

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\  
 Data File : VN063169.D  
 Acq On : 1 Sep 2020 20:53  
 Operator : JC/MD  
 Sample : L3851-09  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 02 04:06:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N083120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 01 04:21:28 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 367471   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 714666   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 719346   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 291445   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 287036   | 47.78 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.56%  |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 222036   | 48.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.86%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 915144   | 51.86 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.72% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 328891   | 53.28 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.56% |          |

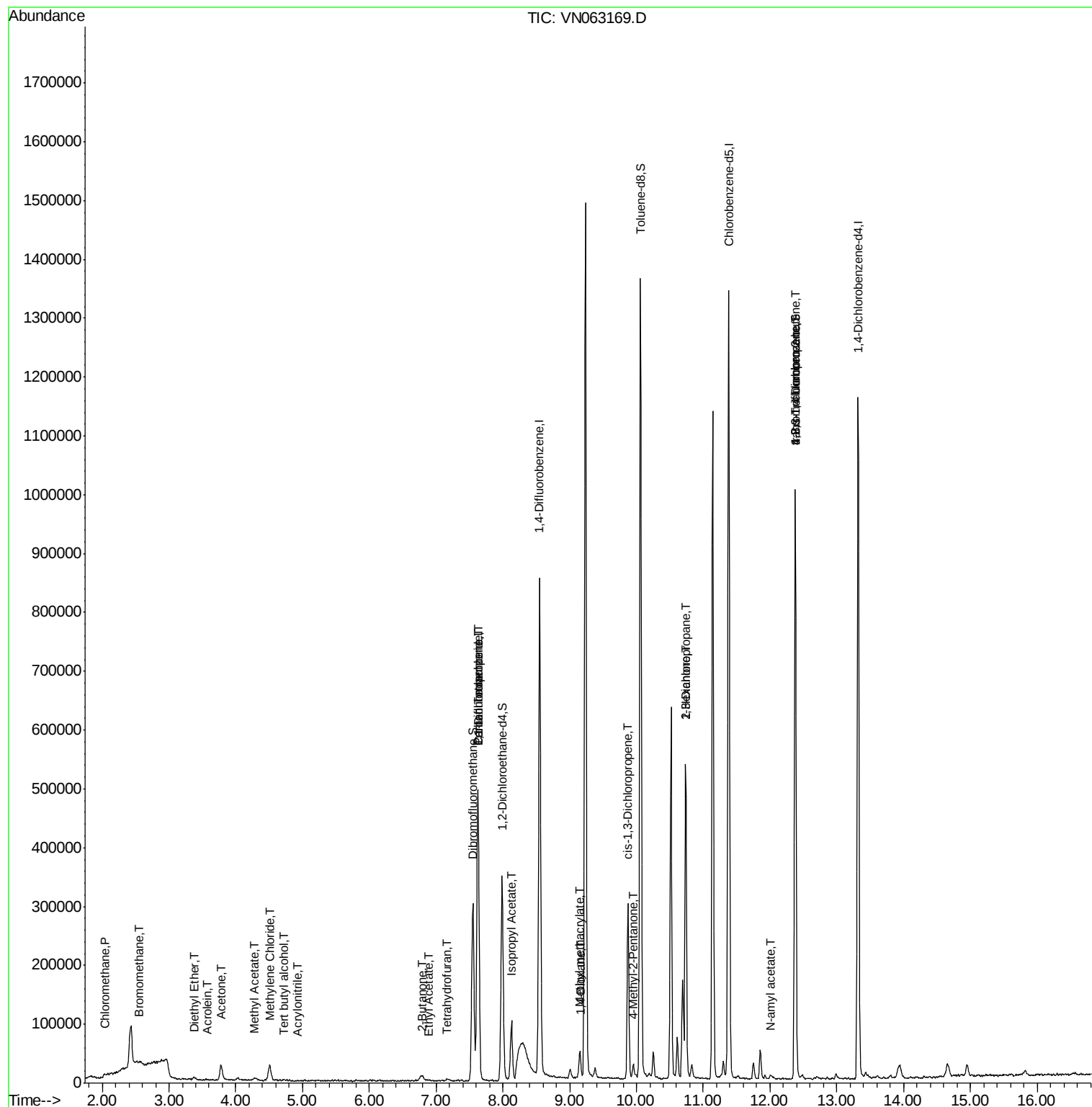
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 2.04  | 50   | 2982     | 0.566     | ug/l # | 88     |
| 5) Bromomethane                | 2.55  | 94   | 1728     | 0.353     | ug/l # | 49     |
| 7) Trichlorofluoromethane      | 2.96  | 101  | 62       | Below Cal |        | 98     |
| 8) Diethyl Ether               | 3.38  | 74   | 2744     | 0.985     | ug/l   | 83     |
| 11) Tert butyl alcohol         | 4.72  | 59   | 1307     | 1.773     | ug/l # | 94     |
| 13) Acrolein                   | 3.57  | 56   | 373      | 17.014    | ug/l # | 75     |
| 15) Acrylonitrile              | 4.94  | 53   | 136      | 2.469     | ug/l # | 26     |
| 16) Acetone                    | 3.78  | 43   | 47536    | 27.837    | ug/l   | 94     |
| 18) Methyl Acetate             | 4.28  | 43   | 3381     | 0.772     | ug/l # | 84     |
| 20) Methylene Chloride         | 4.51  | 84   | 17595    | 3.204     | ug/l   | 98     |
| 25) 2-Butanone                 | 6.80  | 43   | 7098     | 2.684     | ug/l   | 93     |
| 29) Tetrahydrofuran            | 7.17  | 42   | 2045     | 1.119     | ug/l # | 75     |
| 31) Cyclohexane                | 7.63  | 56   | 10823    | Below Cal | #      | 51     |
| 36) 1,1-Dichloropropene        | 7.63  | 75   | 33906    | 4.935     | ug/l # | 51     |
| 37) Ethyl Acetate              | 6.89  | 43   | 553      | 0.465     | ug/l # | 68     |
| 38) Carbon Tetrachloride       | 7.62  | 117  | 40000    | 5.741     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.13  | 43   | 124504   | 11.112    | ug/l # | 89     |
| 48) Methyl methacrylate        | 9.14  | 41   | 5708     | 1.130     | ug/l # | 13     |
| 49) 1,4-Dioxane                | 9.17  | 88   | 32       | 0.410     | ug/l # | 25     |
| 51) 4-Methyl-2-Pentanone       | 9.96  | 43   | 15650    | 2.570     | ug/l   | 91     |
| 54) cis-1,3-Dichloropropene    | 9.87  | 75   | 50424    | 5.784     | ug/l # | 65     |
| 57) 1,3-Dichloropropane        | 10.74 | 76   | 5713     | 0.666     | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.74 | 43   | 81411    | 19.025    | ug/l # | 54     |
| 74) N-amyl acetate             | 12.01 | 43   | 3581     | 0.387     | ug/l # | 54     |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75   | 185053   | 32.316    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 185053   | 78.108    | ug/l # | 10     |

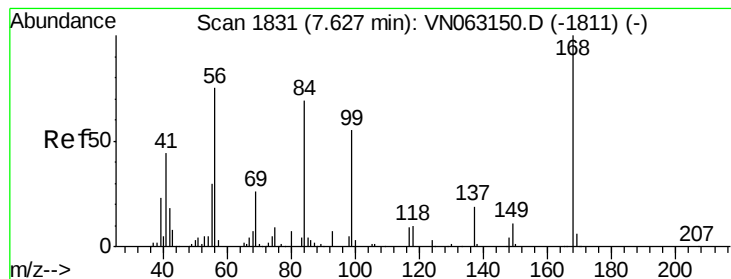
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Sep 01 04:21:28 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

Instrument :

MSVOA\_N

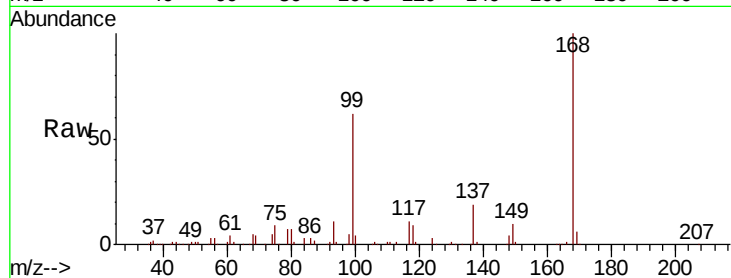
ClientSampleId :

Tot Ion:168 Resp: 367471

Ion Ratio Lower Upper

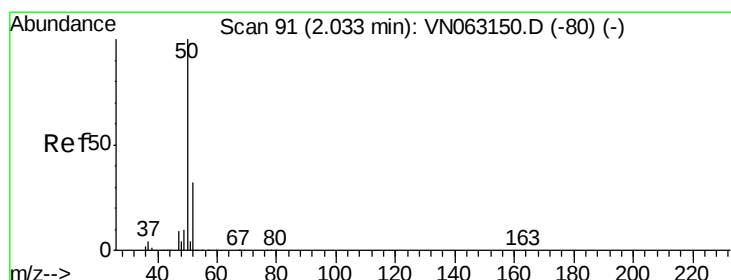
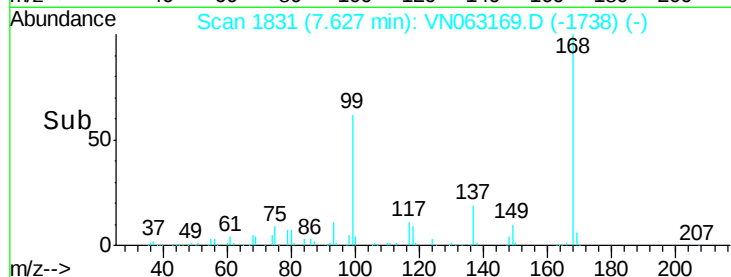
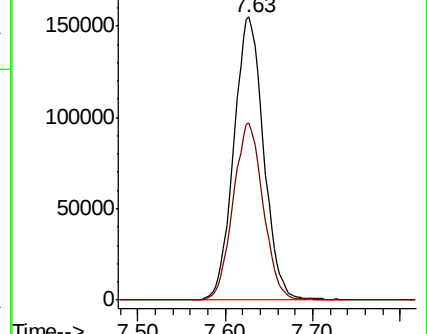
168 100

99 62.5 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.566 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063169.D

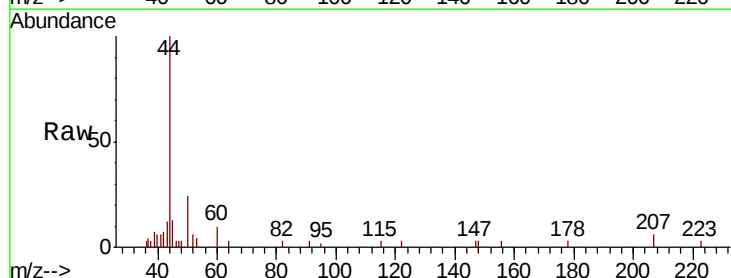
Acq: 1 Sep 2020 20:53

Tgt Ion: 50 Resp: 2982

Ion Ratio Lower Upper

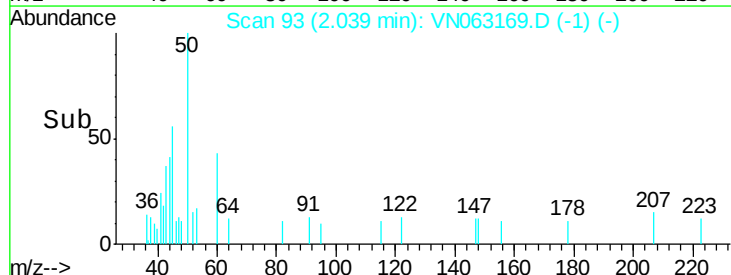
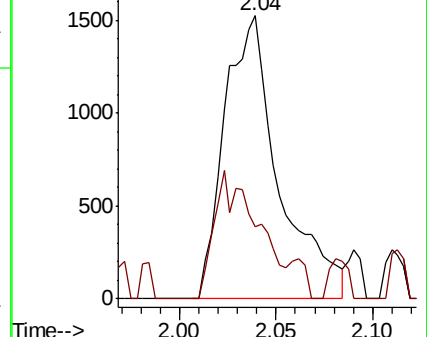
50 100

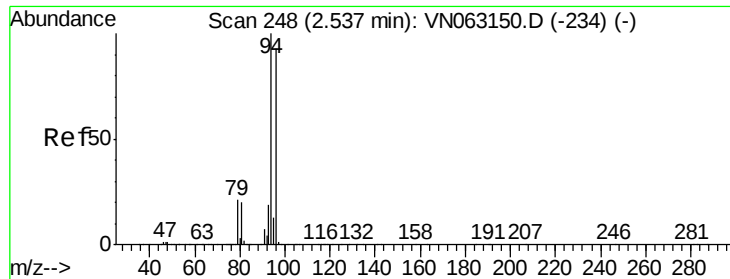
52 25.6 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#5

Bromomethane

Concen: 0.353 ug/l

RT: 2.55 min Scan# 252

Delta R.T. 0.01 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

Instrument :

MSVOA\_N

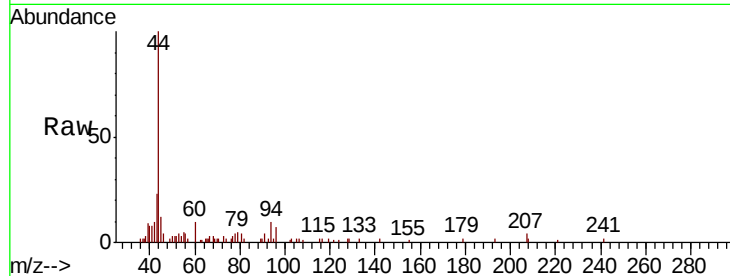
ClientSampleId :

Tot Ion: 94 Resp: 1728

Ion Ratio Lower Upper

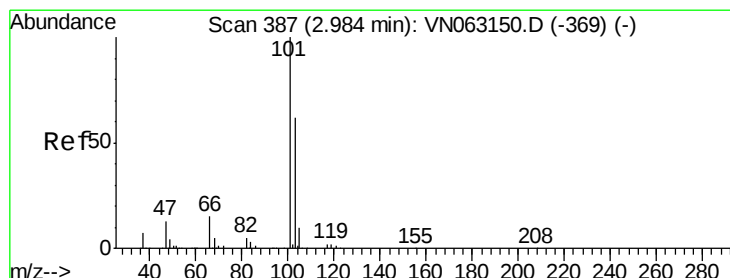
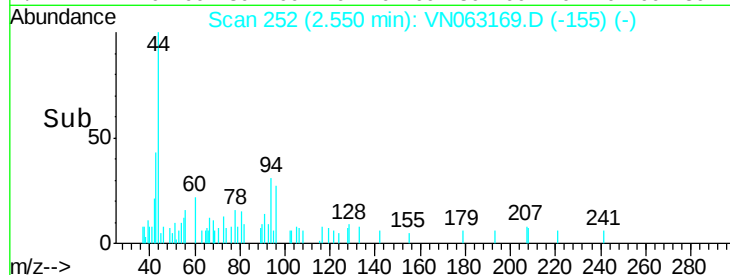
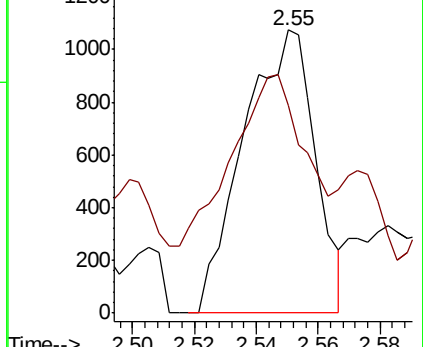
94 100

96 43.7 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.96 min Scan# 378

Delta R.T. -0.03 min

Lab File: VN063169.D

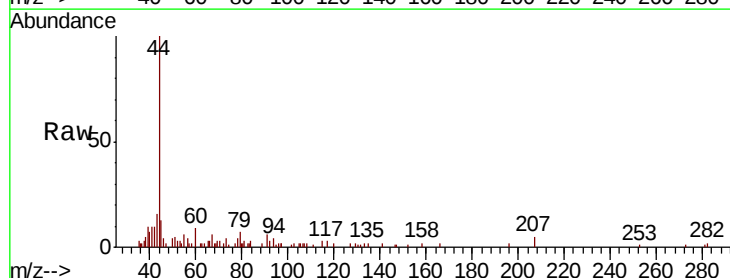
Acq: 1 Sep 2020 20:53

Tgt Ion: 101 Resp: 62

Ion Ratio Lower Upper

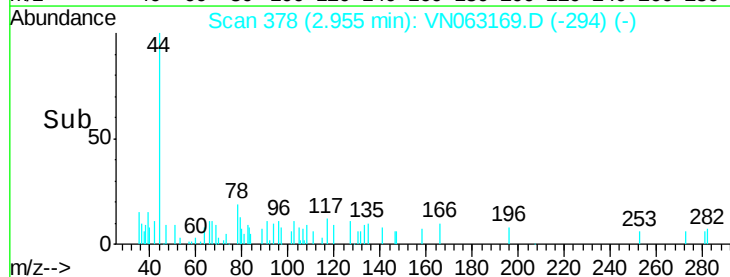
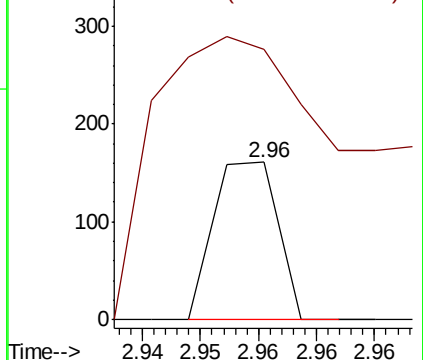
101 100

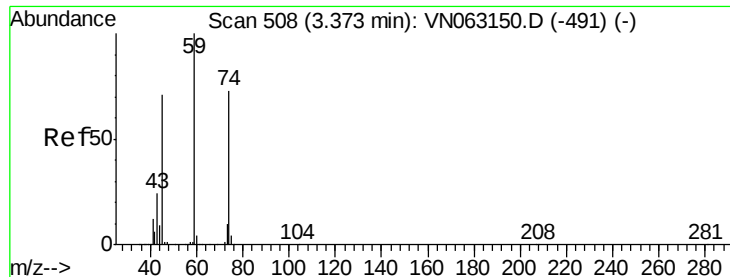
103 64.0 49.7 74.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 0.985 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

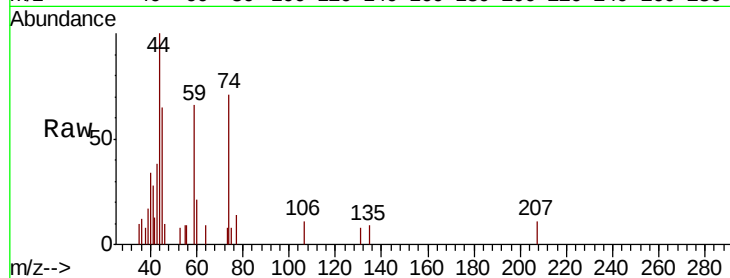
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 74 Resp: 2744

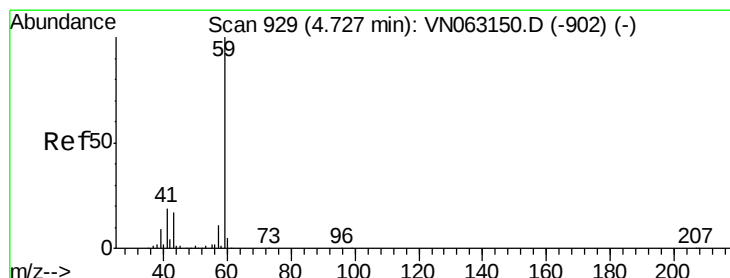
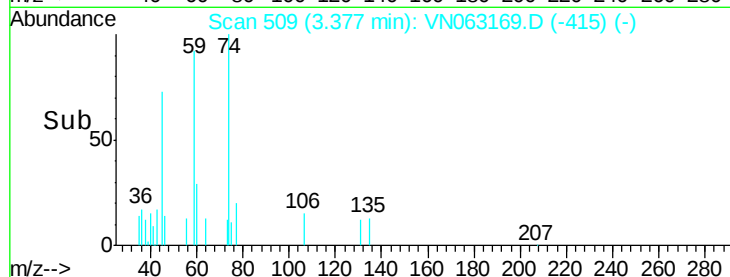
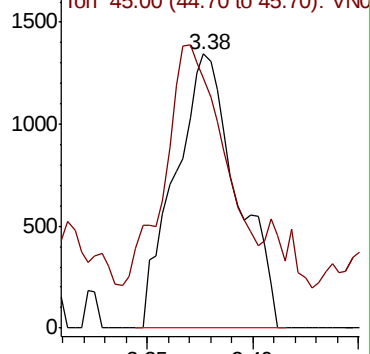
Ion Ratio Lower Upper

74 100

45 82.1 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VN063150.D (-491) (-)



#11

Tert butyl alcohol

Concen: 1.773 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.00 min

Lab File: VN063169.D

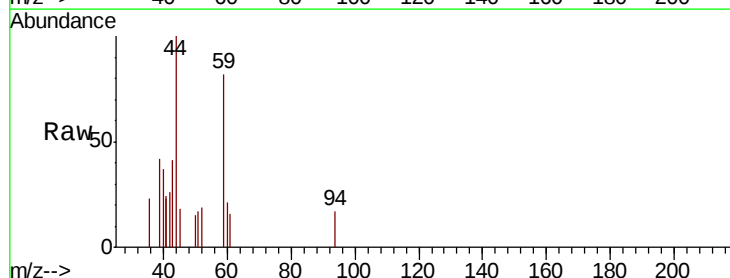
Acq: 1 Sep 2020 20:53

Tgt Ion: 59 Resp: 1307

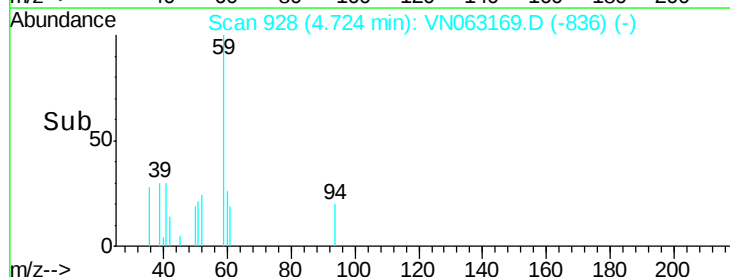
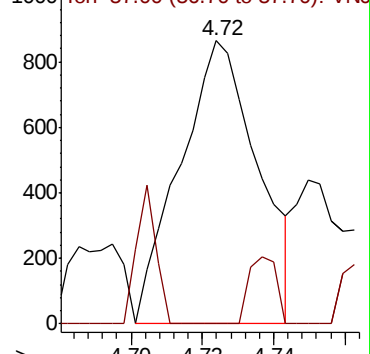
Ion Ratio Lower Upper

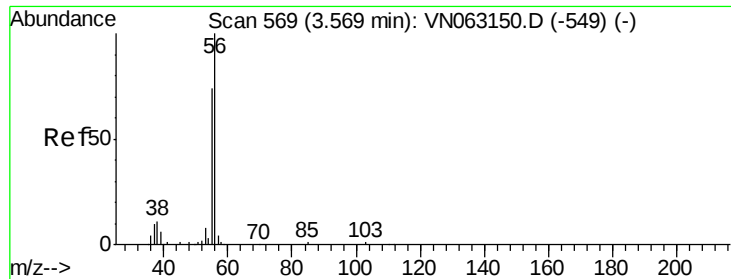
59 100

57 8.3 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN063150.D (-902) (-)





#13

Acrolein

Concen: 17.014 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

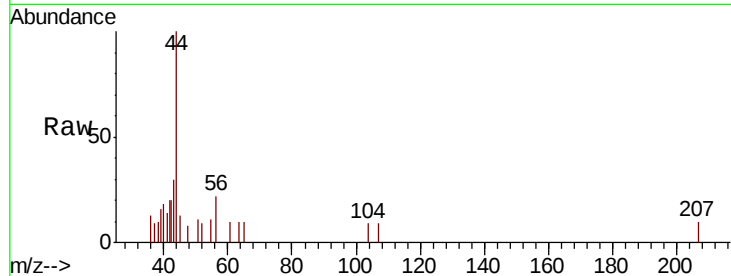
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 373

Ion Ratio Lower Upper

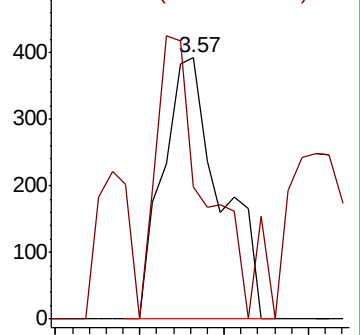
56 100

55 89.8 55.4 83.0#

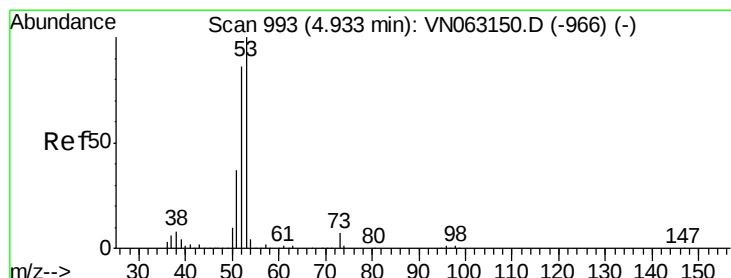
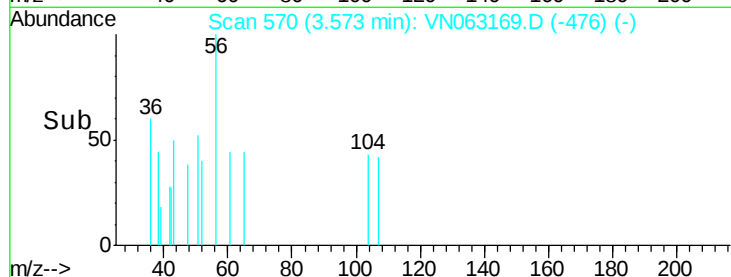


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#15

Acrylonitrile

Concen: 2.469 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

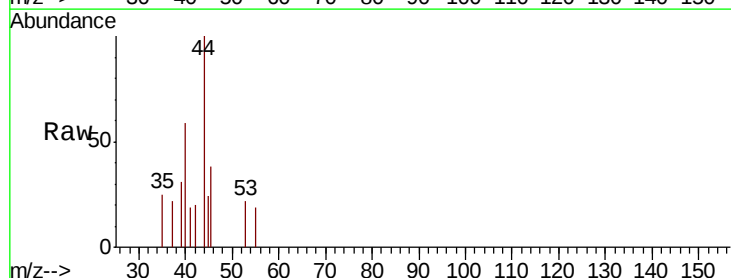
Tgt Ion: 53 Resp: 136

Ion Ratio Lower Upper

53 100

52 0.0 67.2 100.8#

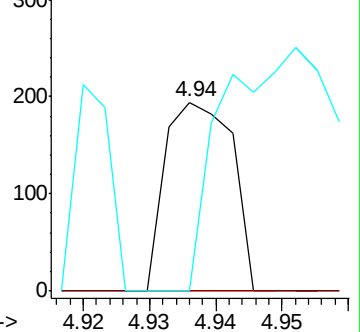
51 56.6 30.2 45.4#



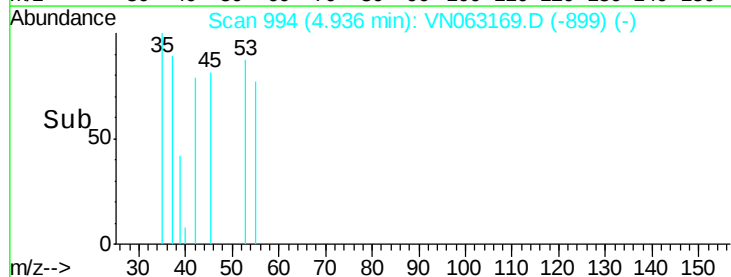
Abundance Ion 53.00 (52.70 to 53.70): VN0

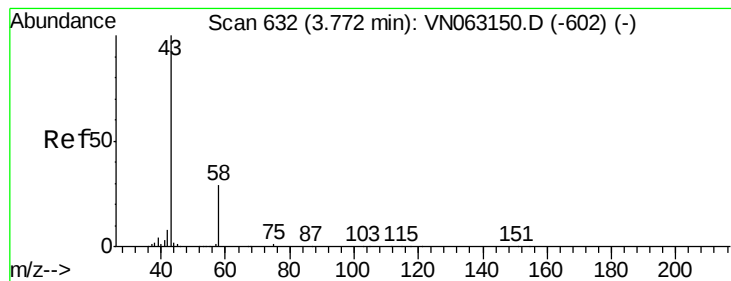
Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time-->





#16

Acetone

Concen: 27.837 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

Instrument :

MSVOA\_N

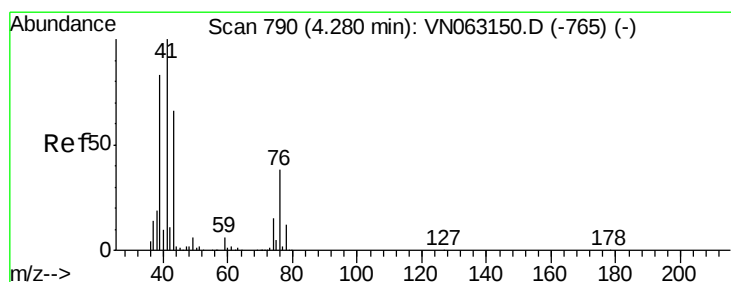
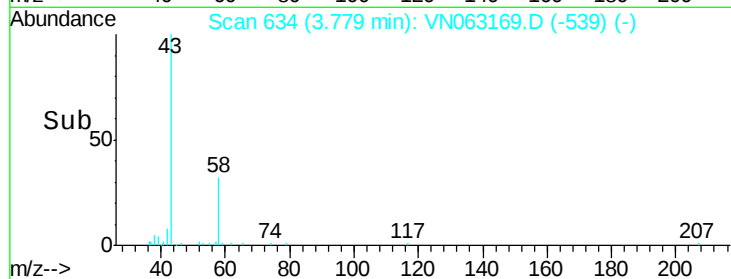
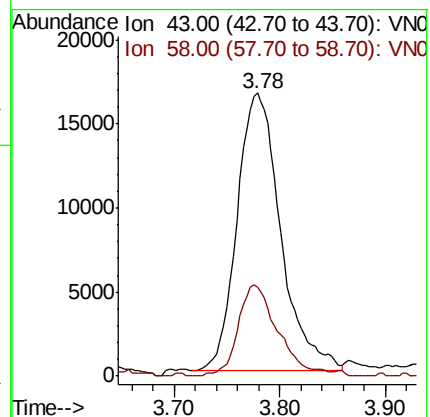
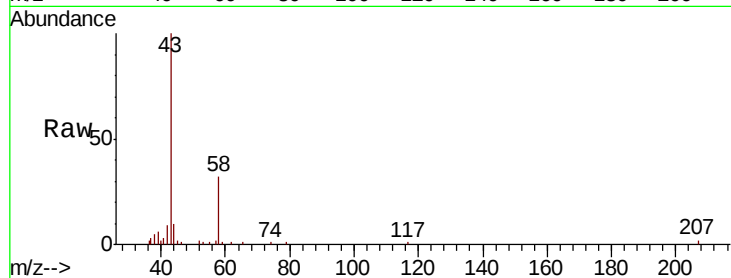
ClientSampleId :

Tot Ion: 43 Resp: 47536

Ion Ratio Lower Upper

43 100

58 32.1 23.1 34.7



#18

Methyl Acetate

Concen: 0.772 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063169.D

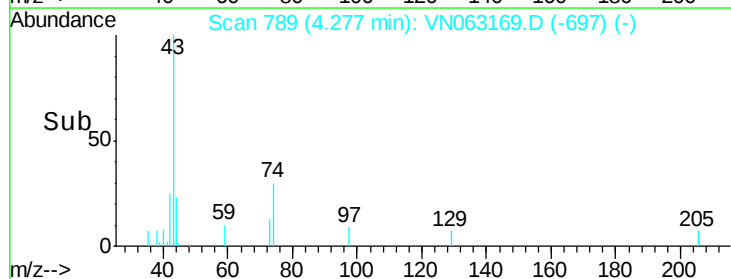
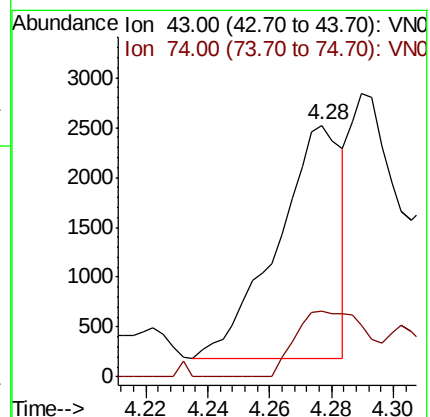
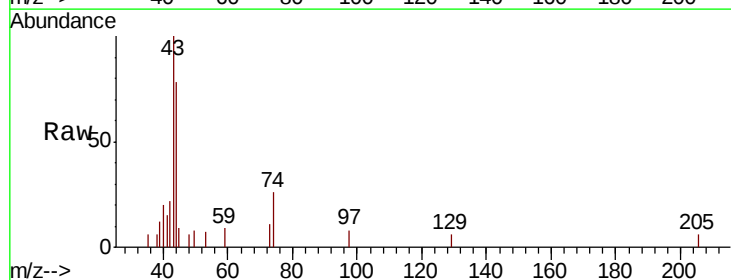
Acq: 1 Sep 2020 20:53

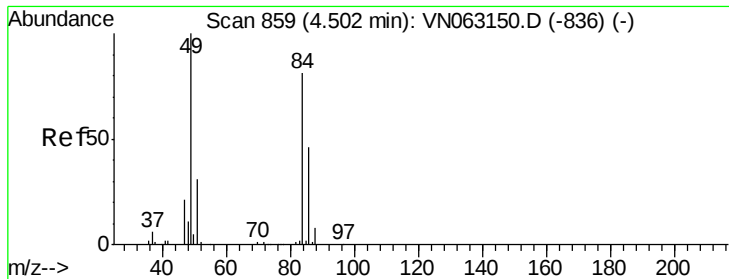
Tgt Ion: 43 Resp: 3381

Ion Ratio Lower Upper

43 100

74 31.5 19.0 28.6#

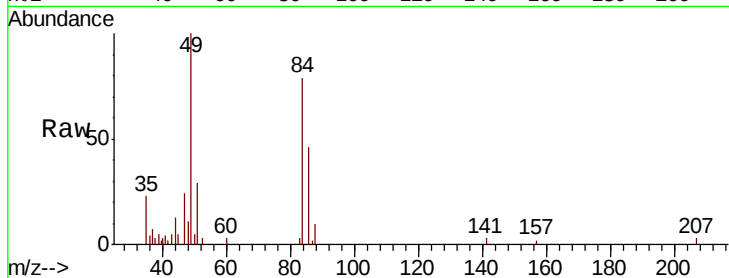




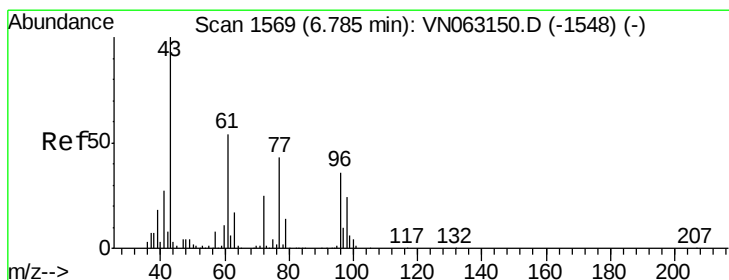
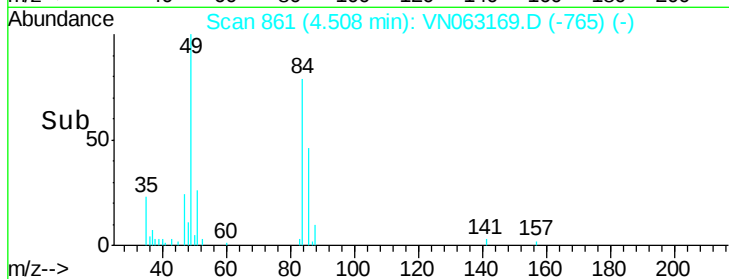
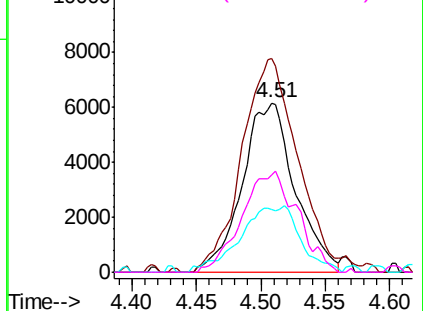
#20  
Methvlene Chloride  
Concen: 3.204 ug/l  
RT: 4.51 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: VN063169.D  
Acq: 1 Sep 2020 20:53

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 84 Resp: 17595  
Ion Ratio Lower Upper  
84 100  
49 126.1 98.4 147.6  
51 36.7 30.4 45.6  
86 57.6 45.7 68.5

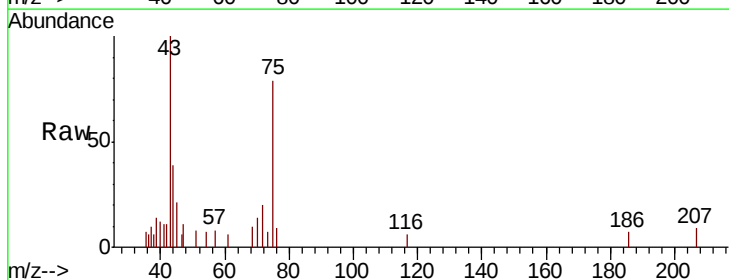


Abundance Ion 83.90 (83.60 to 84.60): VN0  
Ion 48.90 (48.60 to 49.60): VN0  
Ion 50.90 (50.60 to 51.60): VN0  
Ion 85.90 (85.60 to 86.60): VN0

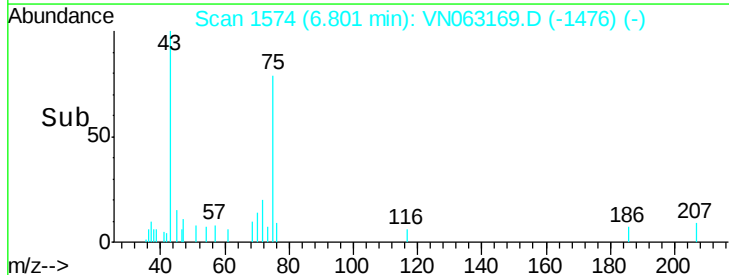
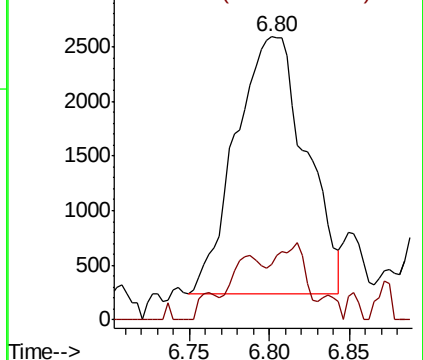


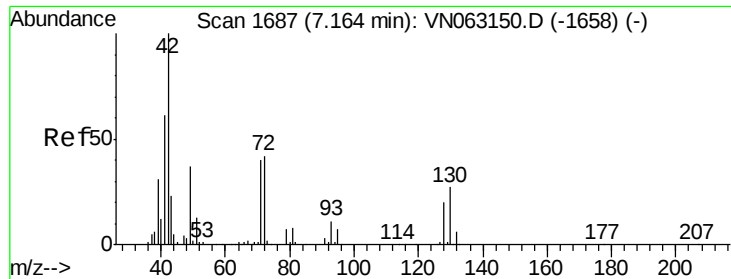
#25  
2-Butanone  
Concen: 2.684 ug/l  
RT: 6.80 min Scan# 1574  
Delta R.T. 0.02 min  
Lab File: VN063169.D  
Acq: 1 Sep 2020 20:53

Tgt Ion: 43 Resp: 7098  
Ion Ratio Lower Upper  
43 100  
72 21.7 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 1.119 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

Instrument :

MSVOA\_N

ClientSampled :

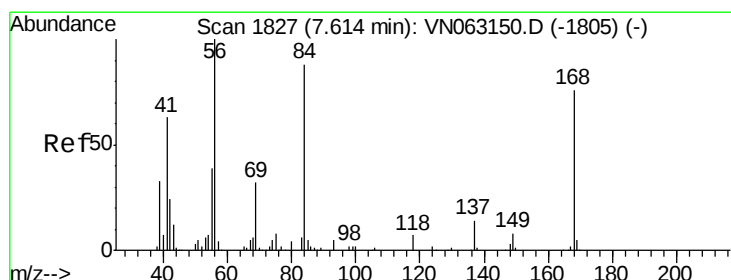
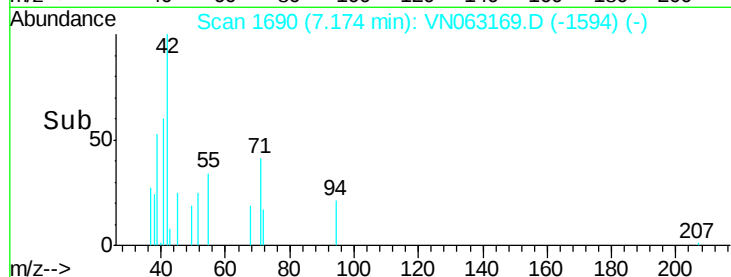
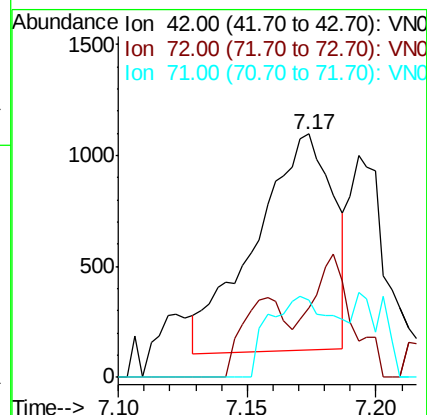
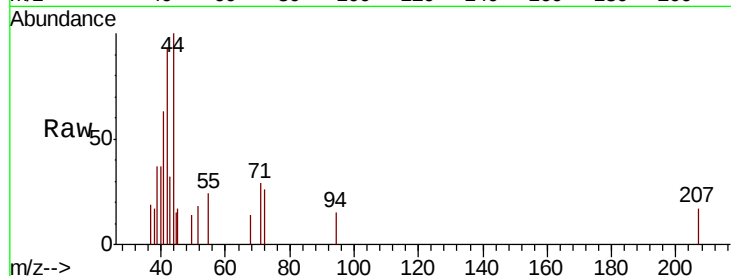
Tot Ion: 42 Resp: 2045

Ion Ratio Lower Upper

42 100

72 21.1 33.9 50.9#

71 30.4 31.9 47.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.63 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

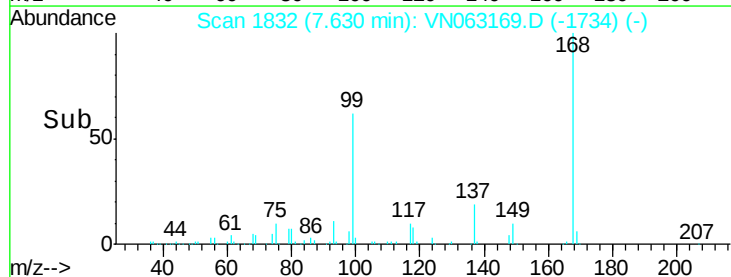
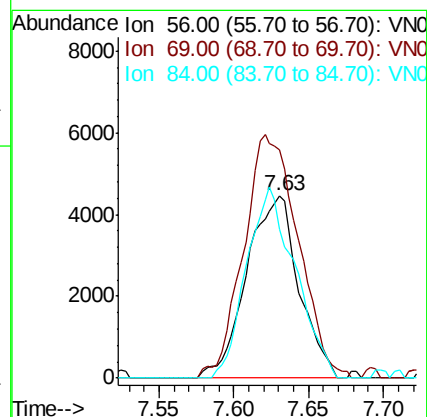
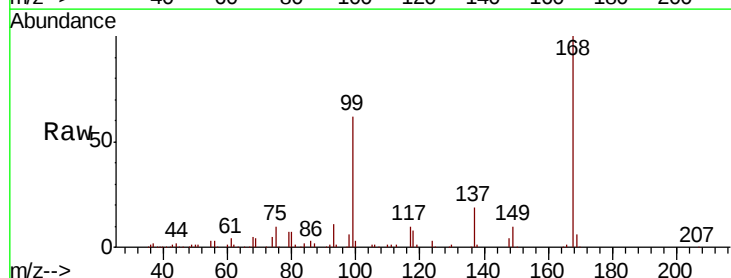
Tgt Ion: 56 Resp: 10823

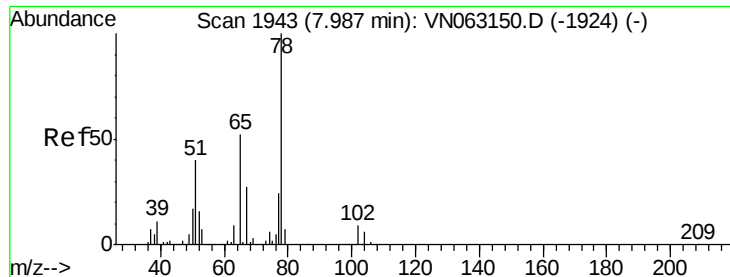
Ion Ratio Lower Upper

56 100

69 124.7 25.4 38.0#

84 81.6 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 47.783 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

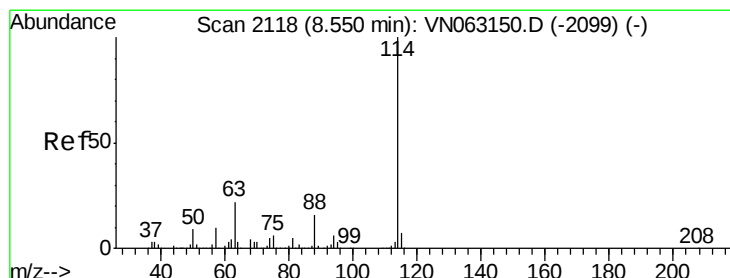
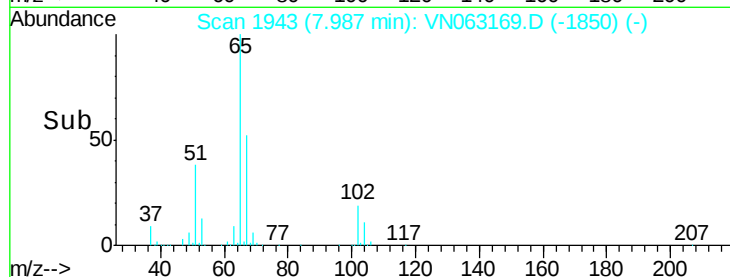
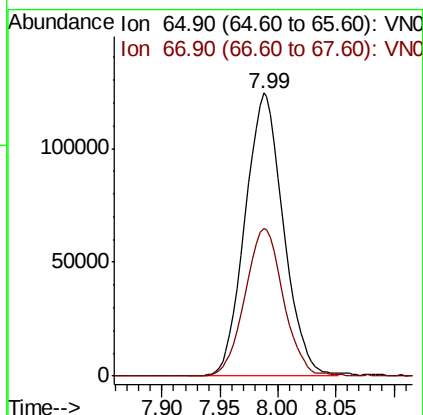
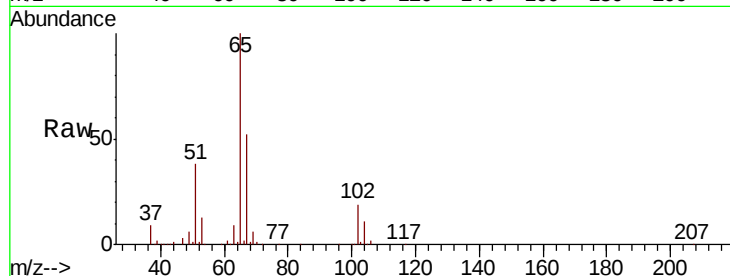
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 65 Resp: 287036

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

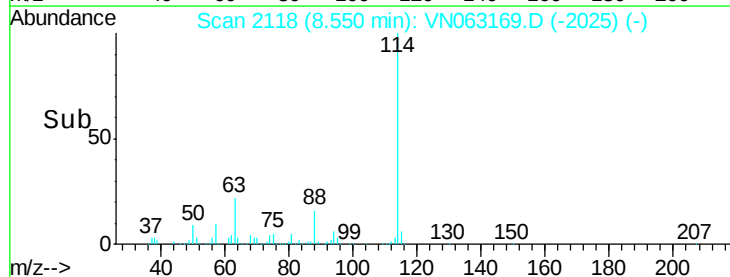
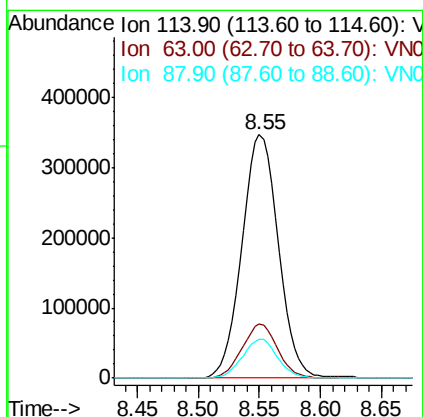
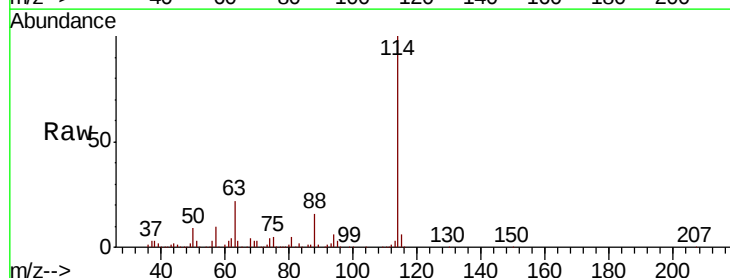
Tgt Ion: 114 Resp: 714666

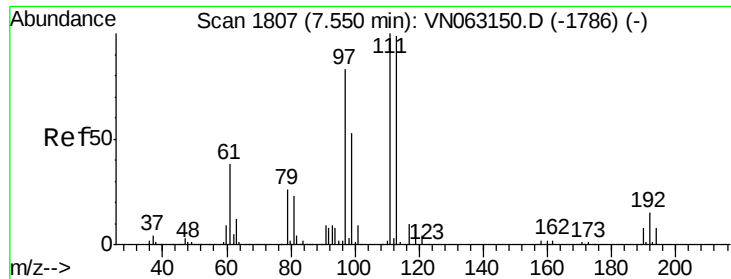
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.0

88 16.0 0.0 31.6

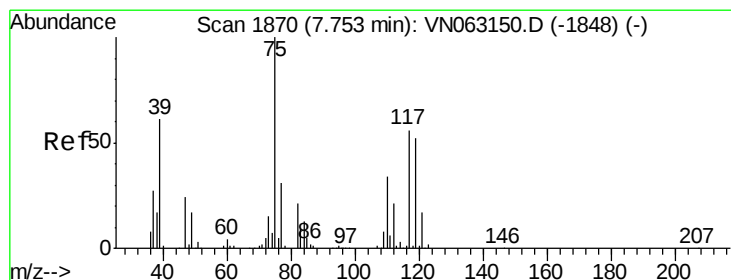
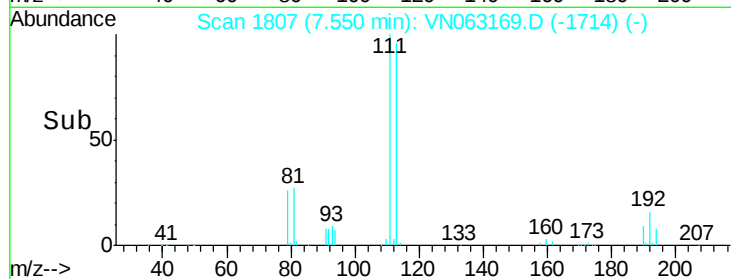
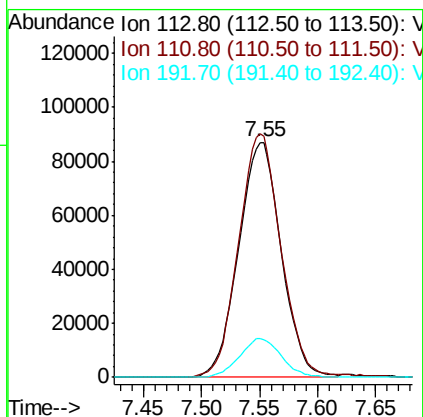
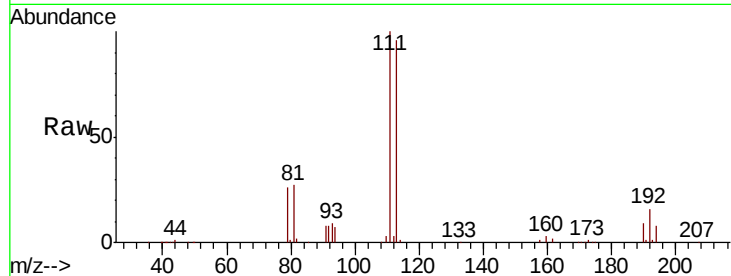




#35  
 Dibromofluoromethane  
 Concen: 48.427 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN063169.D  
 Acq: 1 Sep 2020 20:53

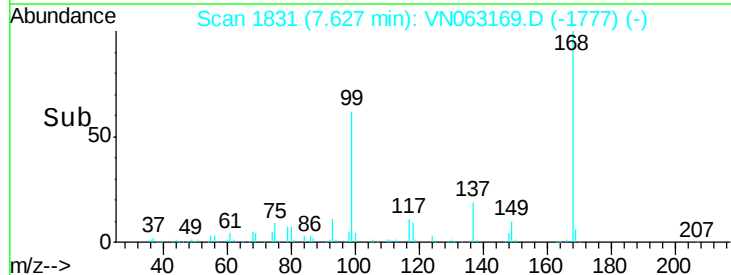
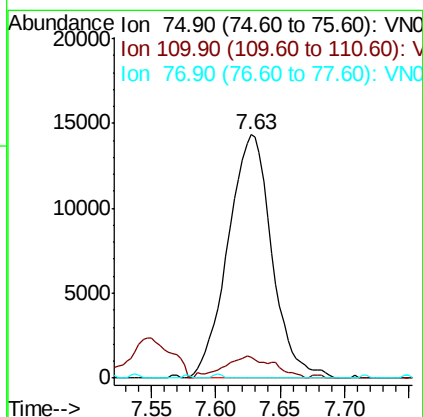
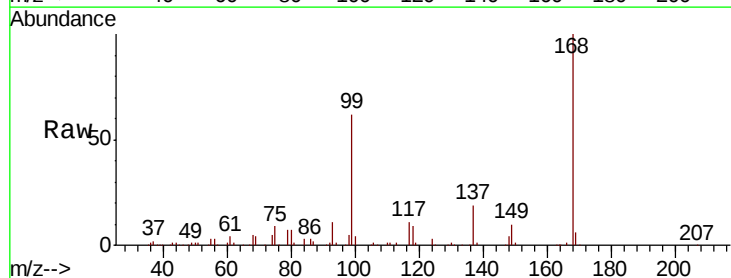
Instrument :  
 MSVOA\_N  
 ClientSampleId :

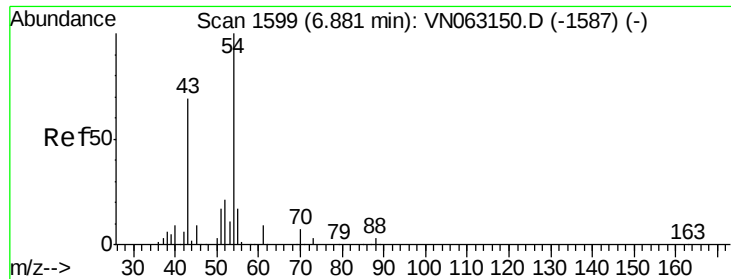
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.8 | 80.7  | 121.1 |
| 192     | 16.3  | 12.6  | 19.0  |



#36  
 1,1-Dichloropropene  
 Concen: 4.935 ug/l  
 RT: 7.63 min Scan# 1831  
 Delta R.T. -0.13 min  
 Lab File: VN063169.D  
 Acq: 1 Sep 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 10.1  | 16.6  | 49.8# |
| 77      | 0.0   | 25.4  | 38.2# |

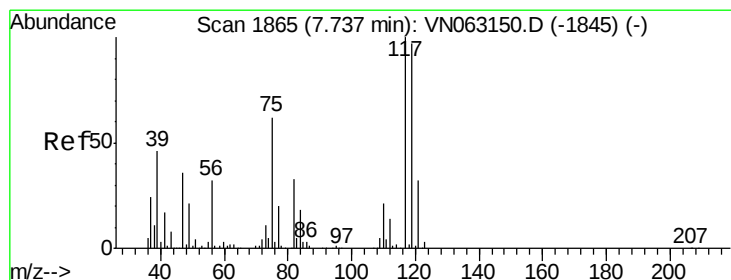
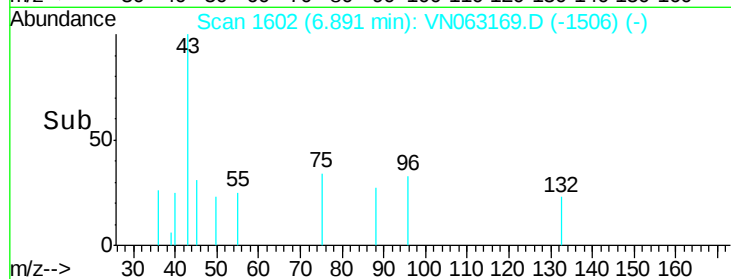
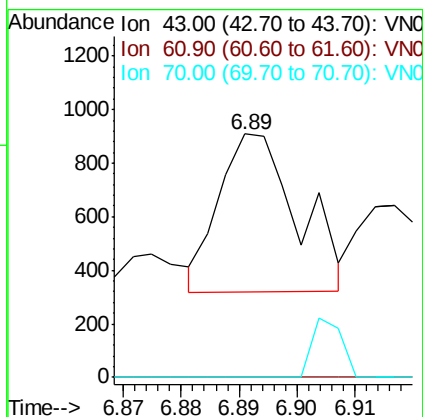
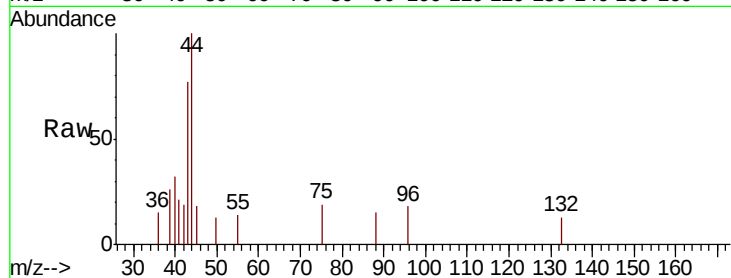




#37  
Ethyl Acetate  
Concen: 0.465 ug/l  
RT: 6.89 min Scan# 1602  
Delta R.T. 0.01 min  
Lab File: VN063169.D  
Acq: 1 Sep 2020 20:53

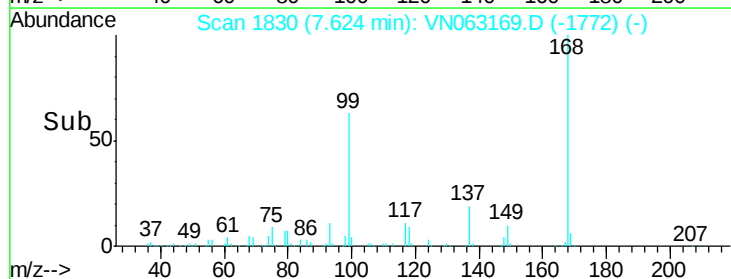
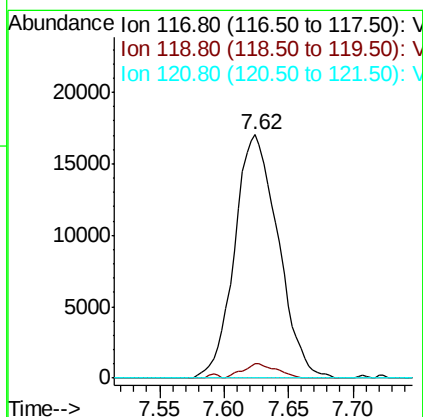
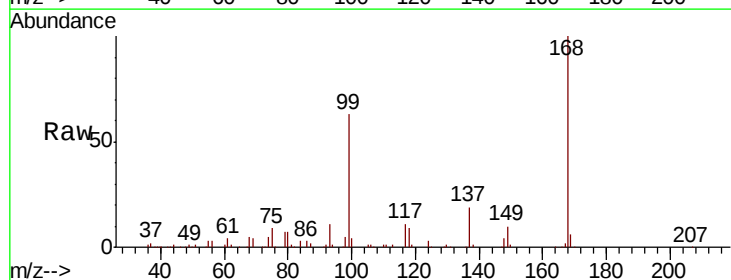
Instrument :  
MSVOA\_N  
ClientSampled :

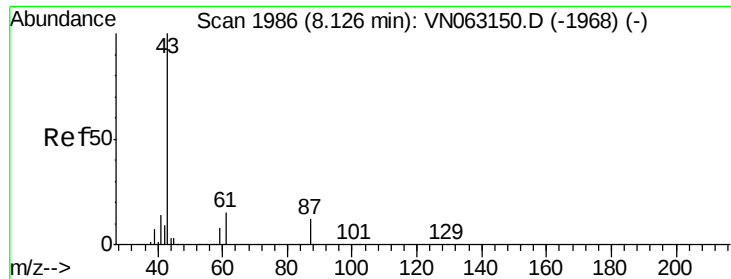
Tot Ion: 43 Resp: 553  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.2 15.4#  
70 14.1 3.0 4.6#



#38  
Carbon Tetrachloride  
Concen: 5.741 ug/l  
RT: 7.62 min Scan# 1830  
Delta R.T. -0.11 min  
Lab File: VN063169.D  
Acq: 1 Sep 2020 20:53

Tgt Ion: 117 Resp: 40000  
Ion Ratio Lower Upper  
117 100  
119 5.9 77.2 115.8#  
121 0.0 25.6 38.4#





#43

Isopropyl Acetate

Concen: 11.112 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

Instrument :

MSVOA\_N

ClientSampleId :

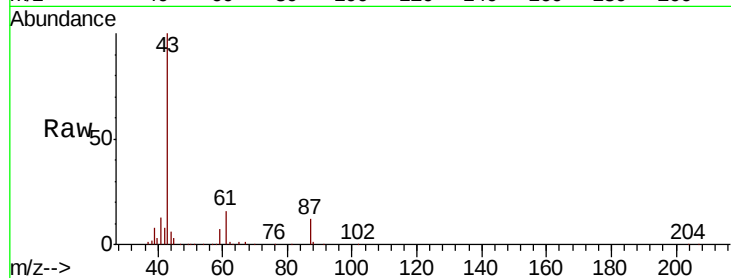
Tot Ion: 43 Resp: 124504

Ion Ratio Lower Upper

43 100

61 17.2 20.2 30.4#

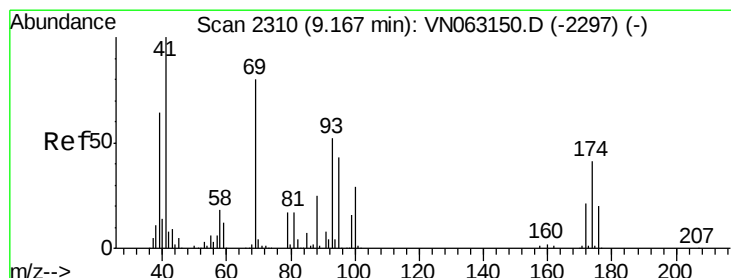
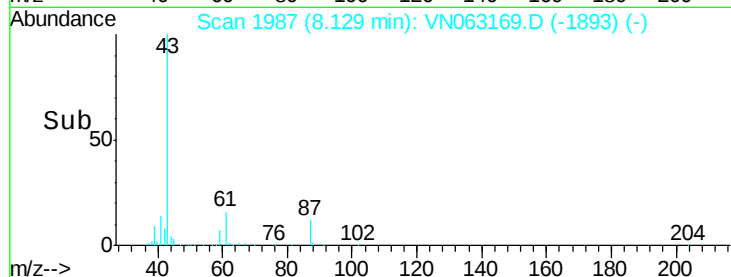
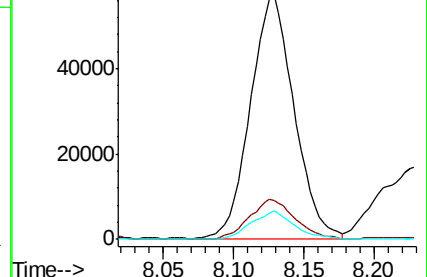
87 11.5 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063150.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1968) (-)



#48

Methyl methacrylate

Concen: 1.130 ug/l

RT: 9.14 min Scan# 2302

Delta R.T. -0.03 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

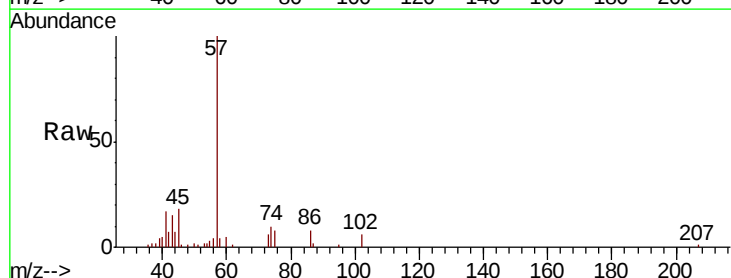
Tgt Ion: 41 Resp: 5708

Ion Ratio Lower Upper

41 100

69 1.3 65.9 98.9#

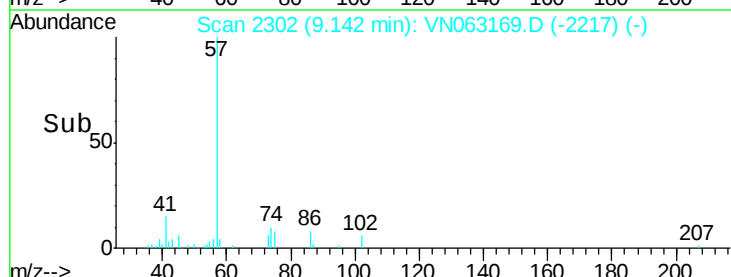
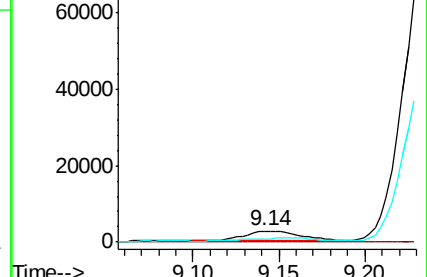
39 0.0 52.0 78.0#

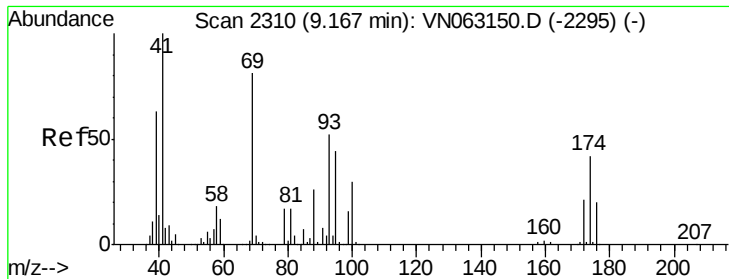


Abundance Ion 41.00 (40.70 to 41.70): VN063150.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063150.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063150.D (-2297) (-)

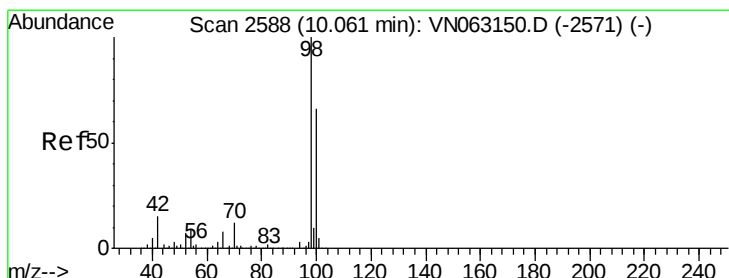
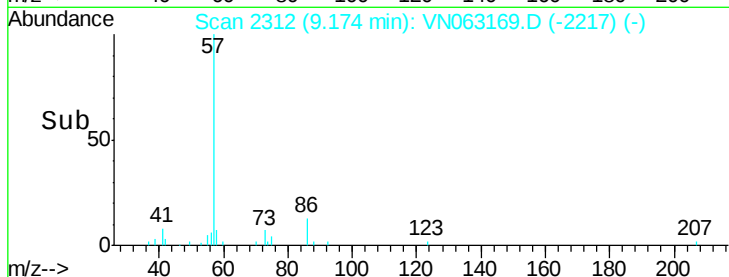
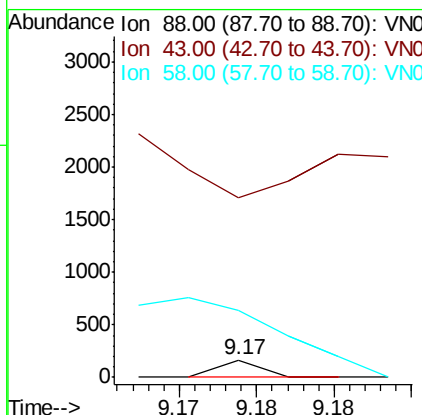
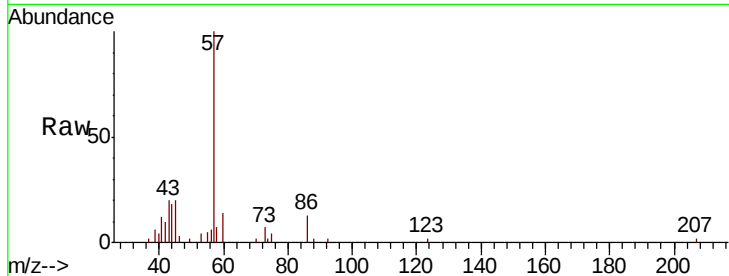




#49  
1,4-Dioxane  
Concen: 0.410 ug/l  
RT: 9.17 min Scan# 2312  
Delta R.T. 0.01 min  
Lab File: VN063169.D  
Acq: 1 Sep 2020 20:53

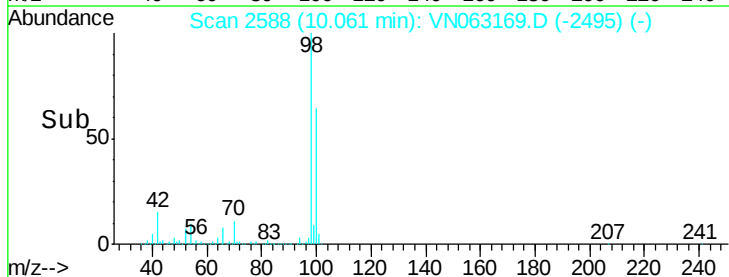
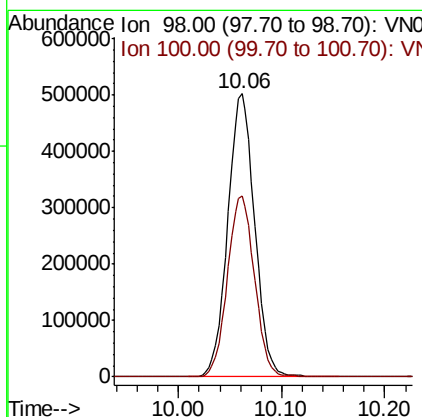
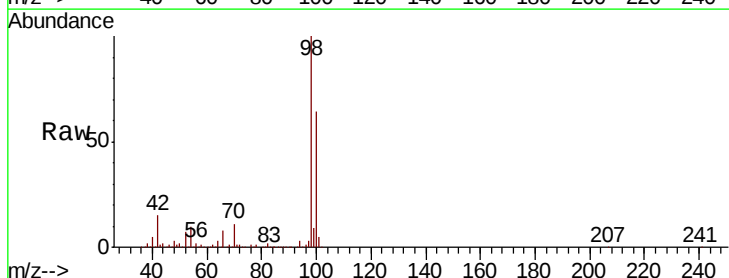
Instrument :  
MSVOA\_N  
ClientSampleId :

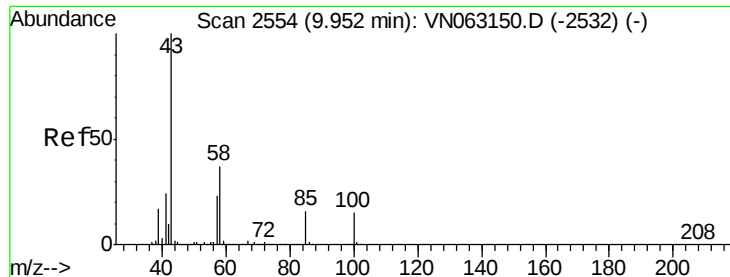
Tot Ion: 88 Resp: 32  
Ion Ratio Lower Upper  
88 100  
43 0.0 28.6 42.8#  
58 0.0 53.2 79.8#



#50  
Toluene-d8  
Concen: 51.857 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN063169.D  
Acq: 1 Sep 2020 20:53

Tgt Ion: 98 Resp: 915144  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 2.570 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

Instrument :

MSVOA\_N

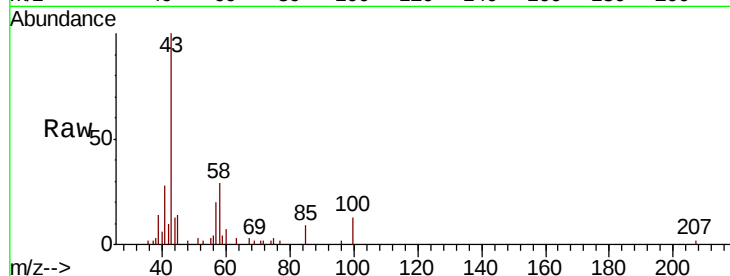
ClientSampleId :

Tot Ion: 43 Resp: 15650

Ion Ratio Lower Upper

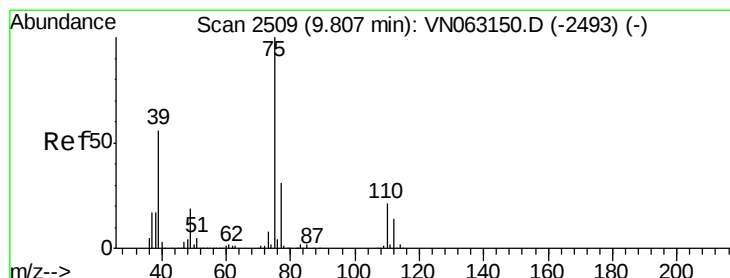
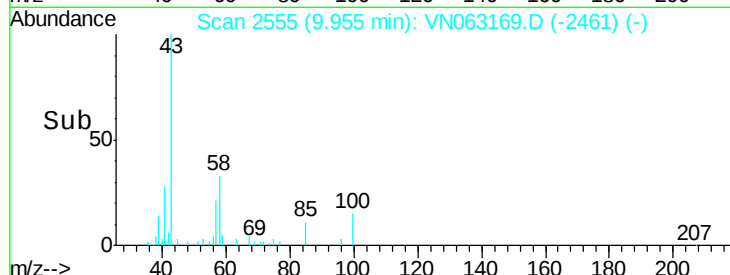
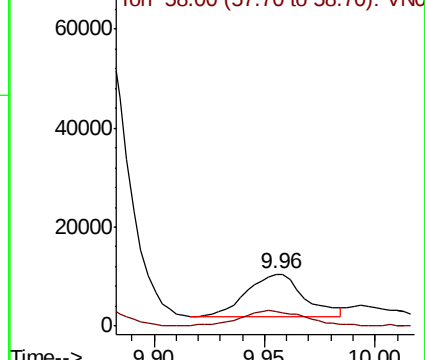
43 100

58 42.0 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#54

cis-1,3-Dichloropropene

Concen: 5.784 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

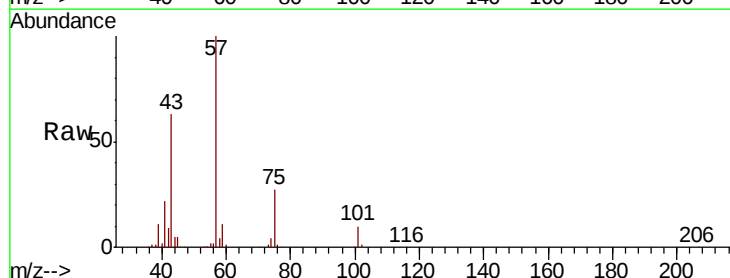
Tgt Ion: 75 Resp: 50424

Ion Ratio Lower Upper

75 100

77 1.3 24.8 37.2#

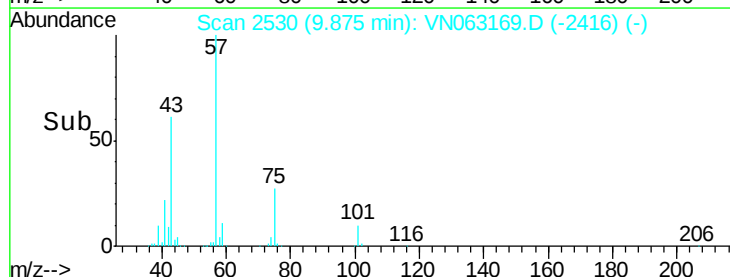
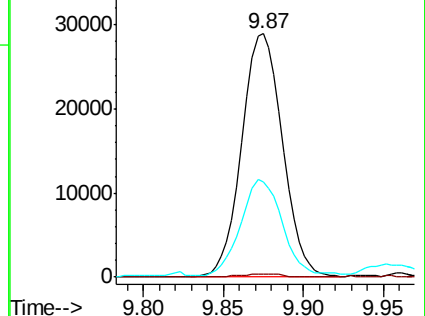
39 38.4 45.0 67.6#

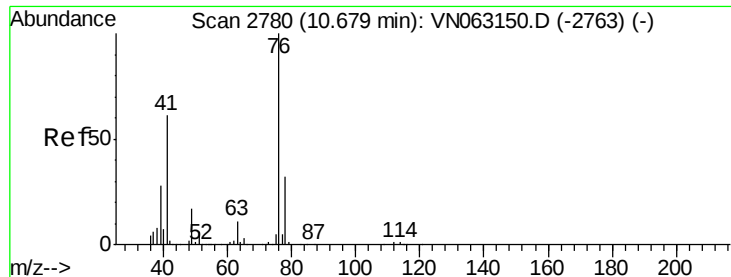


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO

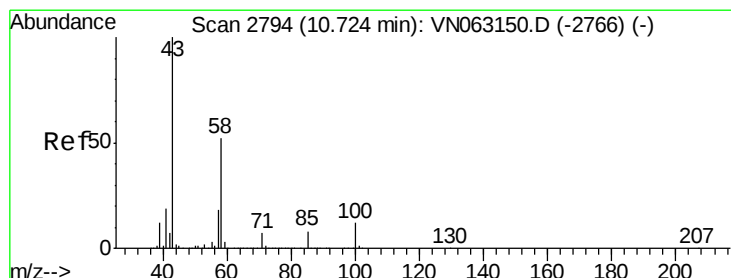
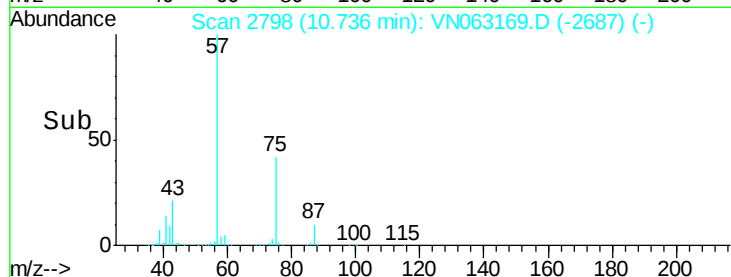
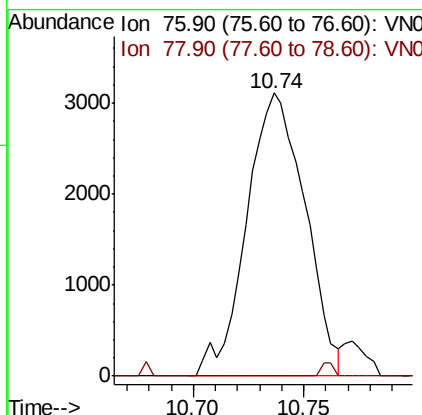
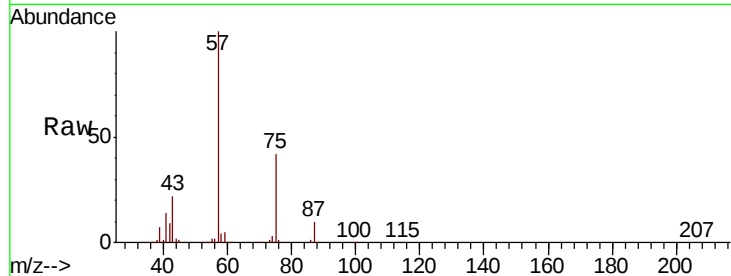




#57  
 1,3-Dichloropropane  
 Concen: 0.666 ug/l  
 RT: 10.74 min Scan# 2798  
 Delta R.T. 0.06 min  
 Lab File: VN063169.D  
 Acq: 1 Sep 2020 20:53

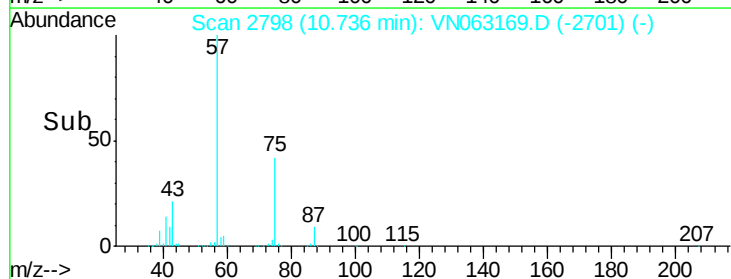
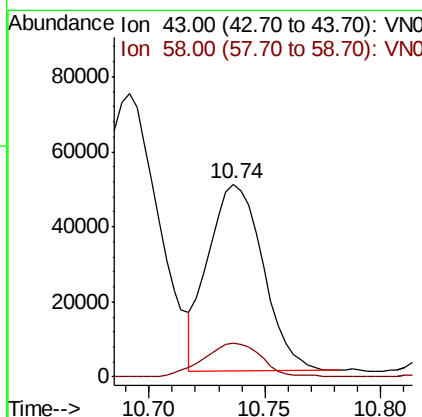
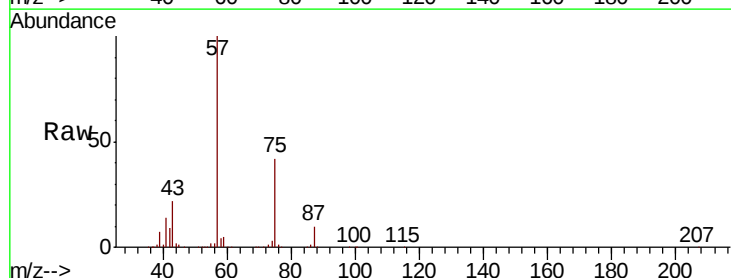
Instrument :  
 MSVOA\_N  
 ClientSampleId :

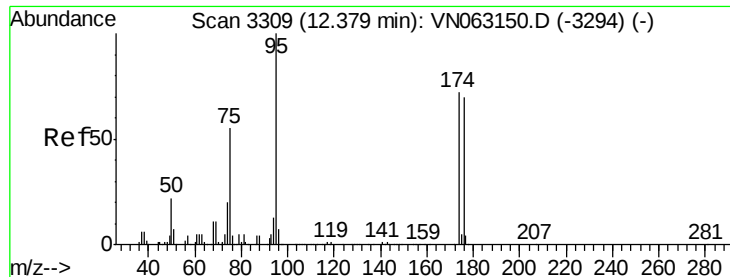
Tot Ion: 76 Resp: 5713  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.5 38.3#



#59  
 2-Hexanone  
 Concen: 19.025 ug/l  
 RT: 10.74 min Scan# 2798  
 Delta R.T. 0.01 min  
 Lab File: VN063169.D  
 Acq: 1 Sep 2020 20:53

Tgt Ion: 43 Resp: 81411  
 Ion Ratio Lower Upper  
 43 100  
 58 19.6 25.9 77.8#





#62

4-Bromofluorobenzene

Concen: 53.277 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

Instrument :

MSVOA\_N

ClientSampled :

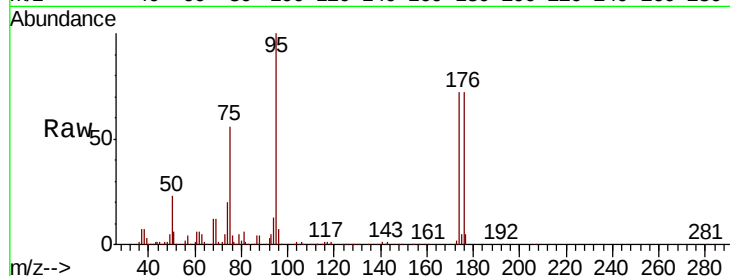
Tot Ion: 95 Resp: 328891

Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.8

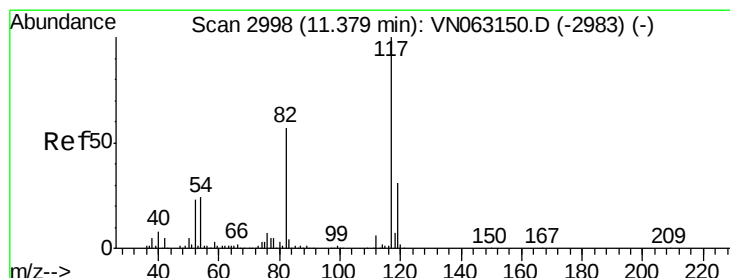
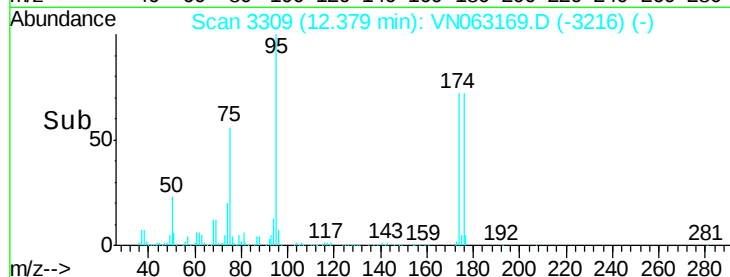
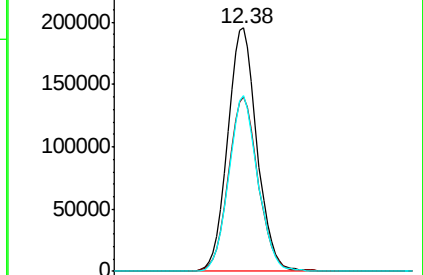
176 71.3 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063150.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063150.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063150.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

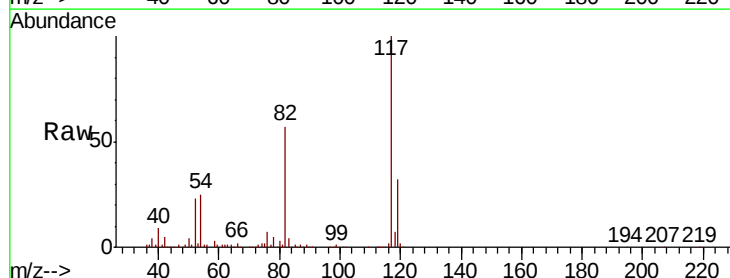
Tgt Ion: 117 Resp: 719346

Ion Ratio Lower Upper

117 100

82 57.4 45.4 68.0

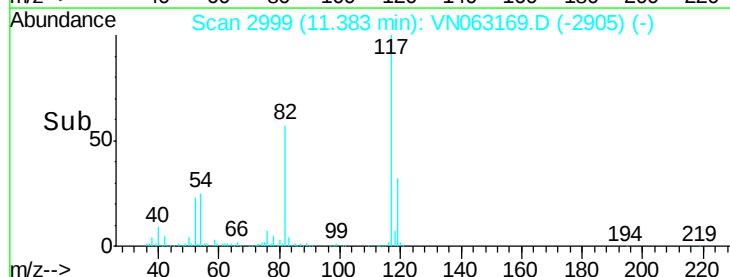
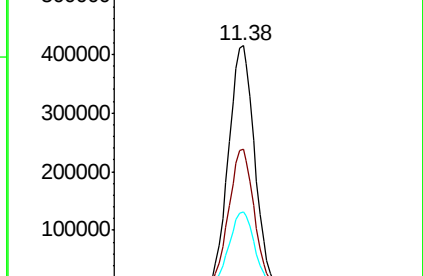
119 31.9 24.6 37.0

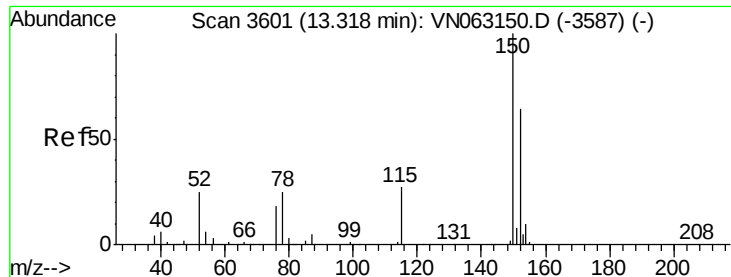


Abundance Ion 116.90 (116.60 to 117.60): VN063150.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063150.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063150.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

Instrument :

MSVOA\_N

ClientSampleId :

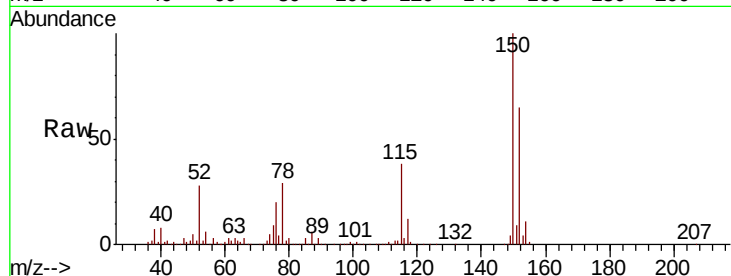
Tot Ion:152 Resp: 291445

Ion Ratio Lower Upper

152 100

115 60.4 32.0 96.2

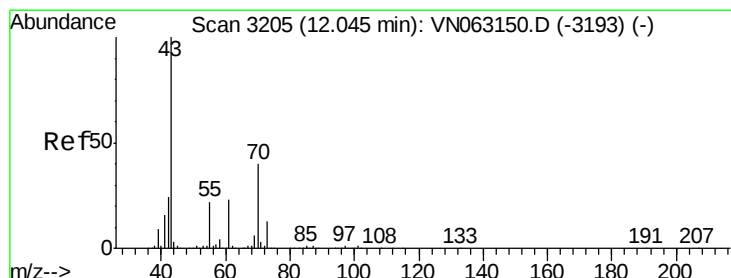
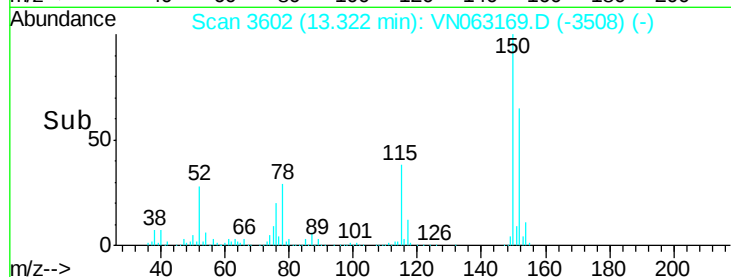
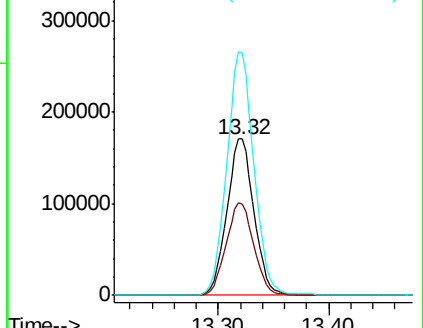
150 154.9 0.0 353.0



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



#74

N-ethyl acetate

Concen: 0.387 ug/l

RT: 12.01 min Scan# 3193

Delta R.T. -0.04 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

Tgt Ion: 43 Resp: 3581

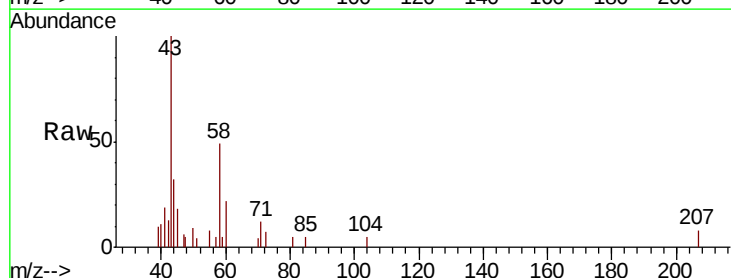
Ion Ratio Lower Upper

43 100

70 3.3 32.1 48.1#

55 12.2 17.4 26.0#

61 0.0 18.6 27.8#

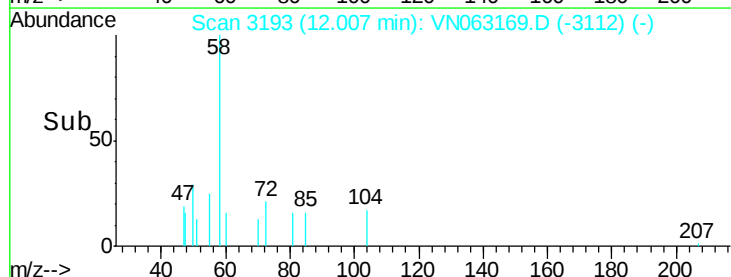
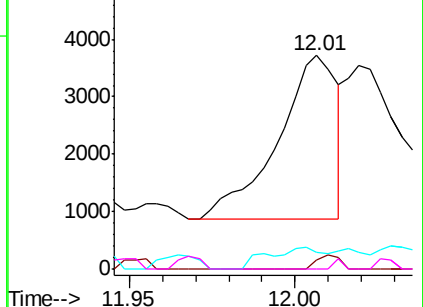


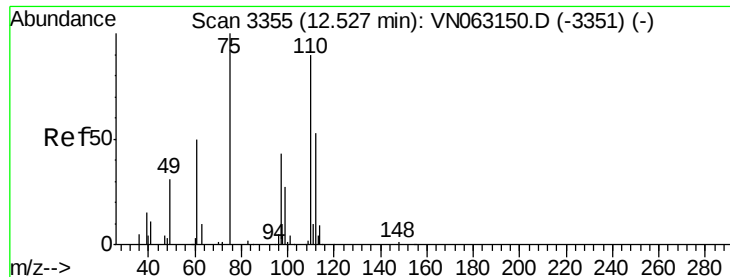
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 32.316 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

Instrument :

MSVOA\_N

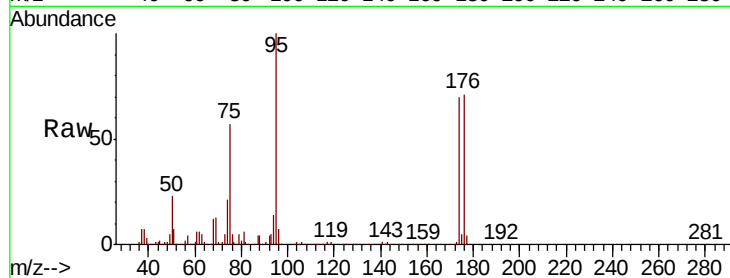
ClientSampleId :

Tot Ion: 75 Resp: 185053

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

120000

100000

80000

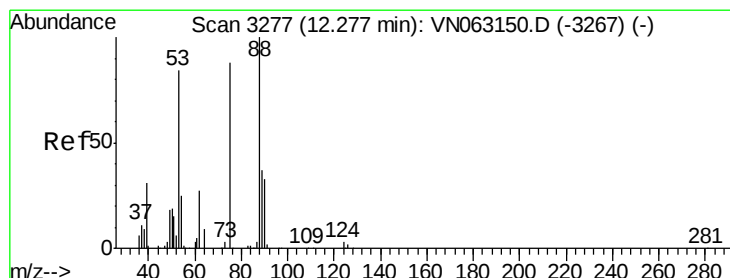
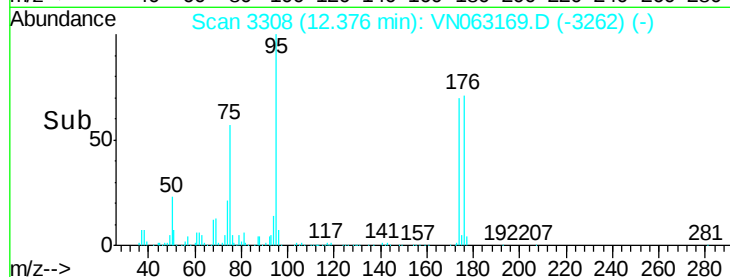
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 78.108 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063169.D

Acq: 1 Sep 2020 20:53

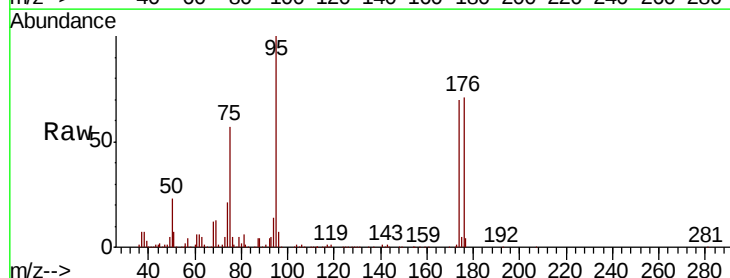
Tgt Ion: 75 Resp: 185053

Ion Ratio Lower Upper

75 100

53 0.0 78.7 118.1#

89 0.1 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

150000

100000

50000

0

Time-->

