

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\  
 Data File : VN063220.D  
 Acq On : 3 Sep 2020 15:12  
 Operator : JC/MD  
 Sample : PB131386ZHE#09  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB131386ZHE#09

Quant Time: Sep 04 04:04:31 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

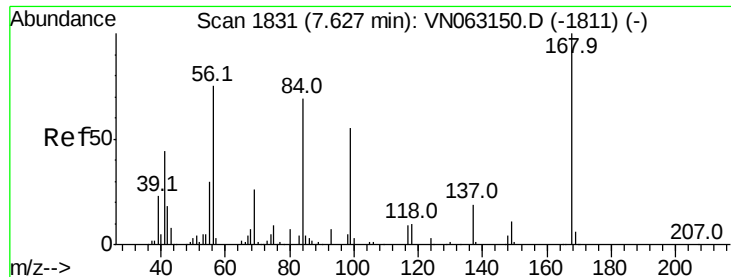
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 294010   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 580014   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 597354   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 230112   | 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   | 235816   | 49.06 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.12%  |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 184028   | 49.46 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.92%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 753447   | 52.61 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.22% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 267494   | 53.39 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.78% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 2.04  | 50   | 1718     | 0.407     | ug/l # | 85     |
| 5) Bromomethane                | 2.56  | 94   | 1428     | 0.364     | ug/l # | 69     |
| 7) Trichlorofluoromethane      | 2.89  | 101  | 65       | Below Cal | #      | 19     |
| 8) Diethyl Ether               | 3.39  | 74   | 739      | 0.332     | ug/l   | 66     |
| 11) Tert butyl alcohol         | 4.74  | 59   | 215      | 0.364     | ug/l # | 42     |
| 13) Acrolein                   | 3.58  | 56   | 176      | 16.503    | ug/l   | 87     |
| 15) Acrylonitrile              | 4.95  | 53   | 118      | 2.475     | ug/l # | 1      |
| 16) Acetone                    | 3.77  | 43   | 30349    | 22.213    | ug/l   | 97     |
| 18) Methyl Acetate             | 4.28  | 43   | 2867     | 0.818     | ug/l # | 77     |
| 20) Methylene Chloride         | 4.51  | 84   | 25442    | 6.192     | ug/l   | 93     |
| 25) 2-Butanone                 | 6.78  | 43   | 4010     | 1.896     | ug/l # | 73     |
| 29) Tetrahydrofuran            | 7.17  | 42   | 2771     | 1.894     | ug/l # | 64     |
| 31) Cyclohexane                | 7.62  | 56   | 8640     | Below Cal | #      | 51     |
| 36) 1,1-Dichloropropene        | 7.63  | 75   | 26963    | 4.836     | ug/l # | 48     |
| 37) Ethyl Acetate              | 6.90  | 43   | 399      | 0.456     | ug/l # | 38     |
| 38) Carbon Tetrachloride       | 7.63  | 117  | 31542    | 5.578     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.13  | 43   | 101063   | 11.114    | ug/l # | 90     |
| 48) Methyl methacrylate        | 9.23  | 41   | 165904   | 40.470    | ug/l # | 46     |
| 49) 1,4-Dioxane                | 9.18  | 88   | 62       | 0.978     | ug/l # | 25     |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 12298    | 2.489     | ug/l   | 92     |
| 54) cis-1,3-Dichloropropene    | 9.87  | 75   | 42468    | 6.002     | ug/l # | 66     |
| 57) 1,3-Dichloropropane        | 10.74 | 76   | 7430     | 1.067     | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.74 | 43   | 107985   | 31.094    | ug/l # | 53     |
| 74) N-amyl acetate             | 12.01 | 43   | 3870     | 0.529     | ug/l # | 50     |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75   | 151235   | 33.450    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 6207     | 0.423     | ug/l   | 92     |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 151235   | 80.848    | ug/l # | 10     |

(#) = 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: VN063220.D

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Instrument :

MSVOA\_N

ClientSampleId :

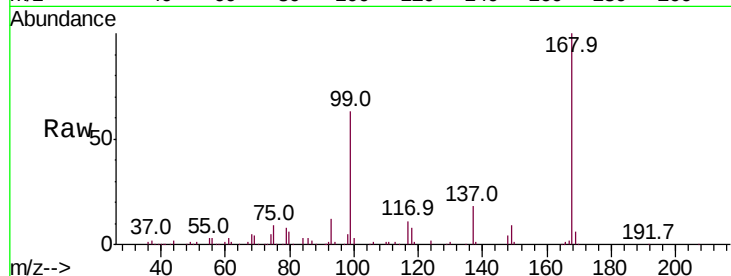
PB131386ZHE#09

Tot Ion:168 Resp: 294010

Ion Ratio Lower Upper

168 100

99 62.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN063220.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063220.D (-1738) (-)

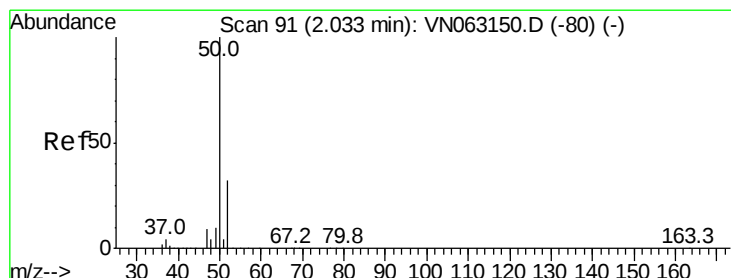
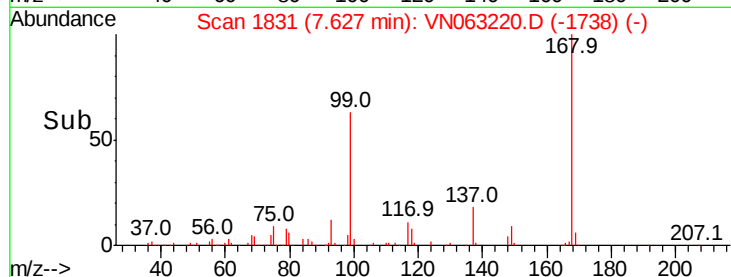
7.63

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.407 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063220.D

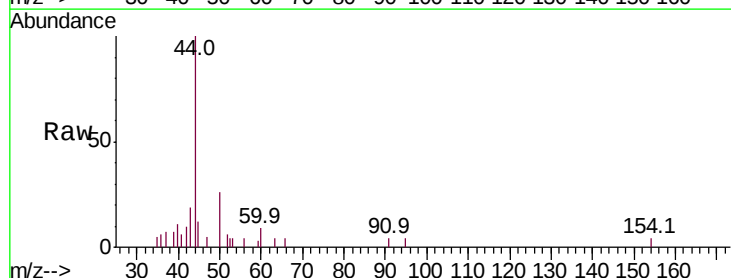
Acq: 3 Sep 2020 15:12

Tgt Ion: 50 Resp: 1718

Ion Ratio Lower Upper

50 100

52 40.3 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VN063220.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063220.D (-1) (-)

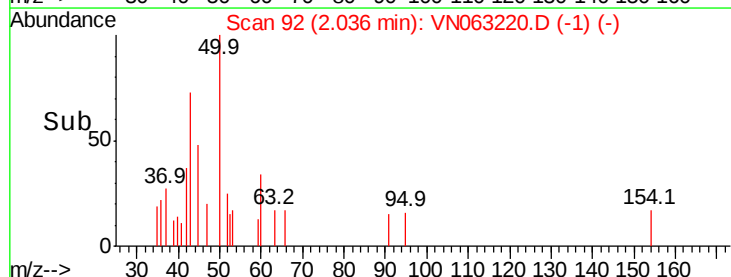
2.04

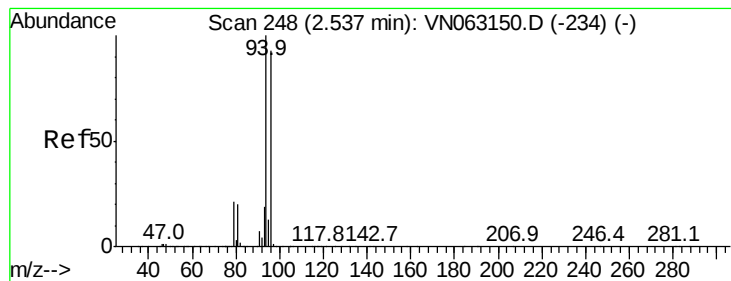
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.364 ug/l

RT: 2.56 min Scan# 255

Delta R.T. 0.02 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

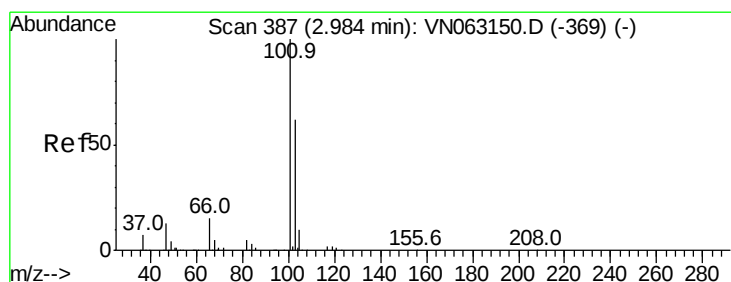
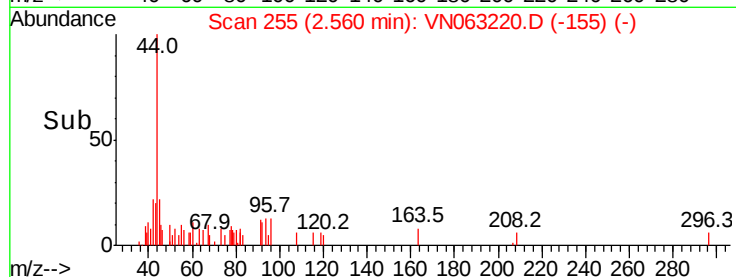
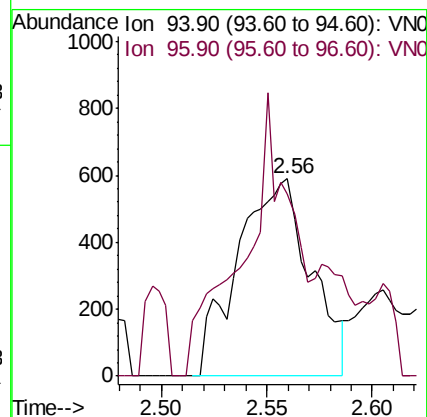
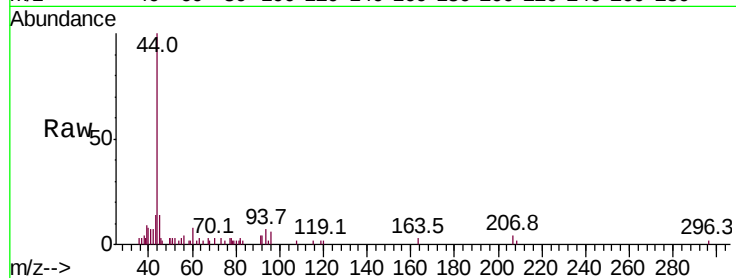
PB131386ZHE#09

Tot Ion: 94 Resp: 1428

Ion Ratio Lower Upper

94 100

96 63.7 74.4 111.6#



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.89 min Scan# 358

Delta R.T. -0.09 min

Lab File: VN063220.D

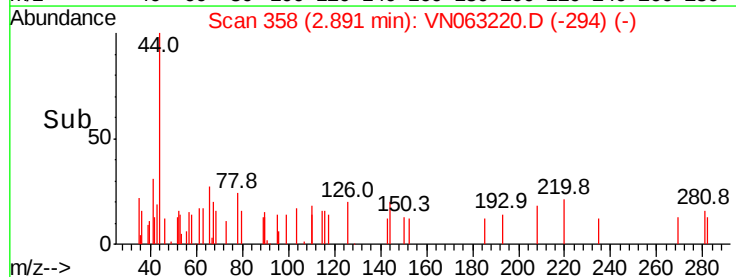
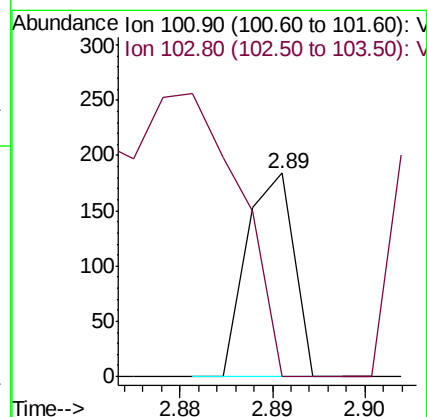
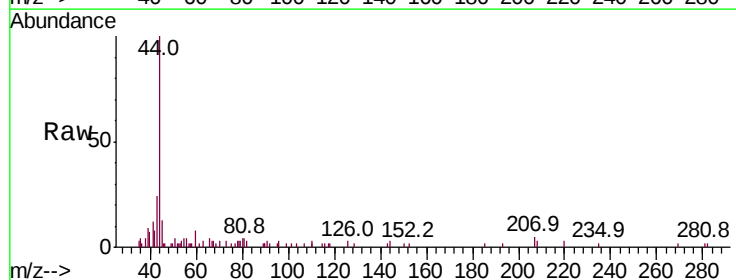
Acq: 3 Sep 2020 15:12

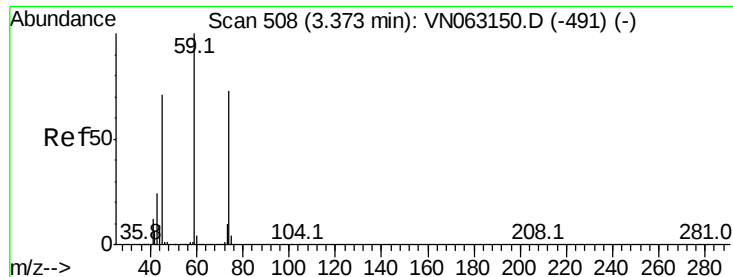
Tgt Ion: 101 Resp: 65

Ion Ratio Lower Upper

101 100

103 0.0 49.7 74.5#





#8

Diethyl Ether

Concen: 0.332 ug/l

RT: 3.39 min Scan# 512

Delta R.T. 0.01 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

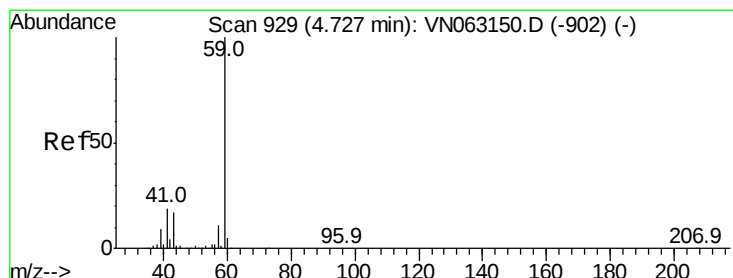
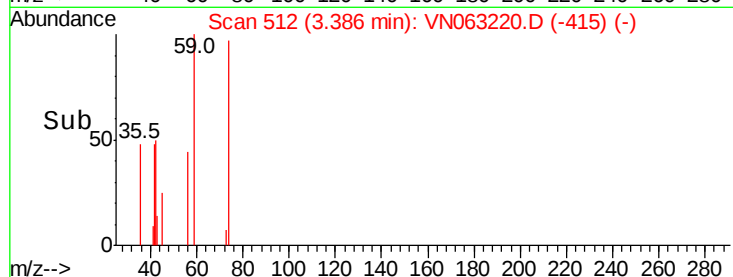
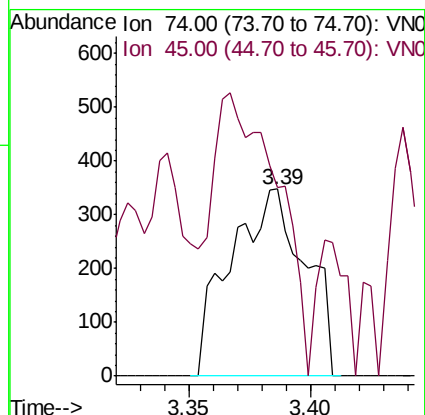
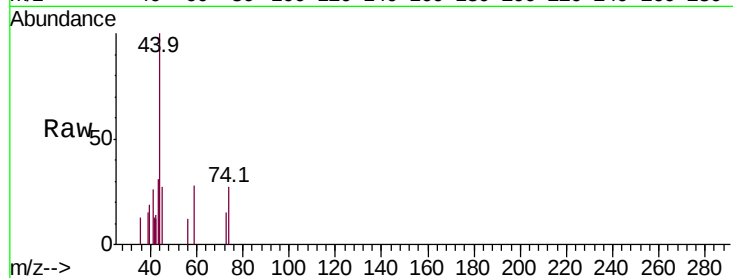
PB131386ZHE#09

Tot Ion: 74 Resp: 739

Ion Ratio Lower Upper

74 100

45 132.7 49.5 148.5



#11

Tert butyl alcohol

Concen: 0.364 ug/l

RT: 4.74 min Scan# 932

Delta R.T. 0.01 min

Lab File: VN063220.D

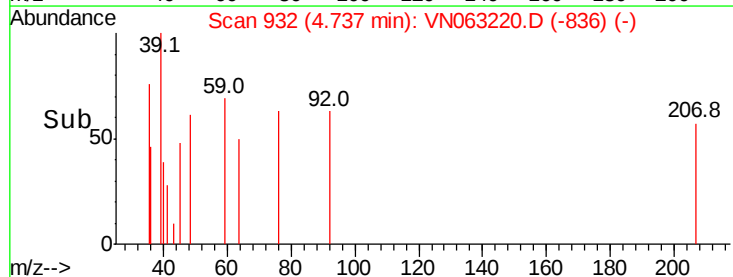
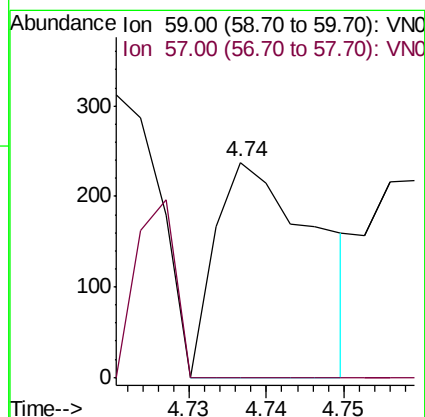
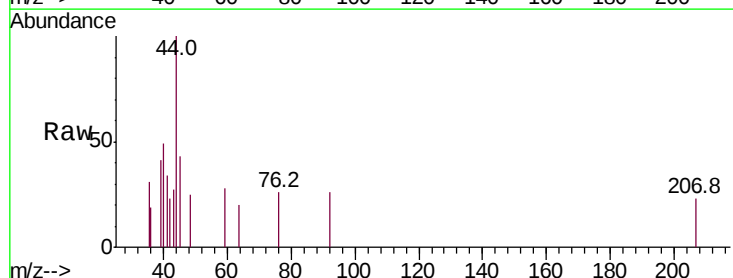
Acq: 3 Sep 2020 15:12

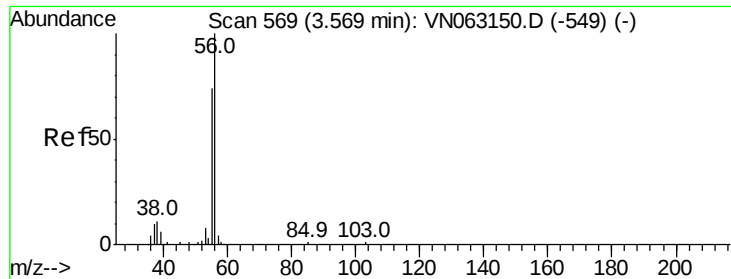
Tgt Ion: 59 Resp: 215

Ion Ratio Lower Upper

59 100

57 32.1 8.4 12.6#





#13

Acrolein

Concen: 16.503 ug/l

RT: 3.58 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

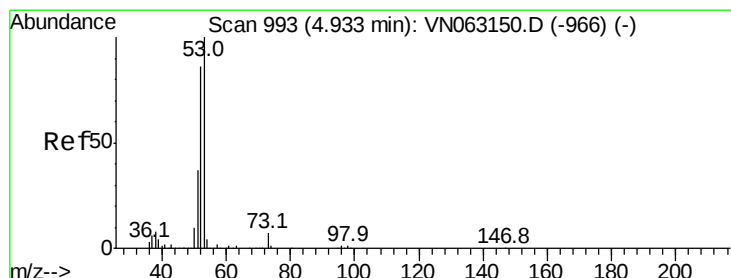
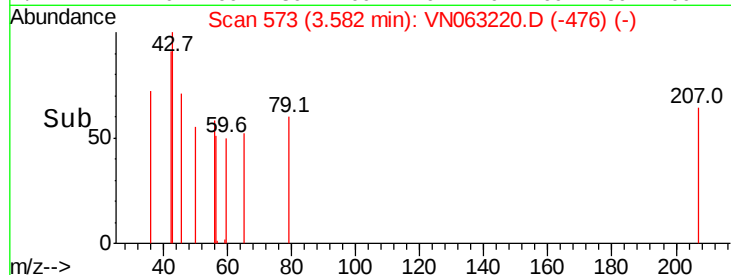
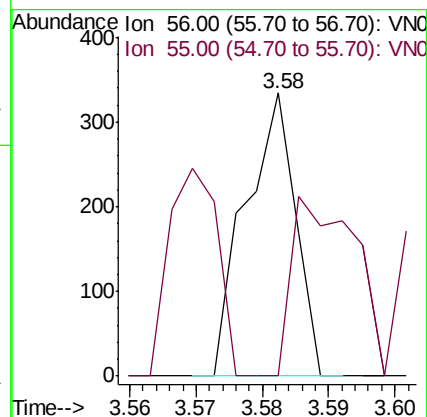
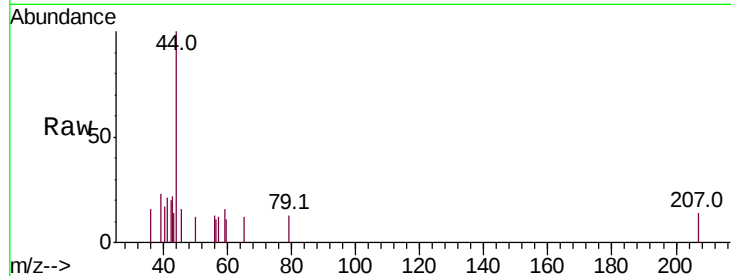
PB131386ZHE#09

Tot Ion: 56 Resp: 176

Ion Ratio Lower Upper

56 100

55 80.1 55.4 83.0



#15

Acrylonitrile

Concen: 2.475 ug/l

RT: 4.95 min Scan# 998

Delta R.T. 0.02 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

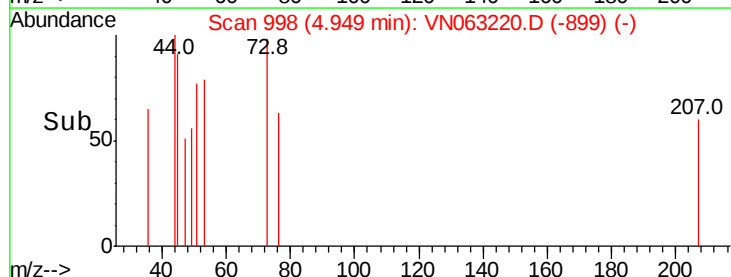
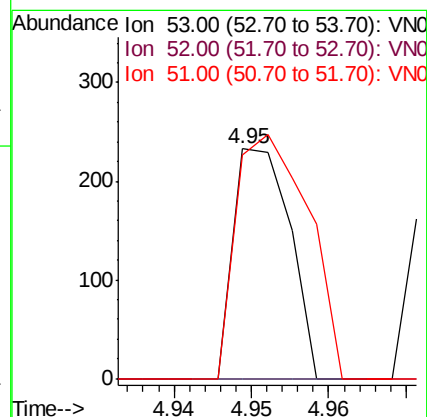
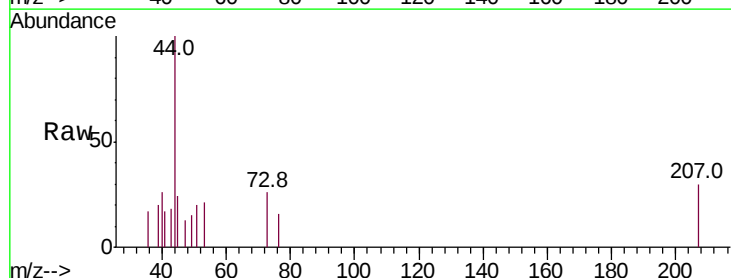
Tgt Ion: 53 Resp: 118

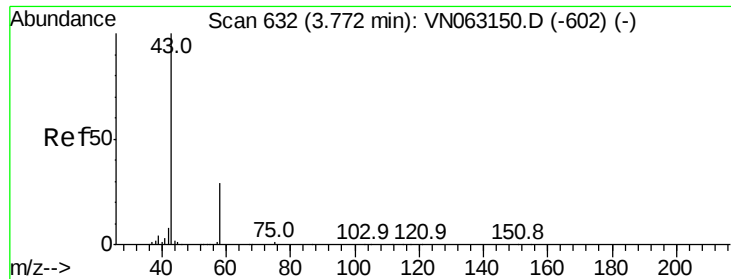
Ion Ratio Lower Upper

53 100

52 0.0 67.2 100.8#

51 136.4 30.2 45.4#





#16

Acetone

Concen: 22.213 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

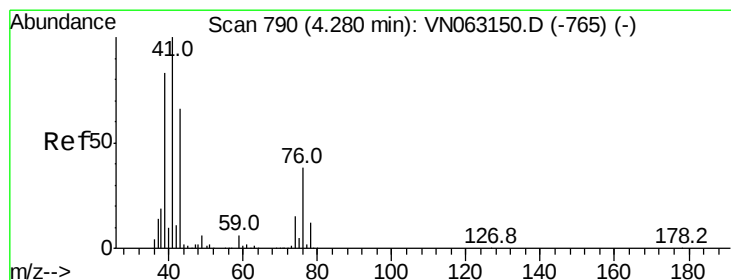
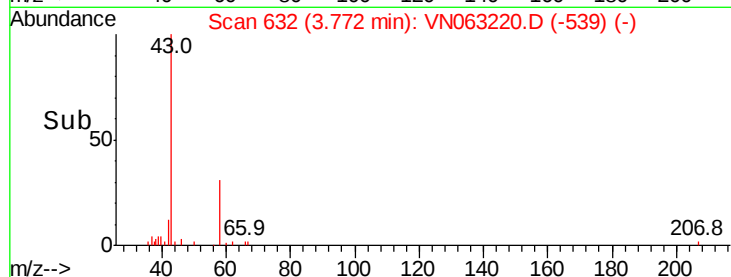
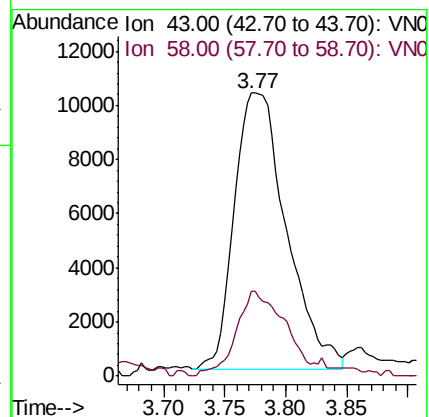
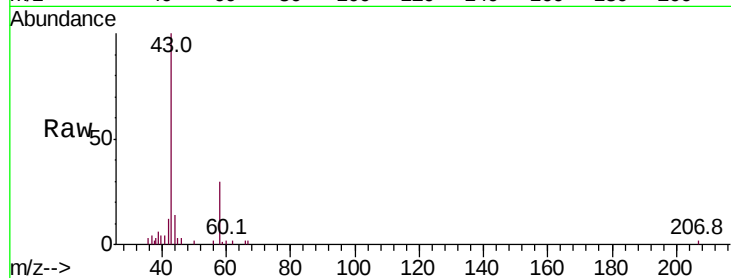
PB131386ZHE#09

Tot Ion: 43 Resp: 30349

Ion Ratio Lower Upper

43 100

58 30.5 23.1 34.7



#18

Methyl Acetate

Concen: 0.818 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063220.D

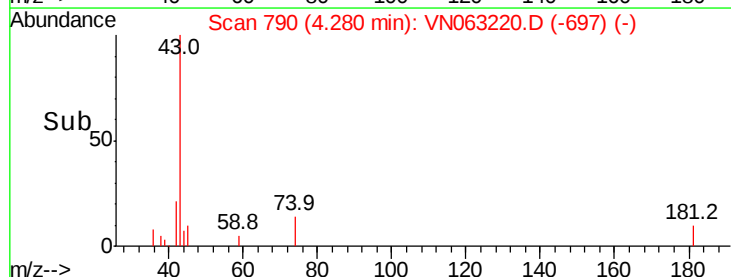
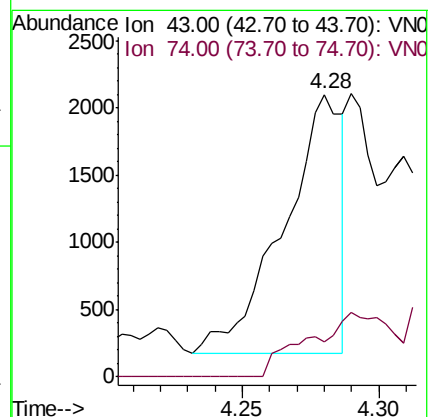
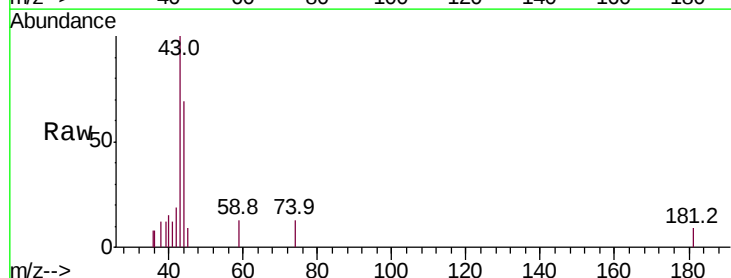
Acq: 3 Sep 2020 15:12

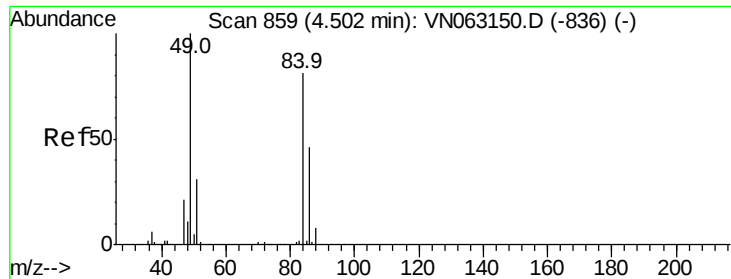
Tgt Ion: 43 Resp: 2867

Ion Ratio Lower Upper

43 100

74 35.0 19.0 28.6#

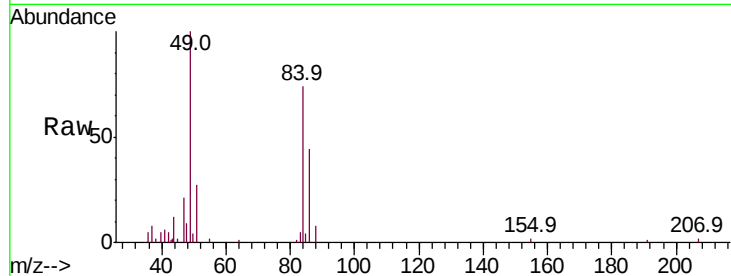




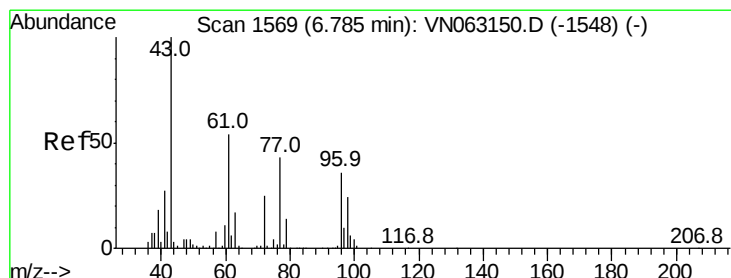
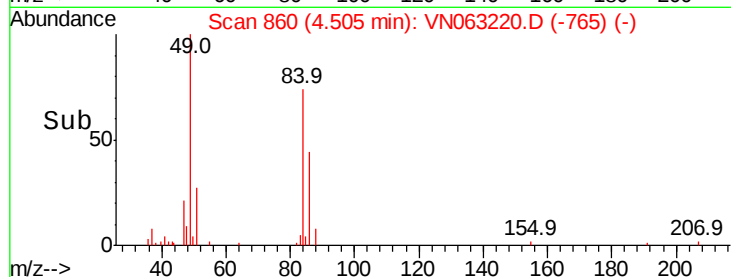
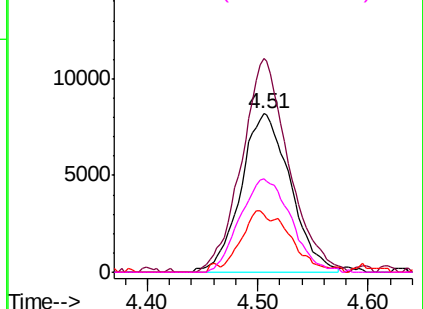
#20  
Methylene Chloride  
Concen: 6.192 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VN063220.D  
Acq: 3 Sep 2020 15:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB131386ZHE#09

Tot Ion: 84 Resp: 25442  
Ion Ratio Lower Upper  
84 100  
49 134.8 98.4 147.6  
51 36.7 30.4 45.6  
86 58.7 45.7 68.5

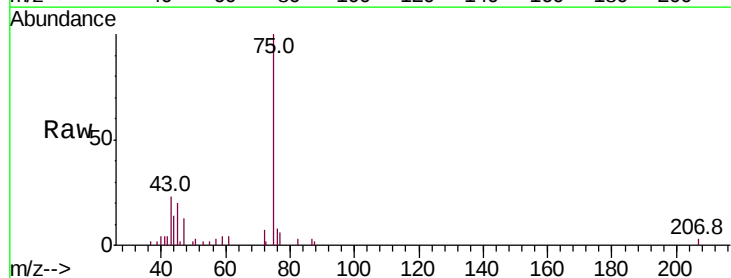


Abundance Ion 83.90 (83.60 to 84.60): VNO  
Ion 48.90 (48.60 to 49.60): VNO  
Ion 50.90 (50.60 to 51.60): VNO  
Ion 85.90 (85.60 to 86.60): VNO

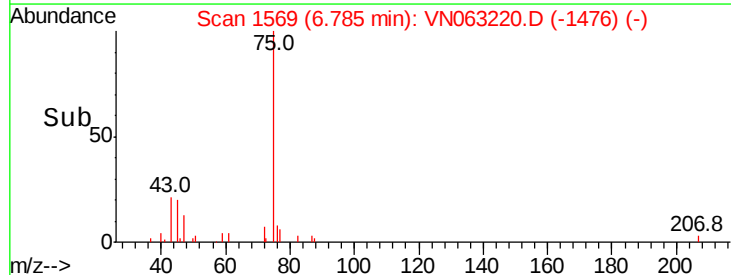
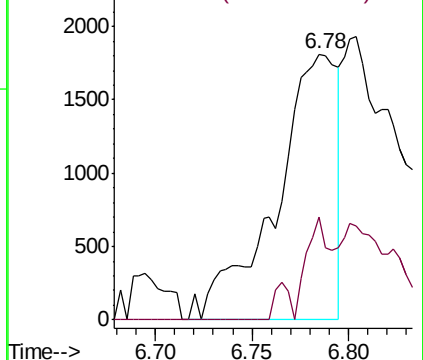


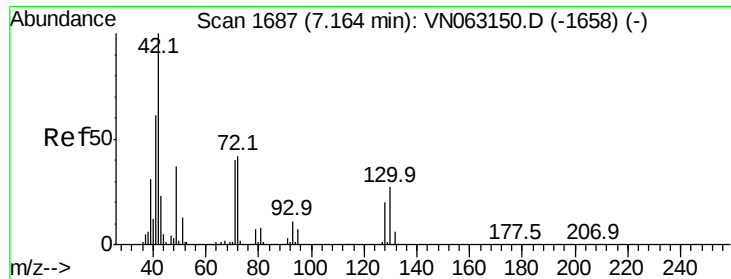
#25  
2-Butanone  
Concen: 1.896 ug/l  
RT: 6.78 min Scan# 1569  
Delta R.T. 0.00 min  
Lab File: VN063220.D  
Acq: 3 Sep 2020 15:12

Tgt Ion: 43 Resp: 4010  
Ion Ratio Lower Upper  
43 100  
72 38.8 20.2 30.4#



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





#29

Tetrahydrofuran

Concen: 1.894 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#09

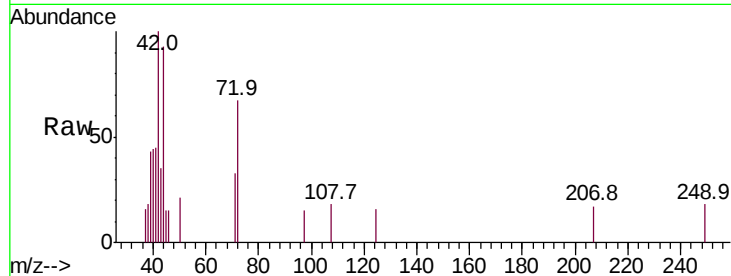
Tot Ion: 42 Resp: 2771

Ion Ratio Lower Upper

42 100

72 26.6 33.9 50.9#

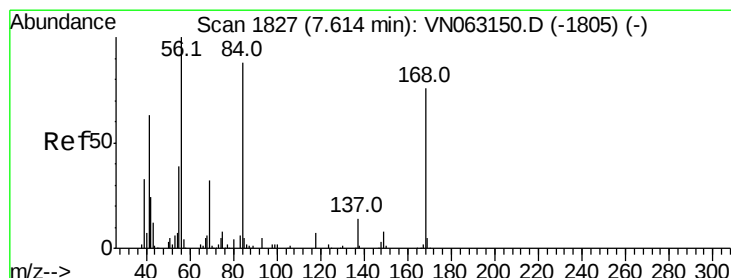
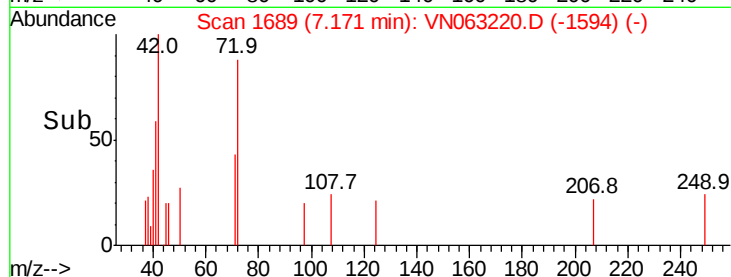
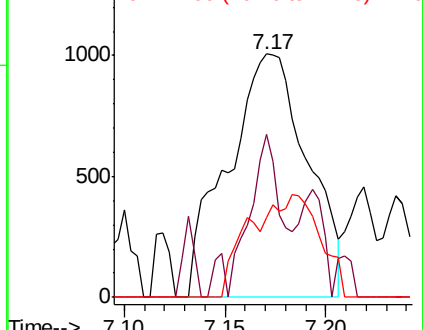
71 10.7 31.9 47.9#



Abundance Ion 42.00 (41.70 to 42.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

Ion 71.00 (70.70 to 71.70): VNC



#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

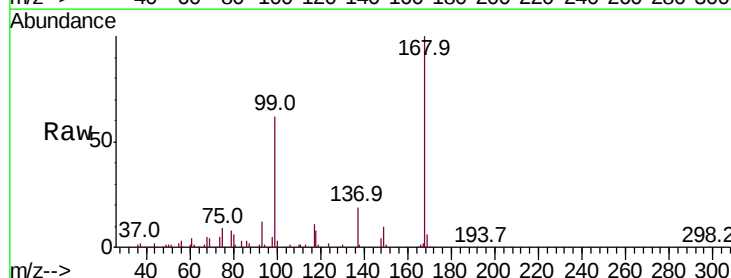
Tgt Ion: 56 Resp: 8640

Ion Ratio Lower Upper

56 100

69 122.0 25.4 38.0#

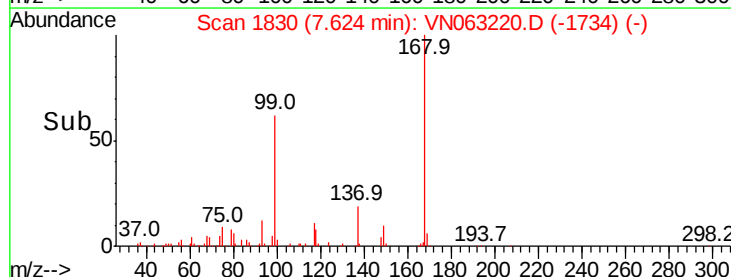
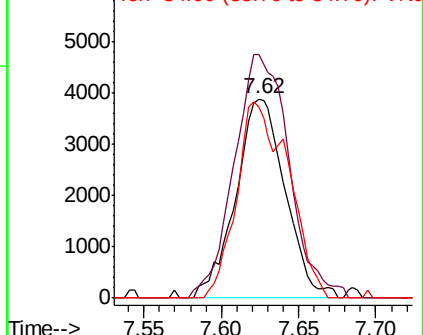
84 95.8 70.2 105.4

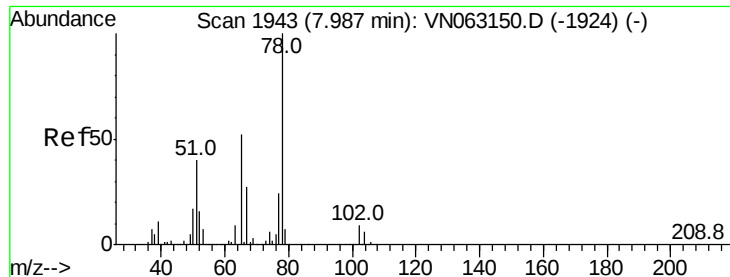


Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC

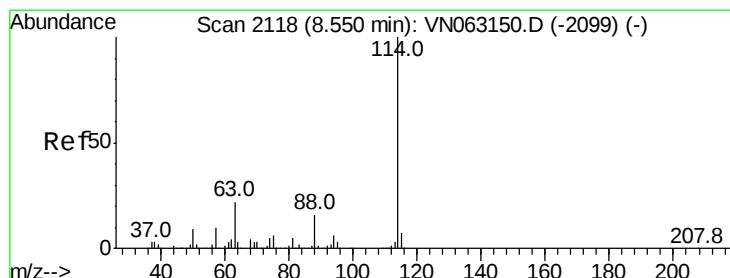
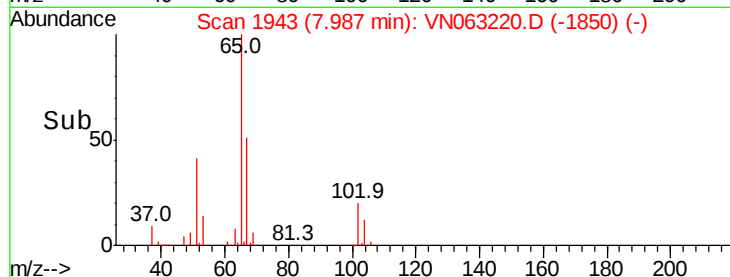
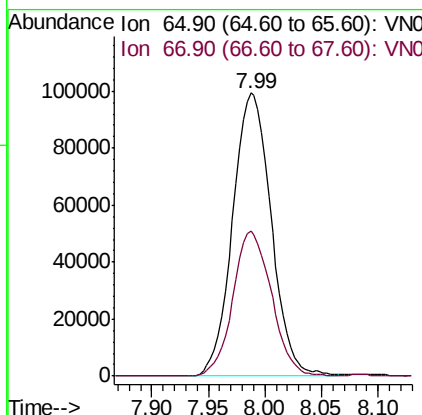
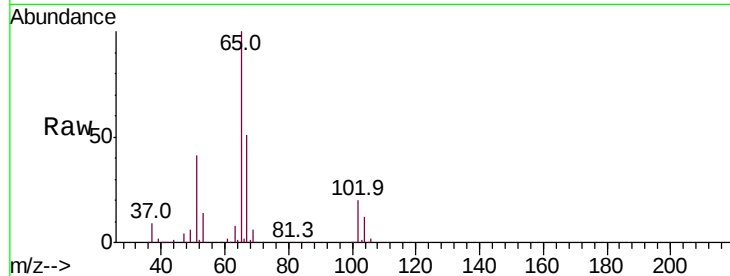




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.065 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN063220.D  
 Acq: 3 Sep 2020 15:12

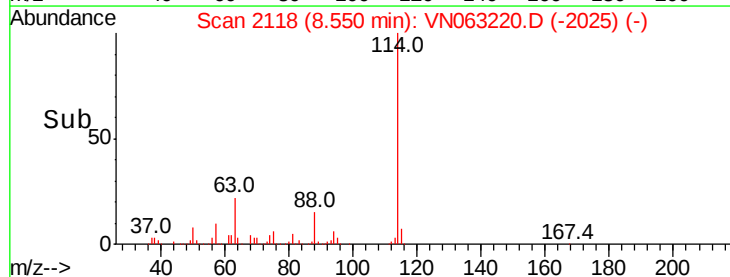
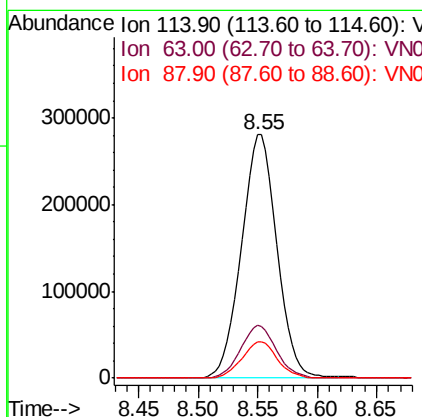
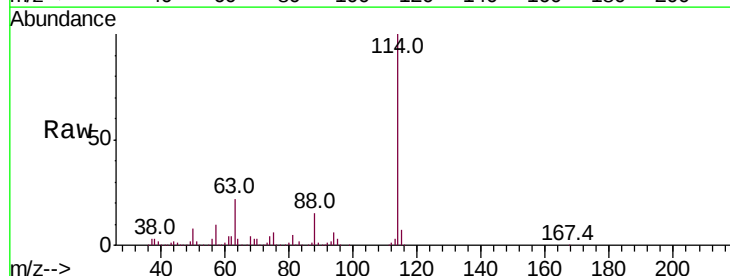
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB131386ZHE#09

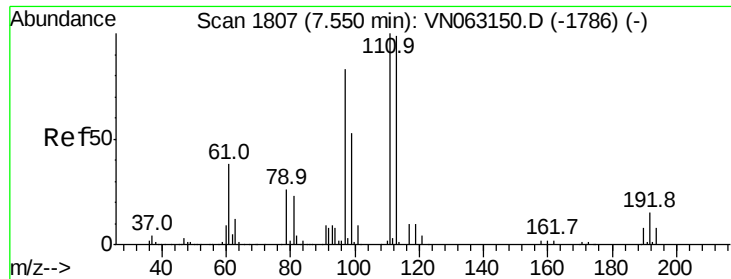
Tot Ion: 65 Resp: 235816  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN063220.D  
 Acq: 3 Sep 2020 15:12

Tgt Ion: 114 Resp: 580014  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 0.0 43.0  
 88 15.0 0.0 31.6

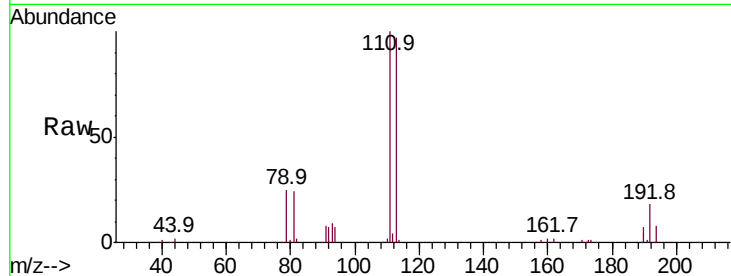




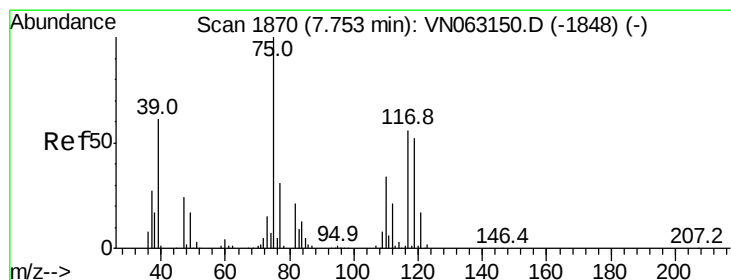
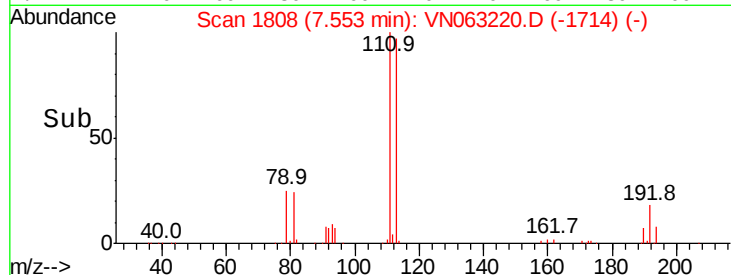
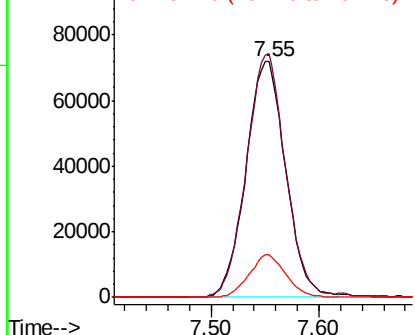
#35  
Dibromofluoromethane  
Concen: 49.455 ug/l  
RT: 7.55 min Scan# 1808  
Delta R.T. 0.00 min  
Lab File: VN063220.D  
Acq: 3 Sep 2020 15:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB131386ZHE#09

Tot Ion:113 Resp: 184028  
Ion Ratio Lower Upper  
113 100  
111 101.3 80.7 121.1  
192 16.7 12.6 19.0

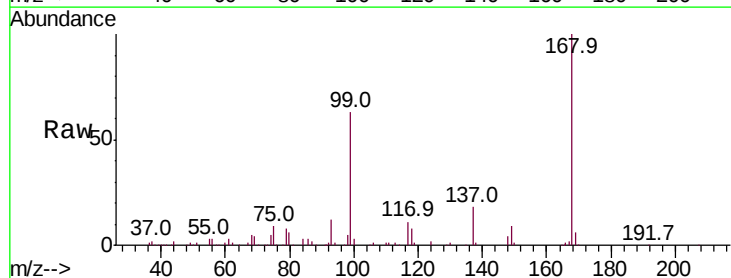


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

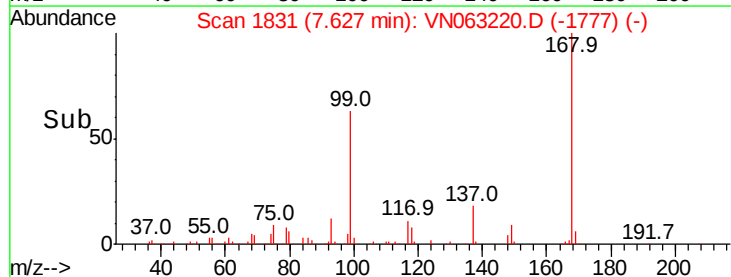
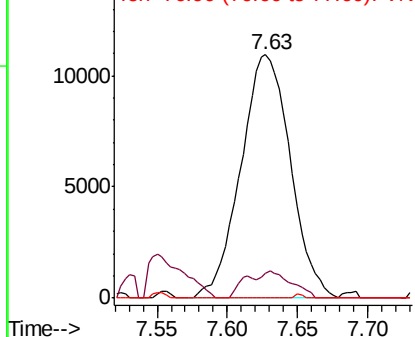


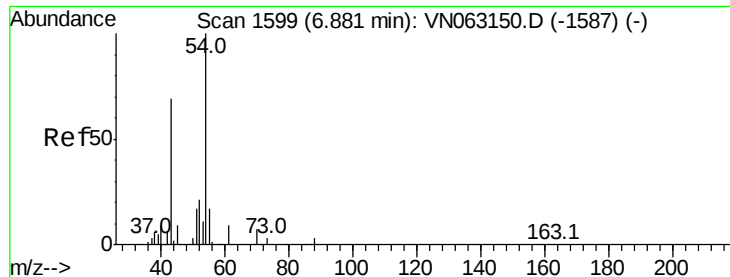
#36  
1,1-Dichloropropene  
Concen: 4.836 ug/l  
RT: 7.63 min Scan# 1831  
Delta R.T. -0.13 min  
Lab File: VN063220.D  
Acq: 3 Sep 2020 15:12

Tgt Ion: 75 Resp: 26963  
Ion Ratio Lower Upper  
75 100  
110 6.6 16.6 49.8#  
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): VN0

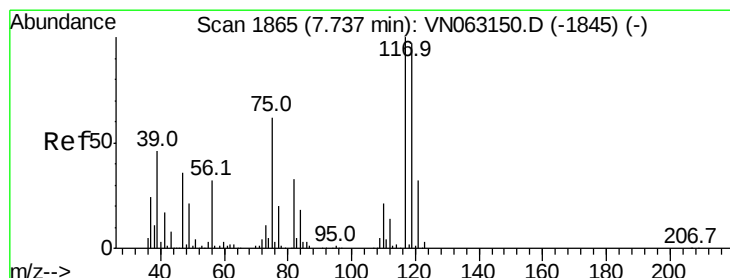
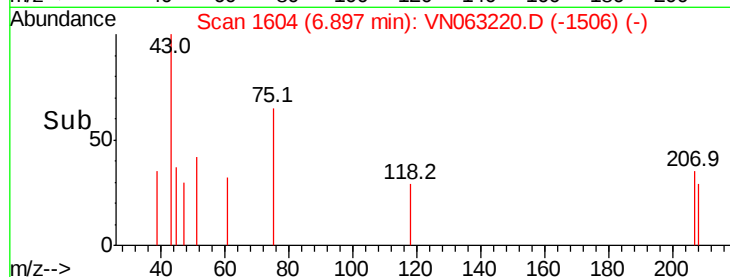
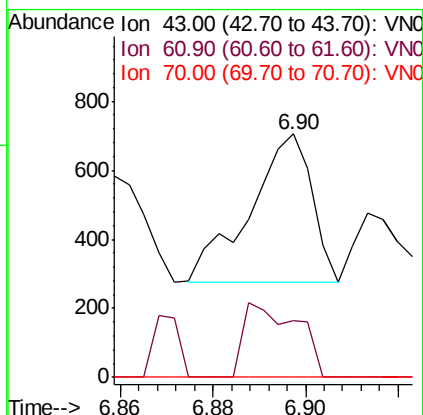
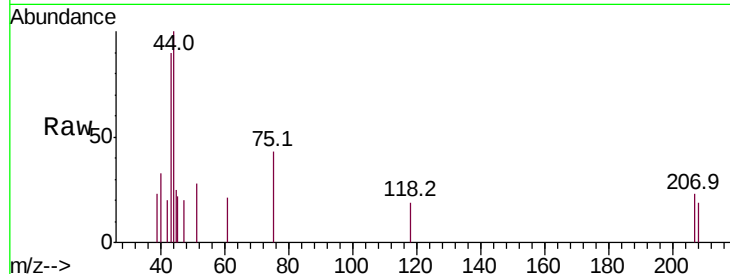




#37  
Ethyl Acetate  
Concen: 0.456 ug/l  
RT: 6.90 min Scan# 1604  
Delta R.T. 0.02 min  
Lab File: VN063220.D  
Acq: 3 Sep 2020 15:12

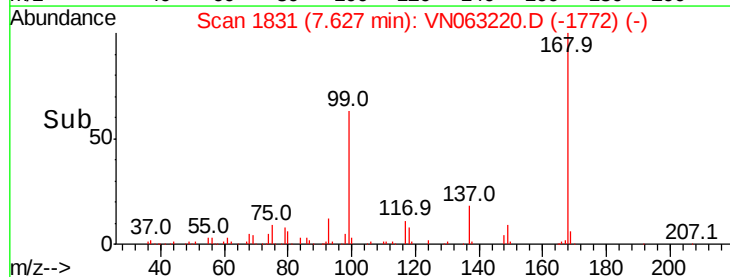
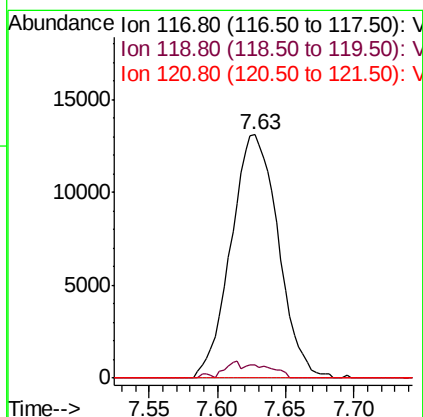
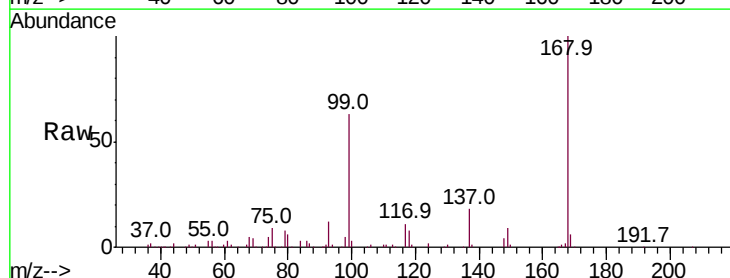
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB131386ZHE#09

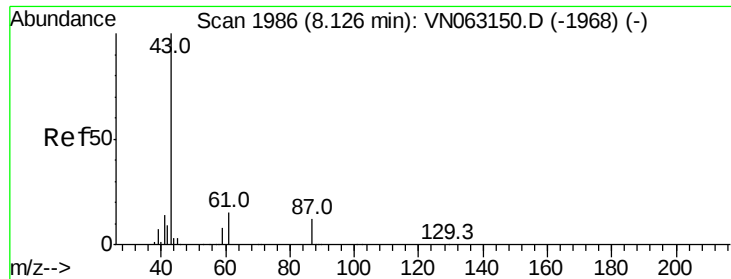
Tot Ion: 43 Resp: 399  
Ion Ratio Lower Upper  
43 100  
61 43.1 10.2 15.4#  
70 0.0 3.0 4.6#



#38  
Carbon Tetrachloride  
Concen: 5.578 ug/l  
RT: 7.63 min Scan# 1831  
Delta R.T. -0.11 min  
Lab File: VN063220.D  
Acq: 3 Sep 2020 15:12

Tgt Ion: 117 Resp: 31542  
Ion Ratio Lower Upper  
117 100  
119 5.2 77.2 115.8#  
121 0.0 25.6 38.4#





#43

Isopropyl Acetate

Concen: 11.114 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#09

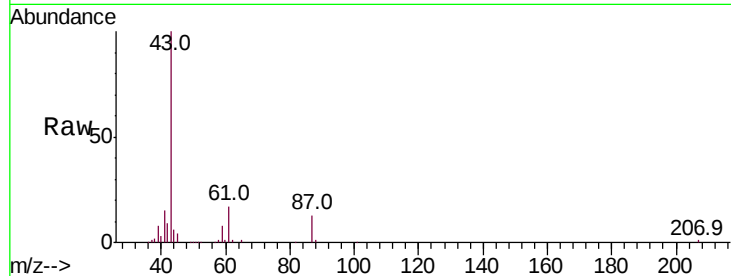
Tot Ion: 43 Resp: 101063

Ion Ratio Lower Upper

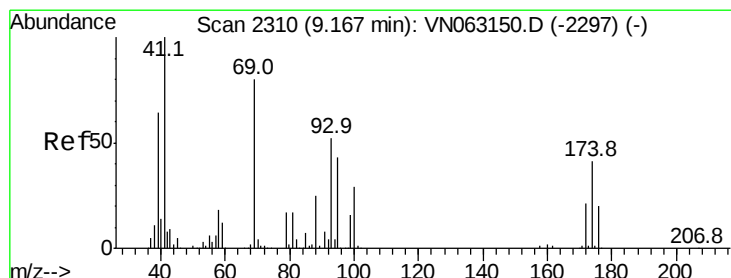
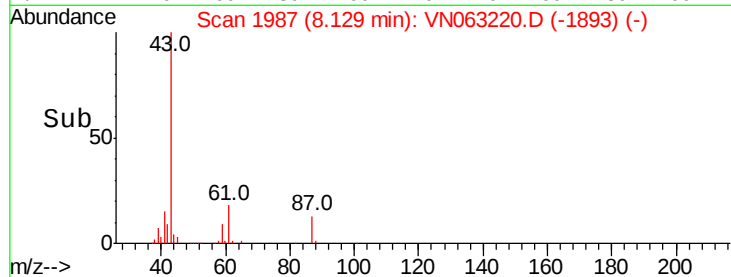
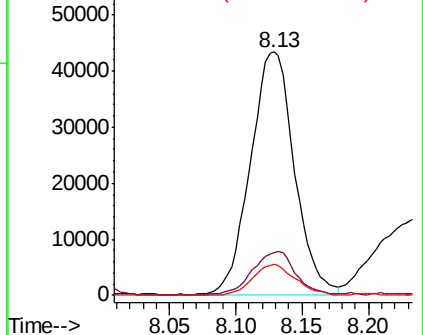
43 100

61 17.8 20.2 30.4#

87 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 61.00 (60.70 to 61.70): VNO  
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 40.470 ug/l

RT: 9.23 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

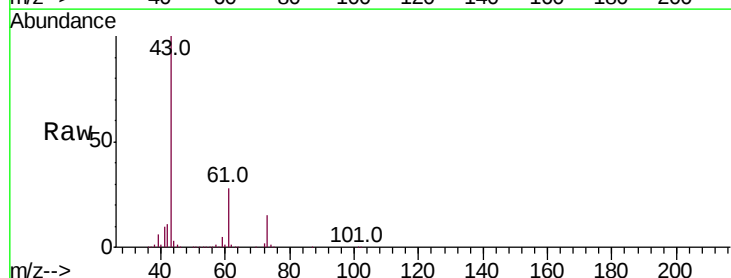
Tgt Ion: 41 Resp: 165904

Ion Ratio Lower Upper

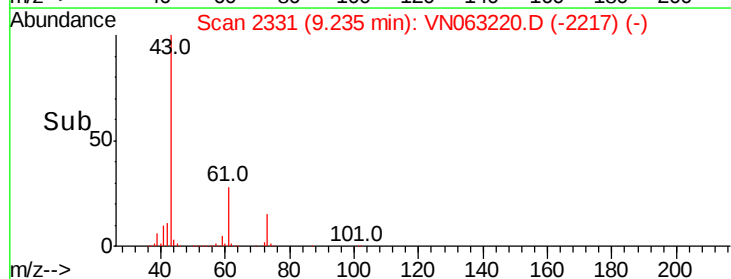
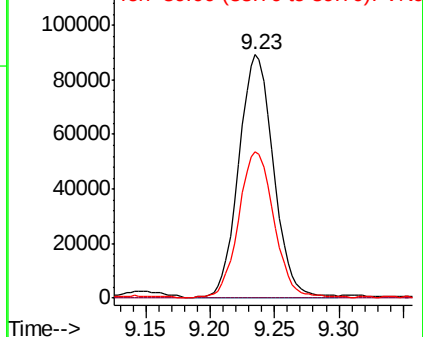
41 100

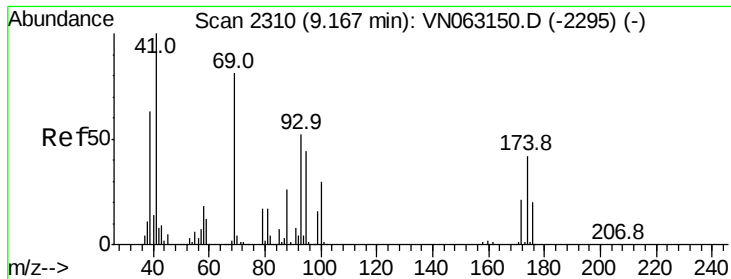
69 0.0 65.9 98.9#

39 60.8 52.0 78.0



Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 69.00 (68.70 to 69.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 0.978 ug/l

RT: 9.18 min Scan# 2314

Delta R.T. 0.01 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#09

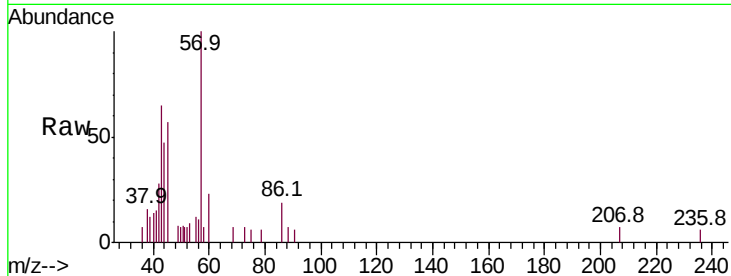
Tot Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

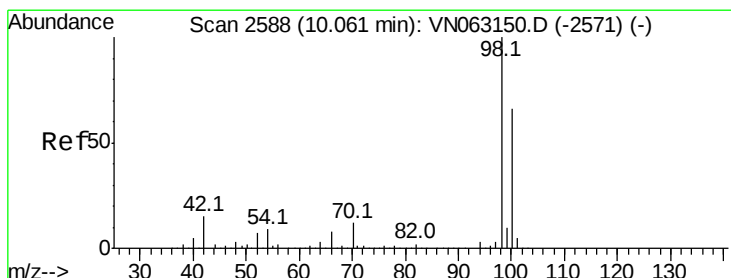
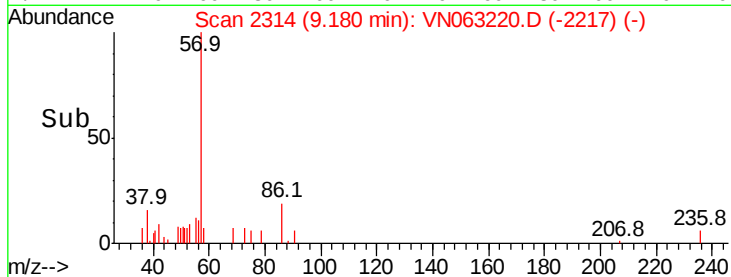
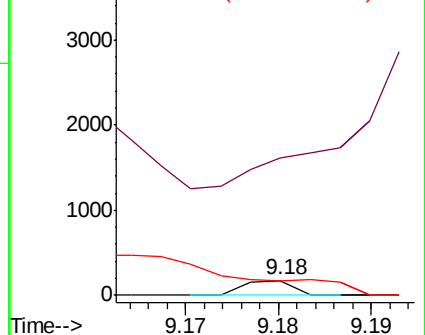
58 0.0 53.2 79.8#



Abundance Ion 88.00 (87.70 to 88.70): VN063220.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063220.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063220.D (-2295) (-)



#50

Toluene-d8

Concen: 52.606 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063220.D

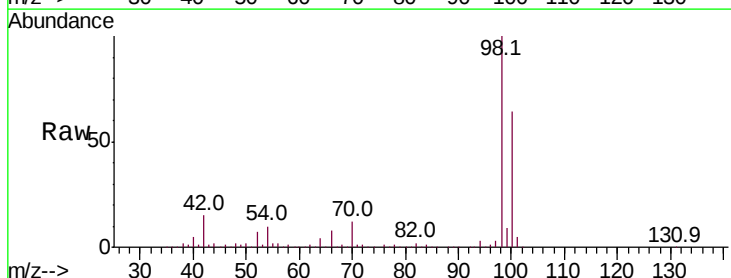
Acq: 3 Sep 2020 15:12

Tgt Ion: 98 Resp: 753447

Ion Ratio Lower Upper

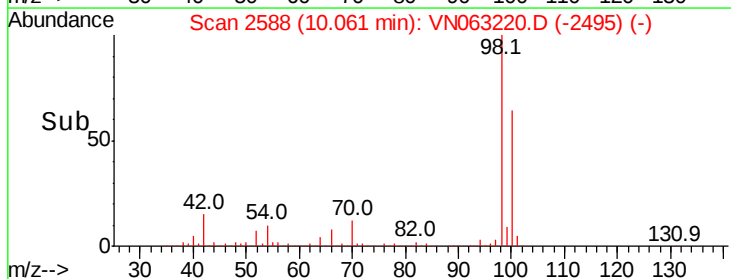
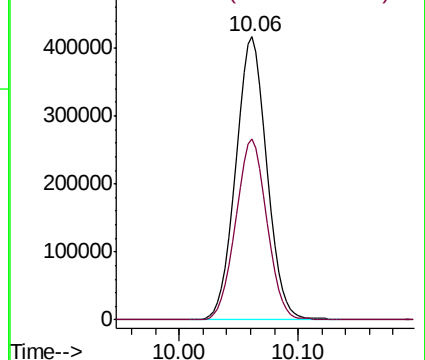
98 100

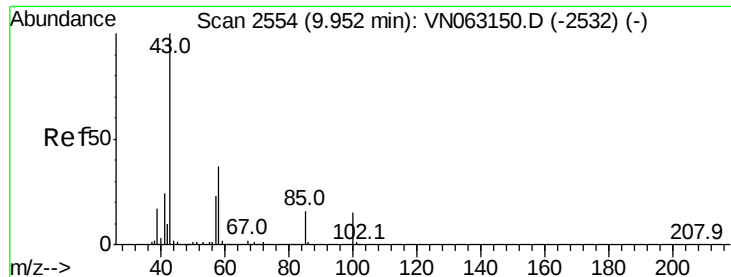
100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN063220.D (-2495) (-)

Ion 100.00 (99.70 to 100.70): VN063220.D (-2495) (-)





#51

4-Methyl-2-Pentanone

Concen: 2.489 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

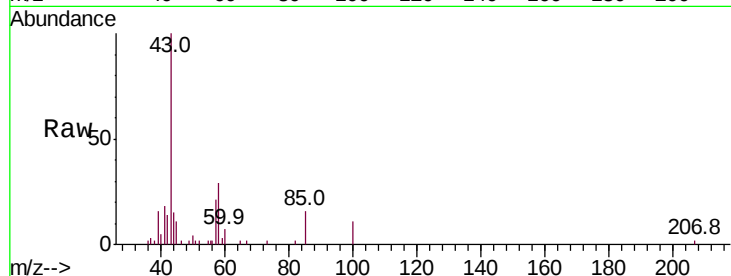
PB131386ZHE#09

Tot Ion: 43 Resp: 12298

Ion Ratio Lower Upper

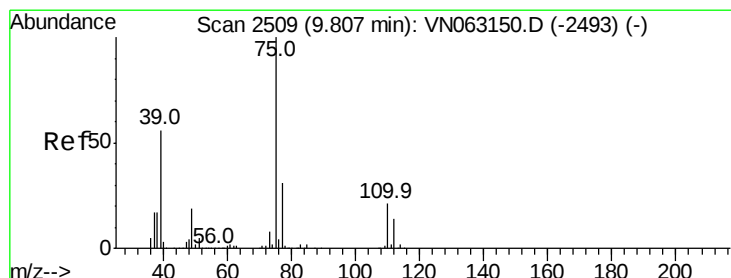
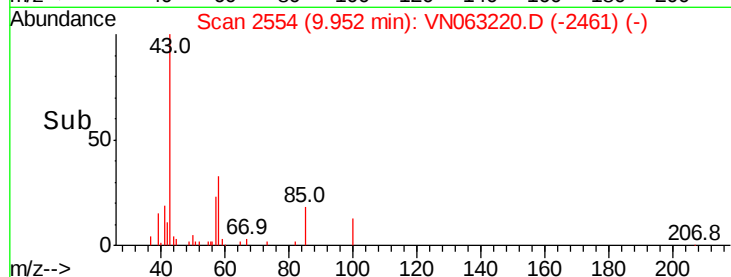
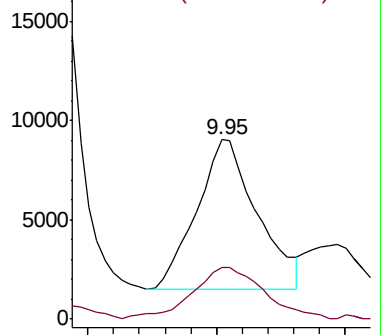
43 100

58 41.3 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.002 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

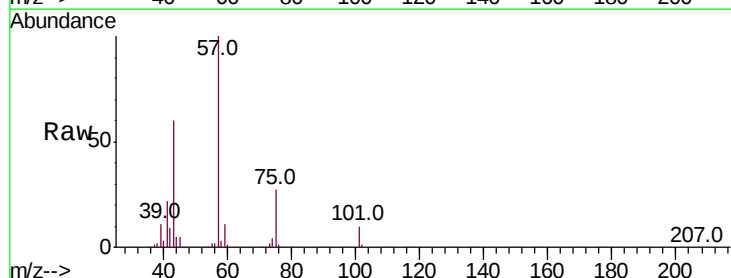
Tgt Ion: 75 Resp: 42468

Ion Ratio Lower Upper

75 100

77 0.8 24.8 37.2#

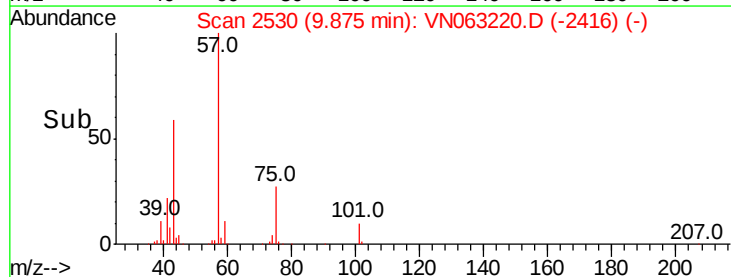
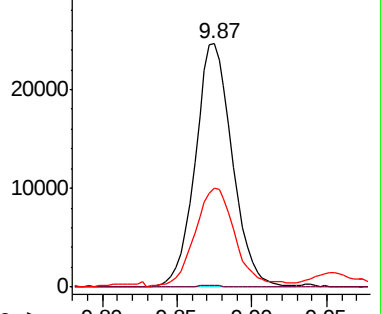
39 40.4 45.0 67.6#

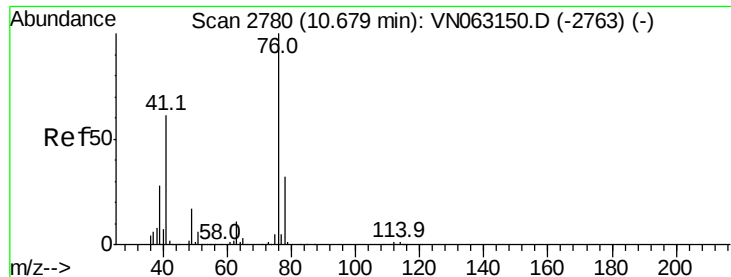


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

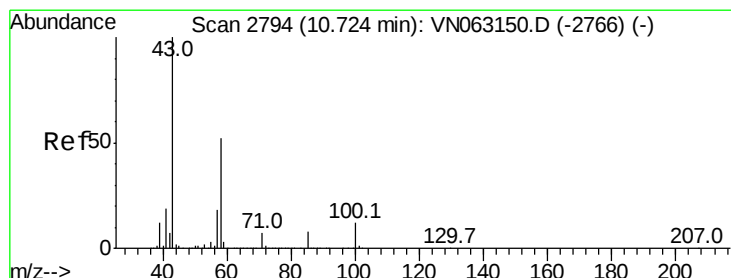
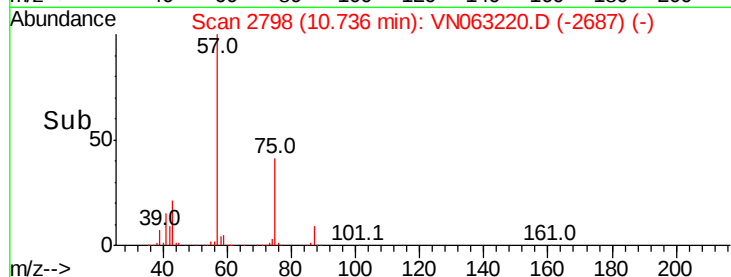
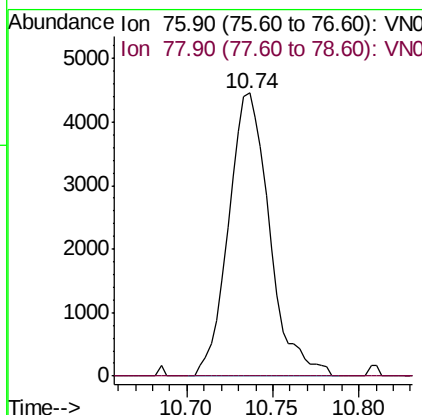
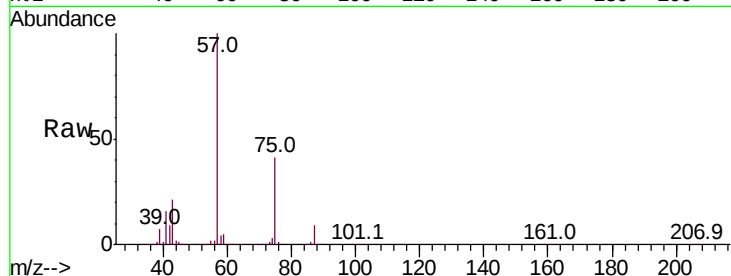




#57  
 1,3-Dichloropropane  
 Concen: 1.067 ug/l  
 RT: 10.74 min Scan# 2798  
 Delta R.T. 0.06 min  
 Lab File: VN063220.D  
 Acq: 3 Sep 2020 15:12

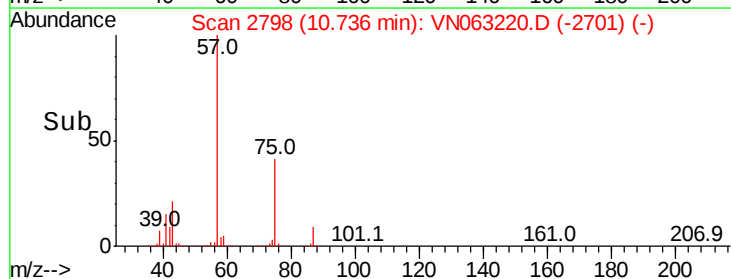
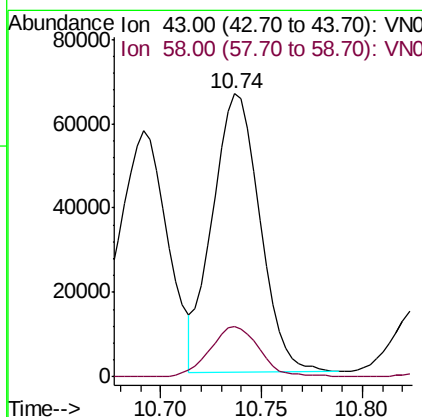
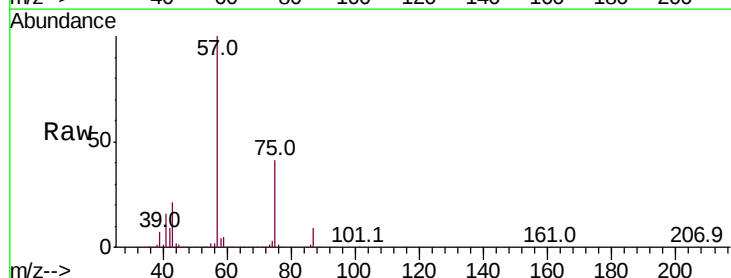
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB131386ZHE#09

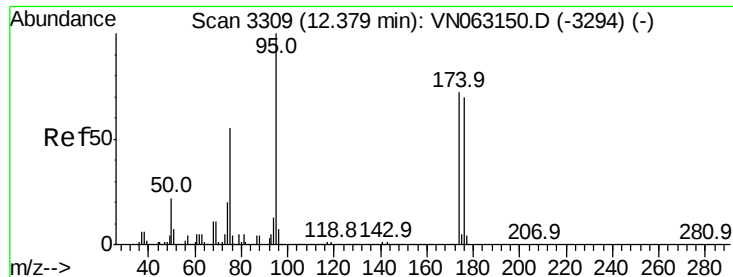
Tot Ion: 76 Resp: 7430  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.5 38.3#



#59  
 2-Hexanone  
 Concen: 31.094 ug/l  
 RT: 10.74 min Scan# 2798  
 Delta R.T. 0.01 min  
 Lab File: VN063220.D  
 Acq: 3 Sep 2020 15:12

Tgt Ion: 43 Resp: 107985  
 Ion Ratio Lower Upper  
 43 100  
 58 19.1 25.9 77.8#

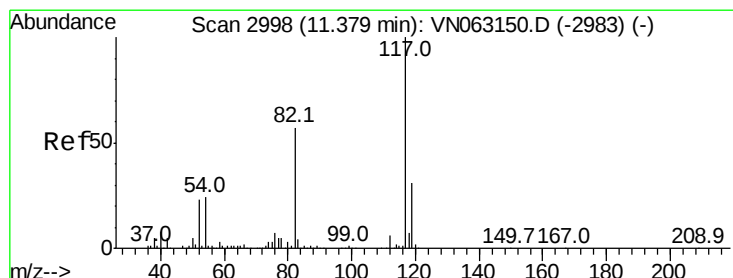
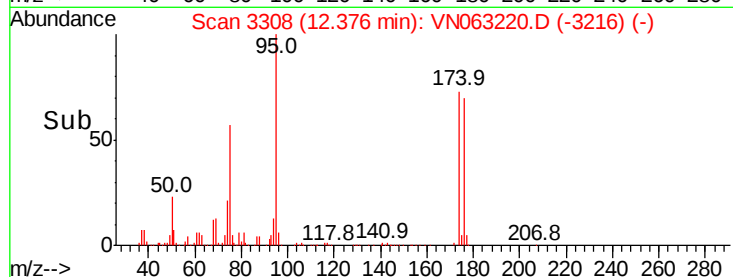
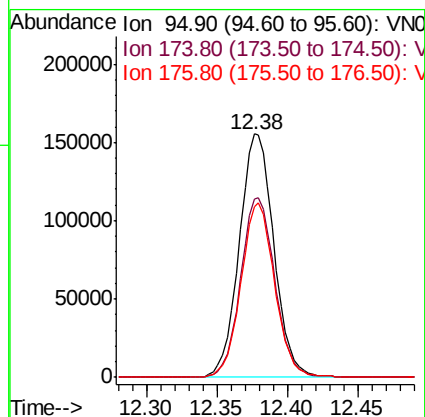
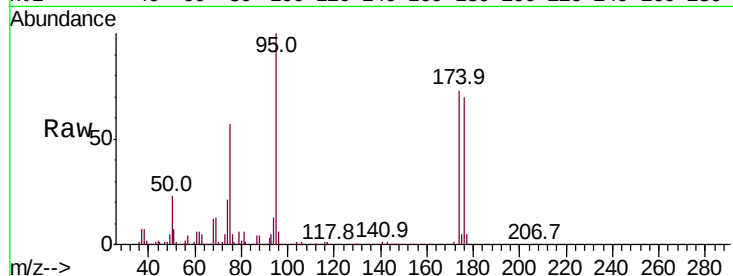




#62  
4-Bromofluorobenzene  
Concen: 53.391 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. -0.00 min  
Lab File: VN063220.D  
Acq: 3 Sep 2020 15:12

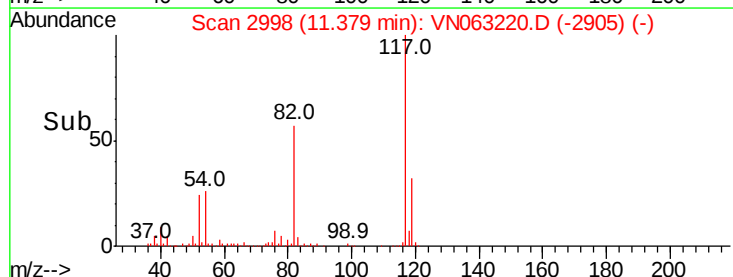
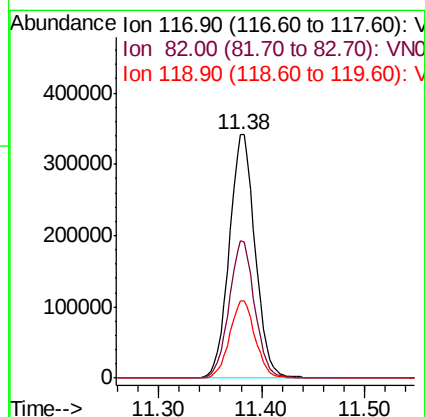
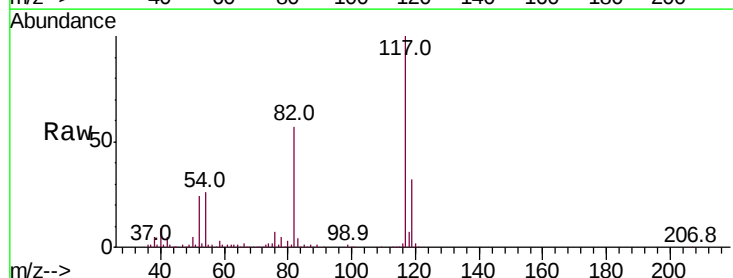
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB131386ZHE#09

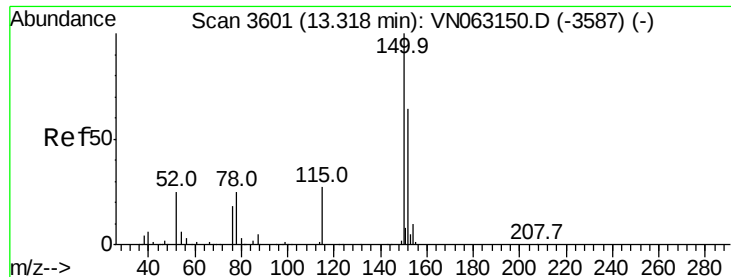
Tot Ion: 95 Resp: 267494  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 143.8  
176 69.7 0.0 138.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN063220.D  
Acq: 3 Sep 2020 15:12

Tgt Ion: 117 Resp: 597354  
Ion Ratio Lower Upper  
117 100  
82 56.5 45.4 68.0  
119 31.9 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#09

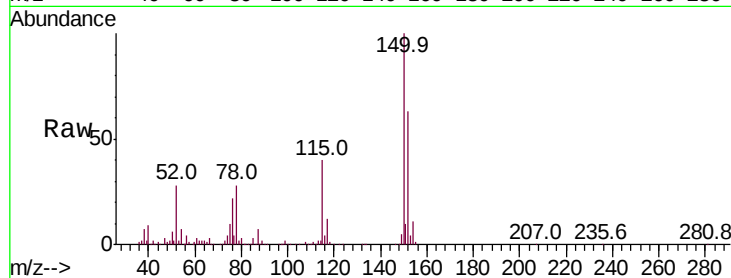
Tot Ion:152 Resp: 230112

Ion Ratio Lower Upper

152 100

115 62.7 32.0 96.2

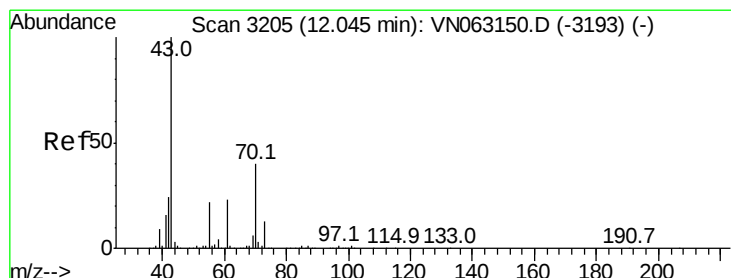
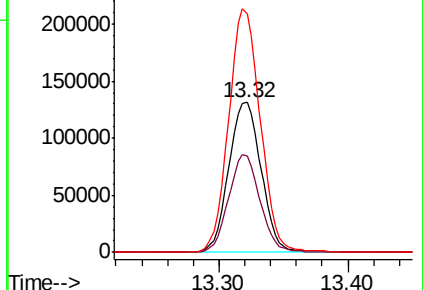
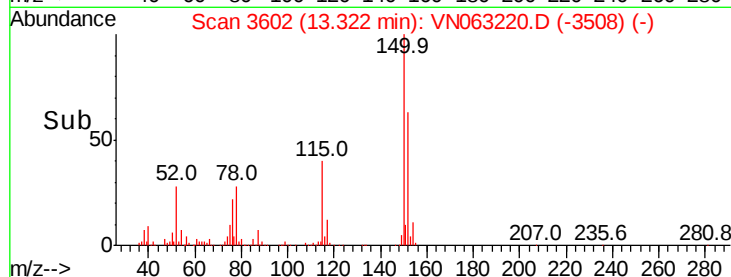
150 157.8 0.0 353.0



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: 0.529 ug/l

RT: 12.01 min Scan# 3193

Delta R.T. -0.04 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Tgt Ion: 43 Resp: 3870

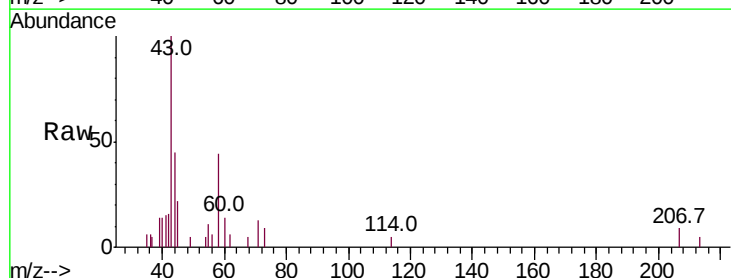
Ion Ratio Lower Upper

43 100

70 0.0 32.1 48.1#

55 9.8 17.4 26.0#

61 0.0 18.6 27.8#

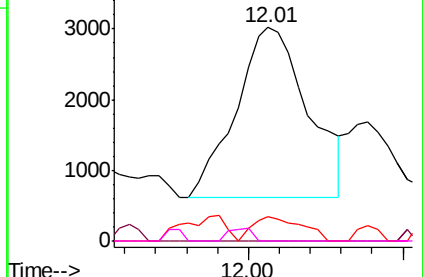
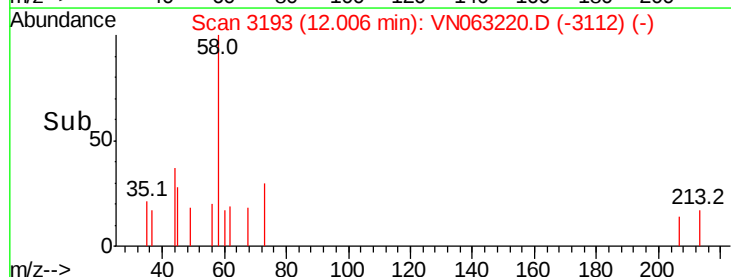


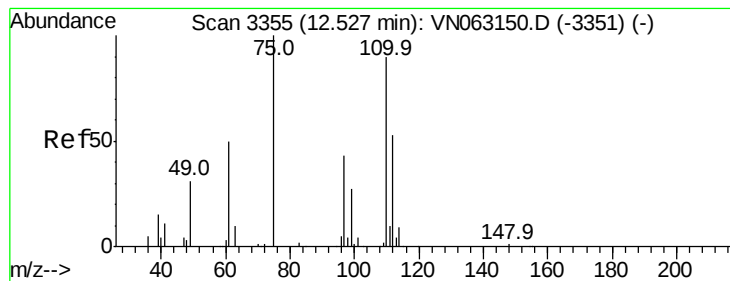
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 33.450 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

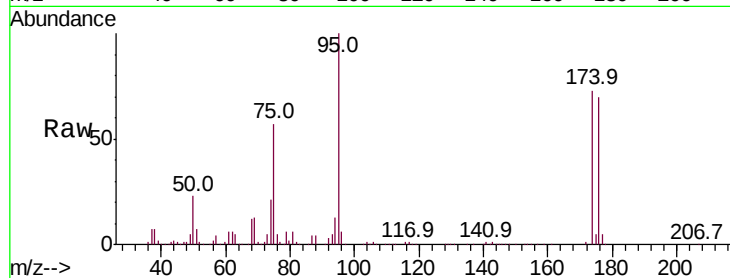
PB131386ZHE#09

Tot Ion: 75 Resp: 151235

Ion Ratio Lower Upper

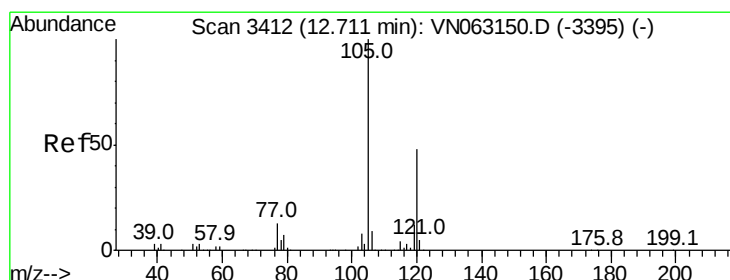
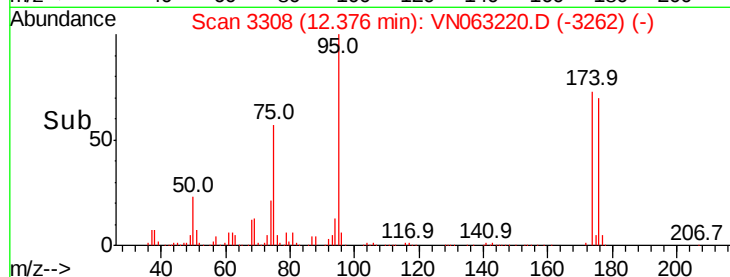
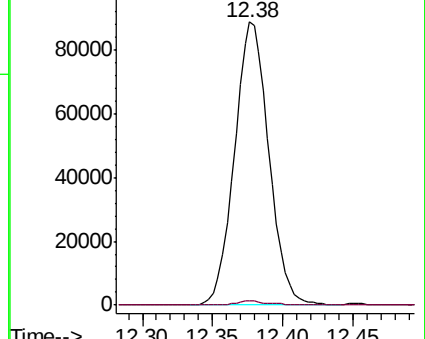
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN063150.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN063150.D (-3351) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.423 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063220.D

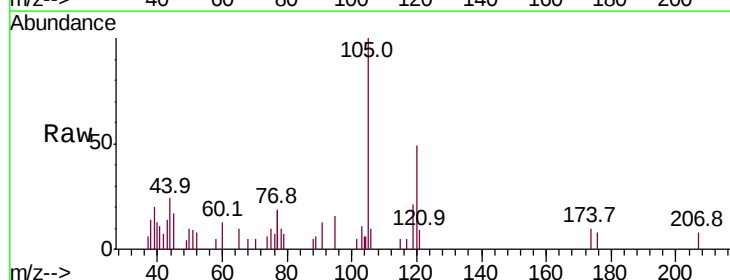
Acq: 3 Sep 2020 15:12

Tgt Ion:105 Resp: 6207

Ion Ratio Lower Upper

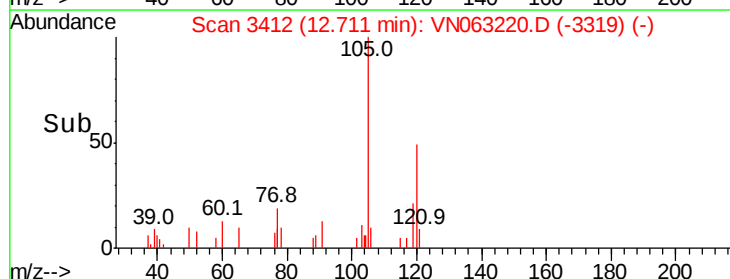
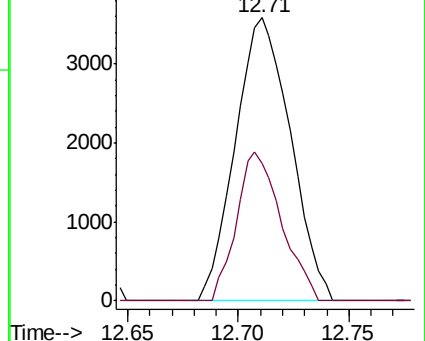
105 100

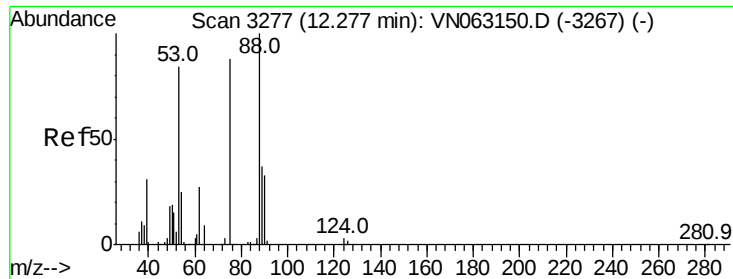
120 42.8 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063150.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN063150.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 80.848 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063220.D

Acq: 3 Sep 2020 15:12

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#09

Tot Ion: 75 Resp: 151235

Ion Ratio Lower Upper

75 100

53 0.1 78.7 118.1#

89 0.0 35.3 52.9#

