 1.680   | ug/l   | 100    |
| 18) Methyl Acetate             | 4.02  | 43  | 4260    | 2.271   | ug/l # | 50     |
| 19) Methyl tert-butyl Ether    | 5.00  | 73  | 1174    | 0.231   | ug/l   | 96     |
| 25) 2-Butanone                 | 6.79  | 43  | 682     | 0.674   | ug/l # | 49     |
| 31) Cyclohexane                | 7.61  | 56  | 4195    | 1.586   | ug/l # | 13     |
| 36) 1,1-Dichloropropene        | 7.62  | 75  | 11657   | 4.248   | ug/l # | 50     |
| 37) Ethyl Acetate              | 6.79  | 43  | 682     | 0.258   | ug/l # | 66     |
| 38) Carbon Tetrachloride       | 7.63  | 117 | 15482   | 5.422   | ug/l # | 17     |
| 39) Methylcyclohexane          | 9.05  | 83  | 75400   | 25.523  | ug/l   | 99     |
| 40) Benzene                    | 8.00  | 78  | 62646   | 7.449   | ug/l   | 100    |
| 45) 1,2-Dichloropropane        | 9.04  | 63  | 679     | 0.312   | ug/l # | 1      |
| 48) Methyl methacrylate        | 9.23  | 41  | 3088    | 1.519   | ug/l # | 74     |
| 51) 4-Methyl-2-Pentanone       | 9.96  | 43  | 813     | 0.318   | ug/l # | 35     |
| 52) Toluene                    | 10.12 | 92  | 33845   | 6.535   | ug/l   | 99     |
| 55) 1,1,2-Trichloroethane      | 10.50 | 97  | 13595   | 6.384   | ug/l # | 17     |
| 56) Ethyl methacrylate         | 10.40 | 69  | 5109    | 1.738   | ug/l # | 13     |
| 67) Ethyl Benzene              | 11.48 | 91  | 3875859 | 336.026 | ug/l   | 95     |
| 68) m/p-Xylenes                | 11.60 | 106 | 593205  | 135.838 | ug/l   | 99     |
| 69) o-Xylene                   | 11.92 | 106 | 600411  | 144.884 | ug/l   | 99     |
| 70) Styrene                    | 11.92 | 104 | 31158   | 4.454   | ug/l # | 1      |
| 73) Isopropylbenzene           | 12.22 | 105 | 1102135 | 95.309  | ug/l   | 100    |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75  | 6288    | 1.756   | ug/l # | 100    |
| 78) n-propylbenzene            | 12.56 | 91  | 1116096 | 84.723  | ug/l   | 99     |
| 79) 2-Chlorotoluene            | 12.66 | 91  | 140574  | 17.263  | ug/l # | 45     |
| 80) 1,3,5-Trimethylbenzene     | 12.70 | 105 | 746184  | 77.632  | ug/l   | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.22 | 75  | 11438   | 8.756   | ug/l # | 55     |
| 82) 4-Chlorotoluene            | 12.70 | 91  | 70635   | 8.275   | ug/l # | 41     |
| 83) tert-Butylbenzene          | 13.01 | 119 | 574496  | 71.308  | ug/l # | 71     |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105 | 4328056 | 445.357 | ug/l   | 97     |
| 85) sec-Butylbenzene           | 13.01 | 105 | 4328056 | 404.609 | ug/l # | 56     |
| 86) p-Isopropyltoluene         | 13.26 | 119 | 134676  | 13.829  | ug/l   | 88     |
| 89) n-Butylbenzene             | 13.51 | 91  | 951813  | 111.291 | ug/l # | 44     |

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Acq On : 24 Nov 2020 11:50  
Operator : JC/MD  
Sample : L4829-07  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 6 Sample Multiplier: 1

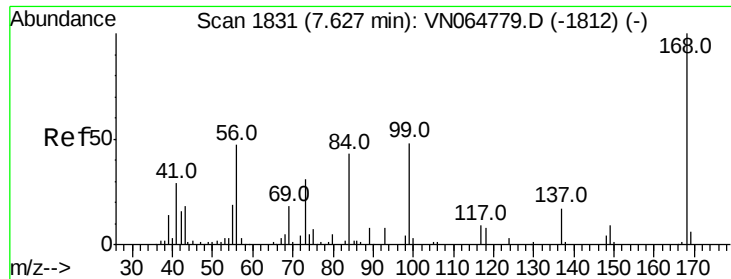
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12

Quant Time: Nov 25 04:02:41 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 23 13:54:12 2020  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 90) Hexachloroethane           | 13.86 | 117  | 86965    | 51.403   | ug/l # | 9        |
| 92) 1,2-Dibromo-3-Chloropropan | 14.22 | 75   | 5782     | 7.582    | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene     | 14.88 | 180  | 1531     | 0.455    | ug/l # | 7        |
| 94) Hexachlorobutadiene        | 14.98 | 225  | 617      | 0.777    | ug/l   | 92       |
| 95) Naphthalene                | 15.10 | 128  | 11357167 | 1126.789 | ug/l # | 67       |
| 96) 1,2,3-Trichlorobenzene     | 15.28 | 180  | 1464     | 1.837    | ug/l # | 63       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA\_N

ClientSampleId :

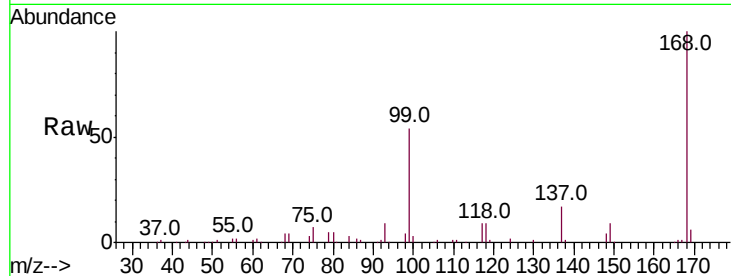
MW-12

Tot Ion:168 Resp: 163269

Ion Ratio Lower Upper

168 100

99 54.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

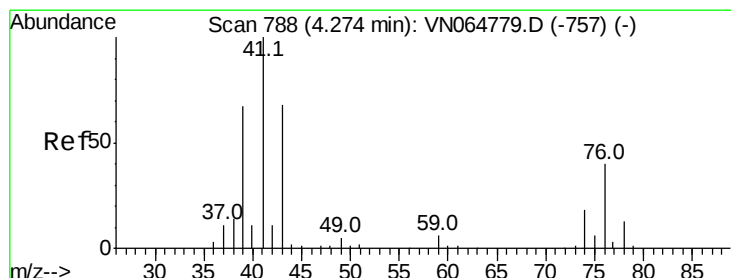
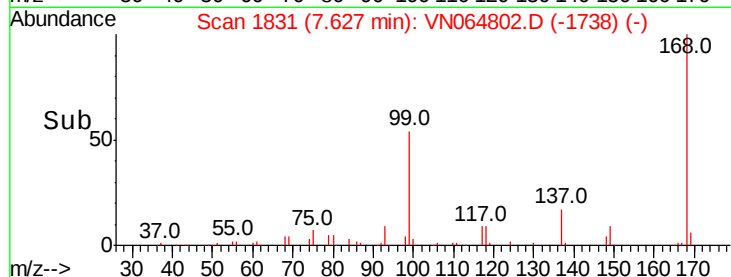
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#14

Allyl chloride

Concen: 0.508 ug/l

RT: 4.03 min Scan# 713

Delta R.T. -0.24 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

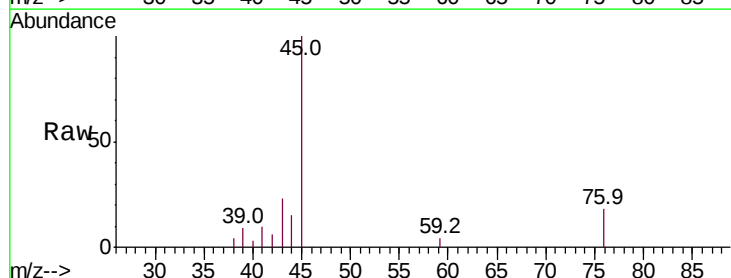
Tgt Ion: 41 Resp: 1326

Ion Ratio Lower Upper

41 100

39 32.7 50.9 76.3#

76 0.0 29.0 43.4#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

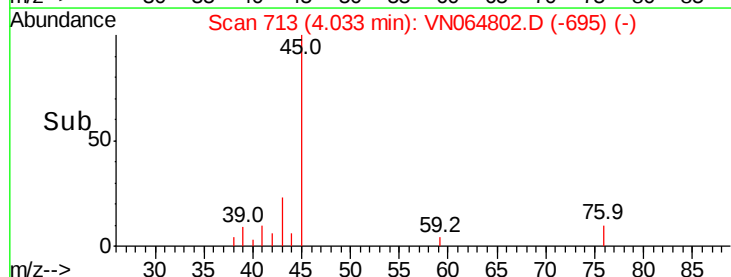
3000

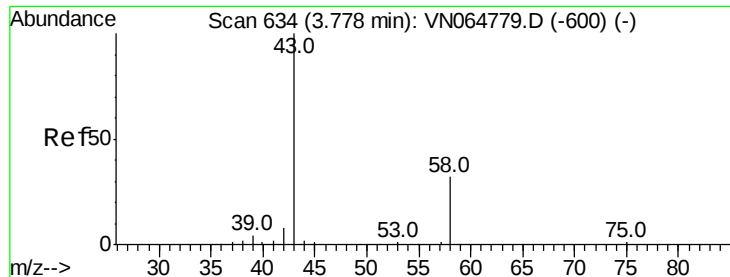
2000

1000

0

Time--> 4.00 4.05





#16

Acetone

Concen: 6.608 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA\_N

ClientSampled :

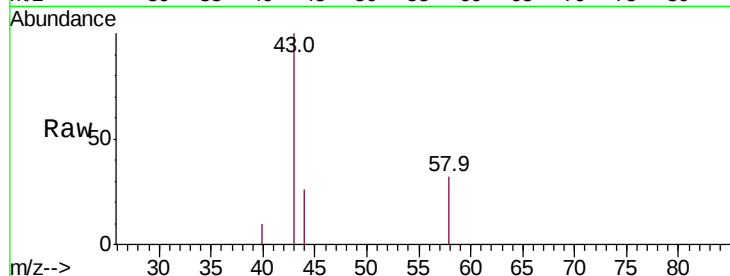
MW-12

Tot Ion: 43 Resp: 4123

Ion Ratio Lower Upper

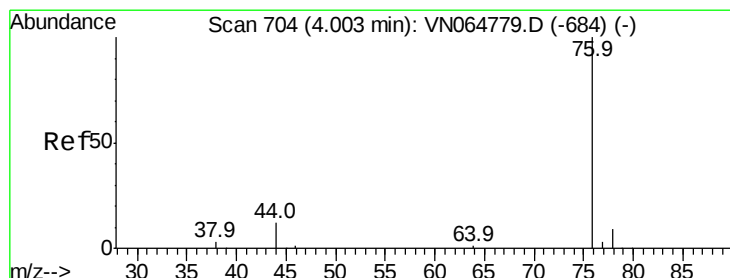
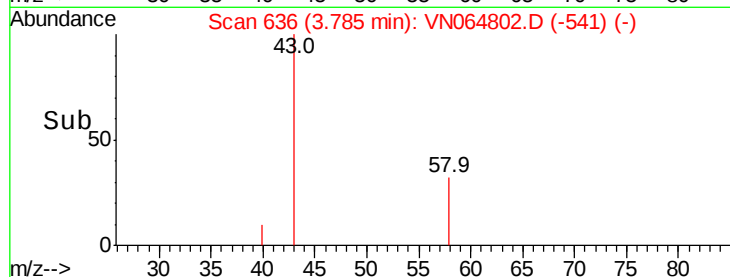
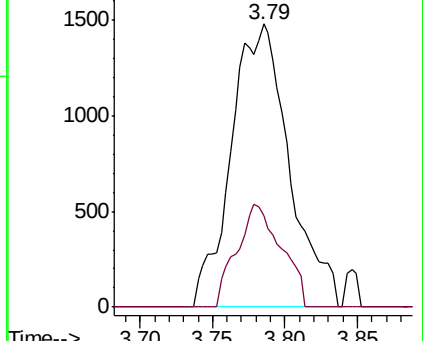
43 100

58 32.2 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 1.680 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064802.D

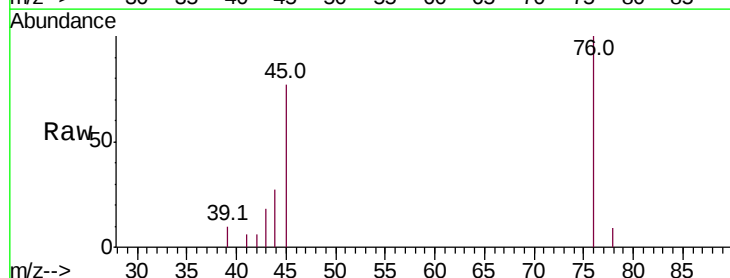
Acq: 24 Nov 2020 11:50

Tgt Ion: 76 Resp: 6846

Ion Ratio Lower Upper

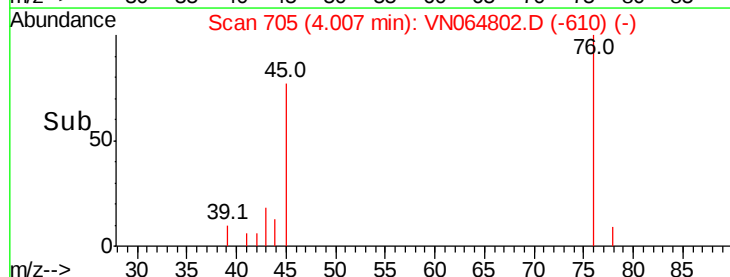
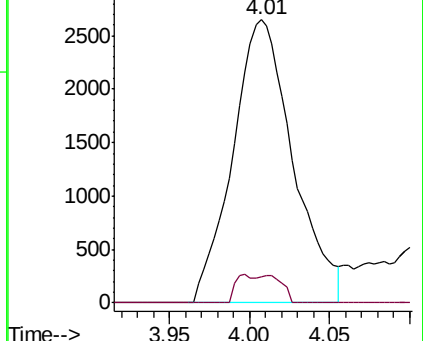
76 100

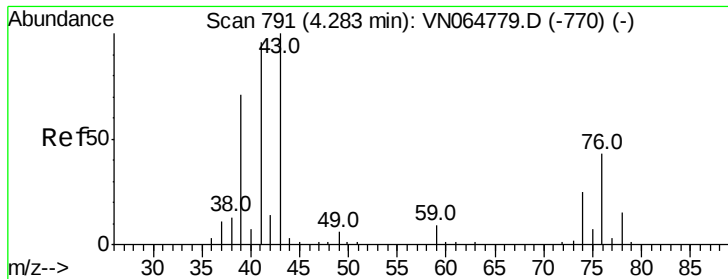
78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

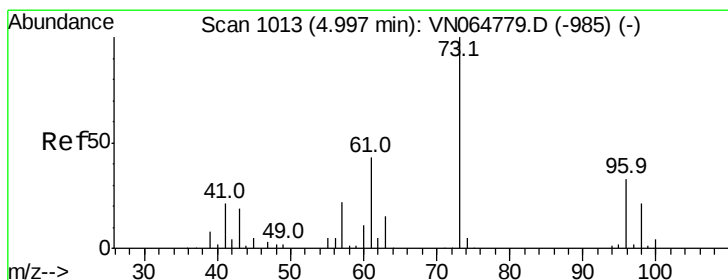
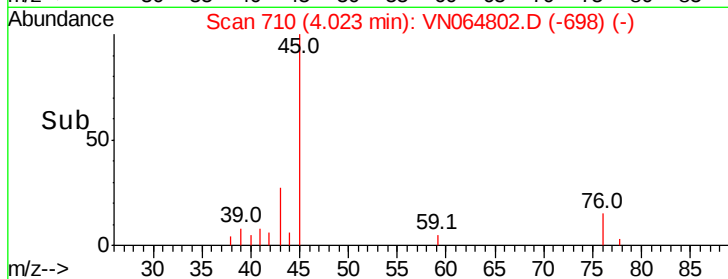
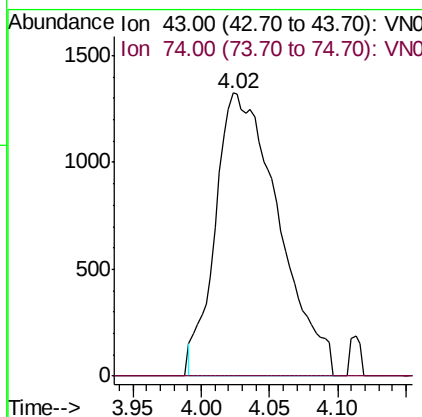
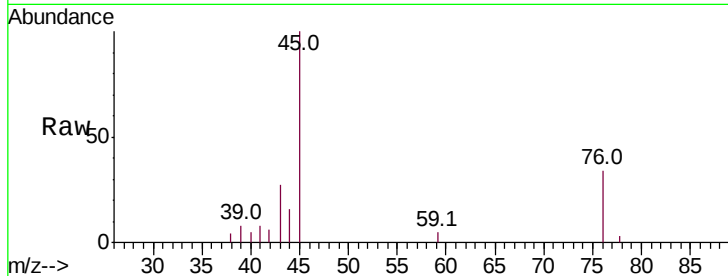




#18  
Methyl Acetate  
Concen: 2.271 ug/l  
RT: 4.02 min Scan# 710  
Delta R.T. -0.26 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

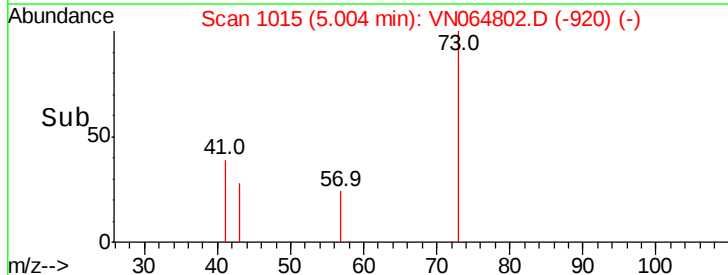
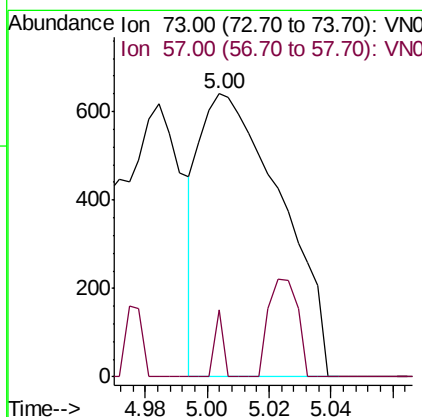
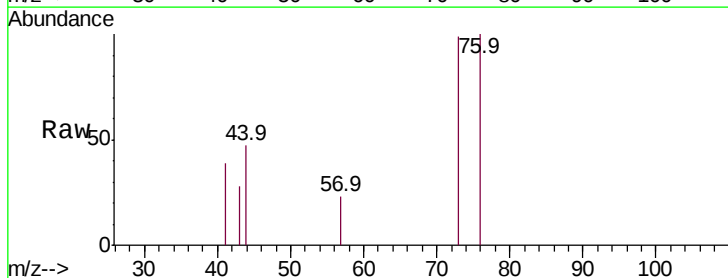
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-12

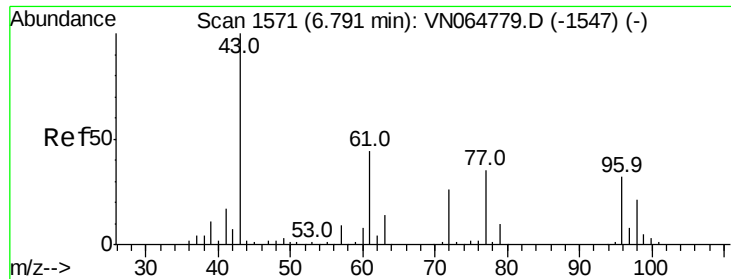
Tot Ion: 43 Resp: 4260  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.2 30.2#



#19  
Methyl tert-butyl Ether  
Concen: 0.231 ug/l  
RT: 5.00 min Scan# 1015  
Delta R.T. 0.01 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Tgt Ion: 73 Resp: 1174  
Ion Ratio Lower Upper  
73 100  
57 23.6 17.4 26.0

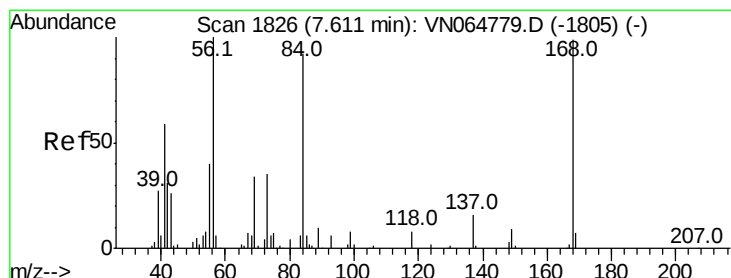
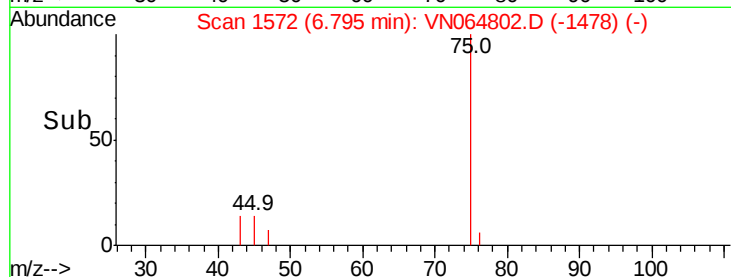
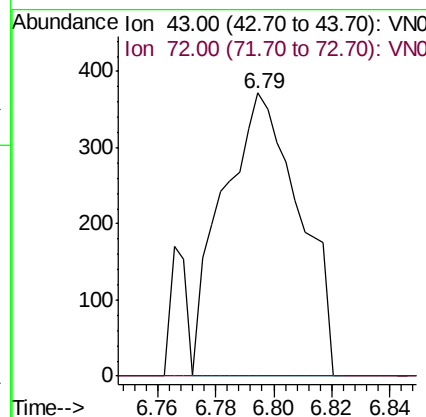
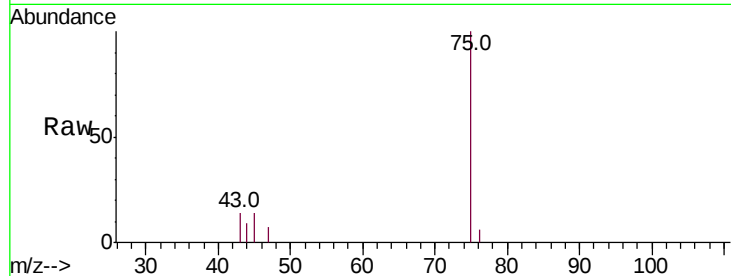




#25  
2-Butanone  
Concen: 0.674 ug/l  
RT: 6.79 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

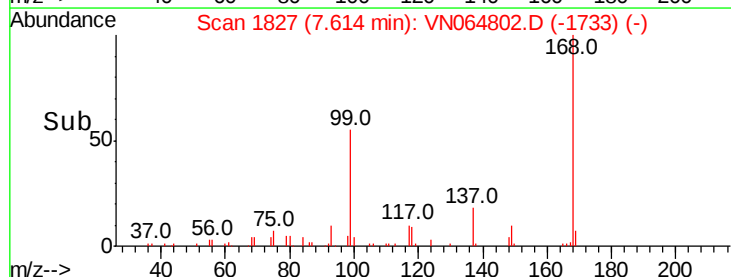
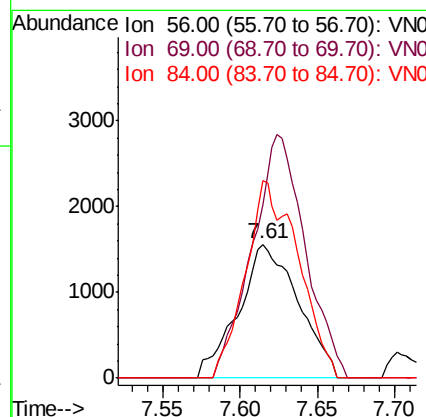
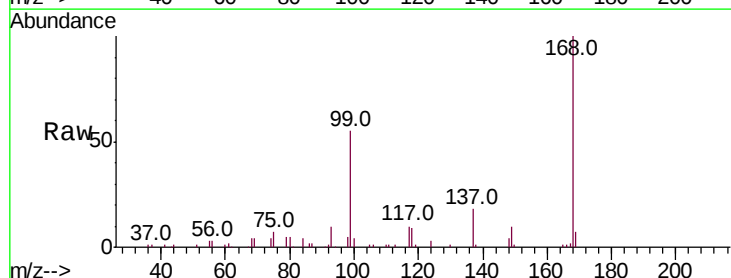
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12

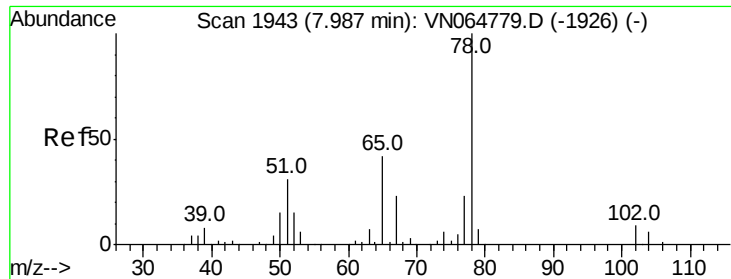
Tot Ion: 43 Resp: 682  
Ion Ratio Lower Upper  
43 100  
72 0.0 21.0 31.6#



#31  
Cyclohexane  
Concen: 1.586 ug/l  
RT: 7.61 min Scan# 1827  
Delta R.T. 0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Tgt Ion: 56 Resp: 4195  
Ion Ratio Lower Upper  
56 100  
69 129.3 27.5 41.3#  
84 147.9 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 53.868 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA\_N

ClientSampled :

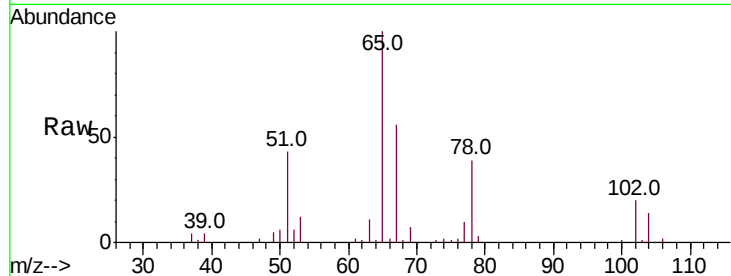
MW-12

Tot Ion: 65 Resp: 102248

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064802.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064802.D (-1850) (-)

7.99

50000

40000

30000

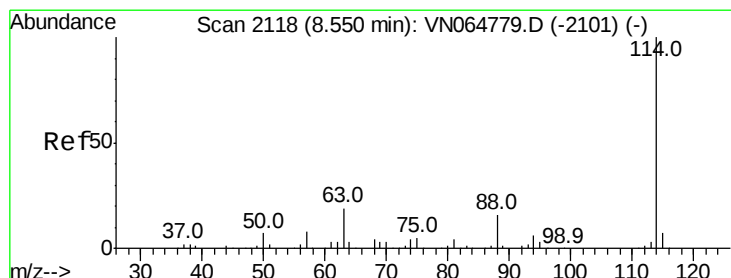
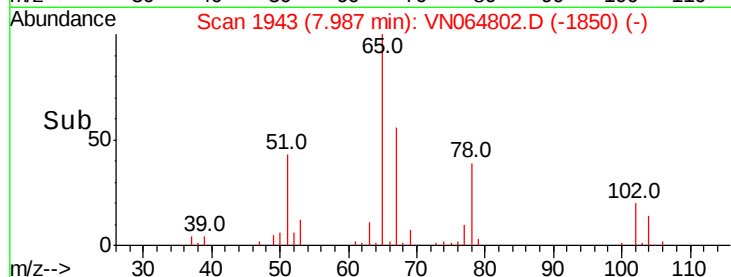
20000

10000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

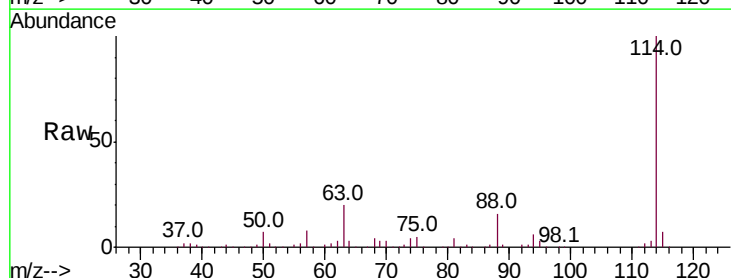
Tgt Ion: 114 Resp: 296073

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

88 15.6 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064802.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064802.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064802.D (-2025) (-)

8.55

150000

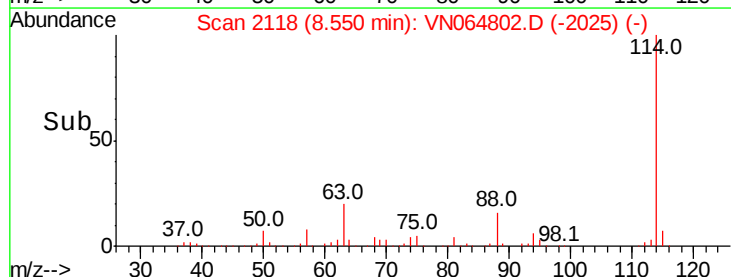
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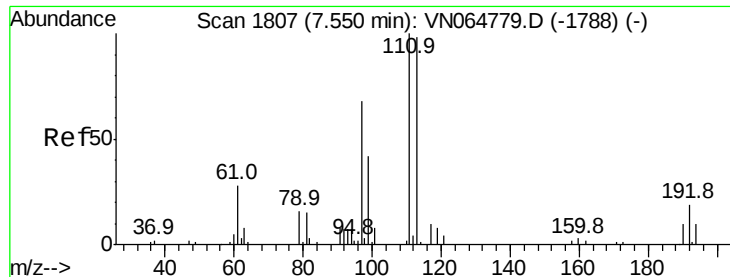
50000

0

Time-->

8.50 8.60

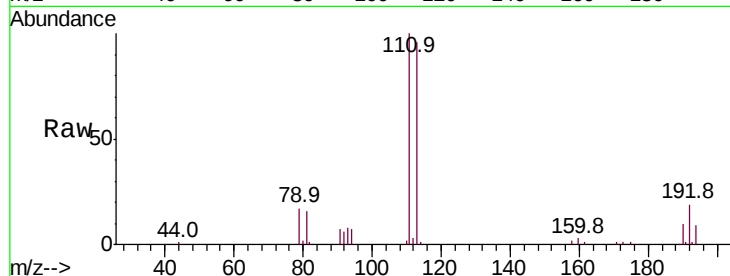




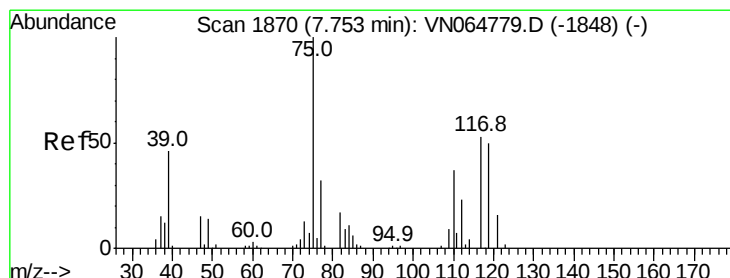
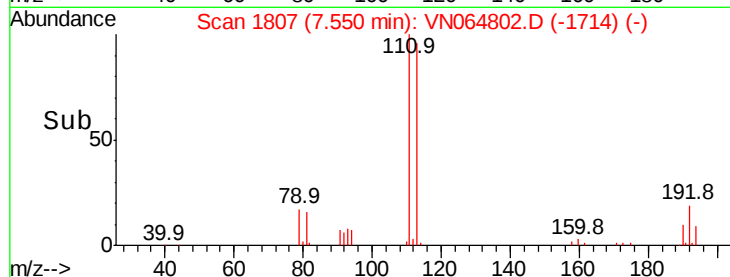
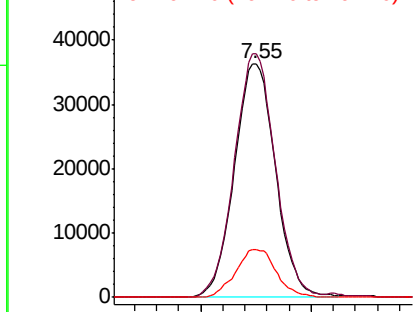
#35  
 Dibromofluoromethane  
 Concen: 53.067 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN064802.D  
 Acq: 24 Nov 2020 11:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12

Tot Ion:113 Resp: 94014  
 Ion Ratio Lower Upper  
 113 100  
 111 103.4 81.6 122.4  
 192 20.2 16.2 24.2

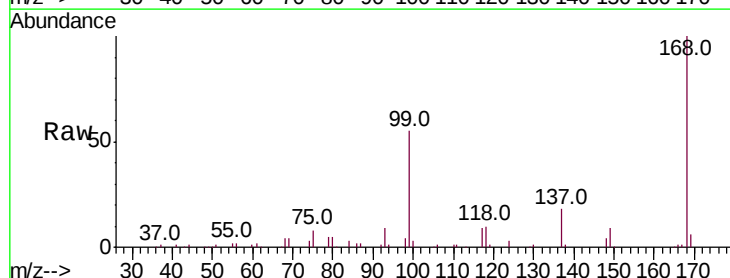


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

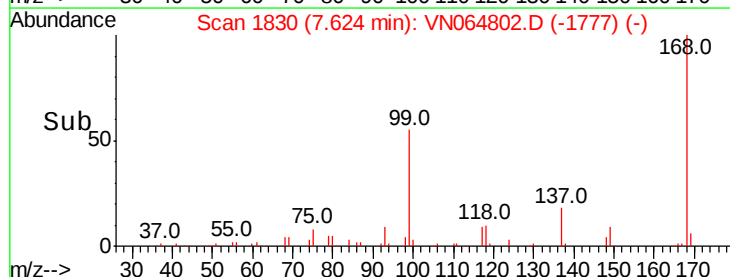
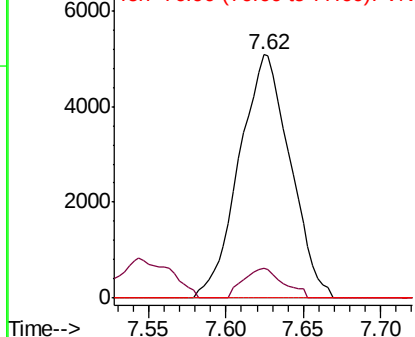


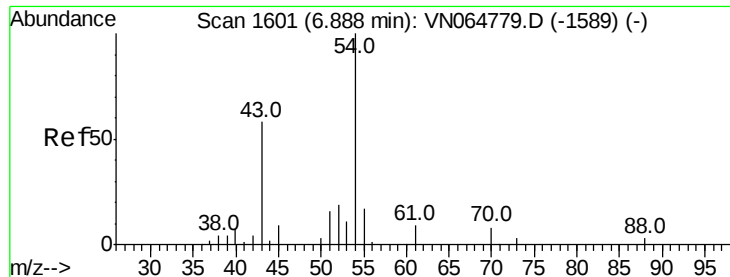
#36  
 1,1-Dichloropropene  
 Concen: 4.248 ug/l  
 RT: 7.62 min Scan# 1830  
 Delta R.T. -0.13 min  
 Lab File: VN064802.D  
 Acq: 24 Nov 2020 11:50

Tgt Ion: 75 Resp: 11657  
 Ion Ratio Lower Upper  
 75 100  
 110 9.6 17.8 53.3#  
 77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): V

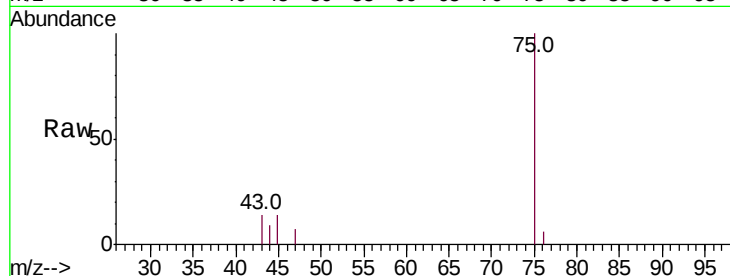




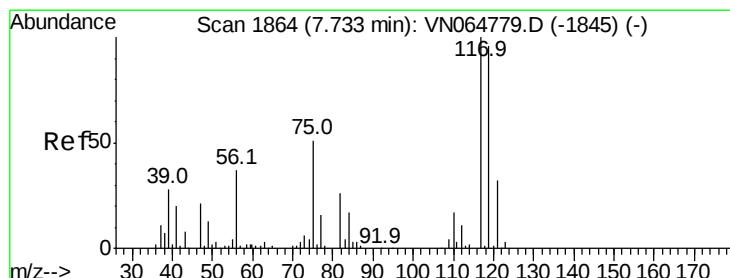
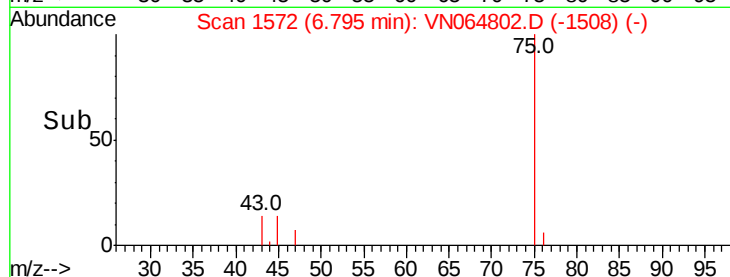
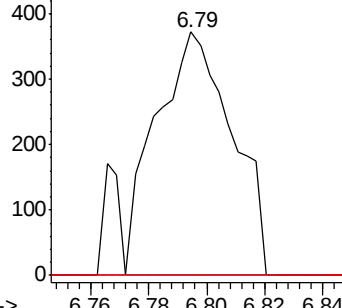
#37  
Ethyl Acetate  
Concen: 0.258 ug/l  
RT: 6.79 min Scan# 1572  
Delta R.T. -0.09 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Instrument :  
MSVOA\_N  
ClientSampled :  
MW-12

Tot Ion: 43 Resp: 682  
Ion Ratio Lower Upper  
43 100  
61 0.0 12.8 19.2#  
70 0.0 8.8 13.2#

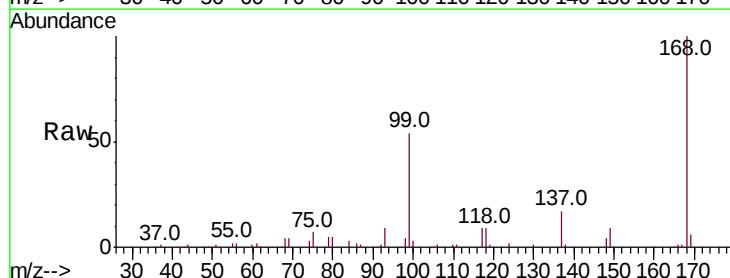


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

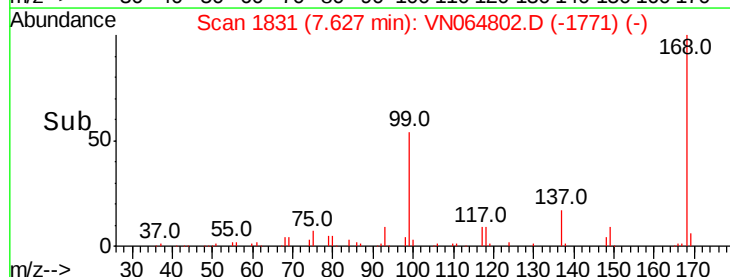
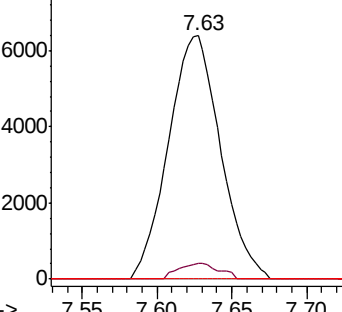


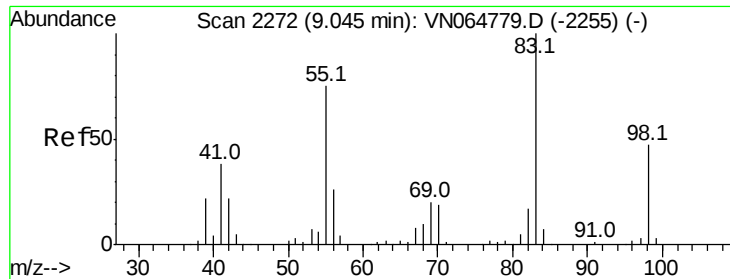
#38  
Carbon Tetrachloride  
Concen: 5.422 ug/l  
RT: 7.63 min Scan# 1831  
Delta R.T. -0.11 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Tgt Ion: 117 Resp: 15482  
Ion Ratio Lower Upper  
117 100  
119 6.4 76.7 115.1#  
121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

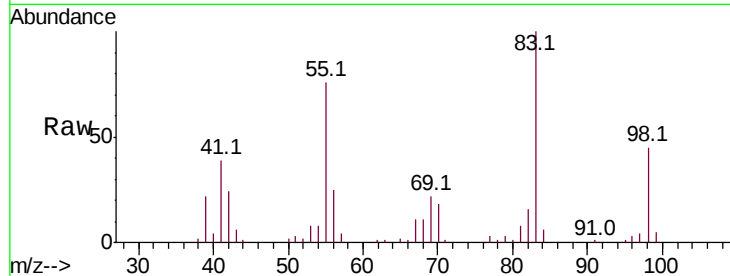




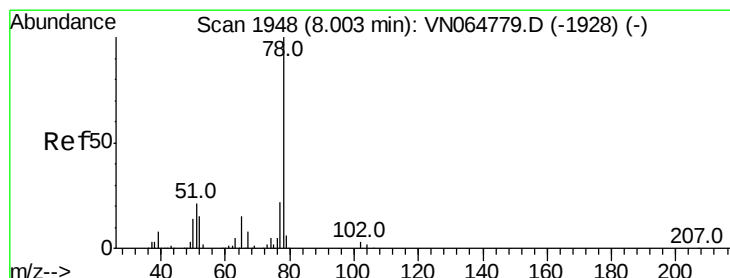
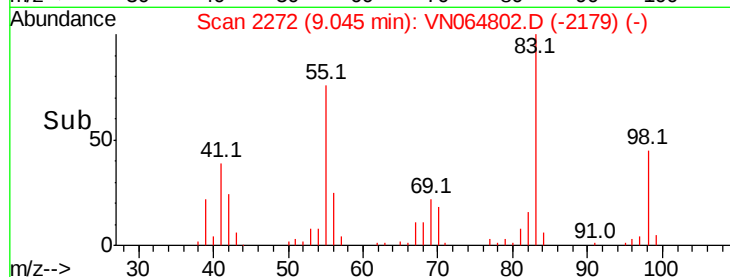
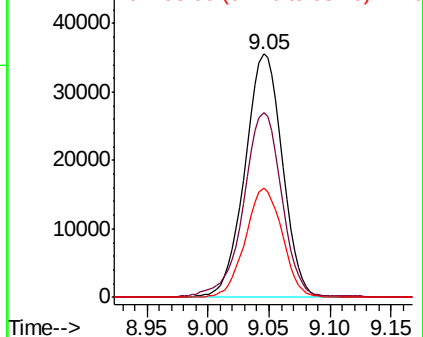
#39  
Methvlcvclohexane  
Concen: 25.523 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Instrument :  
MSVOA\_N  
ClientSampled :  
MW-12

Tot Ion: 83 Resp: 75400  
Ion Ratio Lower Upper  
83 100  
55 75.2 60.2 90.2  
98 44.7 37.4 56.2

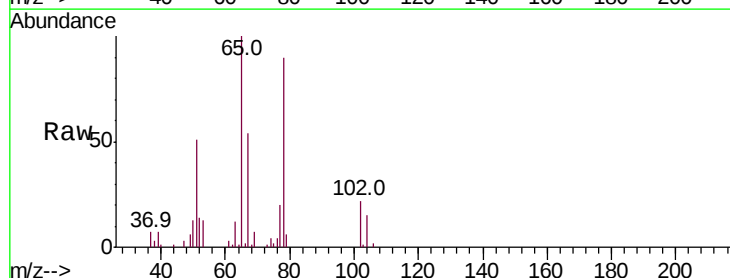


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

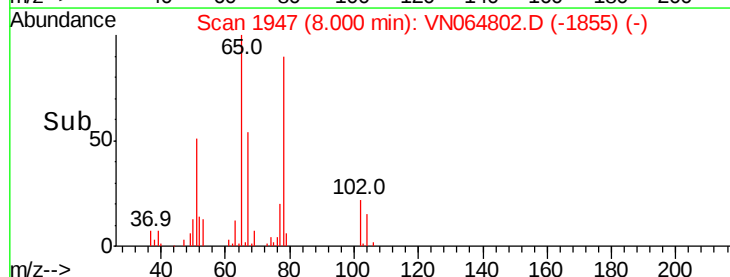
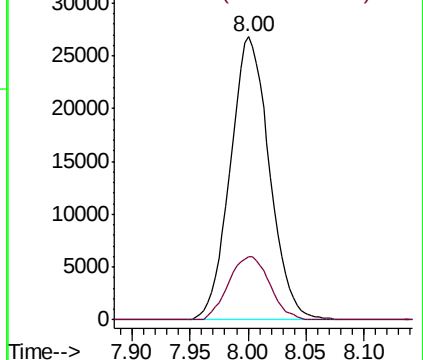


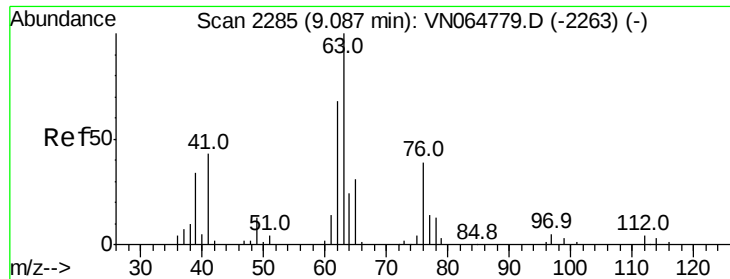
#40  
Benzene  
Concen: 7.449 ug/l  
RT: 8.00 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Tgt Ion: 78 Resp: 62646  
Ion Ratio Lower Upper  
78 100  
77 22.2 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0





#45

1,2-Dichloropropane

Concen: 0.312 ug/l

RT: 9.04 min Scan# 2271

Delta R.T. -0.04 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA\_N

ClientSampled :

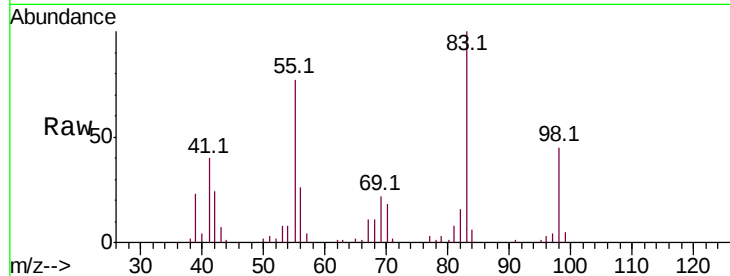
MW-12

Tot Ion: 63 Resp: 679

Ion Ratio Lower Upper

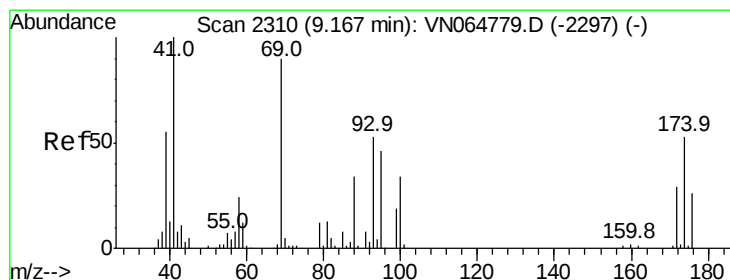
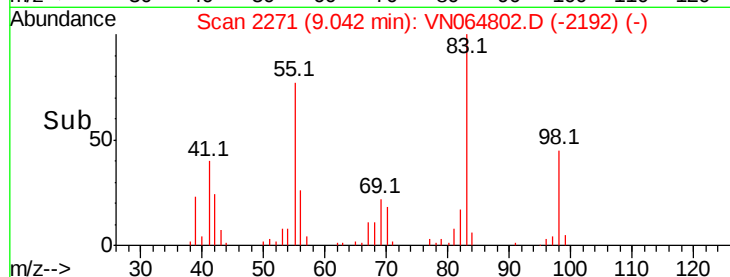
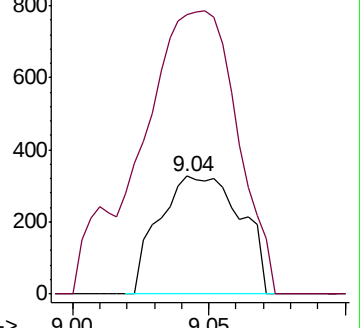
63 100

65 237.4 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.519 ug/l

RT: 9.23 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

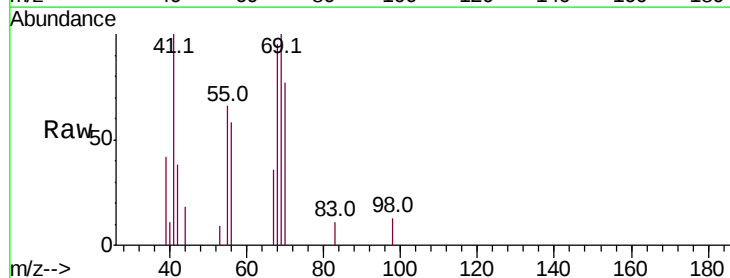
Tgt Ion: 41 Resp: 3088

Ion Ratio Lower Upper

41 100

69 122.2 71.8 107.8#

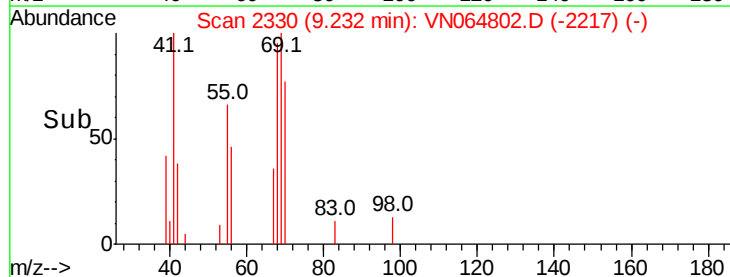
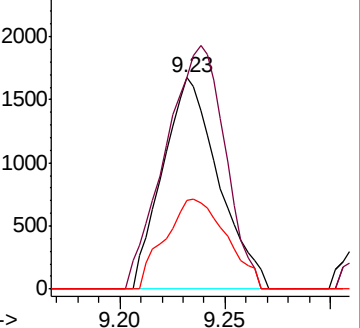
39 46.7 44.1 66.1

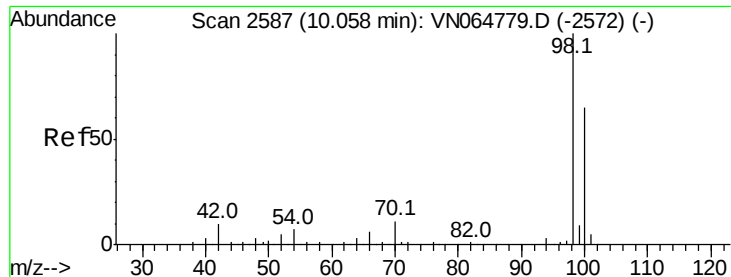


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 53.605 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA\_N

ClientSampleId :

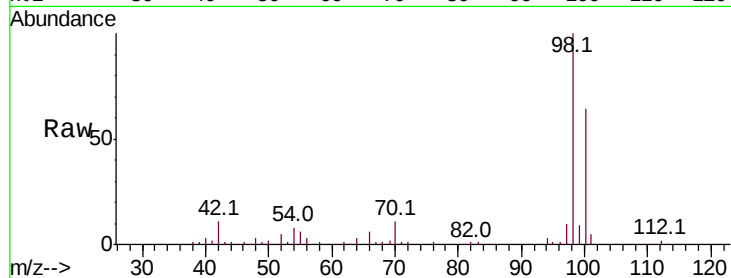
MW-12

Tot Ion: 98 Resp: 388030

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.06

250000

200000

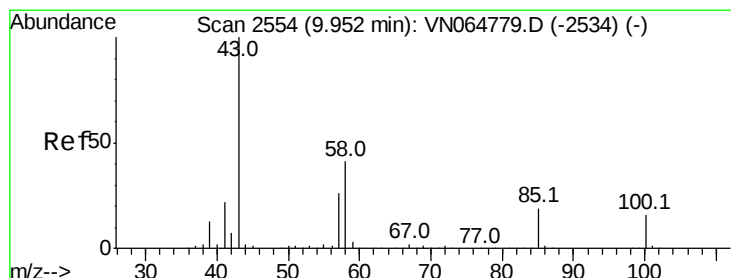
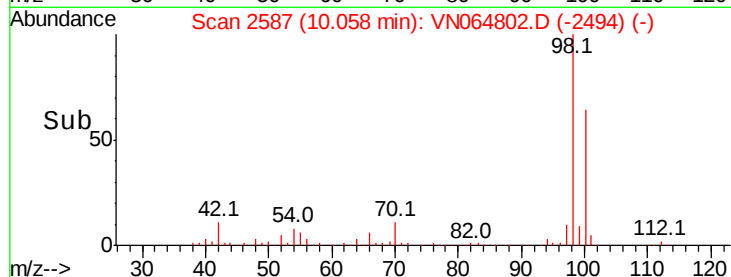
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.318 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064802.D

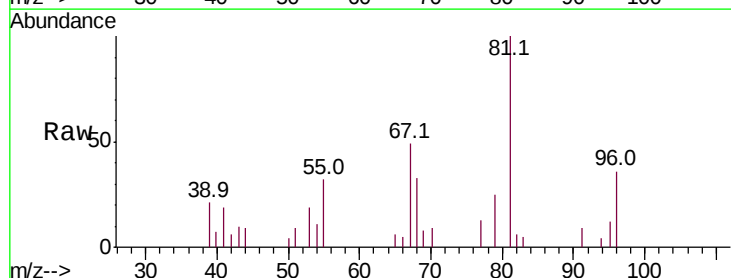
Acq: 24 Nov 2020 11:50

Tgt Ion: 43 Resp: 813

Ion Ratio Lower Upper

43 100

58 0.0 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.96

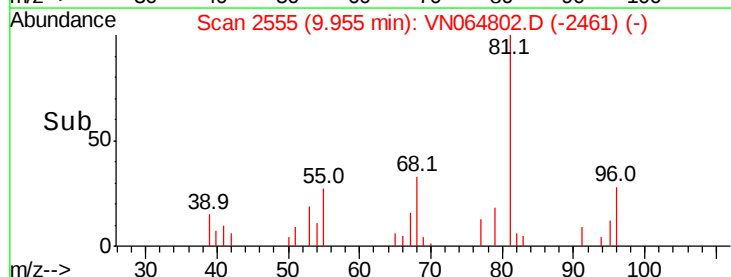
300

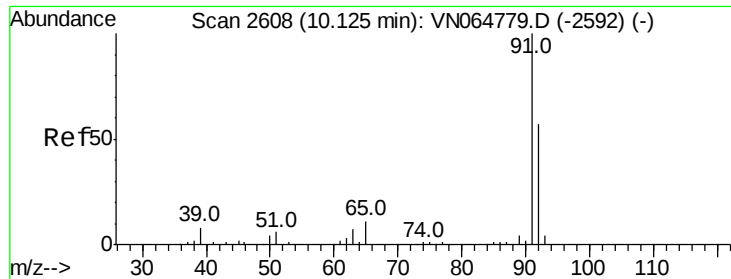
200

100

0

Time-->





#52

Toluene

Concen: 6.535 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA\_N

ClientSampleId :

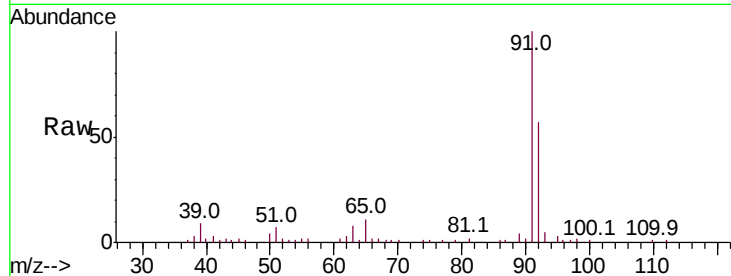
MW-12

Tot Ion: 92 Resp: 33845

Ion Ratio Lower Upper

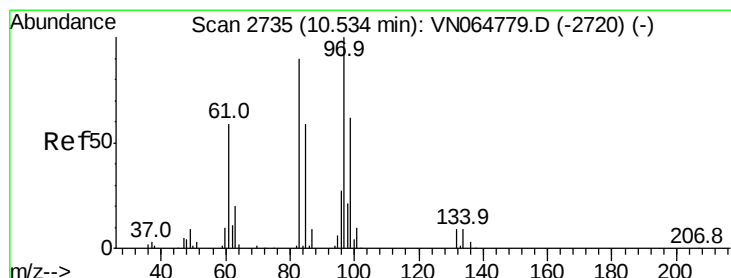
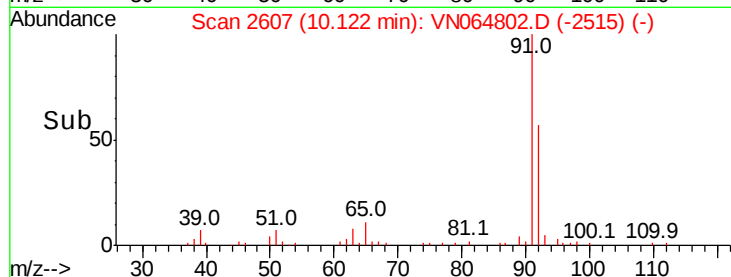
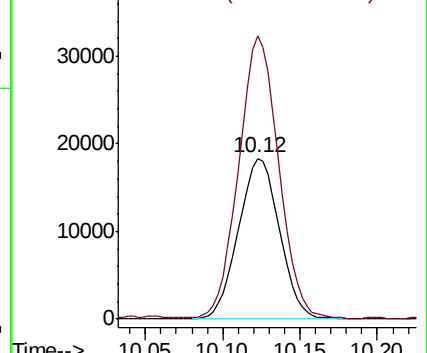
92 100

91 172.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#55

1,1,2-Trichloroethane

Concen: 6.384 ug/l

RT: 10.50 min Scan# 2724

Delta R.T. -0.04 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Tgt Ion: 97 Resp: 13595

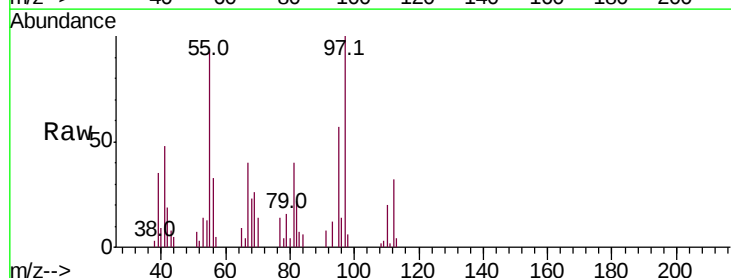
Ion Ratio Lower Upper

97 100

83 7.2 72.1 108.1#

85 0.0 46.8 70.2#

99 0.0 49.6 74.4#

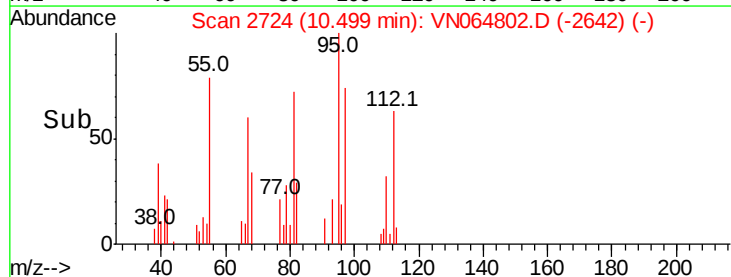
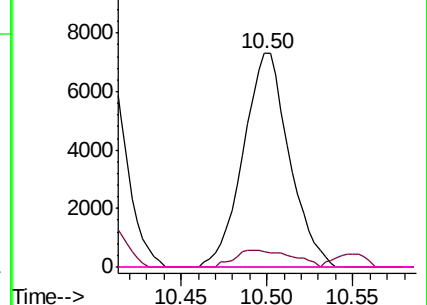


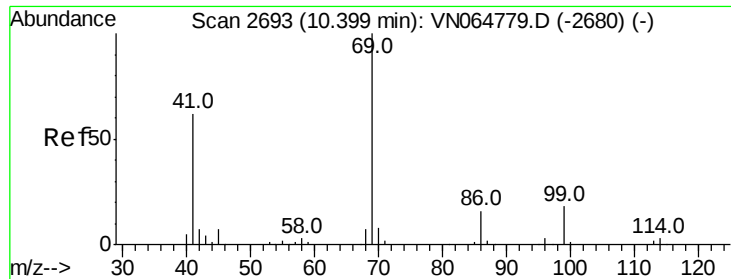
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0





#56

Ethyl methacrylate

Concen: 1.738 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA\_N

ClientSampled :

MW-12

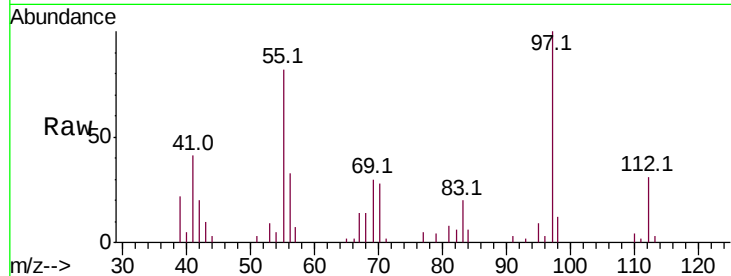
Tot Ion: 69 Resp: 5109

Ion Ratio Lower Upper

69 100

41 135.4 49.4 74.0#

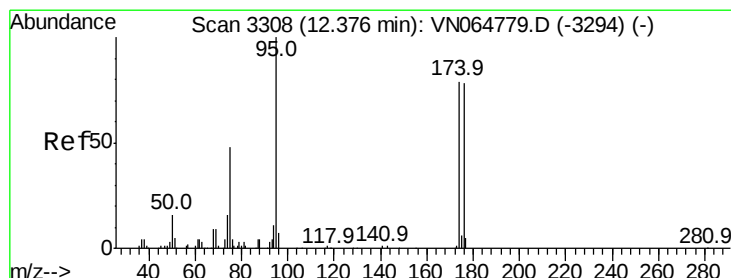
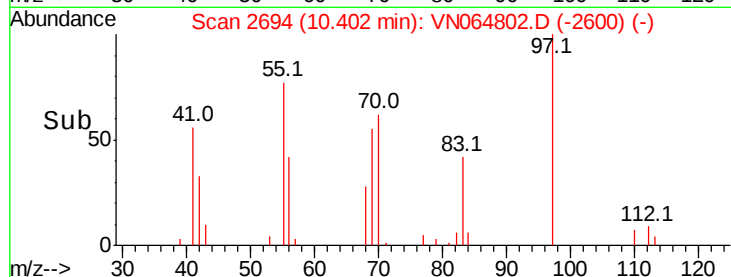
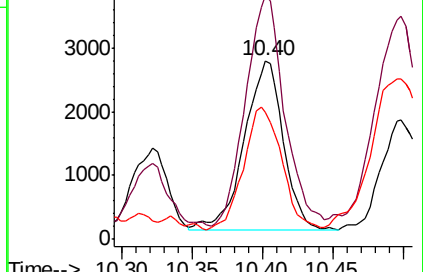
39 71.0 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN064802.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064802.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064802.D (-2600) (-)



#62

4-Bromofluorobenzene

Concen: 62.594 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

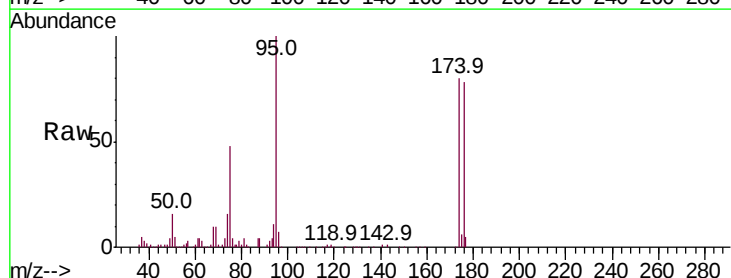
Tgt Ion: 95 Resp: 162153

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.4

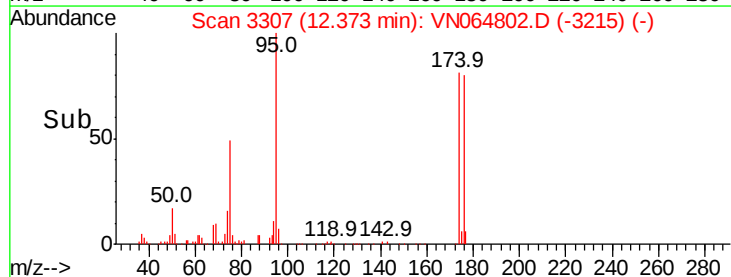
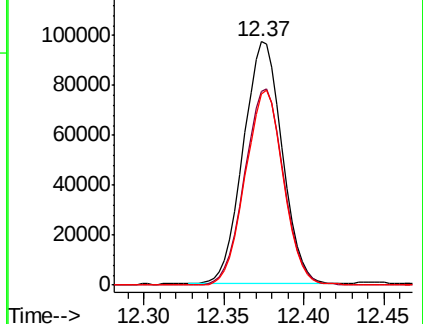
176 79.0 0.0 158.4

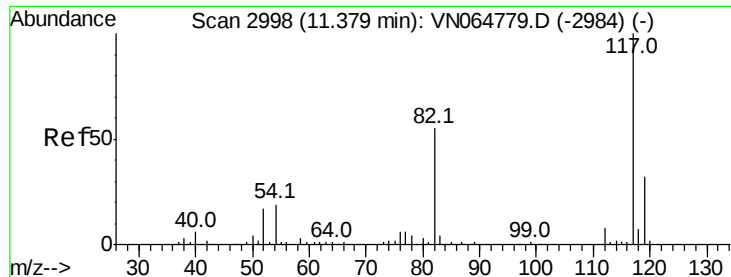


Abundance Ion 94.90 (94.60 to 95.60): VN064802.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064802.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064802.D (-3215) (-)

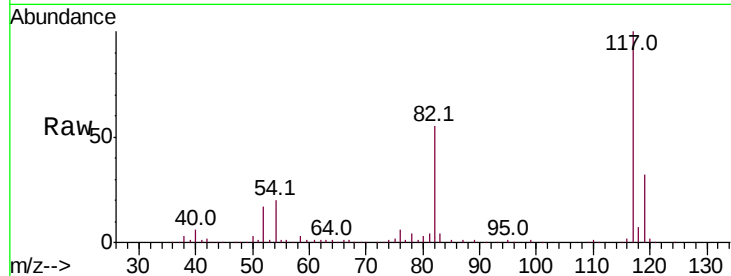




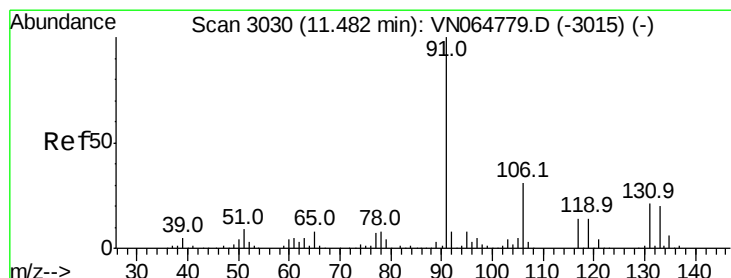
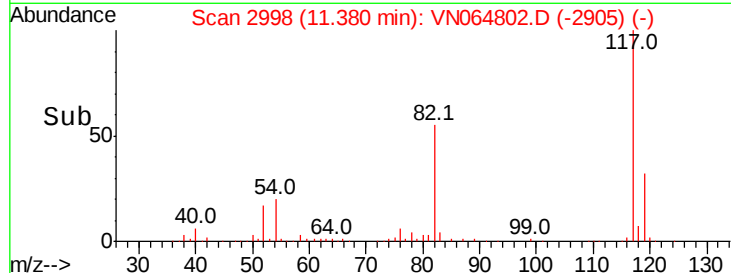
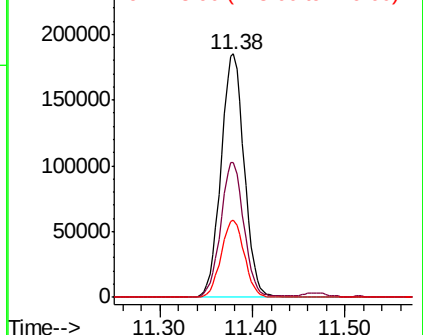
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12

Tot Ion:117 Resp: 321516  
Ion Ratio Lower Upper  
117 100  
82 55.2 44.2 66.2  
119 32.0 25.8 38.6

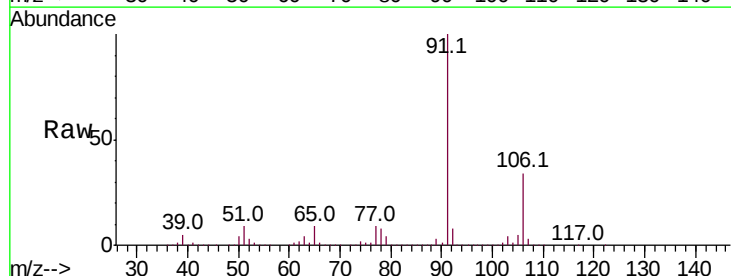


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

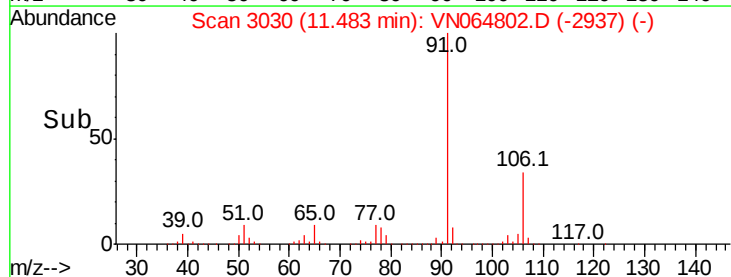
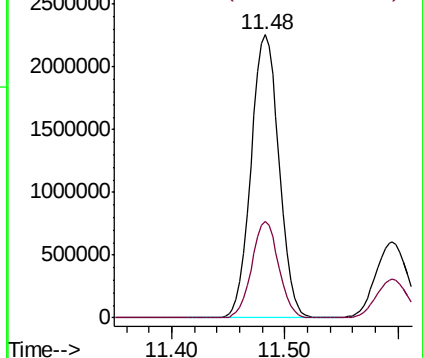


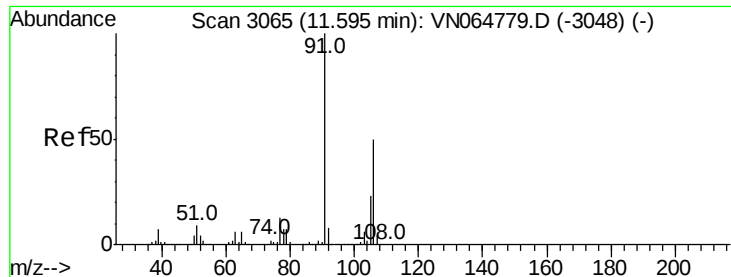
#67  
Ethyl Benzene  
Concen: 336.026 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Tgt Ion: 91 Resp: 3875859  
Ion Ratio Lower Upper  
91 100  
106 34.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V  
Ion 106.00 (105.70 to 106.70): V

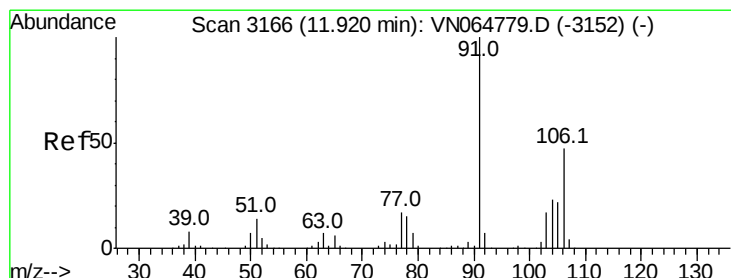
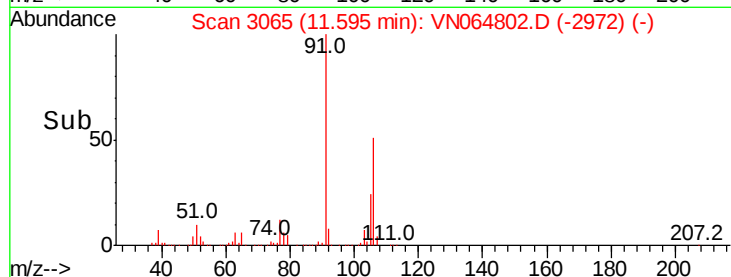
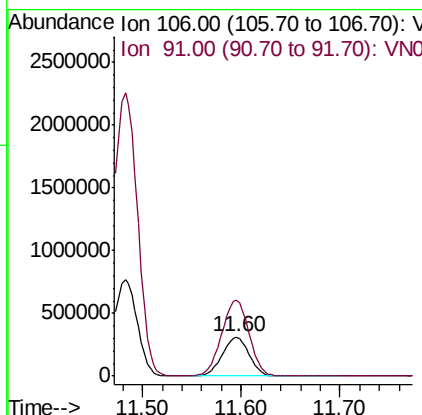
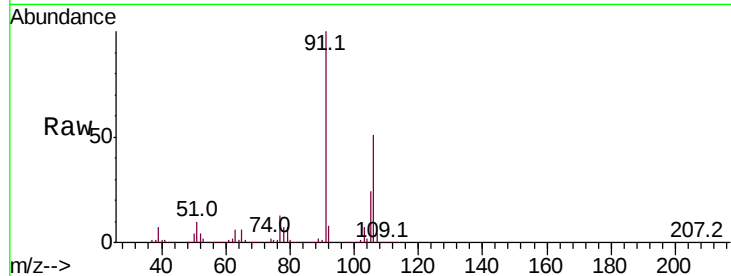




#68  
m/p-Xylenes  
Concen: 135.838 ug/l  
RT: 11.60 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

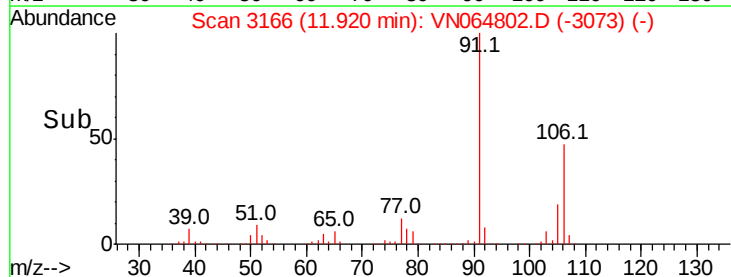
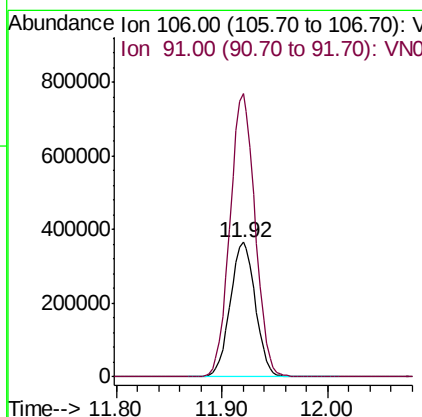
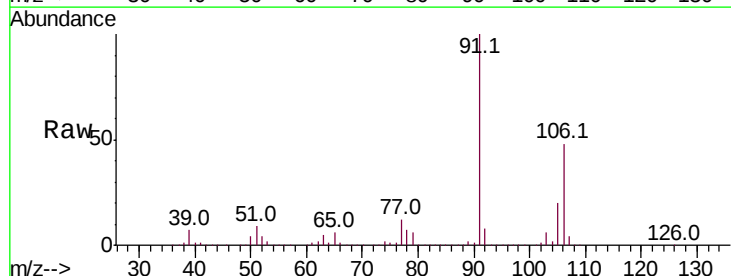
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-12

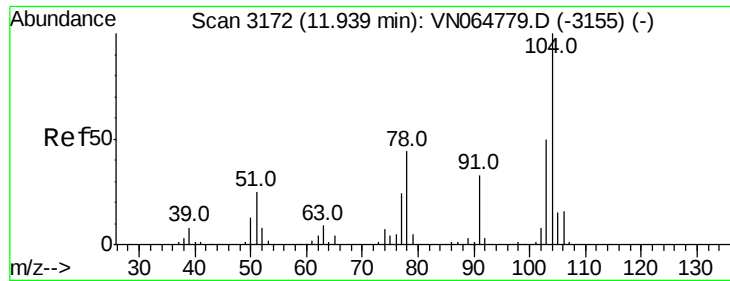
Tot Ion:106 Resp: 593205  
Ion Ratio Lower Upper  
106 100  
91 198.9 161.0 241.4



#69  
o-Xylene  
Concen: 144.884 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Tgt Ion:106 Resp: 600411  
Ion Ratio Lower Upper  
106 100  
91 210.2 105.5 316.5

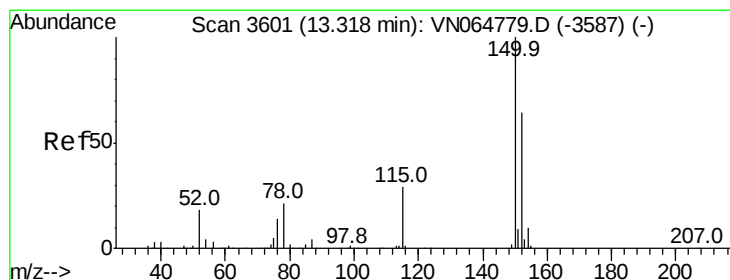
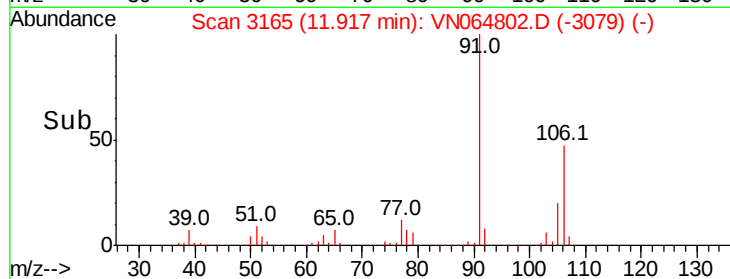
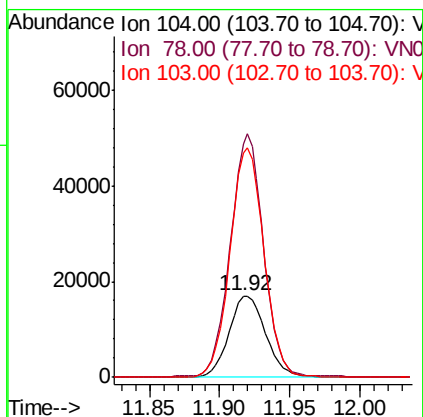
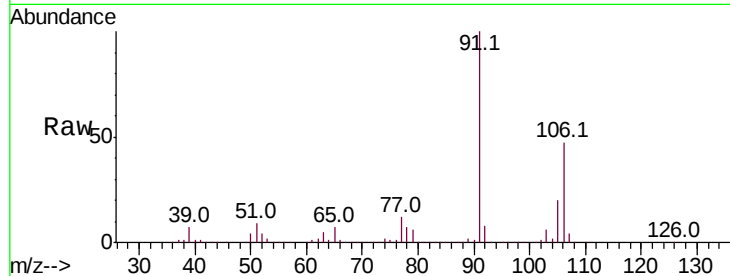




#70  
Stvrene  
Concen: 4.454 ug/l  
RT: 11.92 min Scan# 3165  
Delta R.T. -0.02 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

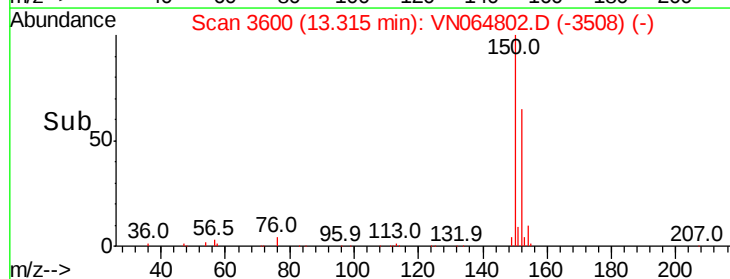
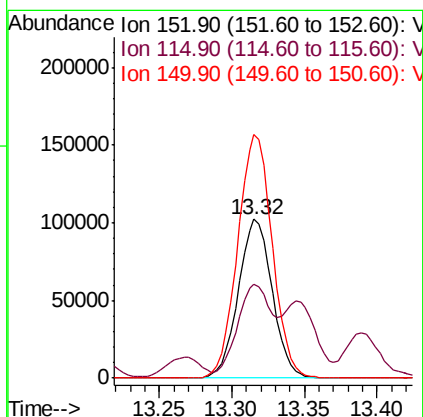
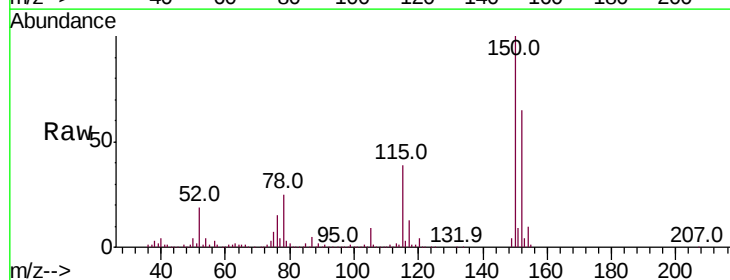
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-12

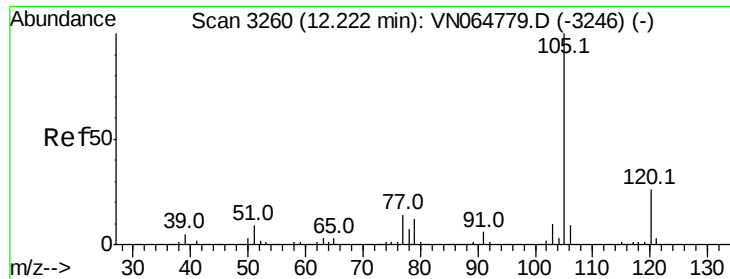
Tot Ion:104 Resp: 31158  
Ion Ratio Lower Upper  
104 100  
78 270.8 39.0 58.6#  
103 259.2 44.3 66.5#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3600  
Delta R.T. -0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Tgt Ion:152 Resp: 166249  
Ion Ratio Lower Upper  
152 100  
115 53.9 29.7 89.1  
150 156.2 0.0 350.6





#73

Isopropylbenzene

Concen: 95.309 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA\_N

ClientSampleId :

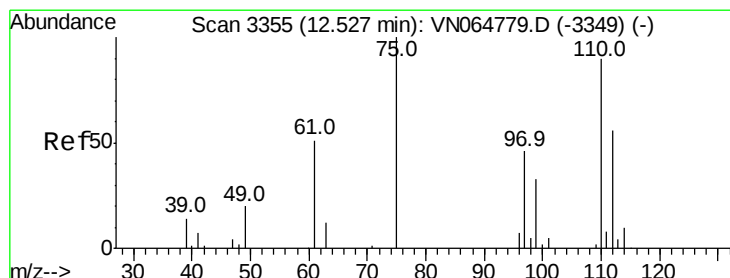
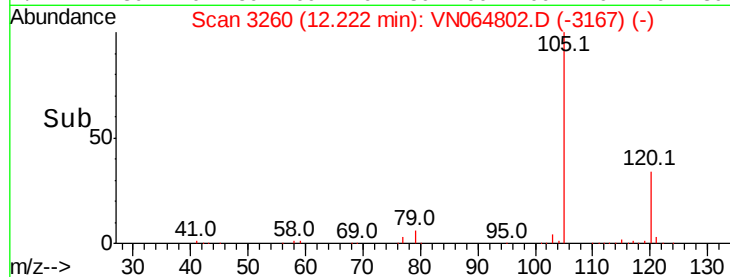
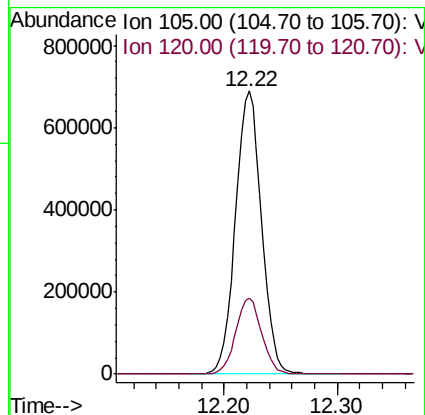
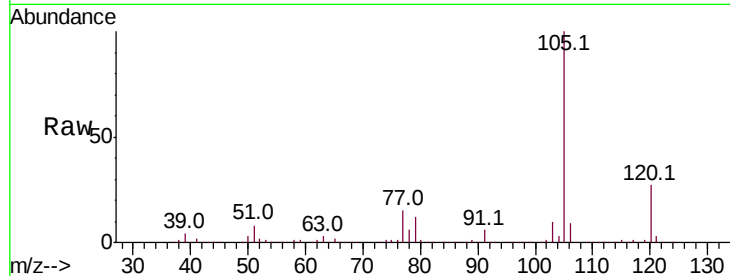
MW-12

Tot Ion:105 Resp: 1102135

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 1.756 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.04 min

Lab File: VN064802.D

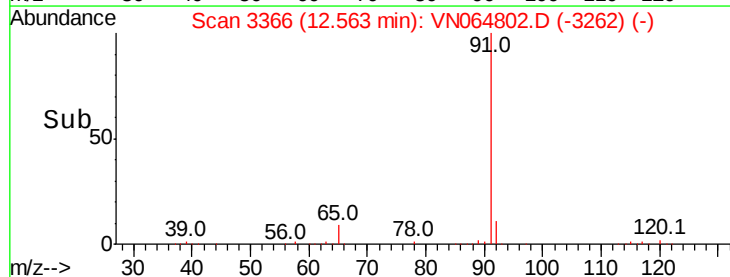
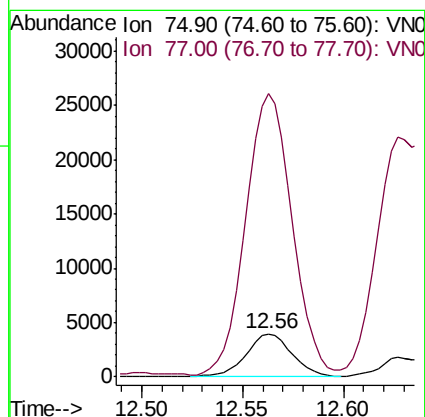
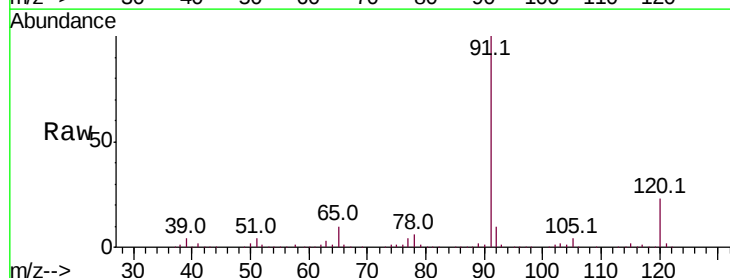
Acq: 24 Nov 2020 11:50

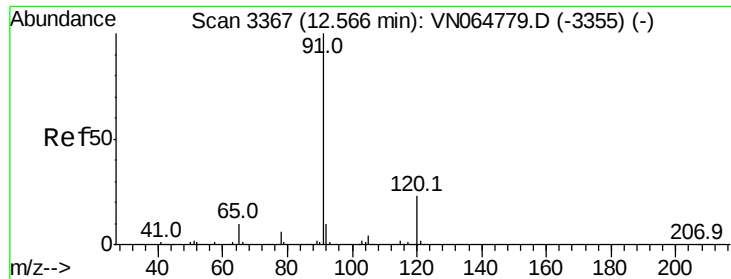
Tgt Ion: 75 Resp: 6288

Ion Ratio Lower Upper

75 100

77 661.5 0.0 0.0#





#78

n-propylbenzene

Concen: 84.723 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064802.D

Acq: 24 Nov 2020 11:50

Instrument :

MSVOA\_N

ClientSampled :

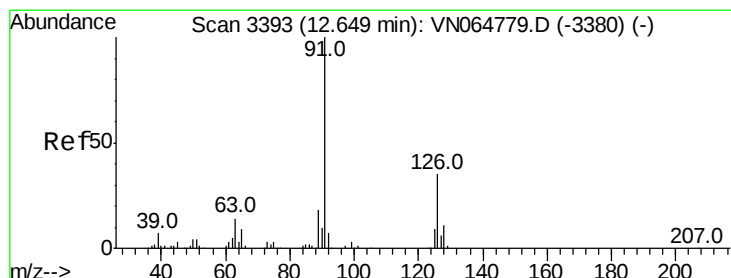
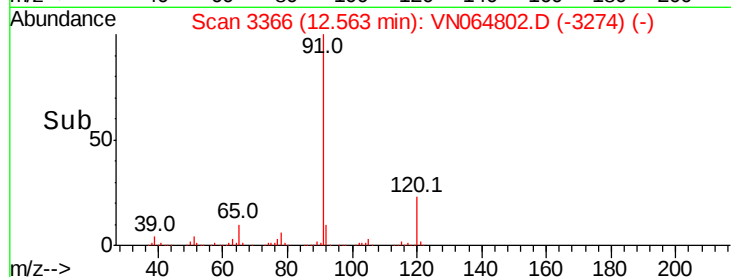
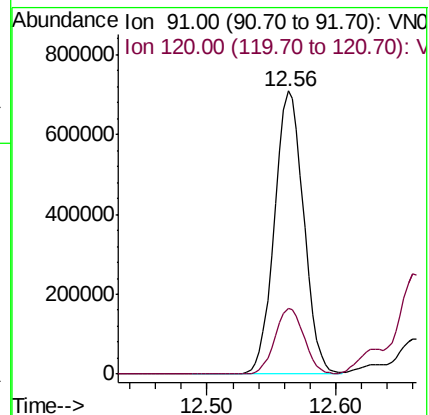
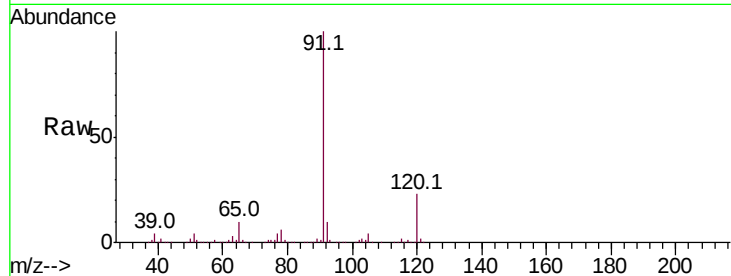
MW-12

Tot Ion: 91 Resp: 1116096

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.7



#79

2-Chlorotoluene

Concen: 17.263 ug/l

RT: 12.66 min Scan# 3396

Delta R.T. 0.01 min

Lab File: VN064802.D

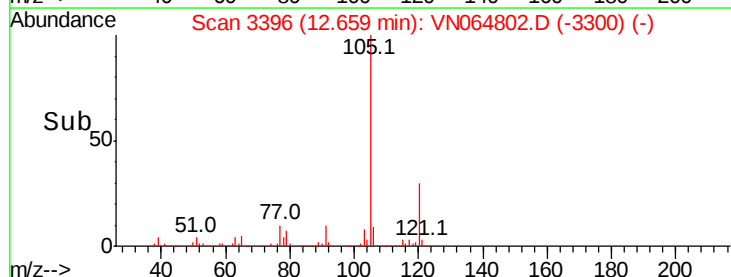
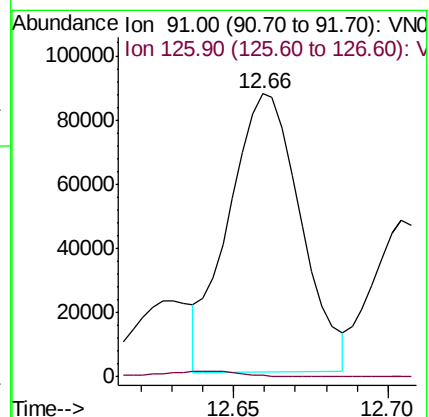
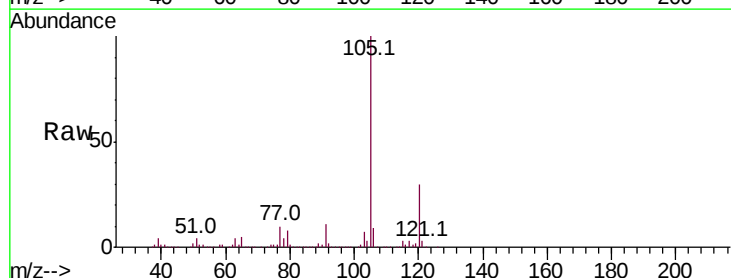
Acq: 24 Nov 2020 11:50

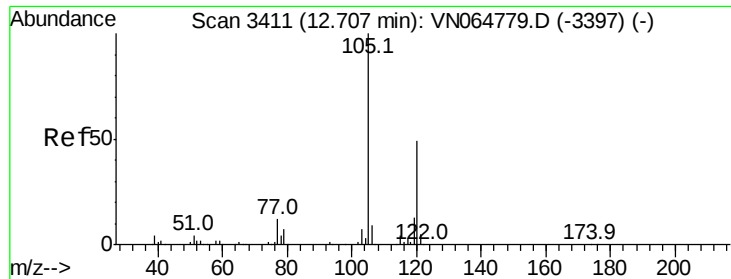
Tgt Ion: 91 Resp: 140574

Ion Ratio Lower Upper

91 100

126 2.6 17.2 51.6#

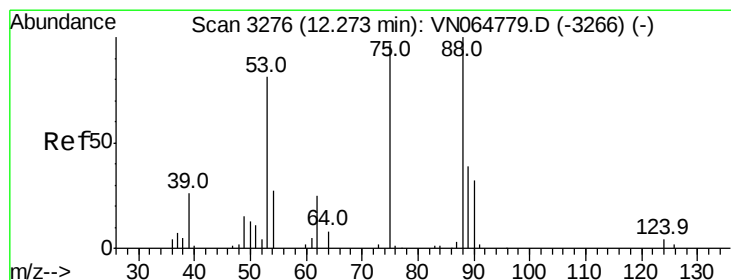
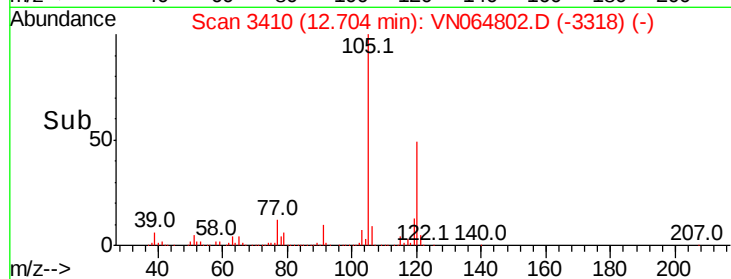
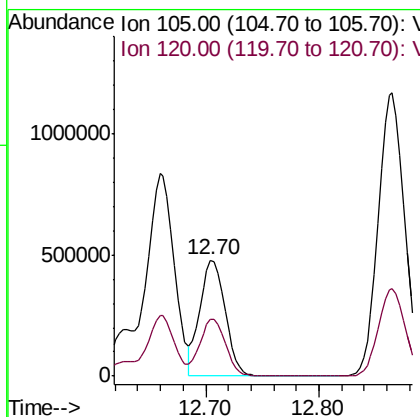
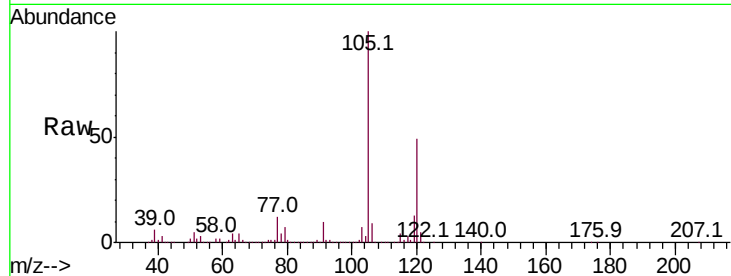




#80  
 1,3,5-Trimethylbenzene  
 Concen: 77.632 ug/l  
 RT: 12.70 min Scan# 3410  
 Delta R.T. -0.00 min  
 Lab File: VN064802.D  
 Acq: 24 Nov 2020 11:50

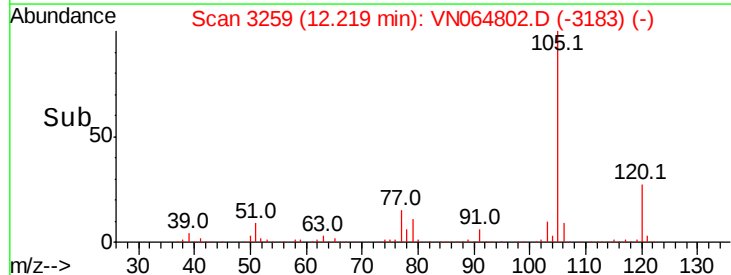
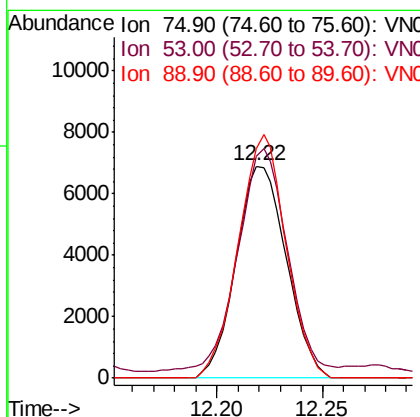
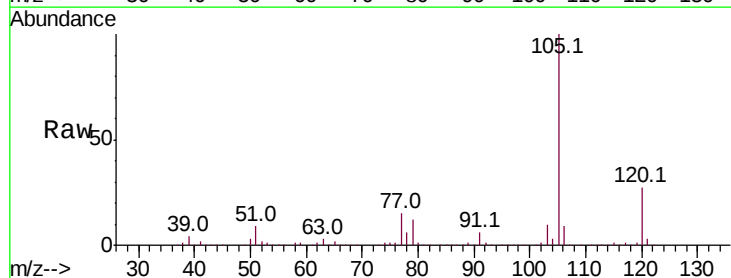
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-12

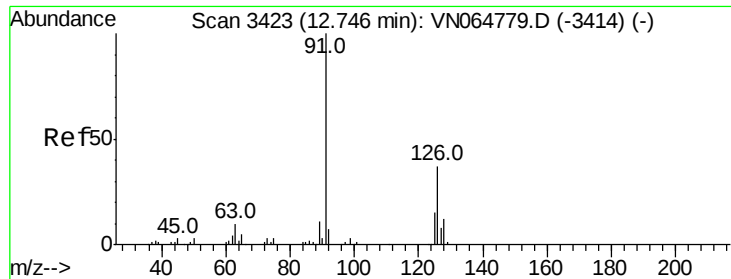
Tot Ion:105 Resp: 746184  
 Ion Ratio Lower Upper  
 105 100  
 120 49.3 24.6 73.6



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 8.756 ug/l  
 RT: 12.22 min Scan# 3259  
 Delta R.T. -0.05 min  
 Lab File: VN064802.D  
 Acq: 24 Nov 2020 11:50

Tgt Ion: 75 Resp: 11438  
 Ion Ratio Lower Upper  
 75 100  
 53 102.3 67.0 100.4#  
 89 108.9 39.6 59.4#

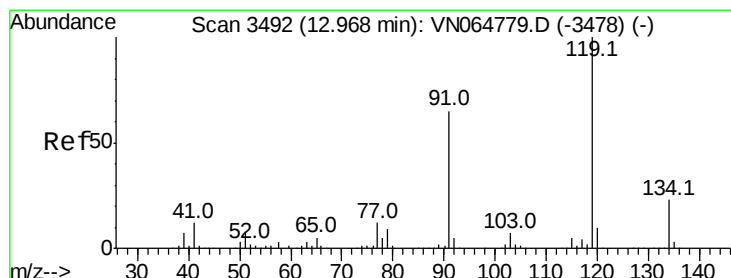
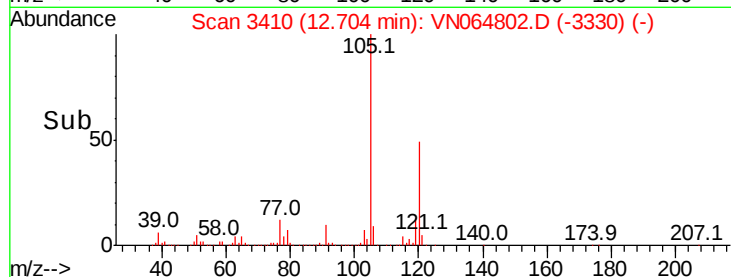
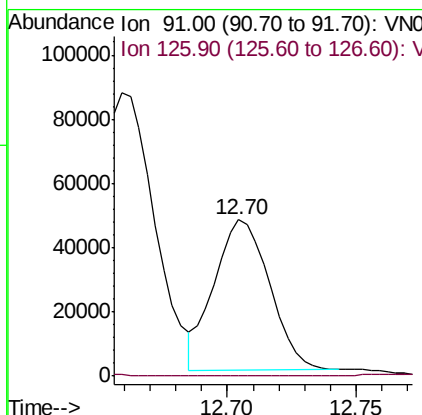
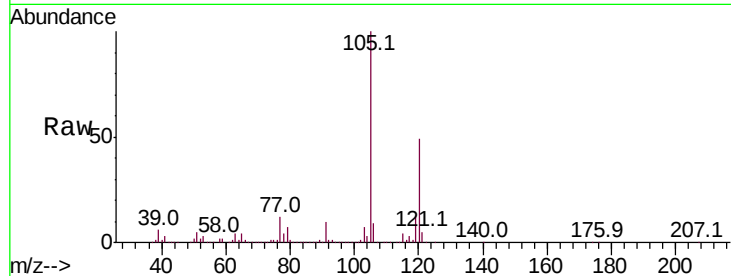




#82  
4-Chlorotoluene  
Concen: 8.275 ug/l  
RT: 12.70 min Scan# 3410  
Delta R.T. -0.04 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

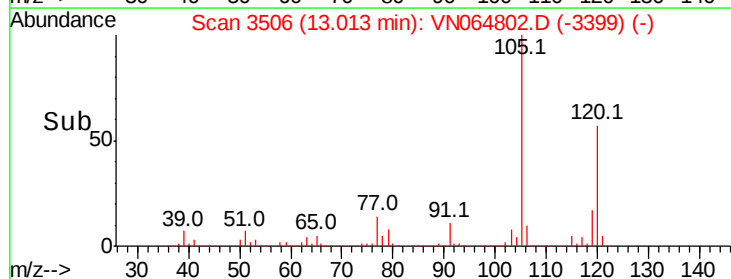
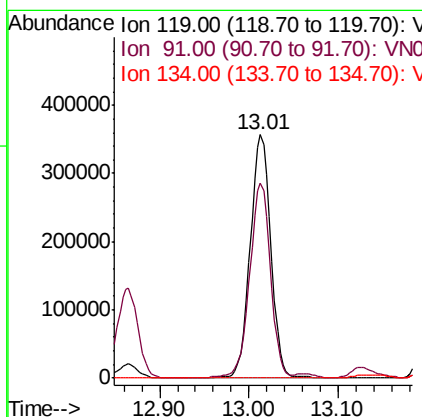
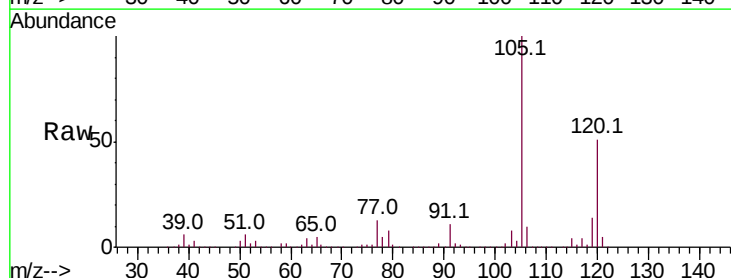
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-12

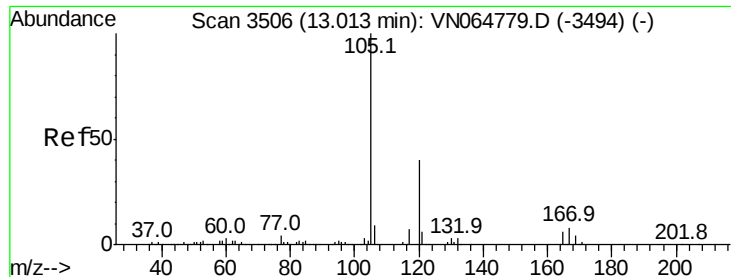
Tot Ion: 91 Resp: 70635  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.9 50.7#



#83  
tert-Butylbenzene  
Concen: 71.308 ug/l  
RT: 13.01 min Scan# 3506  
Delta R.T. 0.05 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Tgt Ion: 119 Resp: 574496  
Ion Ratio Lower Upper  
119 100  
91 80.7 32.3 96.8  
134 0.0 12.6 37.6#

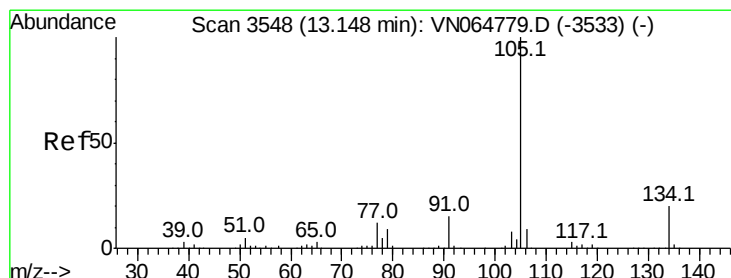
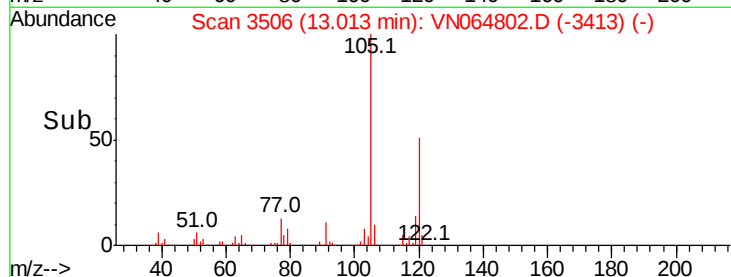
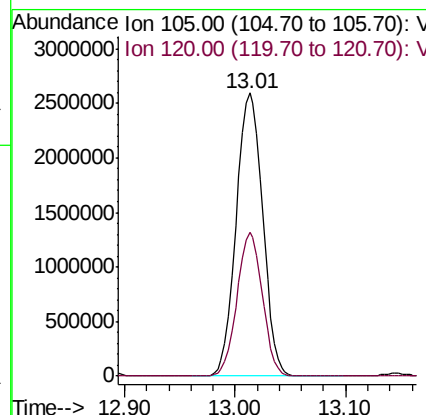
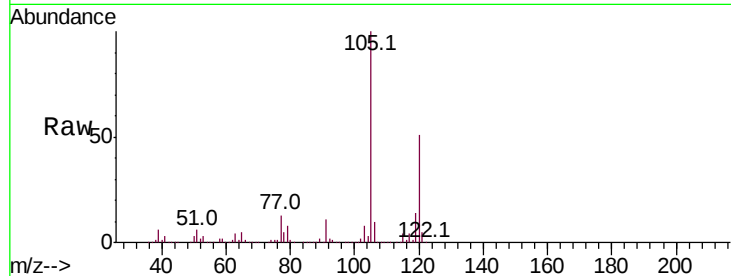




#84  
 1,2,4-Trimethylbenzene  
 Concen: 445.357 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. 0.00 min  
 Lab File: VN064802.D  
 Acq: 24 Nov 2020 11:50

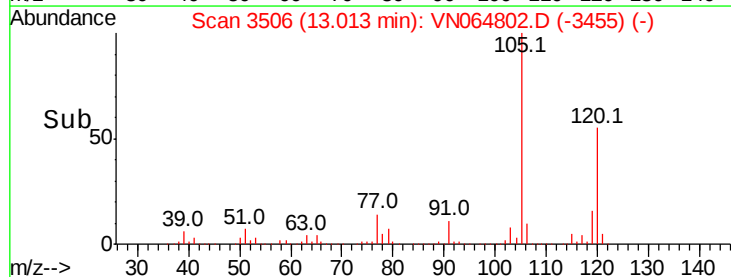
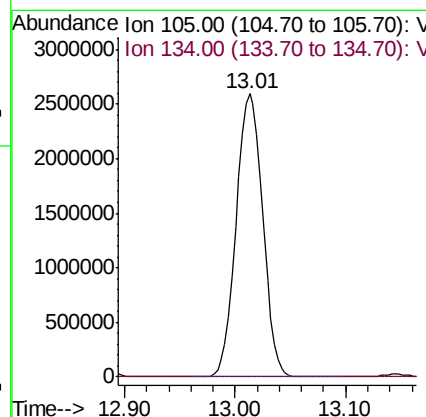
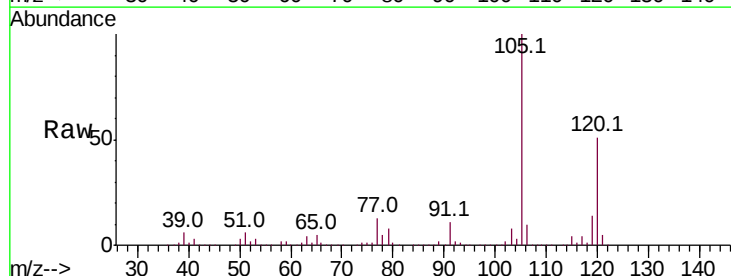
Instrument :  
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 ClientSampleId :  
 MW-12

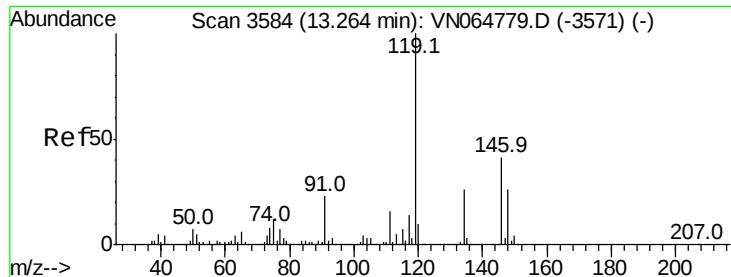
Tot Ion:105 Resp: 4328056  
 Ion Ratio Lower Upper  
 105 100  
 120 48.4 23.1 69.2



#85  
 sec-Butylbenzene  
 Concen: 404.609 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. -0.13 min  
 Lab File: VN064802.D  
 Acq: 24 Nov 2020 11:50

Tgt Ion:105 Resp: 4328056  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.1 30.1#

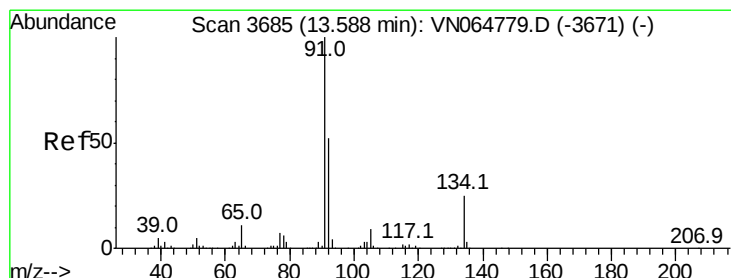
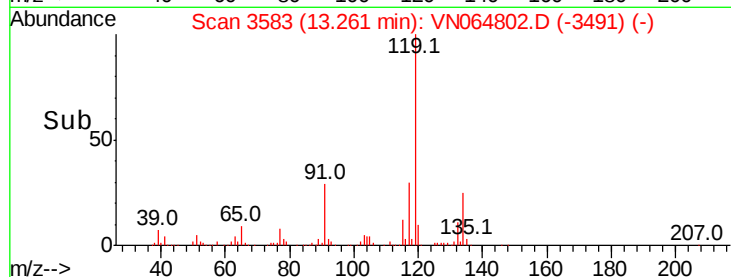
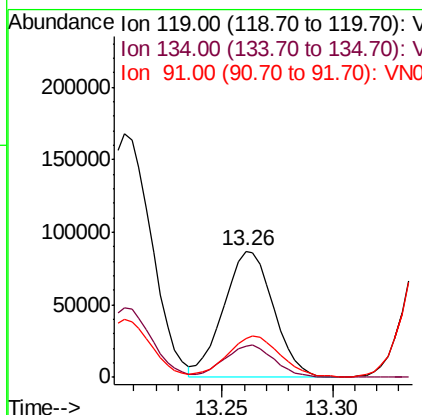
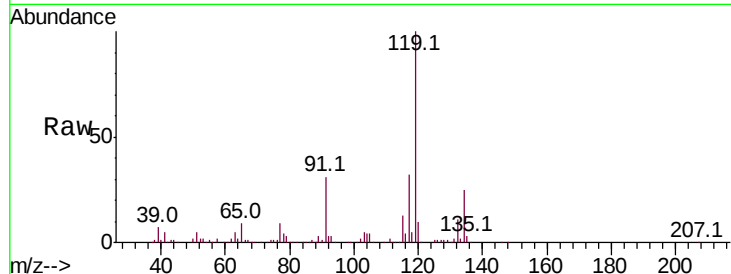




#86  
p-Isopropyltoluene  
Concen: 13.829 ug/l  
RT: 13.26 min Scan# 3583  
Delta R.T. -0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

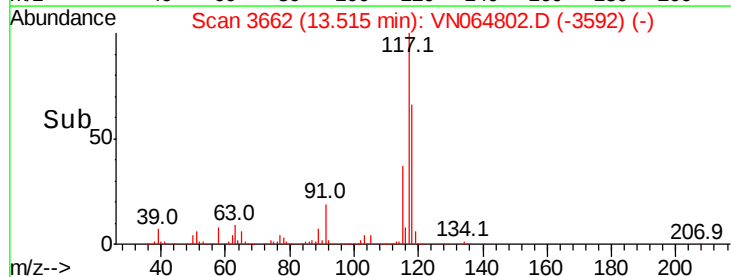
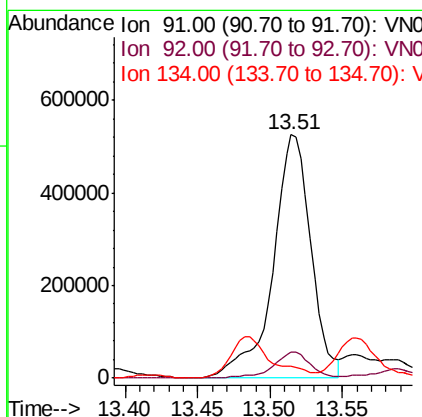
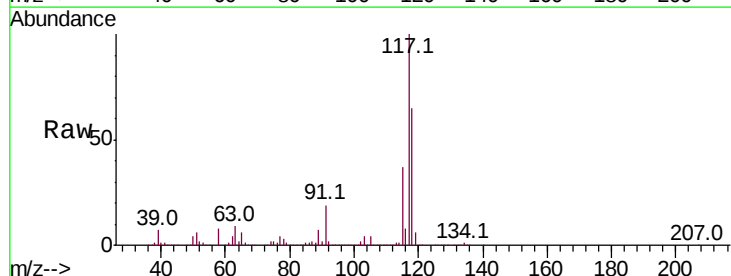
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-12

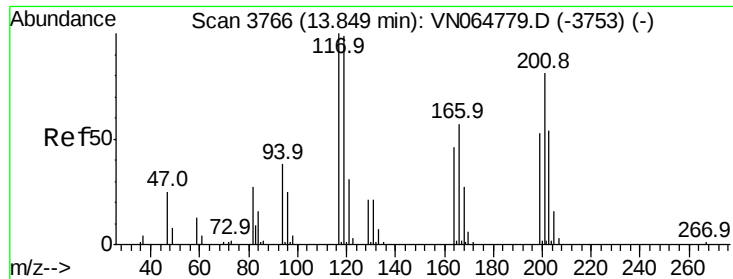
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 24.9  | 13.1  | 39.1  |
| 91      | 33.6  | 11.5  | 34.5  |



#89  
n-Butylbenzene  
Concen: 111.291 ug/l  
RT: 13.51 min Scan# 3662  
Delta R.T. -0.07 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 10.5  | 26.0  | 78.0# |
| 134     | 0.0   | 12.9  | 38.6# |

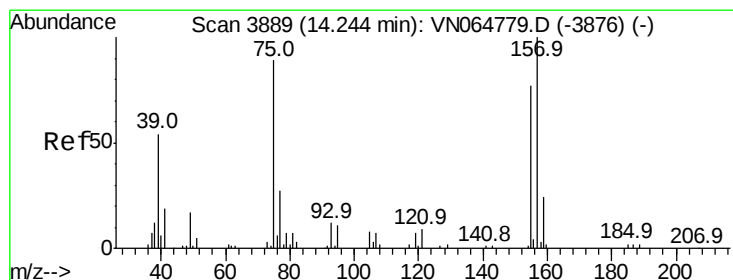
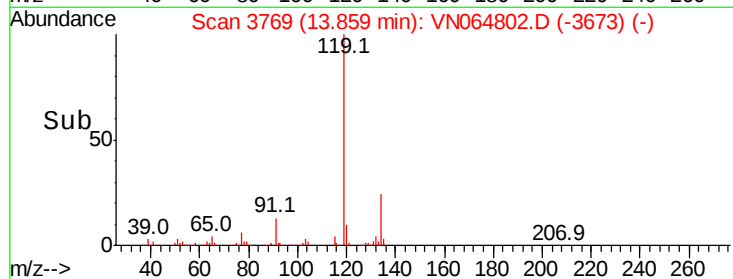
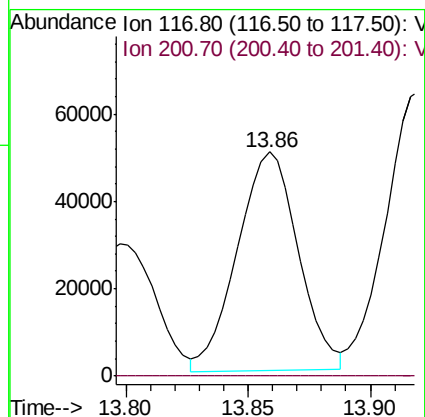
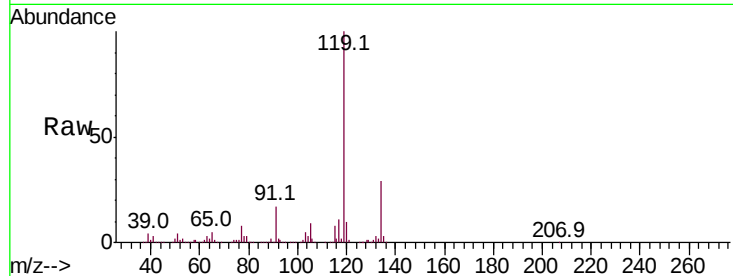




#90  
Hexachloroethane  
Concen: 51.403 ug/l  
RT: 13.86 min Scan# 3769  
Delta R.T. 0.01 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

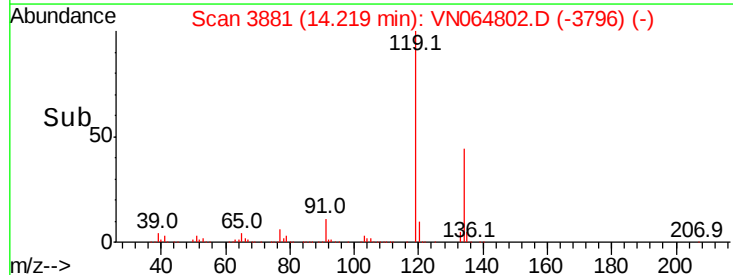
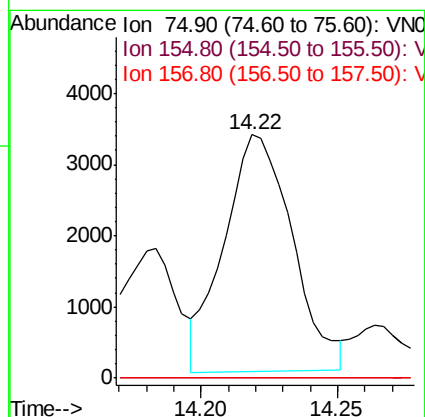
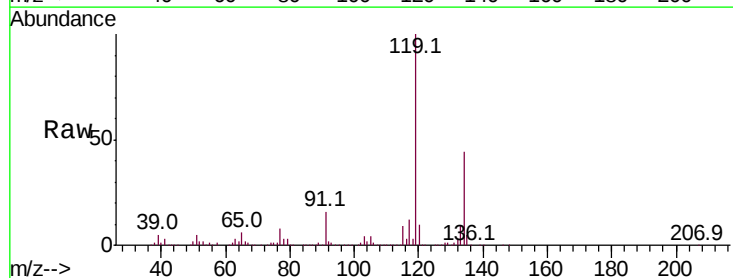
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-12

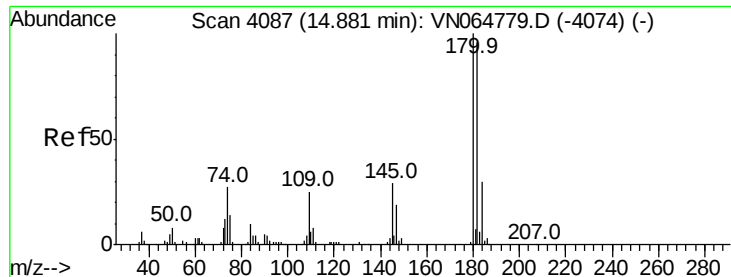
Tot Ion:117 Resp: 86965  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.1 120.3#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 7.582 ug/l  
RT: 14.22 min Scan# 3881  
Delta R.T. -0.03 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Tgt Ion: 75 Resp: 5782  
Ion Ratio Lower Upper  
75 100  
155 0.0 42.8 128.3#  
157 0.0 56.4 169.1#

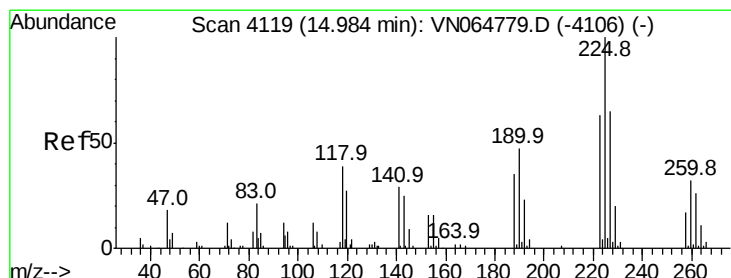
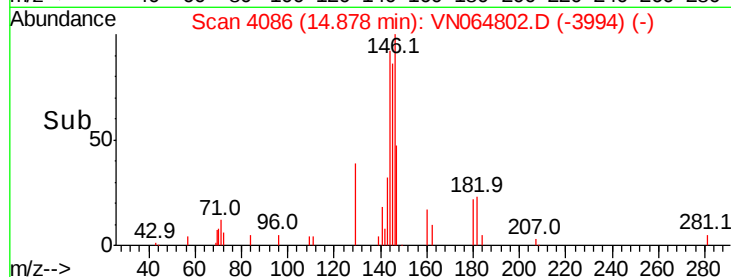
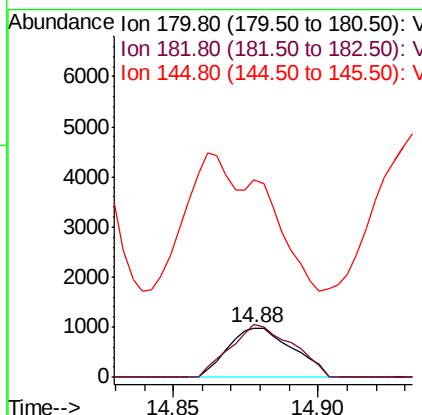
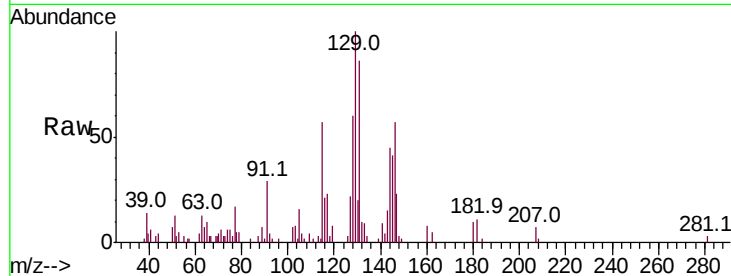




#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.455 ug/l  
 RT: 14.88 min Scan# 4086  
 Delta R.T. -0.00 min  
 Lab File: VN064802.D  
 Acq: 24 Nov 2020 11:50

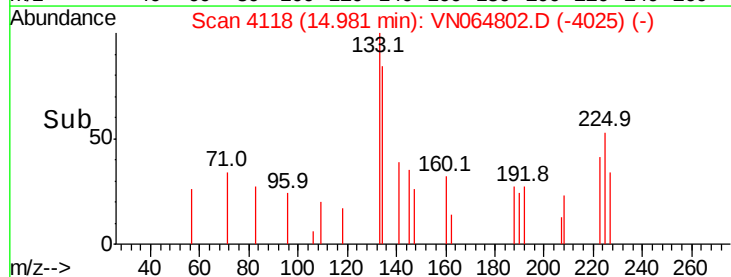
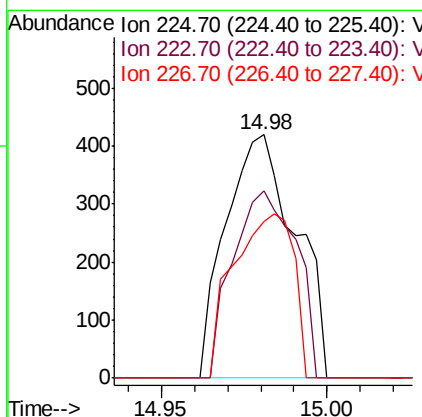
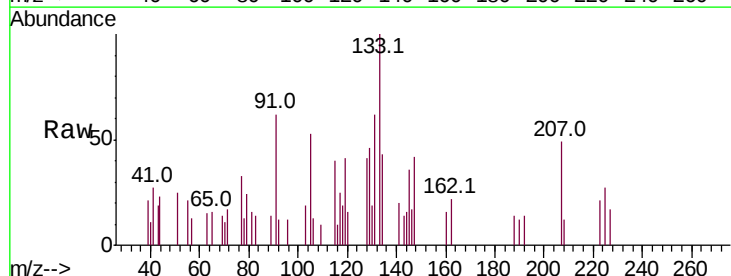
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-12

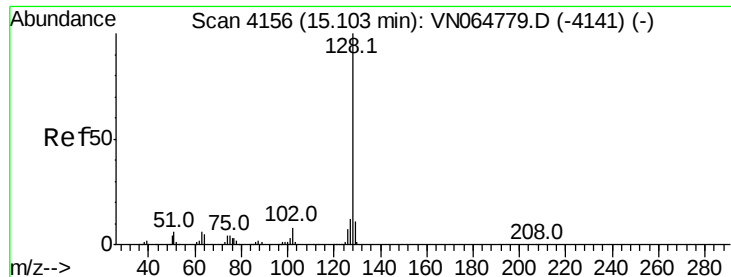
Tot Ion:180 Resp: 1531  
 Ion Ratio Lower Upper  
 180 100  
 182 103.9 47.6 142.9  
 145 225.5 15.3 45.8#



#94  
 Hexachlorobutadiene  
 Concen: 0.777 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN064802.D  
 Acq: 24 Nov 2020 11:50

Tgt Ion:225 Resp: 617  
 Ion Ratio Lower Upper  
 225 100  
 223 69.2 31.0 93.0  
 227 58.0 32.0 96.0

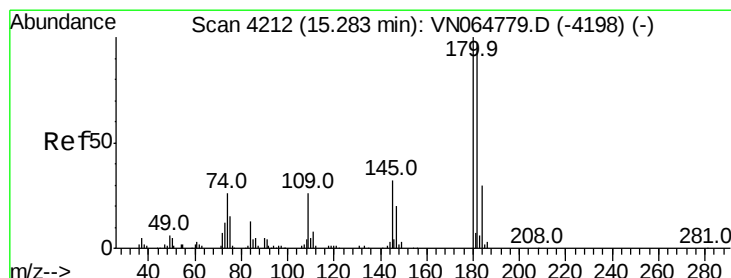
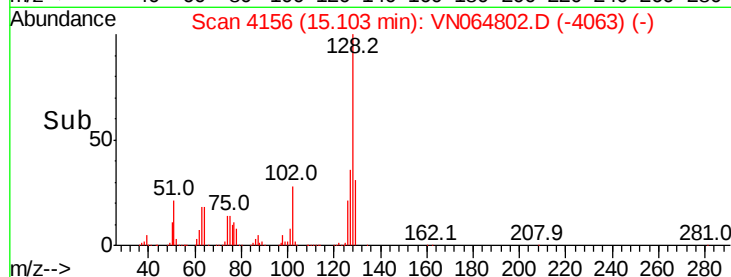
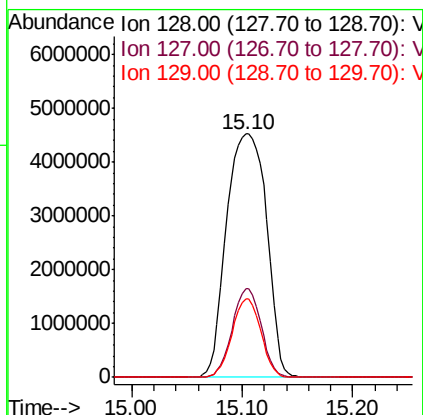
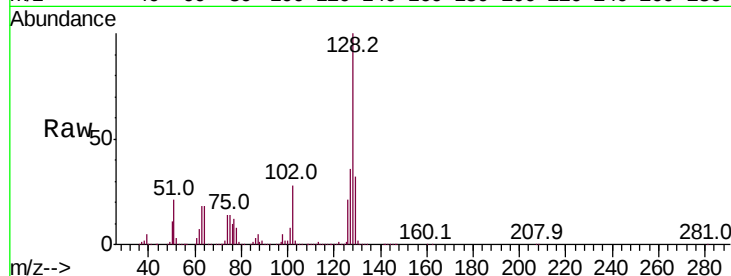




#95  
Naphthalene  
Concen: 1126.789 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. 0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12

Tot Ion:128 Resp:11357167  
Ion Ratio Lower Upper  
128 100  
127 26.4 10.3 15.5#  
129 23.3 8.7 13.1#



#96  
1,2,3-Trichlorobenzene  
Concen: 1.837 ug/l  
RT: 15.28 min Scan# 4211  
Delta R.T. -0.00 min  
Lab File: VN064802.D  
Acq: 24 Nov 2020 11:50

Tgt Ion:180 Resp: 1464  
Ion Ratio Lower Upper  
180 100  
182 117.8 48.1 144.4  
145 79.4 16.4 49.1#

