

Data File : VN064104.D  
Acq On : 13 Oct 2020 16:22  
Operator : JC/MD  
Sample : L4250-04DL2 100X  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-08DL2

Quant Time: Oct 14 03:00:05 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 01 01:46:38 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 241096   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 440298   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 475586   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 208280   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 195833   | 49.17 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.34%  |      |
| 35) Dibromofluoromethane    | 7.55   | 113 | 151660   | 49.64 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.28%  |      |
| 50) Toluene-d8              | 10.06  | 98  | 582513   | 50.30 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.60% |      |
| 62) 4-Bromofluorobenzene    | 12.38  | 95  | 246525   | 56.62 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 113.24% |      |

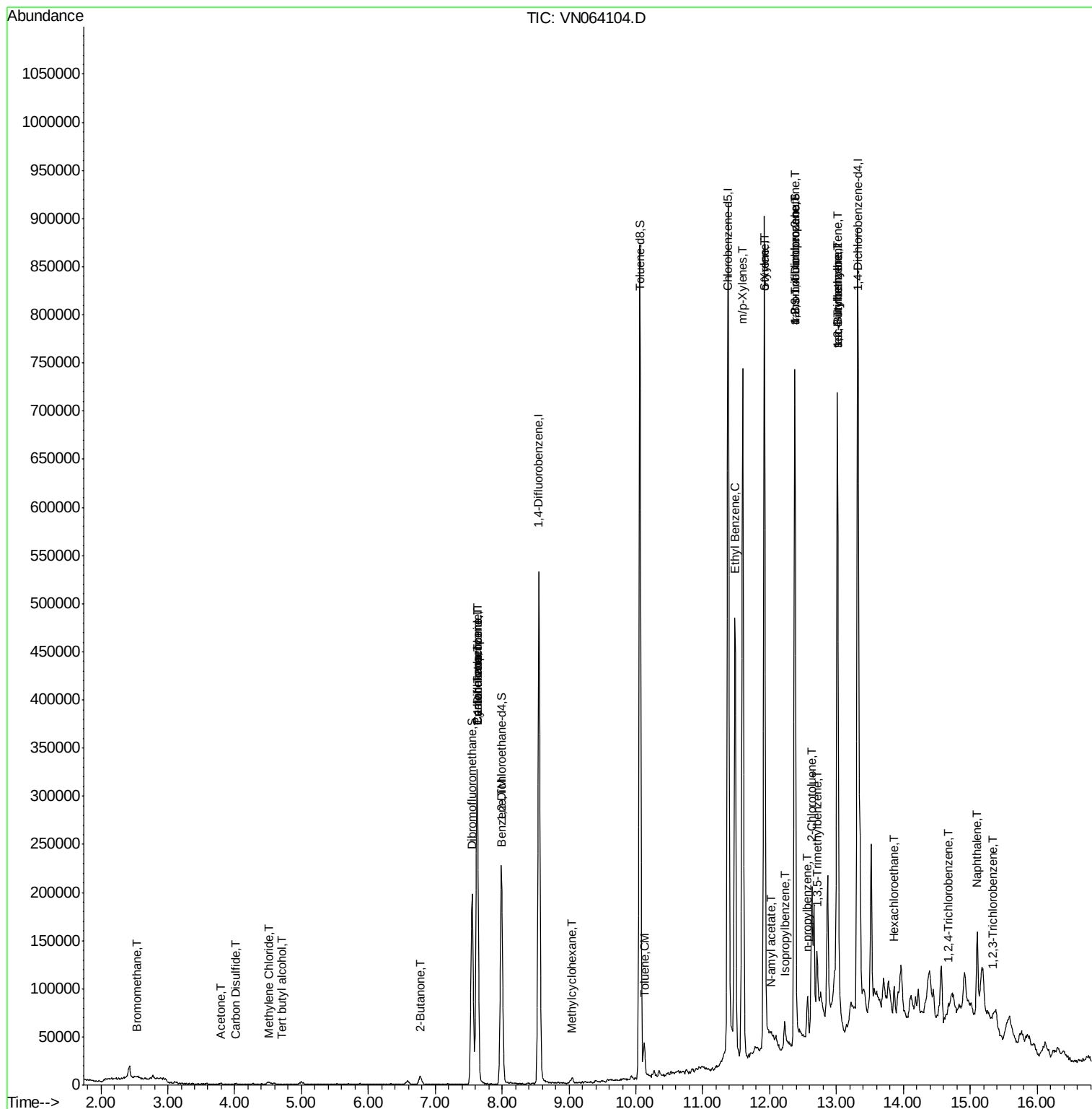
| Target Compounds               |       |     |        |        |        | Qvalue |
|--------------------------------|-------|-----|--------|--------|--------|--------|
| 5) Bromomethane                | 2.54  | 94  | 442    | 0.235  | ug/l # | 69     |
| 11) Tert butyl alcohol         | 4.69  | 59  | 239    | 0.543  | ug/l # | 71     |
| 16) Acetone                    | 3.78  | 43  | 681    | 0.555  | ug/l # | 47     |
| 17) Carbon Disulfide           | 4.01  | 76  | 254    | 0.739  | ug/l # | 76     |
| 20) Methylene Chloride         | 4.50  | 84  | 1203   | 0.526  | ug/l # | 67     |
| 25) 2-Butanone                 | 6.78  | 43  | 410    | 0.236  | ug/l # | 51     |
| 31) Cyclohexane                | 7.62  | 56  | 7459   | 1.613  | ug/l # | 17     |
| 36) 1,1-Dichloropropene        | 7.62  | 75  | 21464  | 4.812  | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 7.63  | 117 | 25981  | 5.194  | ug/l # | 14     |
| 39) Methylcyclohexane          | 9.05  | 83  | 2650   | 0.596  | ug/l # | 76     |
| 40) Benzene                    | 8.01  | 78  | 12589  | 0.988  | ug/l   | 99     |
| 52) Toluene                    | 10.13 | 92  | 13179  | 1.672  | ug/l   | 97     |
| 67) Ethyl Benzene              | 11.49 | 91  | 314400 | 17.711 | ug/l   | 99     |
| 68) m/p-Xylenes                | 11.60 | 106 | 216018 | 32.650 | ug/l   | 99     |
| 69) o-Xylene                   | 11.92 | 106 | 224241 | 36.262 | ug/l   | 100    |
| 70) Styrene                    | 11.93 | 104 | 12011  | 1.144  | ug/l # | 1      |
| 73) Isopropylbenzene           | 12.22 | 105 | 13745  | 0.905  | ug/l   | 100    |
| 74) N-amyl acetate             | 12.03 | 43  | 433    | 2.275  | ug/l # | 57     |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75  | 132414 | 28.840 | ug/l # | 100    |
| 78) n-propylbenzene            | 12.57 | 91  | 32183  | 1.820  | ug/l   | 93     |
| 79) 2-Chlorotoluene            | 12.63 | 91  | 13037  | 1.199  | ug/l # | 47     |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105 | 34737  | 2.726  | ug/l   | 99     |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75  | 132414 | 83.064 | ug/l # | 6      |
| 83) tert-Butylbenzene          | 13.02 | 119 | 36923  | 3.542  | ug/l # | 63     |
| 84) 1,2,4-Trimethylbenzene     | 13.02 | 105 | 326523 | 25.660 | ug/l   | 99     |
| 85) sec-Butylbenzene           | 13.02 | 105 | 326523 | 23.846 | ug/l # | 58     |
| 90) Hexachloroethane           | 13.86 | 117 | 2307   | 0.983  | ug/l # | 14     |
| 93) 1,2,4-Trichlorobenzene     | 14.66 | 180 | 137    | 1.773  | ug/l   | 90     |
| 95) Naphthalene                | 15.11 | 128 | 74478  | 8.296  | ug/l   | 97     |
| 96) 1,2,3-Trichlorobenzene     | 15.33 | 180 | 29     | 1.576  | ug/l # | 1      |

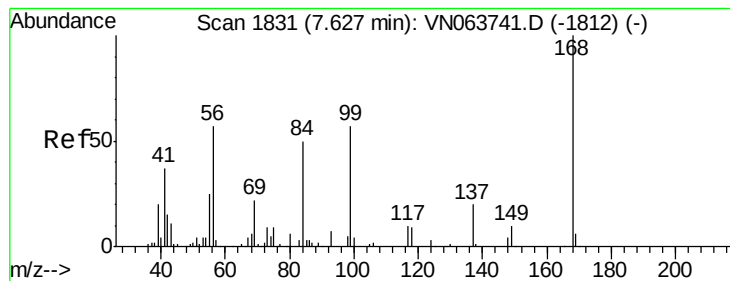
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA\_N

ClientSampled :

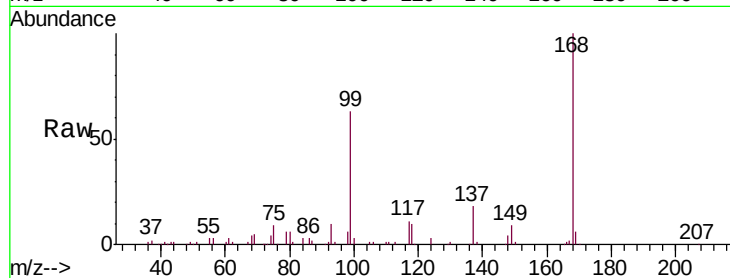
MW-08DL2

Tgt Ion:168 Resp: 241096

Ion Ratio Lower Upper

168 100

99 62.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN064104.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064104.D (-1738) (-)

7.63

100000

80000

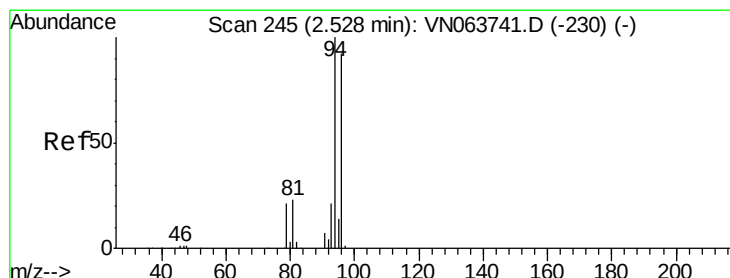
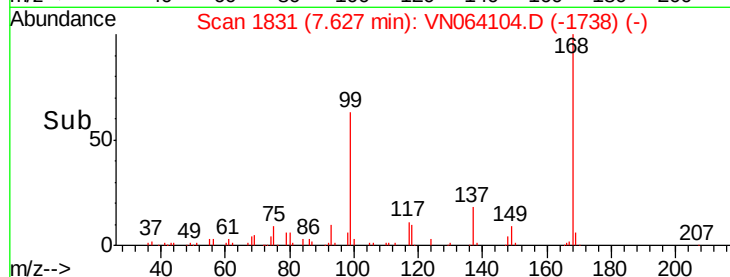
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.235 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064104.D

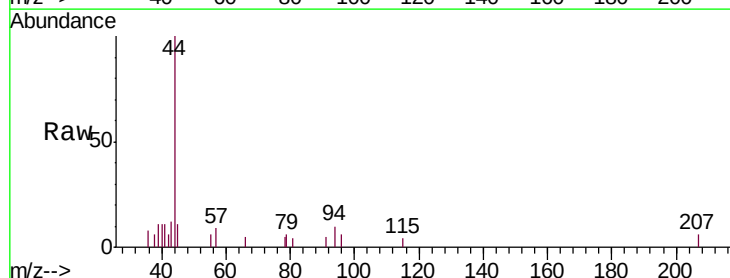
Acq: 13 Oct 2020 16:22

Tgt Ion: 94 Resp: 442

Ion Ratio Lower Upper

94 100

96 61.9 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VN064104.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN064104.D (-152) (-)

2.54

400

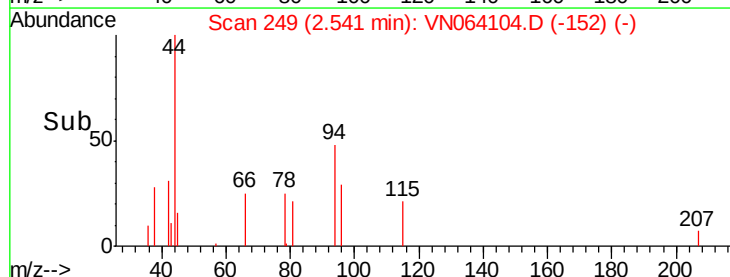
300

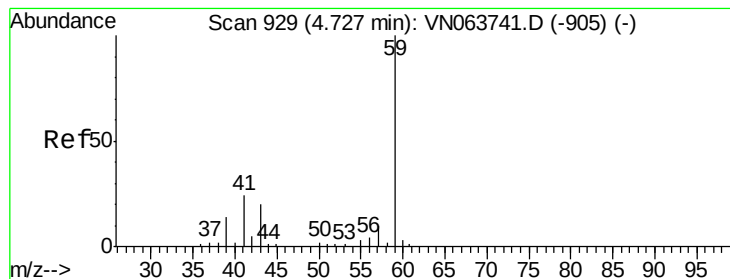
200

100

0

Time-->



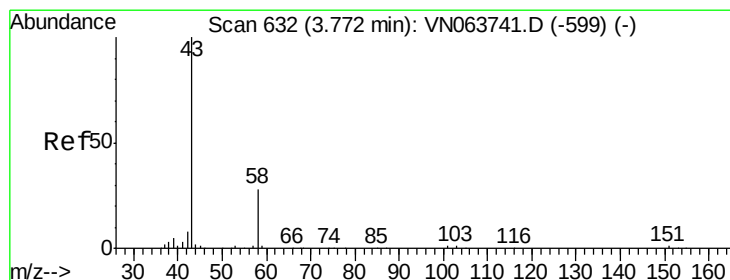
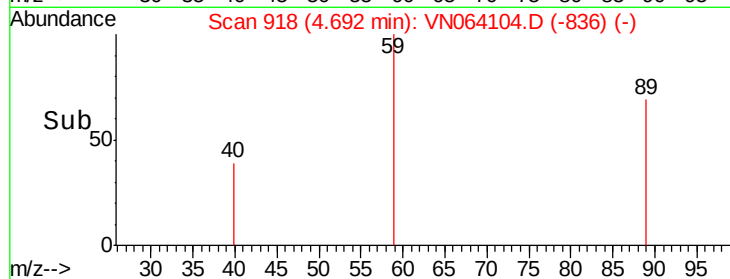
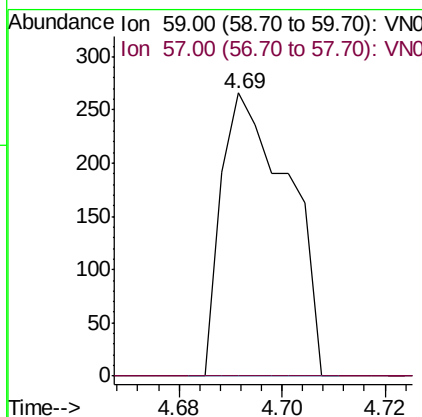
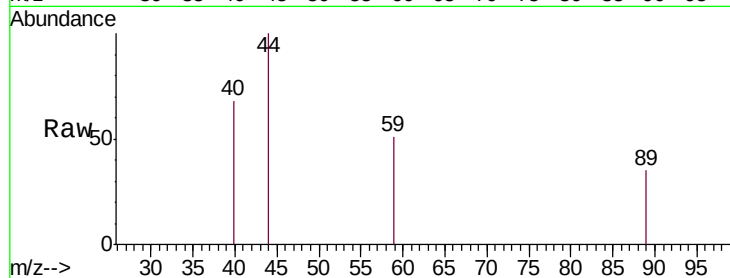


#11

Tert butyl alcohol  
 Concen: 0.543 ug/l  
 RT: 4.69 min Scan# 918  
 Delta R.T. -0.04 min  
 Lab File: VN064104.D  
 Acq: 13 Oct 2020 16:22

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-08DL2

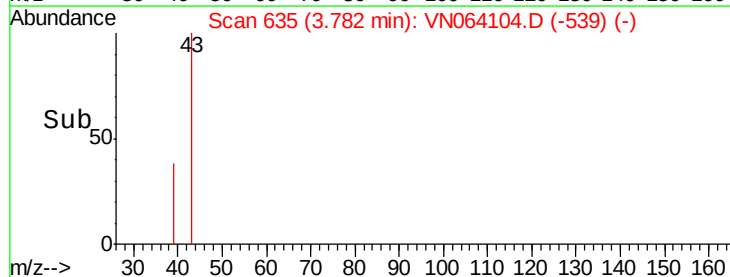
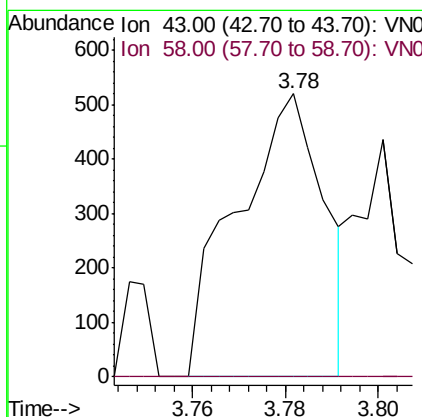
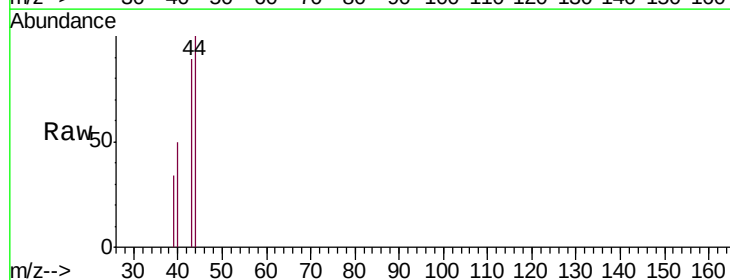
Tgt Ion: 59 Resp: 239  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.7 13.1#

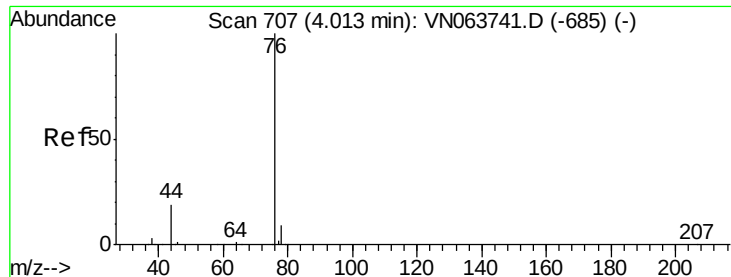


#16

Acetone  
 Concen: 0.555 ug/l  
 RT: 3.78 min Scan# 635  
 Delta R.T. 0.01 min  
 Lab File: VN064104.D  
 Acq: 13 Oct 2020 16:22

Tgt Ion: 43 Resp: 681  
 Ion Ratio Lower Upper  
 43 100  
 58 0.0 22.3 33.5#





#17

Carbon Disulfide

Concen: 0.739 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA\_N

ClientSampleId :

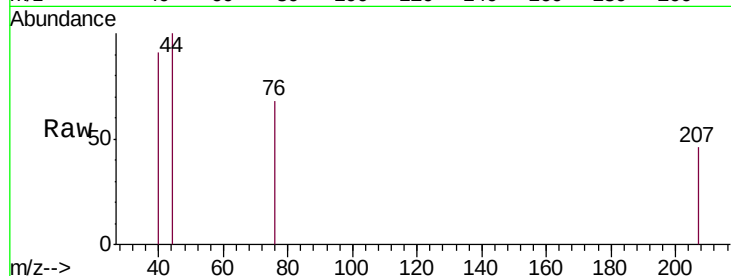
MW-08DL2

Tgt Ion: 76 Resp: 254

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



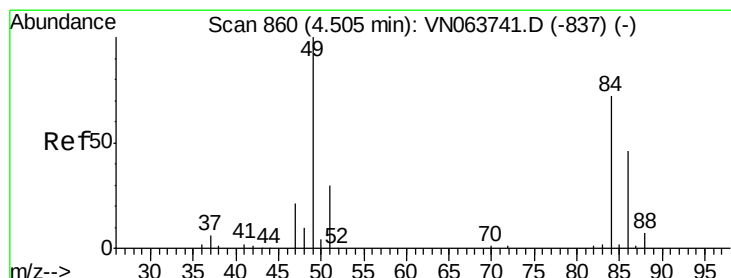
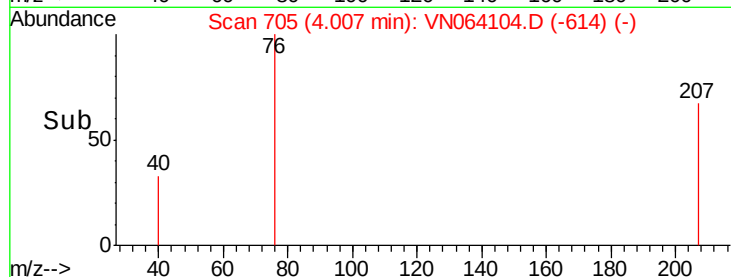
Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)

4.01

3.99 4.00 4.01 4.02

Time-->



#20

Methylene Chloride

Concen: 0.526 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Tgt Ion: 84 Resp: 1203

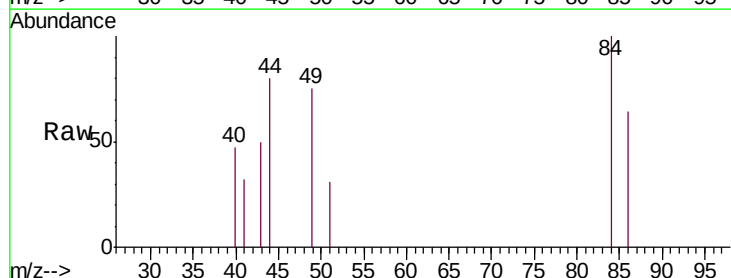
Ion Ratio Lower Upper

84 100

49 74.7 110.4 165.6#

51 31.2 33.3 49.9#

86 63.7 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VN063741.D (-837) (-)

Ion 48.90 (48.60 to 49.60): VN063741.D (-837) (-)

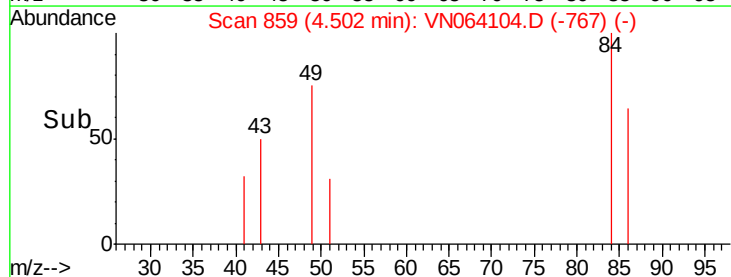
Ion 50.90 (50.60 to 51.60): VN063741.D (-837) (-)

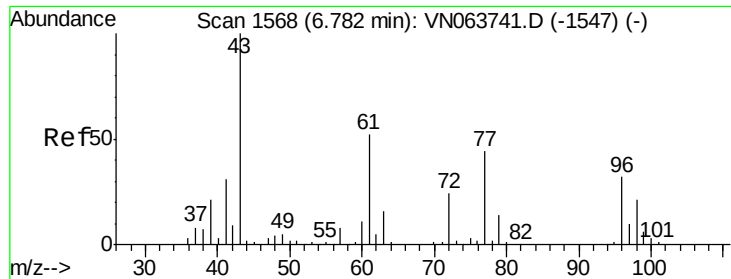
Ion 85.90 (85.60 to 86.60): VN063741.D (-837) (-)

4.50

4.45 4.50 4.55

Time-->

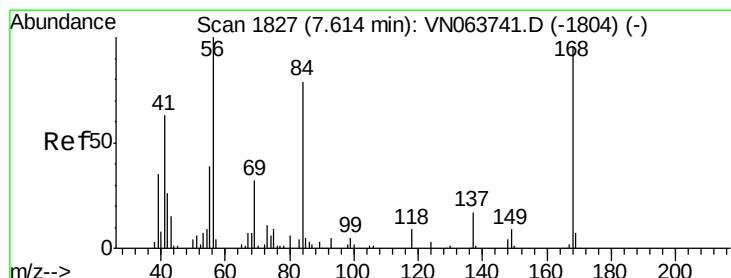
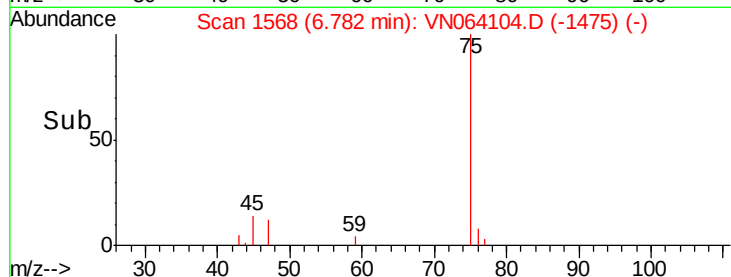
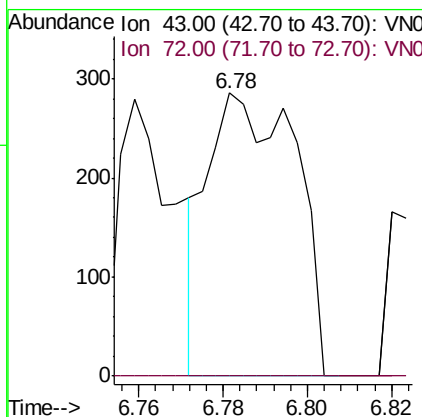
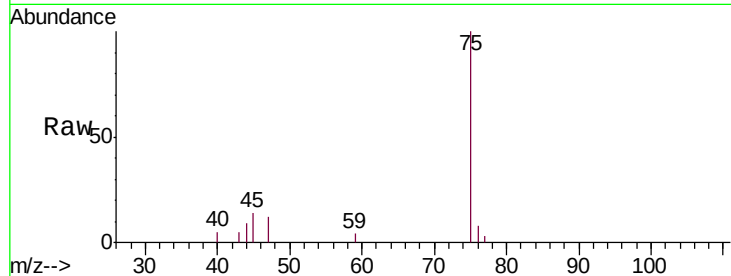




#25  
2-Butanone  
Concen: 0.236 ug/l  
RT: 6.78 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

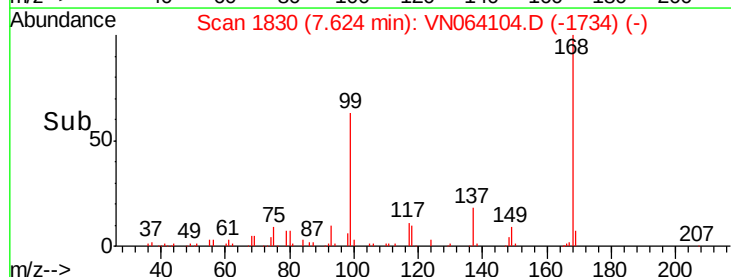
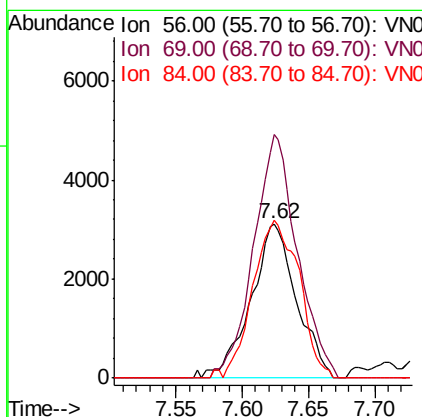
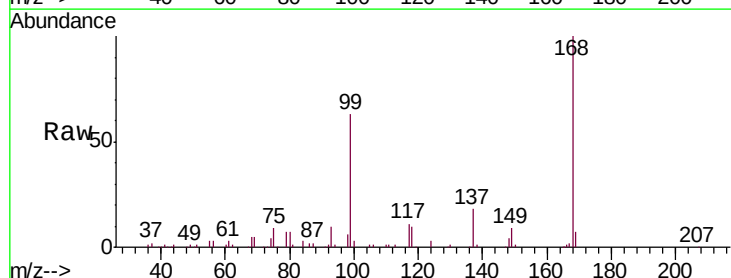
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-08DL2

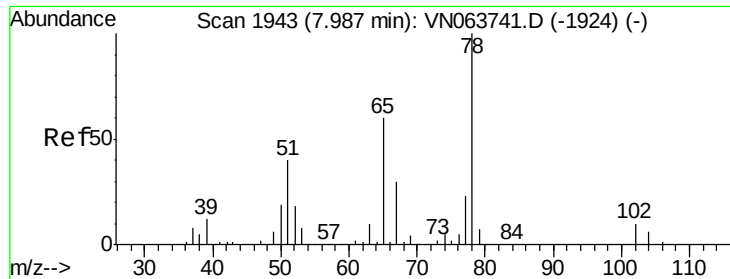
Tgt Ion: 43 Resp: 410  
Ion Ratio Lower Upper  
43 100  
72 0.0 19.3 28.9#



#31  
Cyclohexane  
Concen: 1.613 ug/l  
RT: 7.62 min Scan# 1830  
Delta R.T. 0.01 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

Tgt Ion: 56 Resp: 7459  
Ion Ratio Lower Upper  
56 100  
69 157.5 25.4 38.2#  
84 101.9 63.3 94.9#





#33

1,2-Dichloroethane-d4

Concen: 49.166 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA\_N

ClientSampleId :

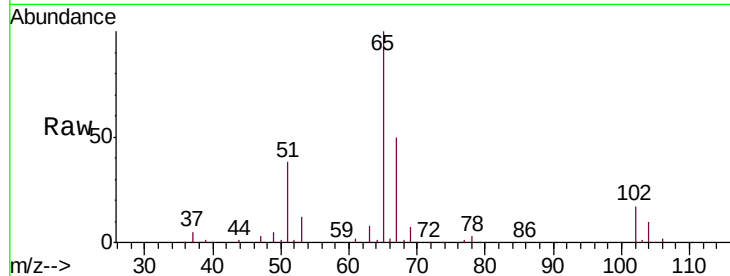
MW-08DL2

Tgt Ion: 65 Resp: 195833

Ion Ratio Lower Upper

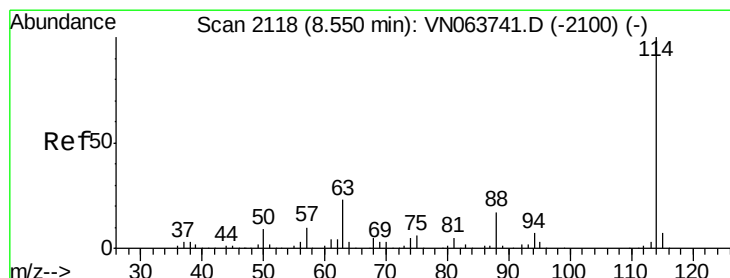
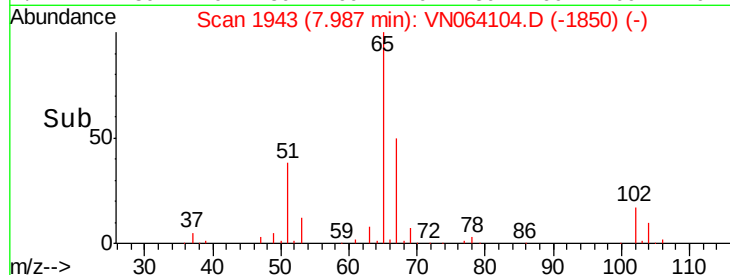
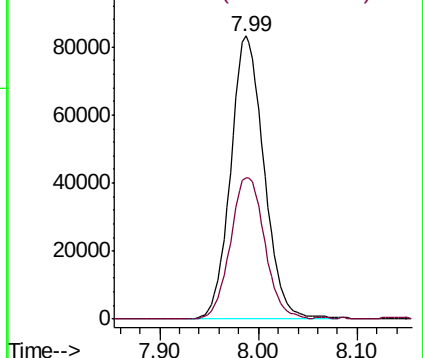
65 100

67 51.5 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN064104.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064104.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

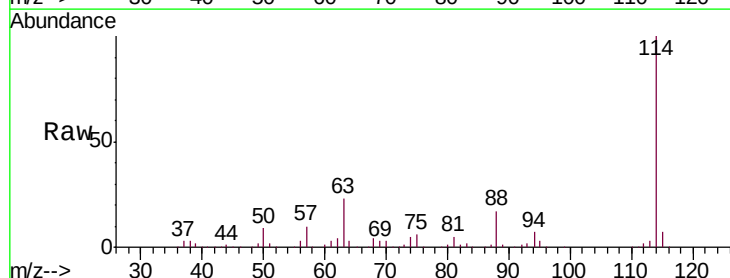
Tgt Ion: 114 Resp: 440298

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

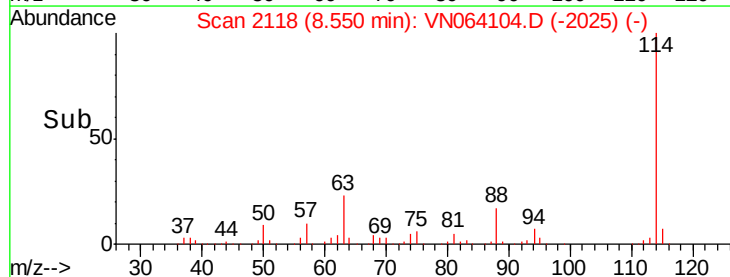
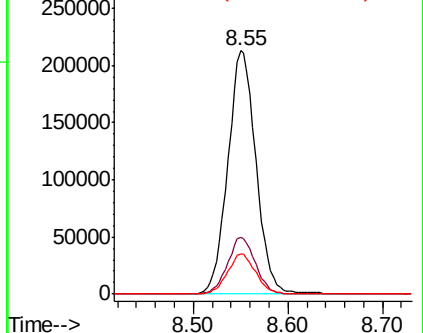
88 16.7 0.0 34.0

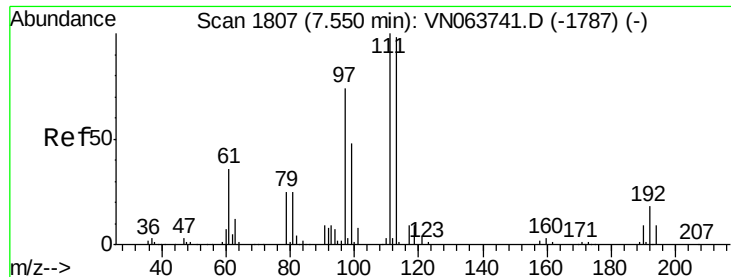


Abundance Ion 113.90 (113.60 to 114.60): VN064104.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064104.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064104.D (-2025) (-)

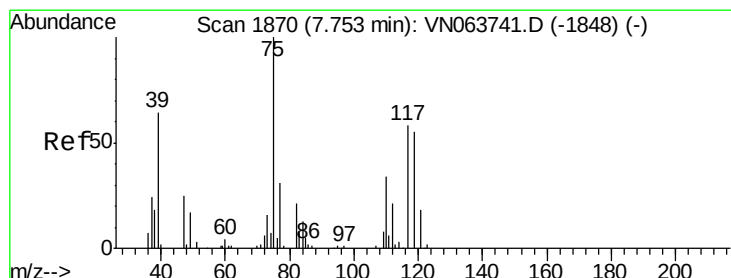
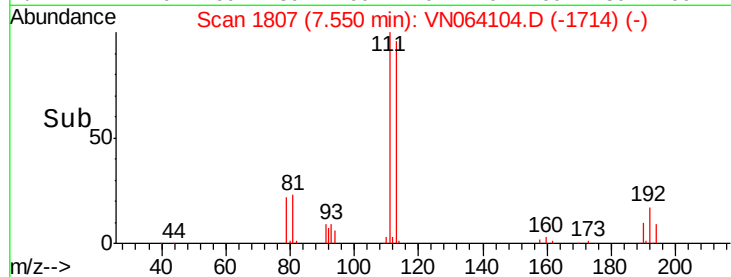
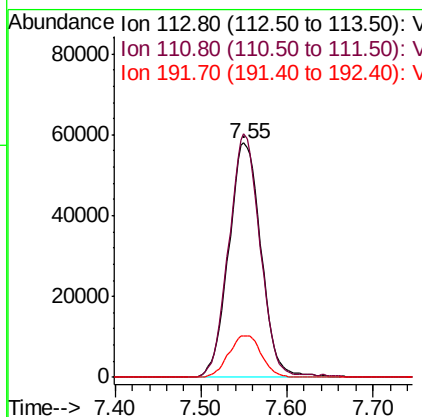
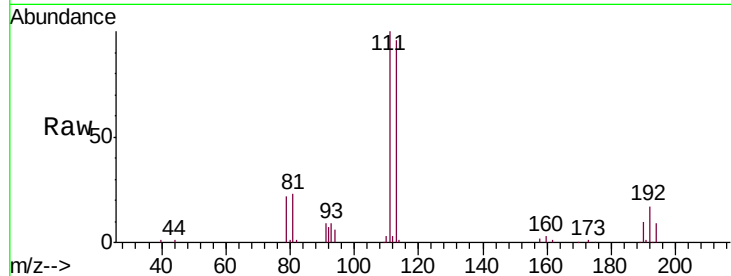




#35  
 Dibromofluoromethane  
 Concen: 49.641 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. -0.00 min  
 Lab File: VN064104.D  
 Acq: 13 Oct 2020 16:22

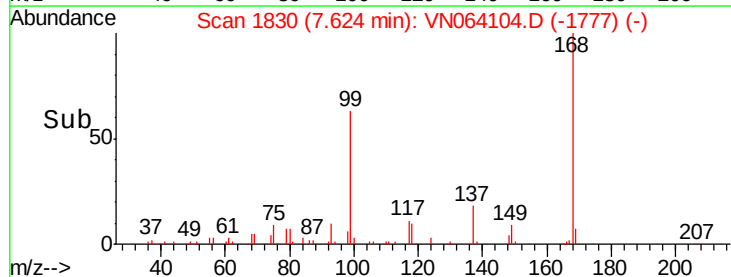
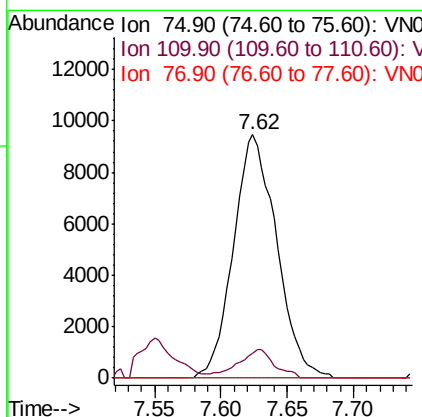
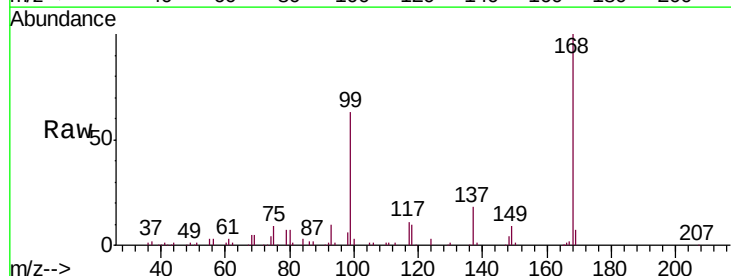
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-08DL2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 99.7  | 81.8  | 122.8 |
| 192     | 17.9  | 14.2  | 21.2  |

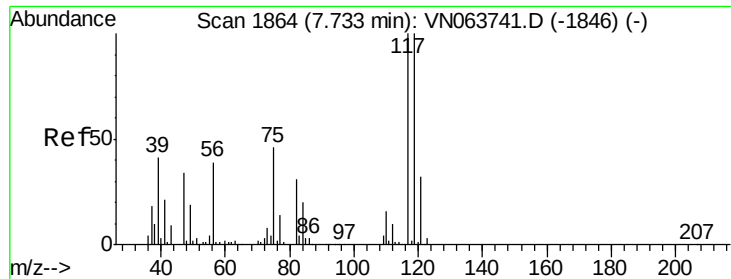


#36  
 1,1-Dichloropropene  
 Concen: 4.812 ug/l  
 RT: 7.62 min Scan# 1830  
 Delta R.T. -0.13 min  
 Lab File: VN064104.D  
 Acq: 13 Oct 2020 16:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.8   | 16.9  | 50.6# |
| 77      | 0.0   | 24.5  | 36.7# |



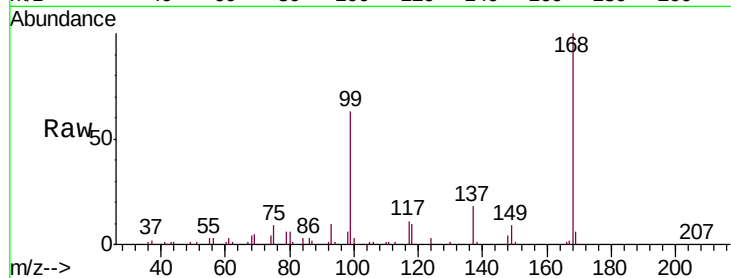




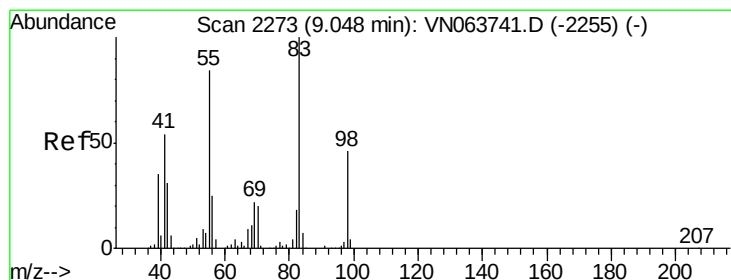
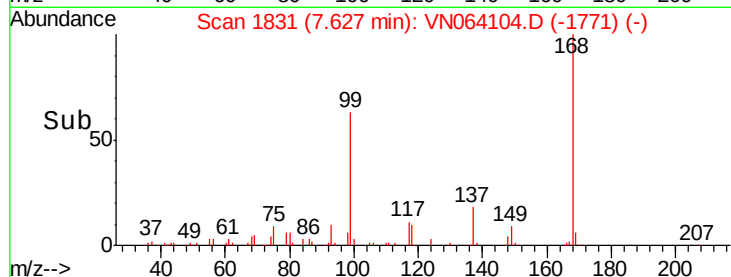
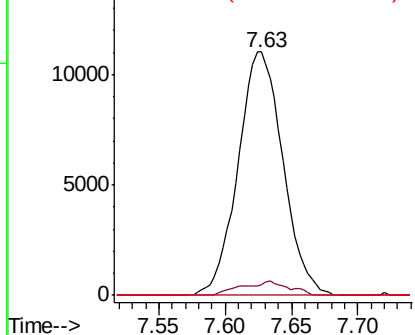
#38  
Carbon Tetrachloride  
Concen: 5.194 ug/l  
RT: 7.63 min Scan# 1831  
Delta R.T. -0.11 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-08DL2

Tgt Ion: 117 Resp: 25981  
Ion Ratio Lower Upper  
117 100  
119 4.4 80.1 120.1#  
121 0.0 25.7 38.5#

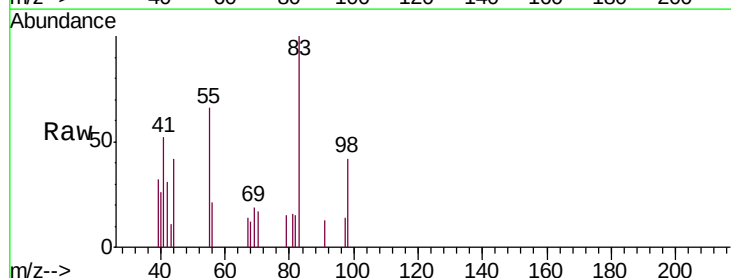


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

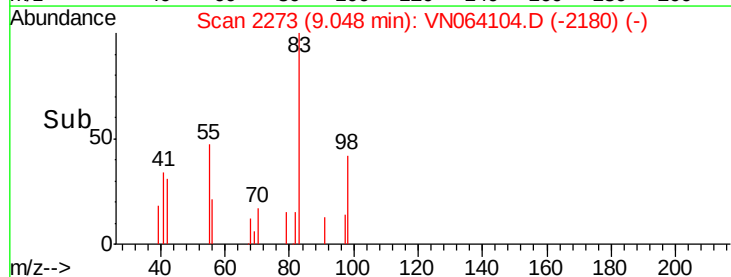
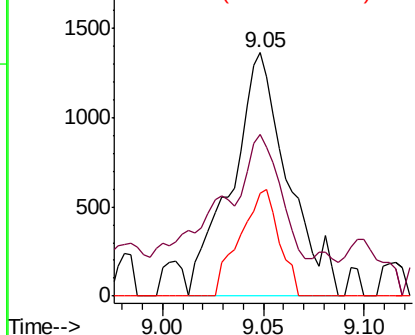


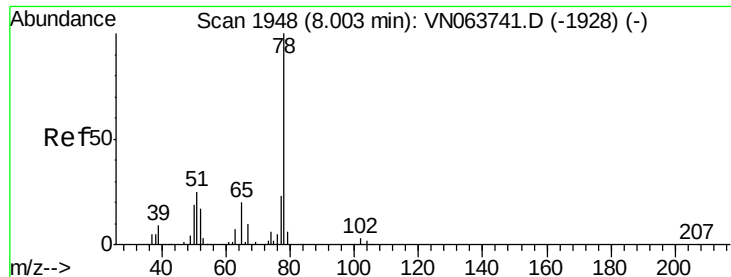
#39  
Methylcyclohexane  
Concen: 0.596 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

Tgt Ion: 83 Resp: 2650  
Ion Ratio Lower Upper  
83 100  
55 52.6 67.1 100.7#  
98 42.1 36.6 54.8



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





#40

Benzene

Concen: 0.988 ug/l

RT: 8.01 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA\_N

ClientSampled :

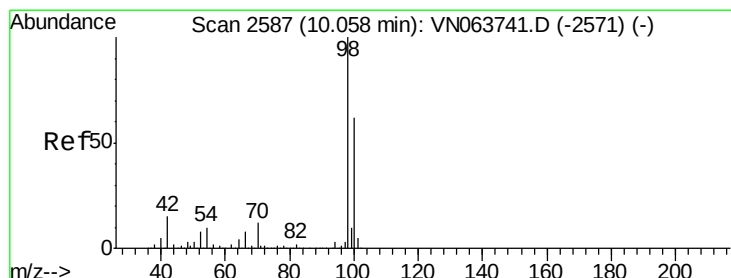
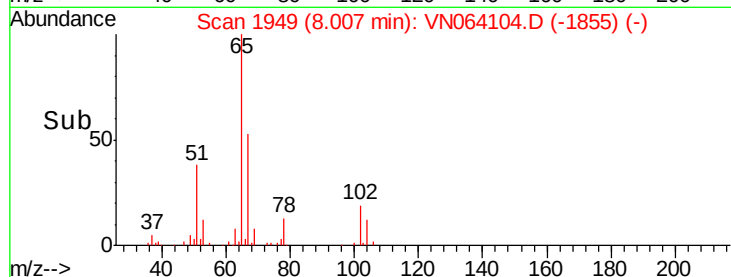
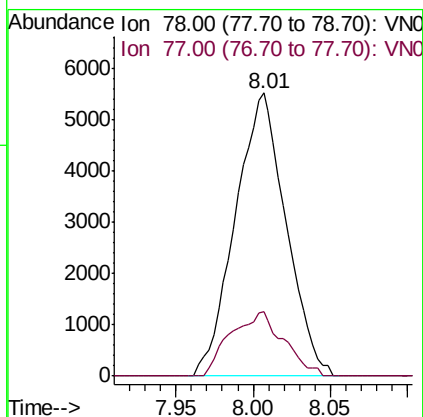
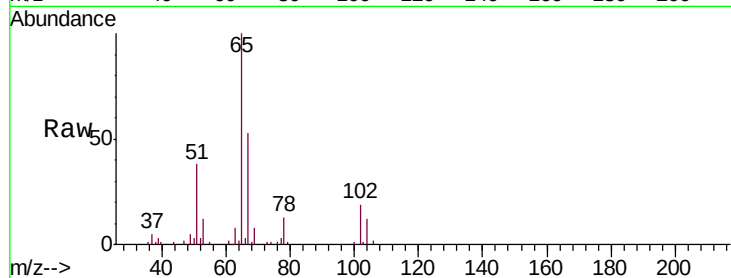
MW-08DL2

Tgt Ion: 78 Resp: 12589

Ion Ratio Lower Upper

78 100

77 23.0 18.7 28.1



#50

Toluene-d8

Concen: 50.296 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064104.D

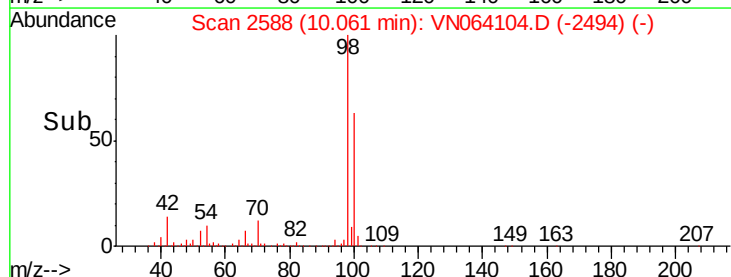
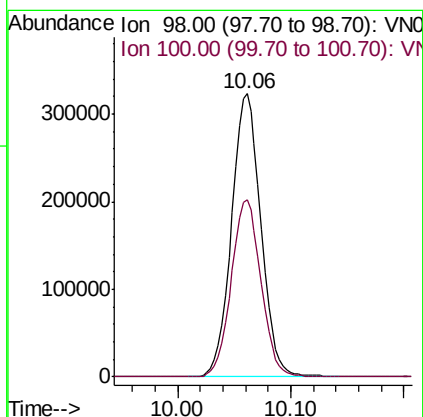
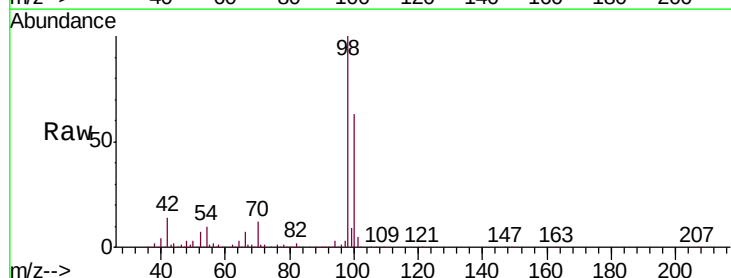
Acq: 13 Oct 2020 16:22

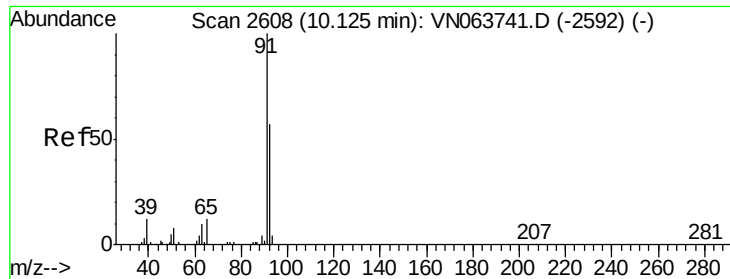
Tgt Ion: 98 Resp: 582513

Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.6





#52

Toluene

Concen: 1.672 ug/l

RT: 10.13 min Scan# 2609

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA\_N

ClientSampled :

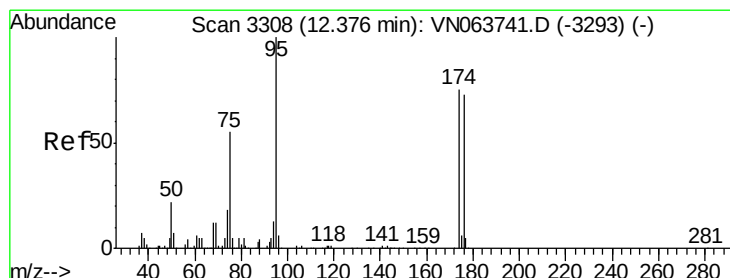
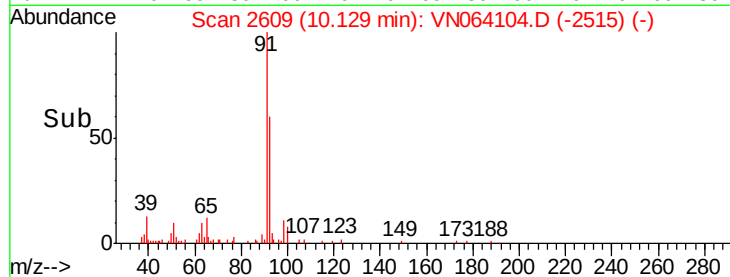
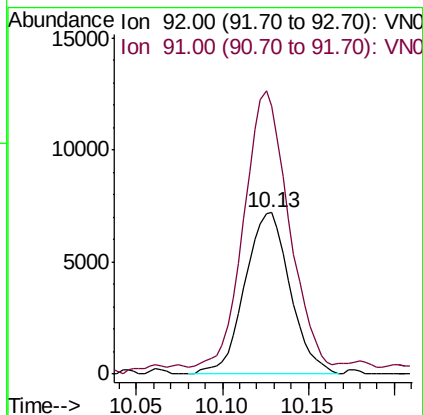
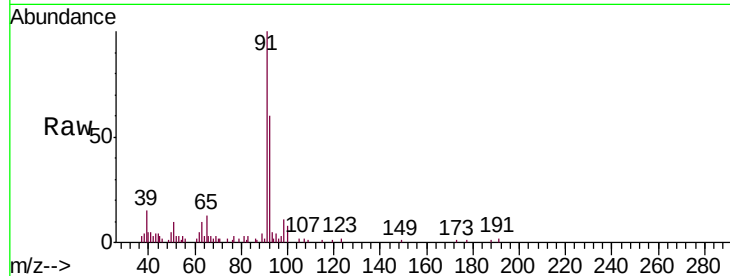
MW-08DL2

Tgt Ion: 92 Resp: 13179

Ion Ratio Lower Upper

92 100

91 171.2 140.6 210.8



#62

4-Bromofluorobenzene

Concen: 56.625 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

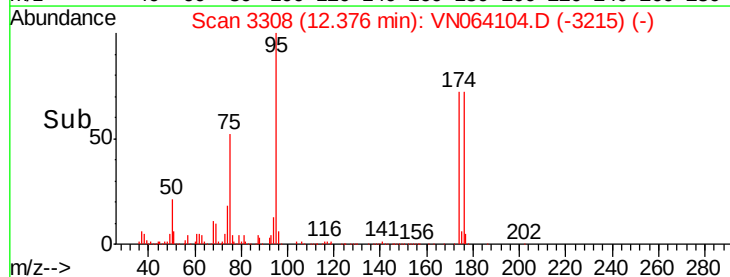
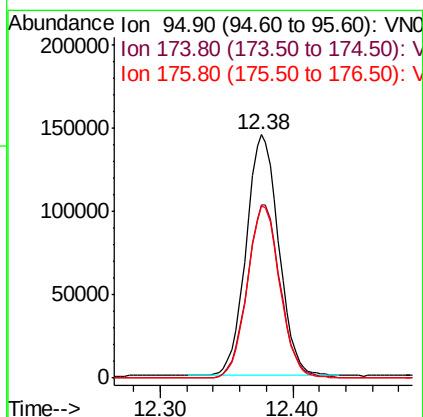
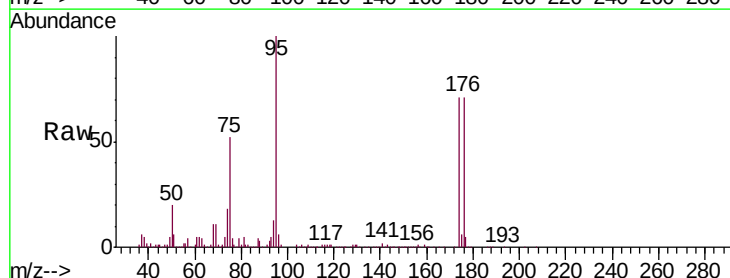
Tgt Ion: 95 Resp: 246525

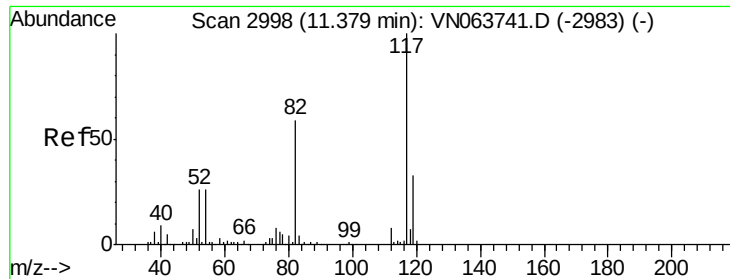
Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.6

176 71.7 0.0 145.4

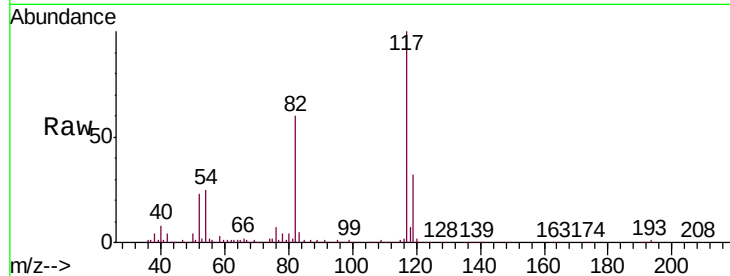




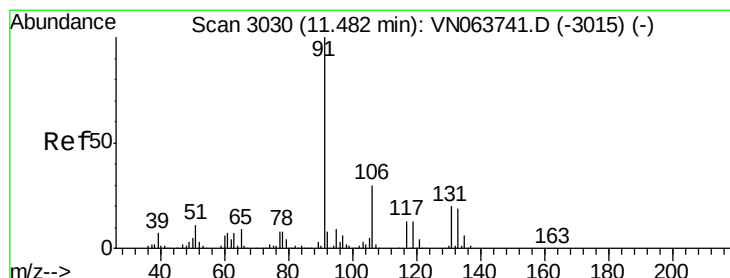
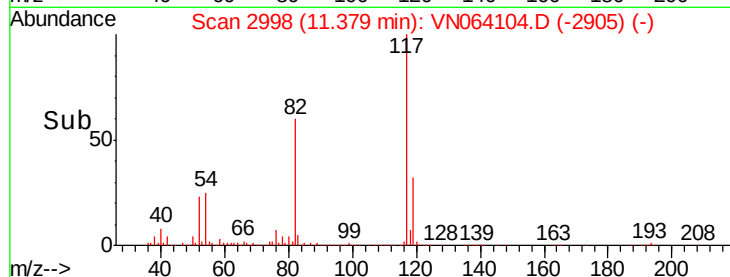
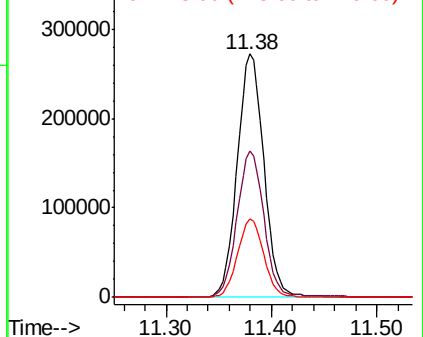
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

Instrument :  
MSVOA\_N  
ClientSampled :  
MW-08DL2

Tgt Ion: 117 Resp: 475586  
Ion Ratio Lower Upper  
117 100  
82 59.7 47.4 71.2  
119 31.9 26.4 39.6

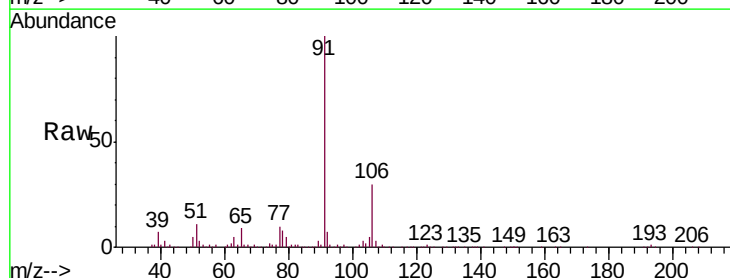


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

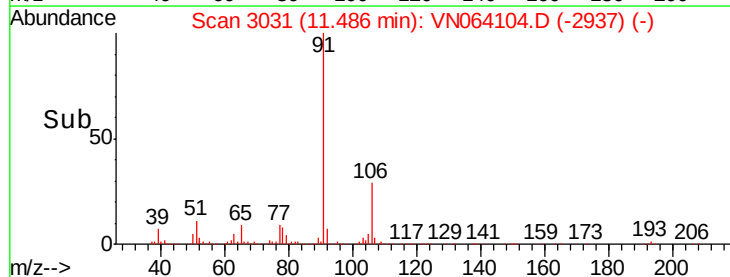
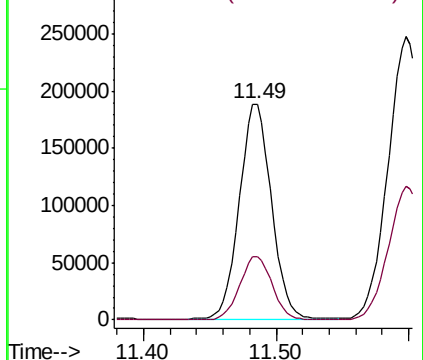


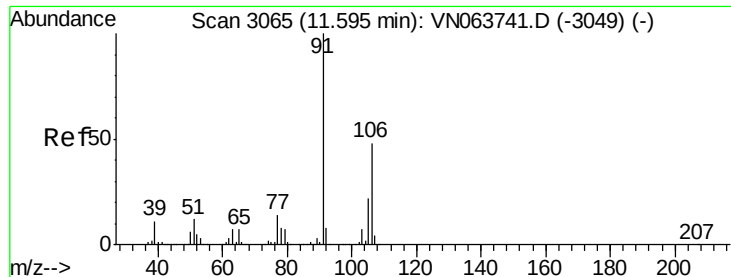
#67  
Ethyl Benzene  
Concen: 17.711 ug/l  
RT: 11.49 min Scan# 3031  
Delta R.T. 0.00 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

Tgt Ion: 91 Resp: 314400  
Ion Ratio Lower Upper  
91 100  
106 29.5 24.2 36.2



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

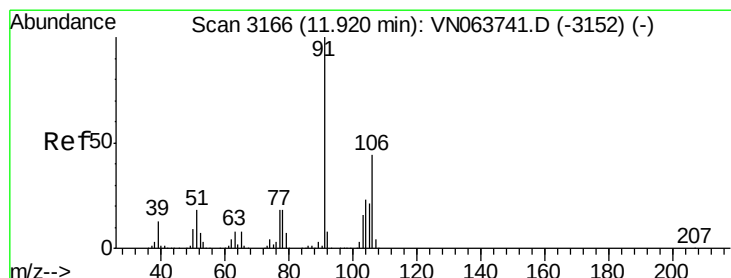
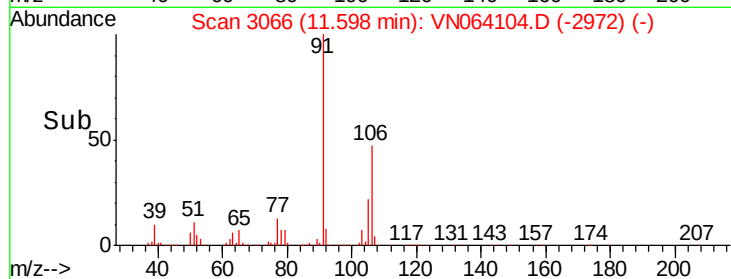
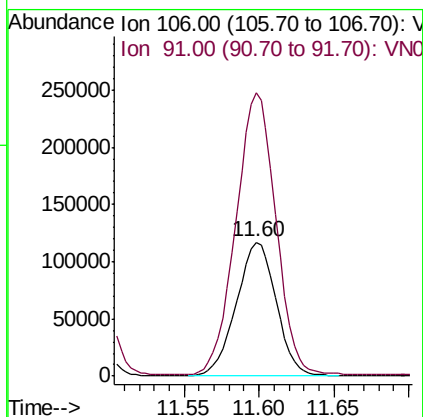
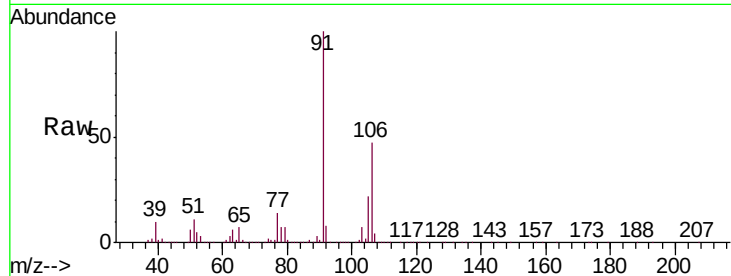




#68  
m/p-Xylenes  
Concen: 32.650 ug/l  
RT: 11.60 min Scan# 3066  
Delta R.T. 0.00 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

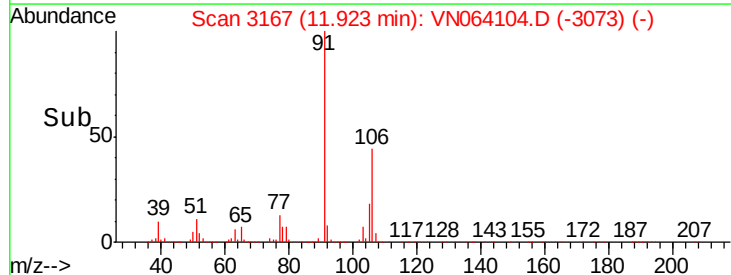
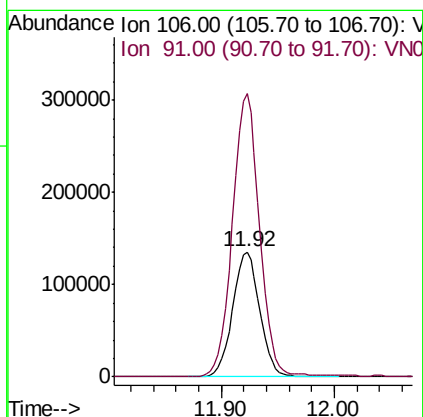
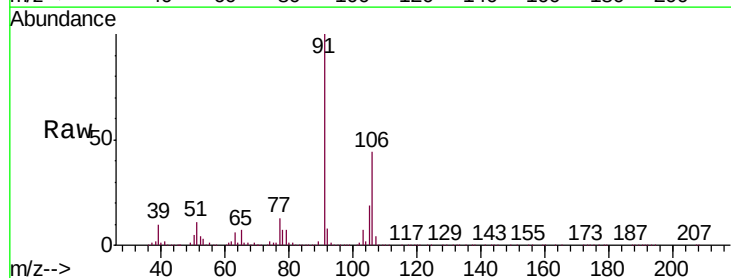
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-08DL2

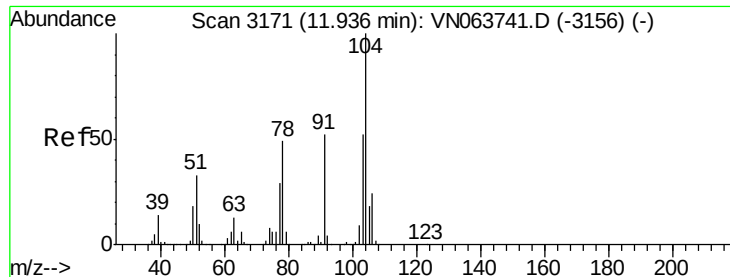
Tgt Ion:106 Resp: 216018  
Ion Ratio Lower Upper  
106 100  
91 212.2 168.0 252.0



#69  
o-Xylene  
Concen: 36.262 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

Tgt Ion:106 Resp: 224241  
Ion Ratio Lower Upper  
106 100  
91 224.9 112.7 338.0





#70

Styrene

Concen: 1.144 ug/l

RT: 11.93 min Scan# 3168

Delta R.T. -0.01 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA\_N

ClientSampleId :

MW-08DL2

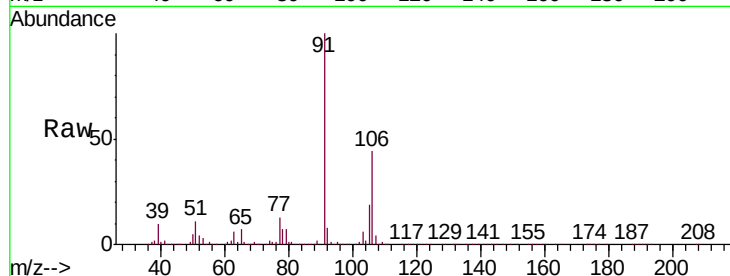
Tgt Ion:104 Resp: 12011

Ion Ratio Lower Upper

104 100

78 308.7 44.1 66.1#

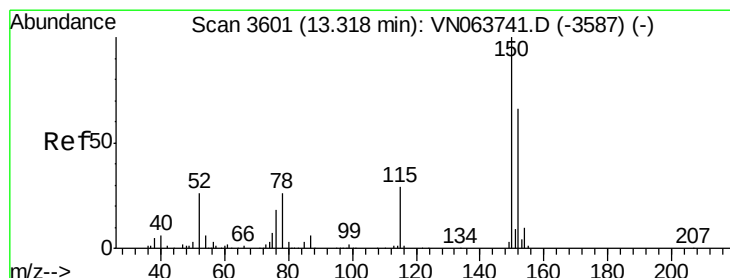
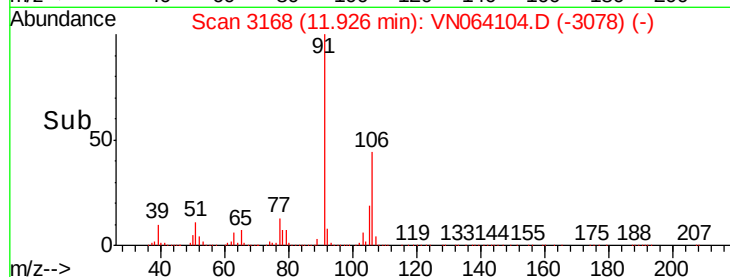
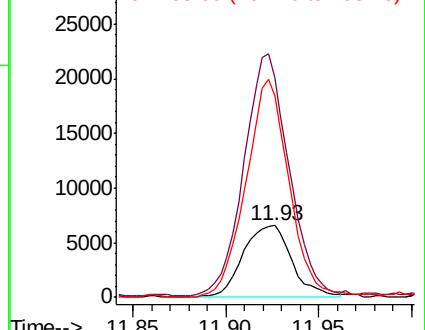
103 269.6 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

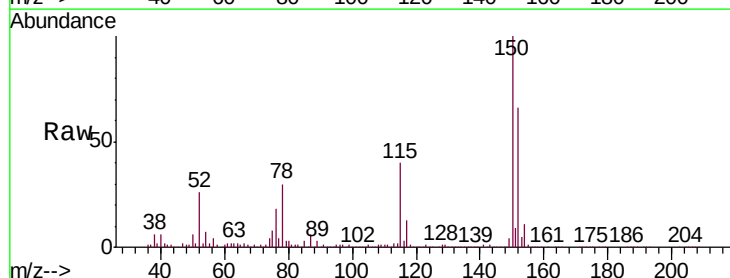
Tgt Ion:152 Resp: 208280

Ion Ratio Lower Upper

152 100

115 63.9 31.3 93.8

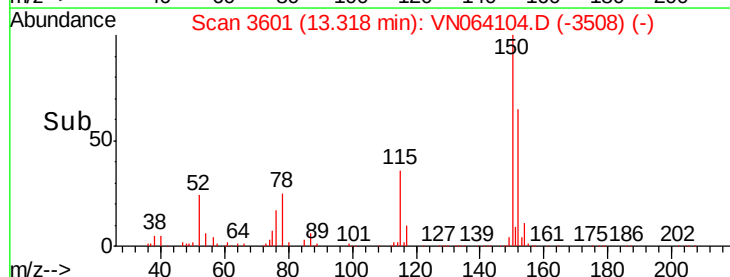
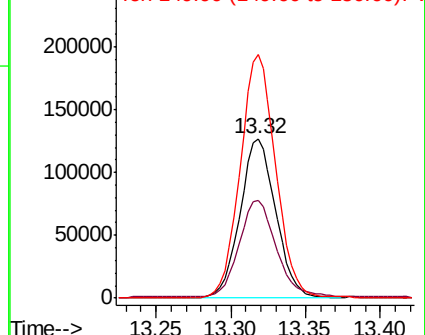
150 153.5 0.0 341.8

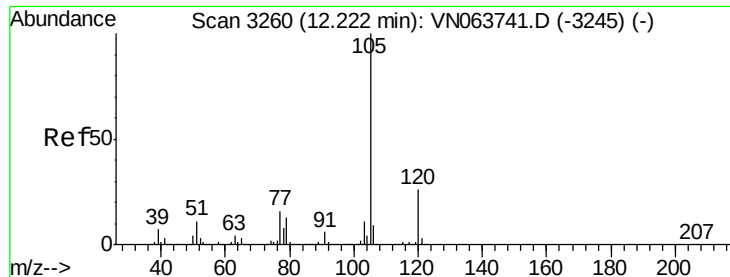


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.905 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA\_N

ClientSampled :

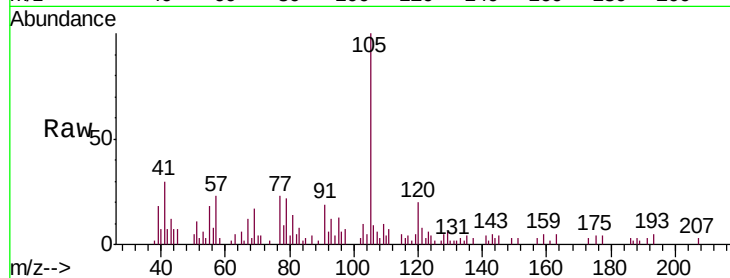
MW-08DL2

Tgt Ion:105 Resp: 13745

Ion Ratio Lower Upper

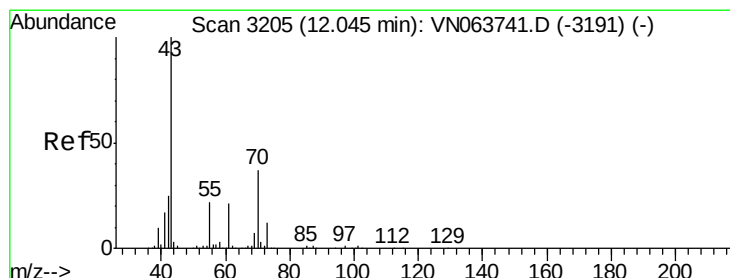
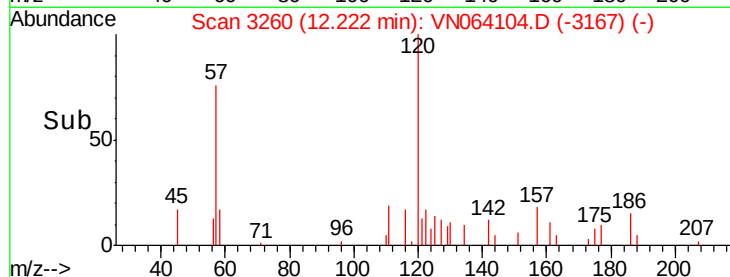
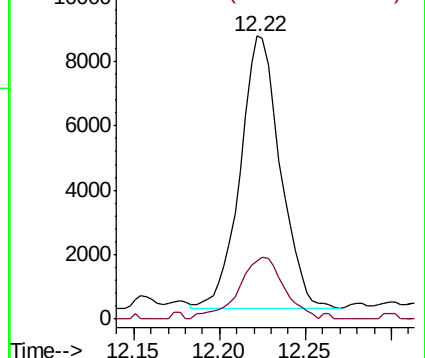
105 100

120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.275 ug/l

RT: 12.03 min Scan# 3201

Delta R.T. -0.01 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Tgt Ion: 43 Resp: 433

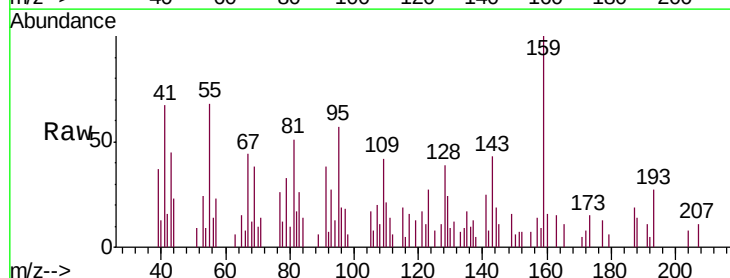
Ion Ratio Lower Upper

43 100

70 13.2 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

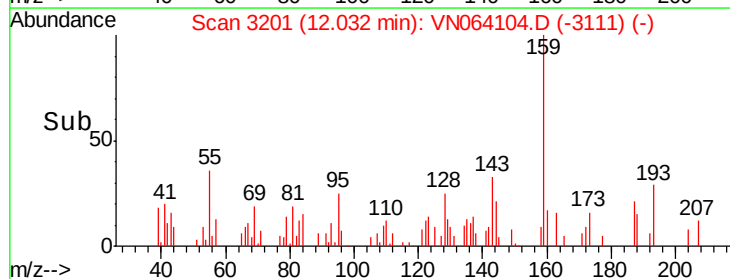
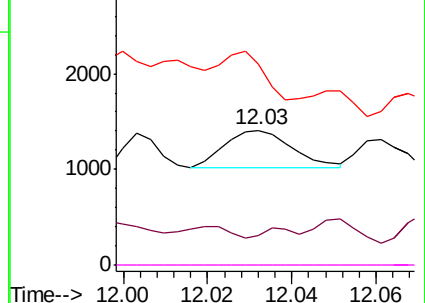


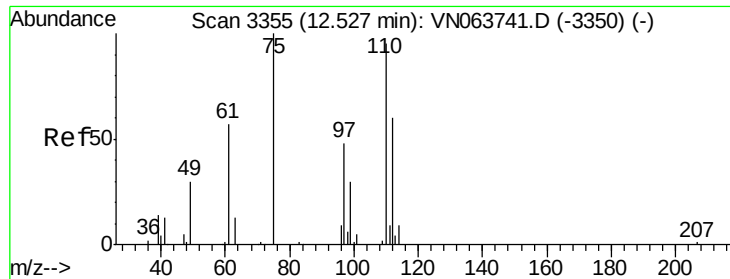
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 28.840 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA\_N

ClientSampleId :

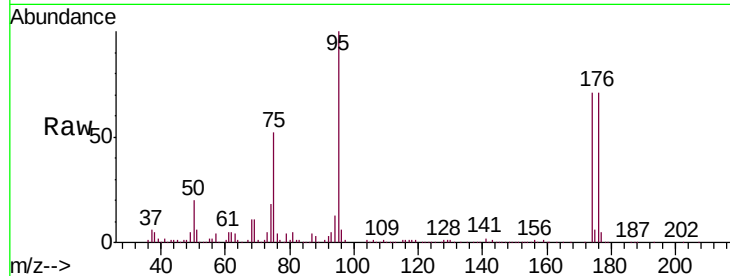
MW-08DL2

Tgt Ion: 75 Resp: 132414

Ion Ratio Lower Upper

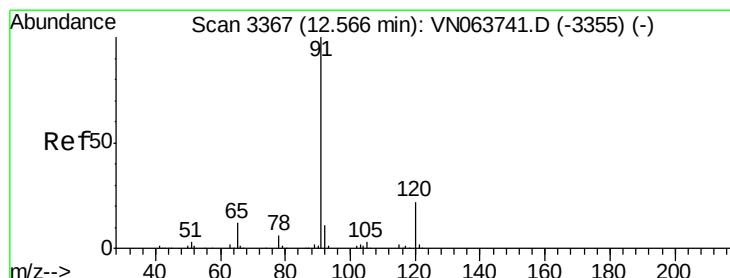
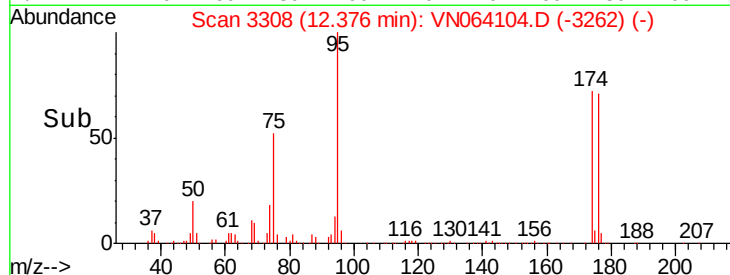
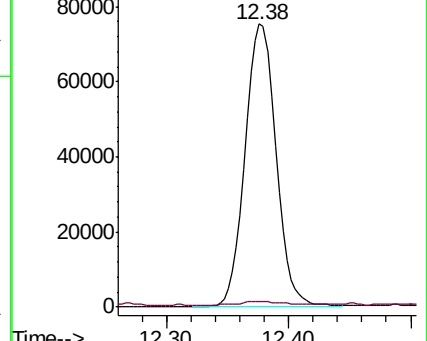
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN063741.D (-3350) (-)



#78

n-propylbenzene

Concen: 1.820 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN064104.D

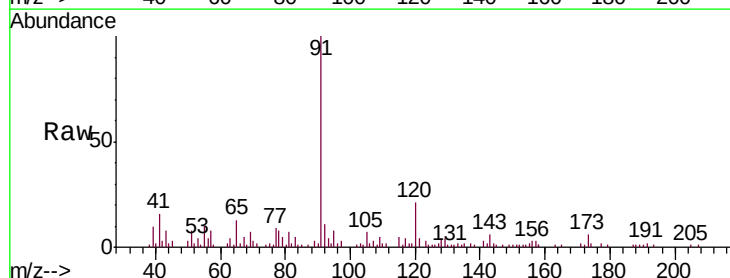
Acq: 13 Oct 2020 16:22

Tgt Ion: 91 Resp: 32183

Ion Ratio Lower Upper

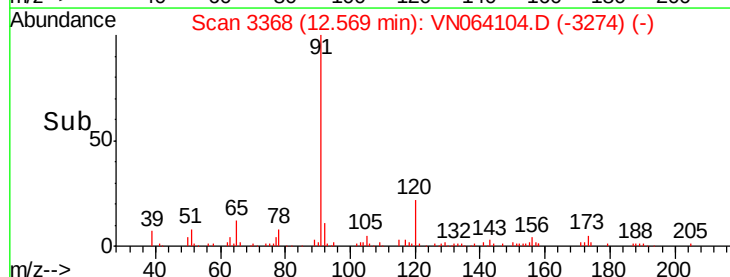
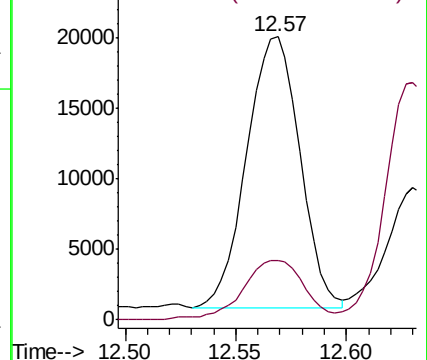
91 100

120 25.5 11.1 33.1

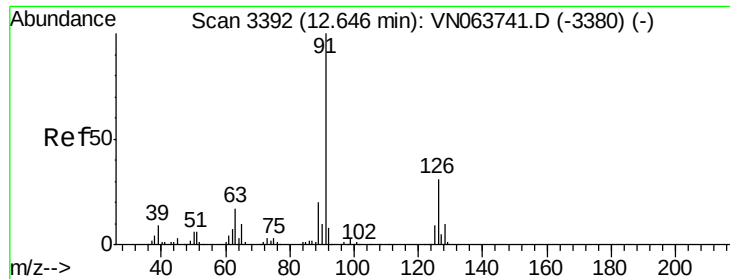


Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3355) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3355) (-)



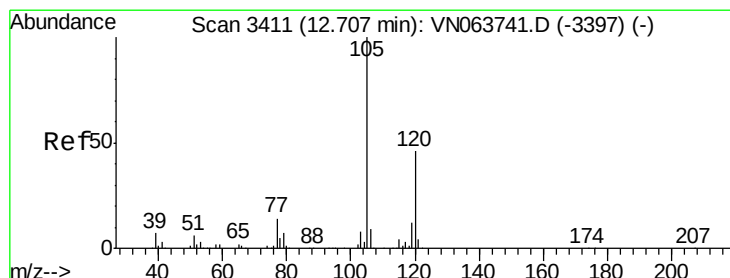
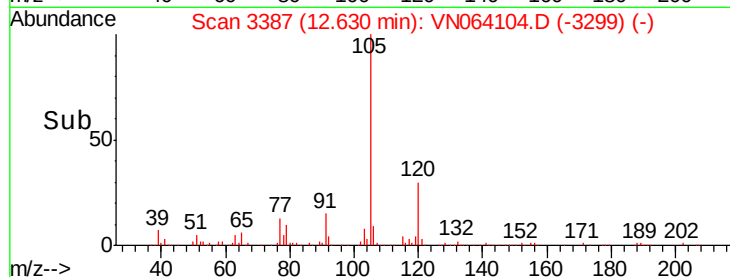
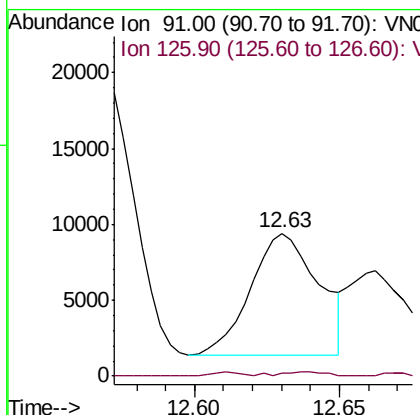
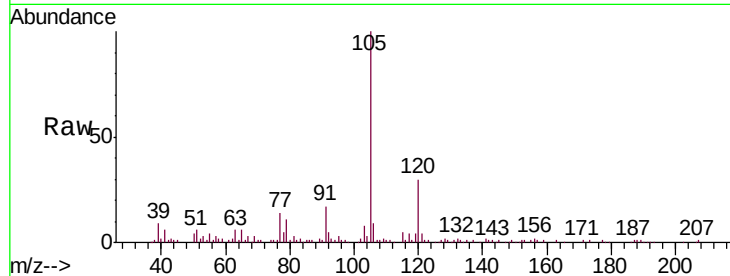




#79  
 2-Chlorotoluene  
 Concen: 1.199 ug/l  
 RT: 12.63 min Scan# 3387  
 Delta R.T. -0.02 min  
 Lab File: VN064104.D  
 Acq: 13 Oct 2020 16:22

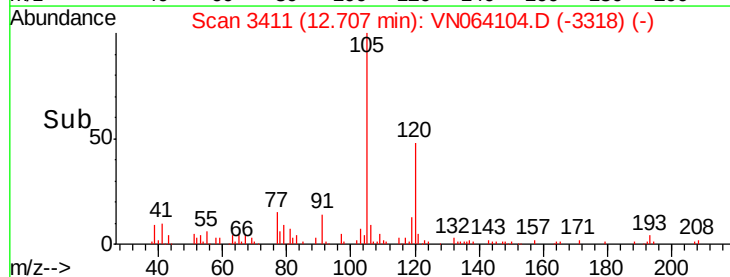
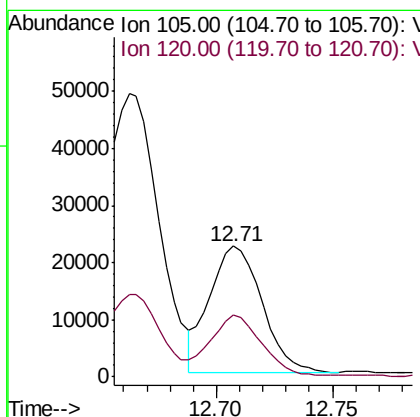
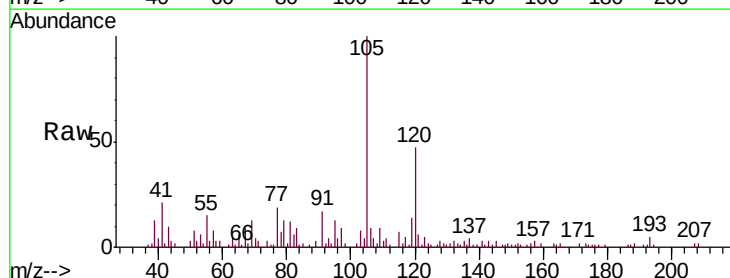
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-08DL2

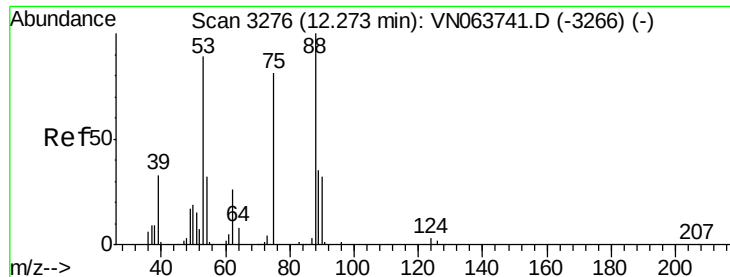
Tgt Ion: 91 Resp: 13037  
 Ion Ratio Lower Upper  
 91 100  
 126 2.2 15.9 47.7#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 2.726 ug/l  
 RT: 12.71 min Scan# 3411  
 Delta R.T. 0.00 min  
 Lab File: VN064104.D  
 Acq: 13 Oct 2020 16:22

Tgt Ion: 105 Resp: 34737  
 Ion Ratio Lower Upper  
 105 100  
 120 46.0 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 83.064 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA\_N

ClientSampled :

MW-08DL2

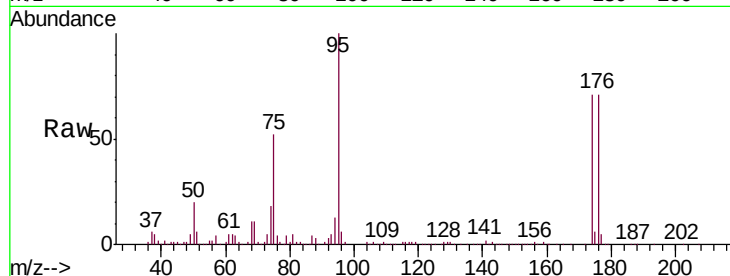
Tgt Ion: 75 Resp: 132414

Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

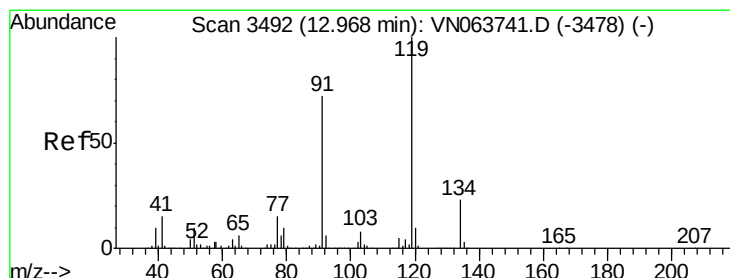
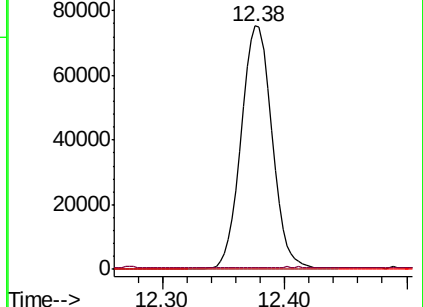
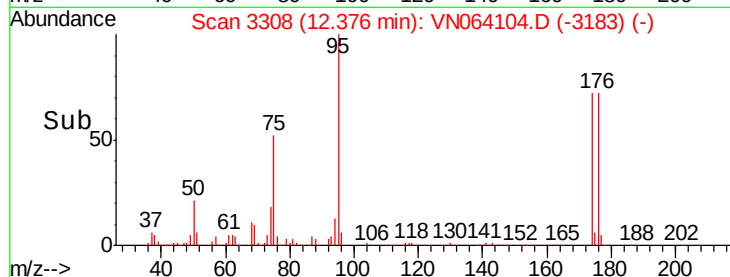
89 0.1 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064104.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064104.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064104.D (-3183) (-)



#83

tert-Butylbenzene

Concen: 3.542 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.05 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

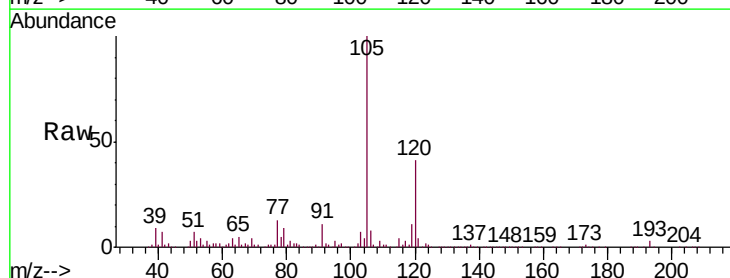
Tgt Ion: 119 Resp: 36923

Ion Ratio Lower Upper

119 100

91 99.2 35.5 106.5

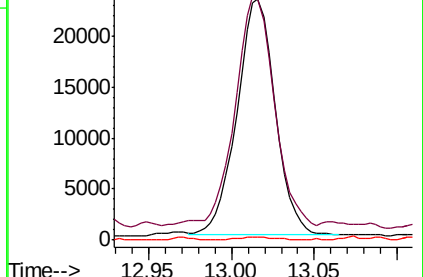
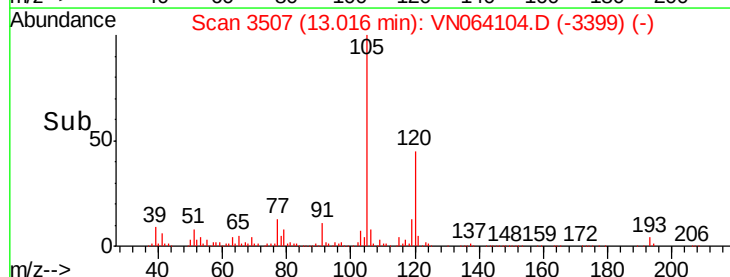
134 1.3 11.7 35.1#

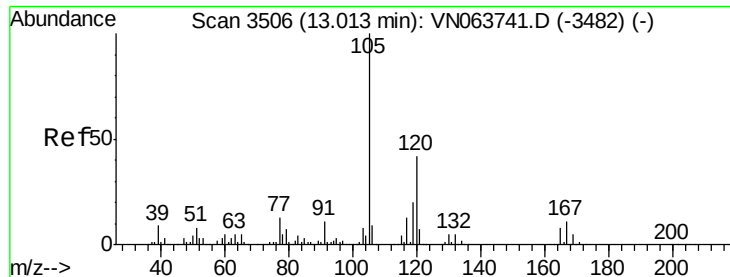


Abundance Ion 119.00 (118.70 to 119.70): VN064104.D (-3399) (-)

Ion 91.00 (90.70 to 91.70): VN064104.D (-3399) (-)

Ion 134.00 (133.70 to 134.70): VN064104.D (-3399) (-)

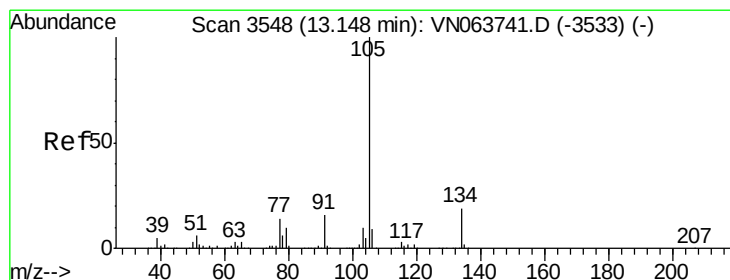
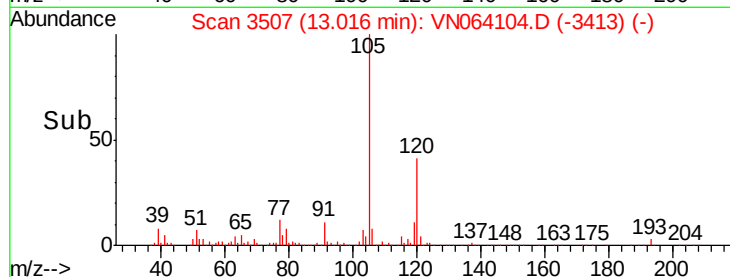
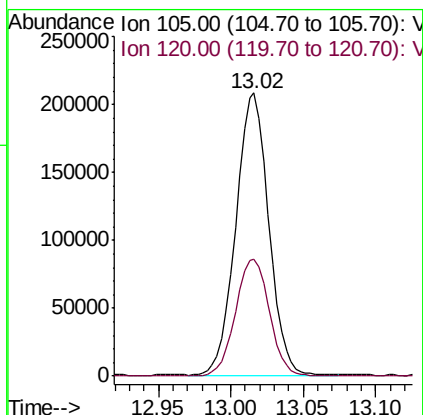
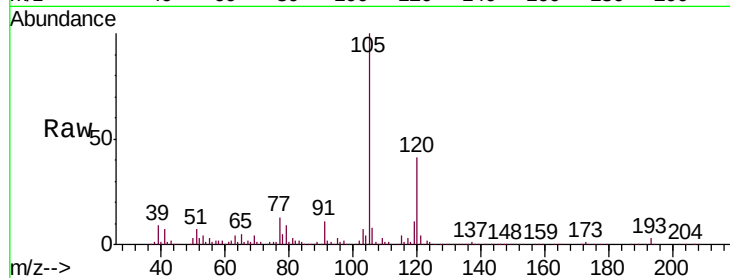




#84  
1,2,4-Trimethylbenzene  
Concen: 25.660 ug/l  
RT: 13.02 min Scan# 3507  
Delta R.T. 0.00 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

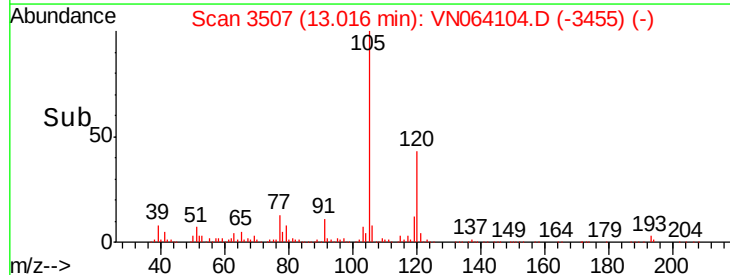
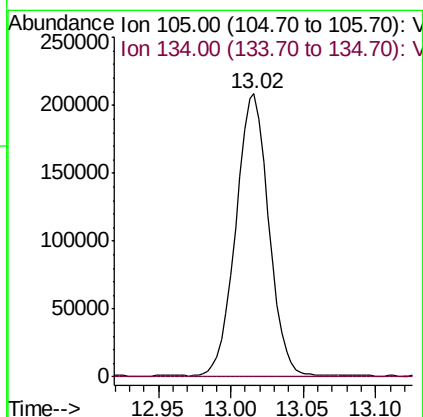
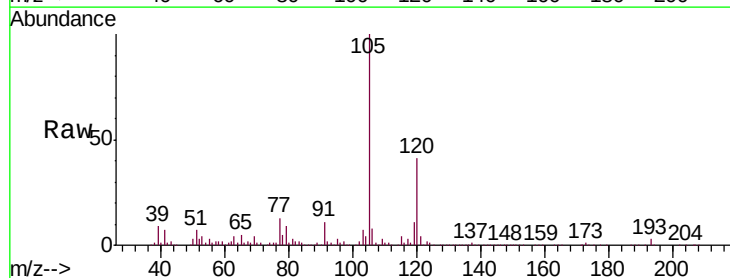
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-08DL2

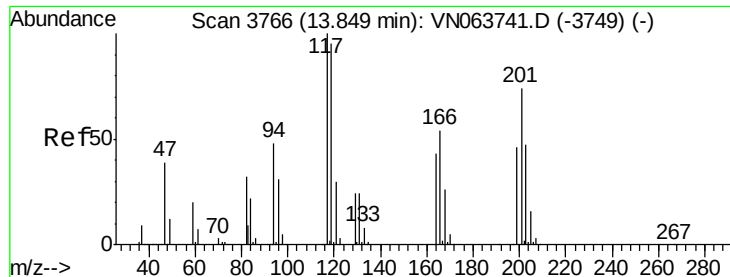
Tgt Ion:105 Resp: 326523  
Ion Ratio Lower Upper  
105 100  
120 42.7 20.9 62.7



#85  
sec-Butylbenzene  
Concen: 23.846 ug/l  
RT: 13.02 min Scan# 3507  
Delta R.T. -0.13 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

Tgt Ion:105 Resp: 326523  
Ion Ratio Lower Upper  
105 100  
134 0.1 9.5 28.5#

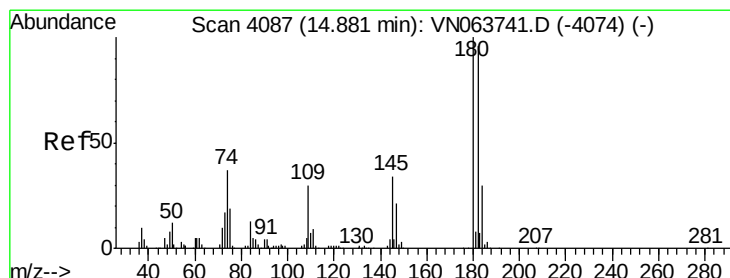
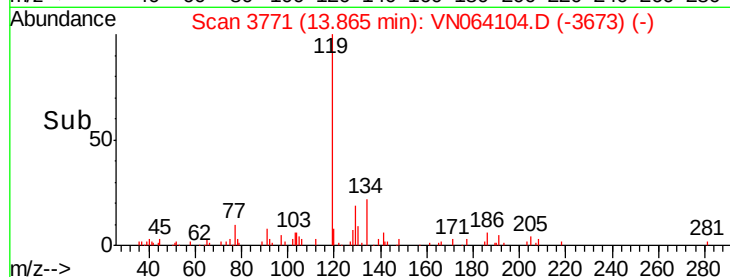
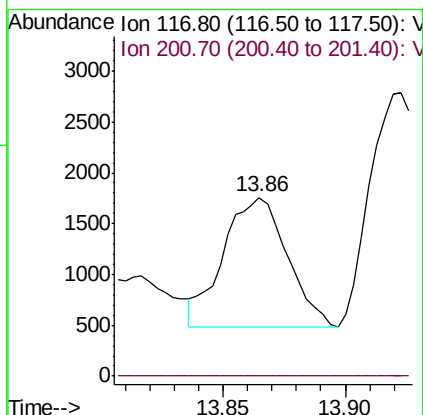
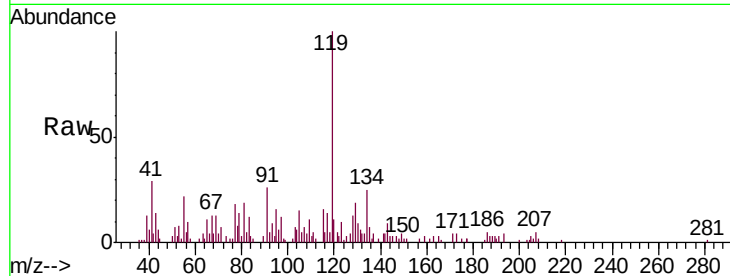




#90  
Hexachloroethane  
Concen: 0.983 ug/l  
RT: 13.86 min Scan# 3771  
Delta R.T. 0.02 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

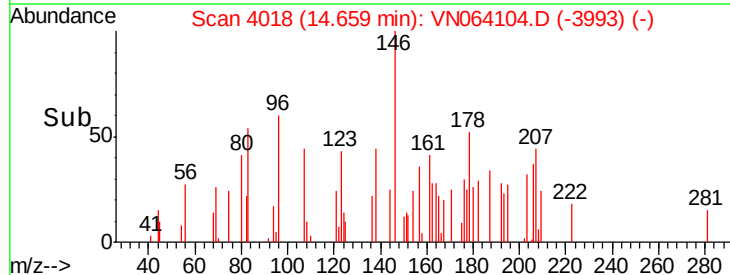
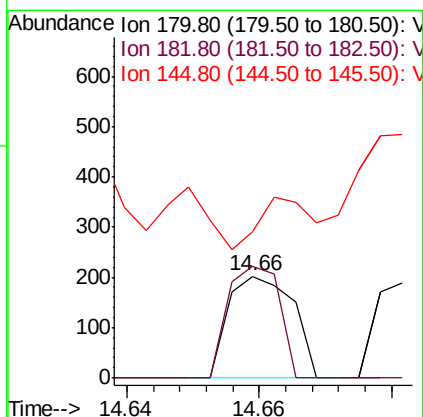
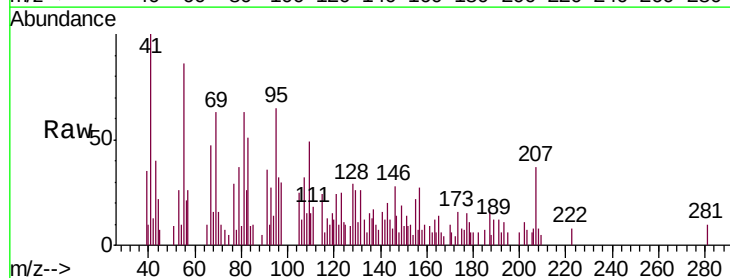
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-08DL2

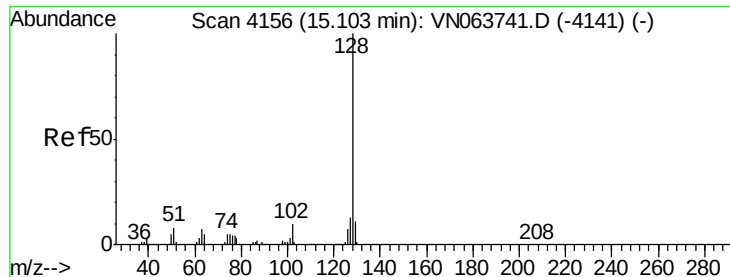
Tgt Ion:117 Resp: 2307  
Ion Ratio Lower Upper  
117 100  
201 0.0 36.0 108.0#



#93  
1,2,4-Trichlorobenzene  
Concen: 1.773 ug/l  
RT: 14.66 min Scan# 4018  
Delta R.T. -0.22 min  
Lab File: VN064104.D  
Acq: 13 Oct 2020 16:22

Tgt Ion:180 Resp: 137  
Ion Ratio Lower Upper  
180 100  
182 87.6 48.2 144.6  
145 41.6 17.1 51.2





#95

Naphthalene

Concen: 8.296 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA\_N

ClientSampled :

MW-08DL2

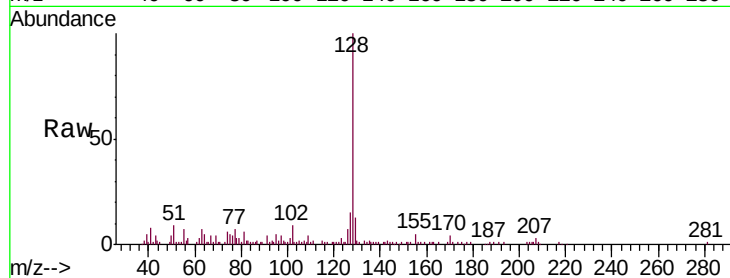
Tgt Ion:128 Resp: 74478

Ion Ratio Lower Upper

128 100

127 14.8 10.5 15.7

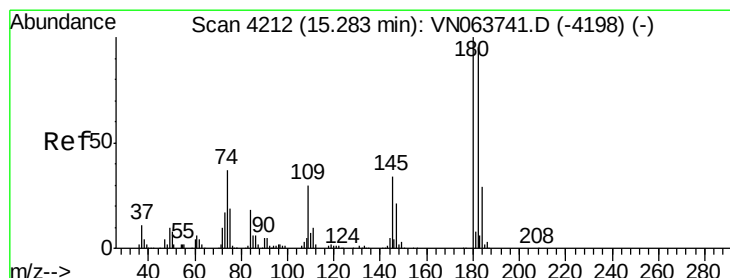
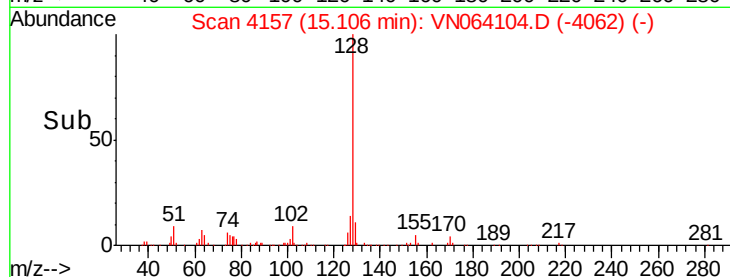
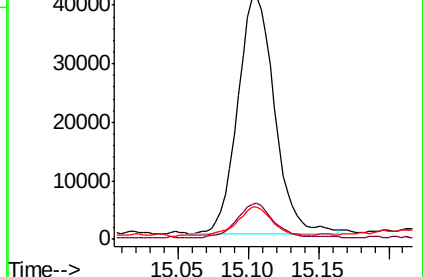
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.576 ug/l

RT: 15.33 min Scan# 4227

Delta R.T. 0.05 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

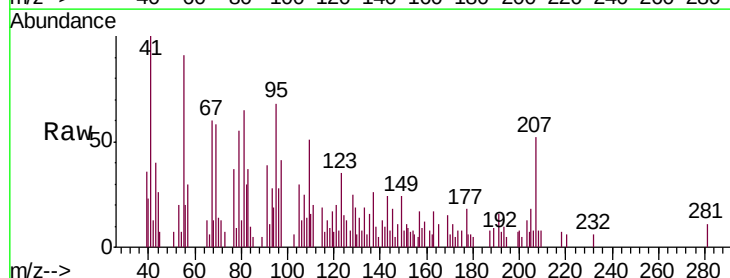
Tgt Ion:180 Resp: 29

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.6#

145 620.7 17.2 51.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

