

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\  
 Data File : VN063222.D  
 Acq On : 3 Sep 2020 16:00  
 Operator : JC/MD  
 Sample : PB131386ZHE#11  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB131386ZHE#11

Quant Time: Sep 04 04:05:00 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  | 292980   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 577370   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 587046   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 219716   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 235401   | 49.15 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.30%  |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 178835   | 48.28 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.56%  |      |
| 50) Toluene-d8            | 10.06  | 98  | 746514   | 52.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.72% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 258913   | 51.92 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.84% |      |

## Target Compounds

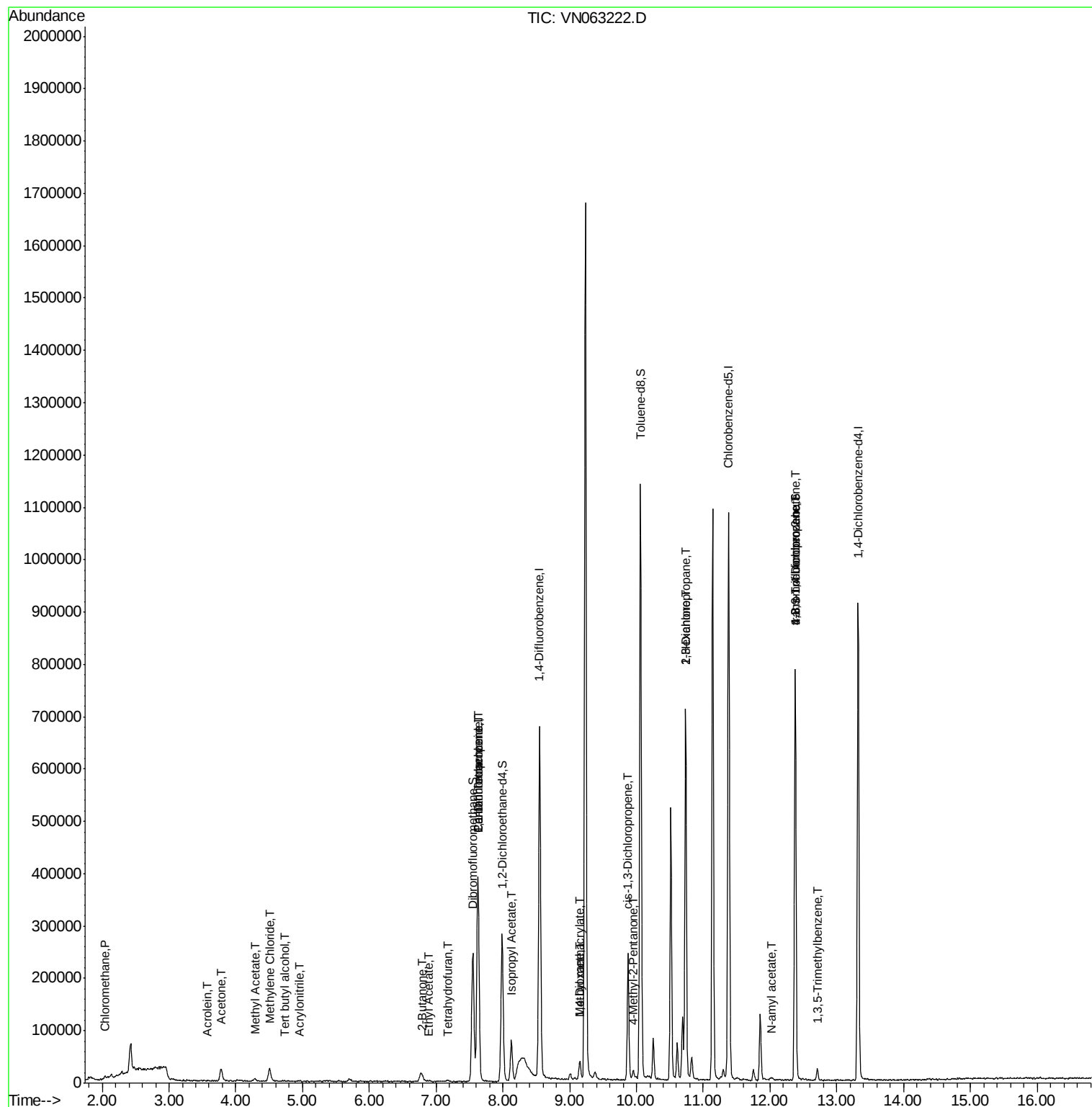
|                                |       |     |        |           | Qvalue |     |
|--------------------------------|-------|-----|--------|-----------|--------|-----|
| 3) Chloromethane               | 2.03  | 50  | 1480   | 0.352     | ug/l   | 93  |
| 7) Trichlorofluoromethane      | 2.84  | 101 | 91     | Below Cal | #      | 19  |
| 11) Tert butyl alcohol         | 4.72  | 59  | 454    | 0.772     | ug/l # | 92  |
| 13) Acrolein                   | 3.57  | 56  | 136    | 16.339    | ug/l # | 82  |
| 15) Acrylonitrile              | 4.96  | 53  | 188    | 2.517     | ug/l # | 78  |
| 16) Acetone                    | 3.78  | 43  | 38701  | 28.426    | ug/l   | 97  |
| 18) Methyl Acetate             | 4.28  | 43  | 2123   | 0.608     | ug/l # | 45  |
| 20) Methylene Chloride         | 4.51  | 84  | 16128  | 3.758     | ug/l   | 98  |
| 25) 2-Butanone                 | 6.80  | 43  | 4312   | 2.045     | ug/l # | 86  |
| 29) Tetrahydrofuran            | 7.16  | 42  | 797    | 0.547     | ug/l # | 57  |
| 31) Cyclohexane                | 7.62  | 56  | 5061   | Below Cal | #      | 43  |
| 36) 1,1-Dichloropropene        | 7.63  | 75  | 26685  | 4.808     | ug/l # | 51  |
| 37) Ethyl Acetate              | 6.88  | 43  | 336    | 0.444     | ug/l # | 53  |
| 38) Carbon Tetrachloride       | 7.63  | 117 | 32541  | 5.781     | ug/l # | 14  |
| 43) Isopropyl Acetate          | 8.13  | 43  | 94372  | 10.425    | ug/l # | 91  |
| 48) Methyl methacrylate        | 9.15  | 41  | 5438   | 1.333     | ug/l # | 12  |
| 49) 1,4-Dioxane                | 9.15  | 88  | 154    | 2.440     | ug/l # | 1   |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43  | 10263  | 2.086     | ug/l # | 77  |
| 54) cis-1,3-Dichloropropene    | 9.87  | 75  | 41620  | 5.909     | ug/l # | 68  |
| 57) 1,3-Dichloropropane        | 10.74 | 76  | 7211   | 1.040     | ug/l # | 43  |
| 59) 2-Hexanone                 | 10.74 | 43  | 102929 | 29.774    | ug/l # | 53  |
| 74) N-amyl acetate             | 12.01 | 43  | 4527   | 0.649     | ug/l # | 53  |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75  | 149304 | 34.585    | ug/l # | 100 |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105 | 10602  | 0.756     | ug/l   | 98  |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75  | 149304 | 83.593    | ug/l # | 10  |

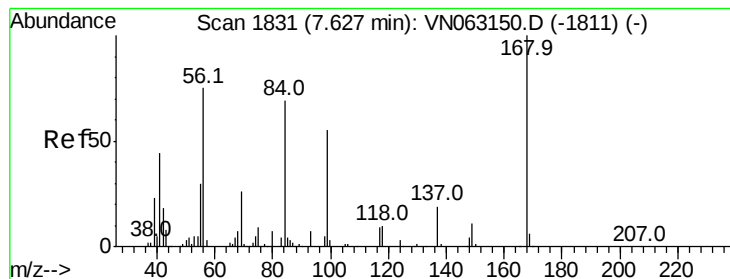
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090320\  
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Sample : PB131386ZHE#11  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB131386ZHE#11

Quant Time: Sep 04 04:05:00 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N083120W.M  
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: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

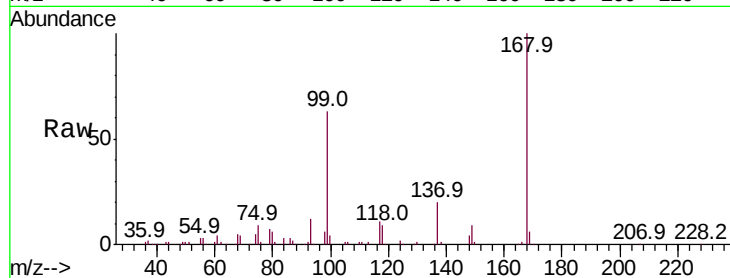
PB131386ZHE#11

Tot Ion:168 Resp: 292980

Ion Ratio Lower Upper

168 100

99 63.2 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

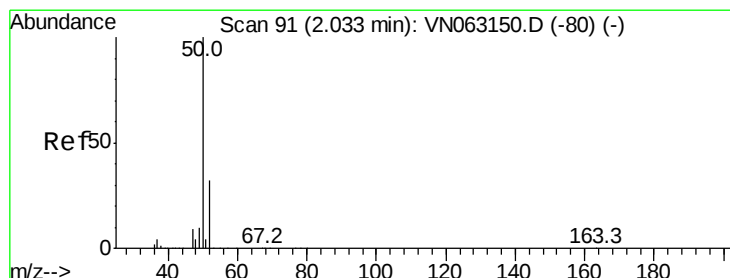
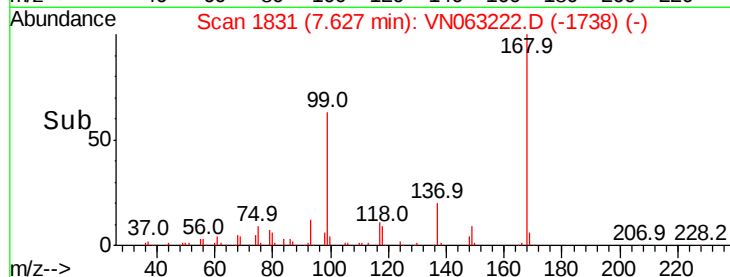
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.352 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063222.D

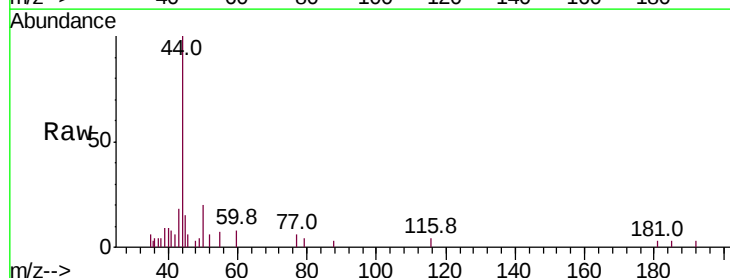
Acq: 3 Sep 2020 16:00

Tgt Ion: 50 Resp: 1480

Ion Ratio Lower Upper

50 100

52 28.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

1000

800

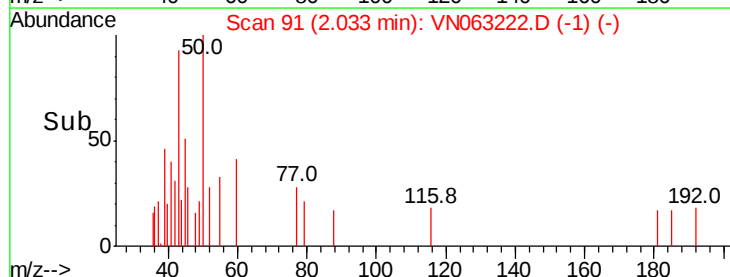
600

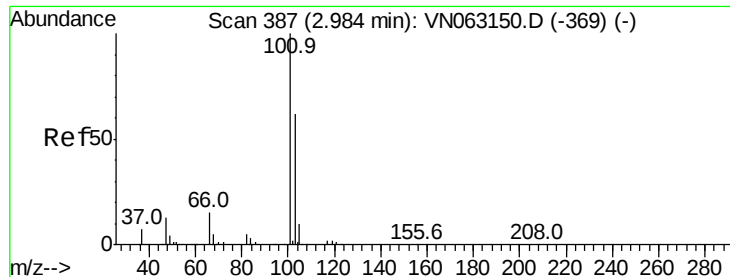
400

200

0

Time--> 2.00 2.02 2.04 2.06



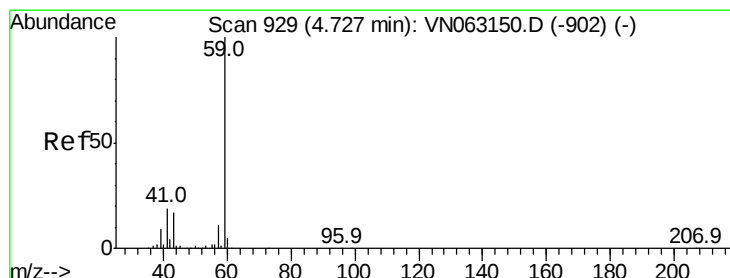
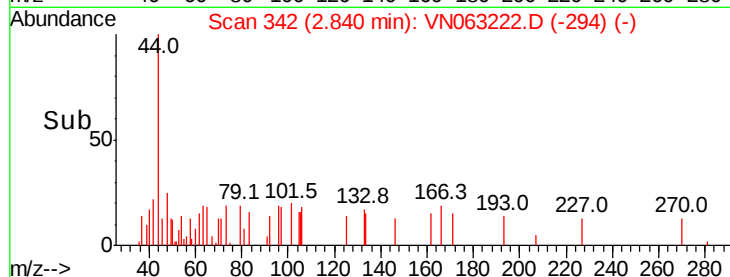
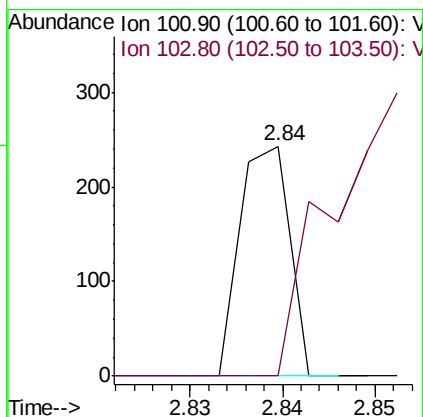
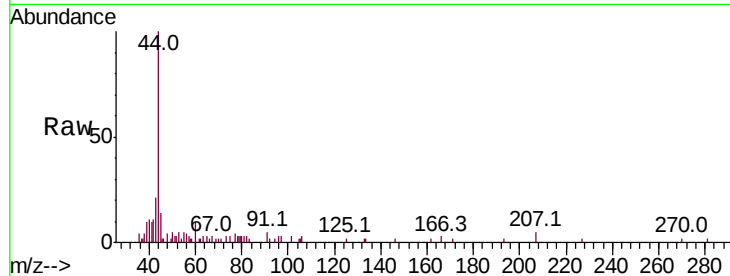


#7

Trichlorofluoromethane  
Concen: Below Cal  
RT: 2.84 min Scan# 342  
Delta R.T. -0.14 min  
Lab File: VN063222.D  
Acq: 3 Sep 2020 16:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB131386ZHE#11

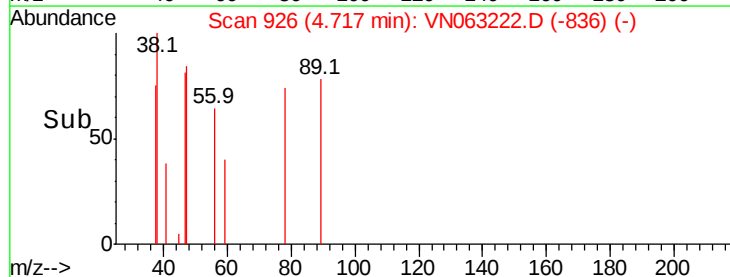
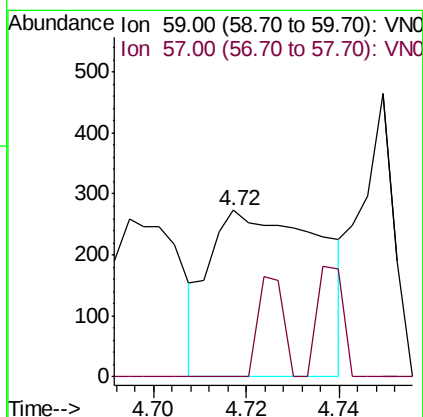
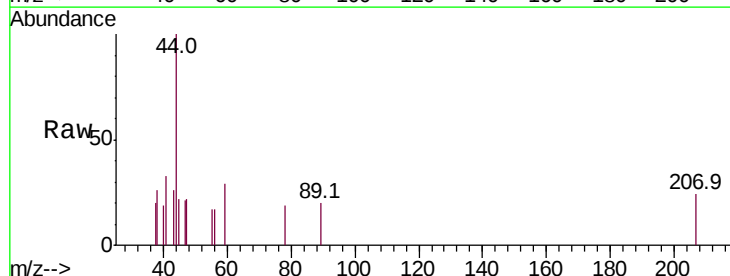
Tot Ion:101 Resp: 91  
Ion Ratio Lower Upper  
101 100  
103 0.0 49.7 74.5#

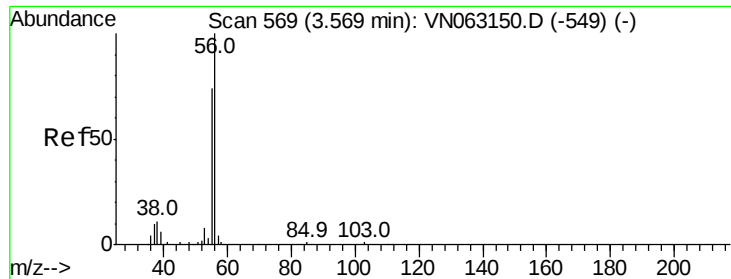


#11

Tert butyl alcohol  
Concen: 0.772 ug/l  
RT: 4.72 min Scan# 926  
Delta R.T. -0.01 min  
Lab File: VN063222.D  
Acq: 3 Sep 2020 16:00

Tgt Ion: 59 Resp: 454  
Ion Ratio Lower Upper  
59 100  
57 13.7 8.4 12.6#





#13

Acrolein

Concen: 16.339 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

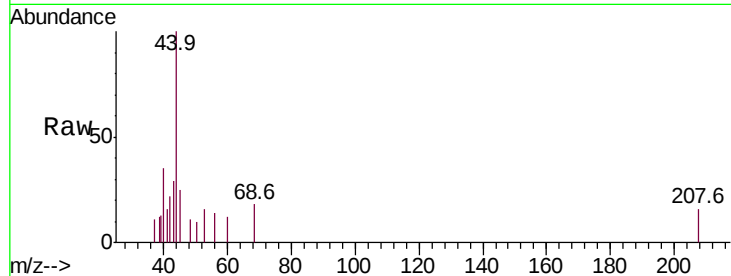
PB131386ZHE#11

Tot Ion: 56 Resp: 136

Ion Ratio Lower Upper

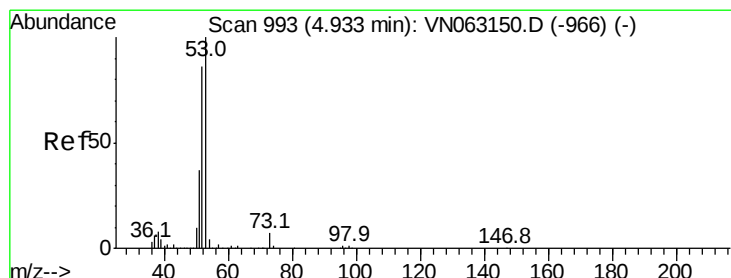
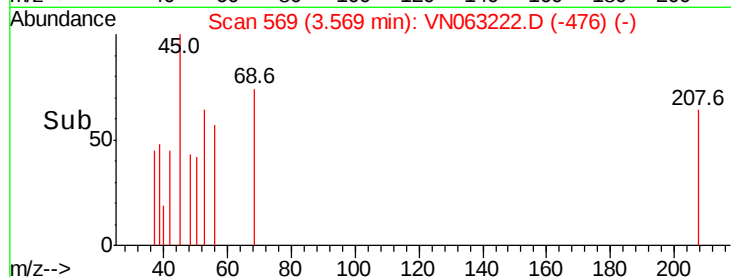
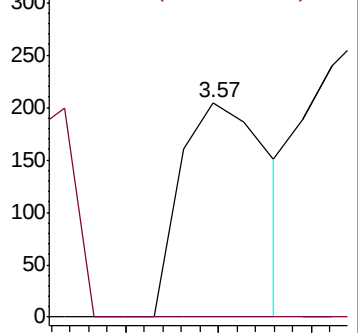
56 100

55 54.4 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VN063150.D (-549) (-)

Ion 55.00 (54.70 to 55.70): VN063150.D (-549) (-)



#15

Acrylonitrile

Concen: 2.517 ug/l

RT: 4.96 min Scan# 1000

Delta R.T. 0.02 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

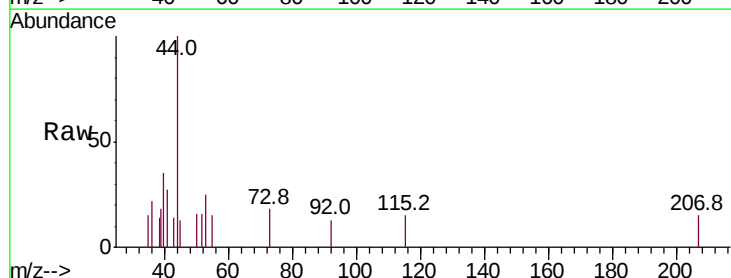
Tgt Ion: 53 Resp: 188

Ion Ratio Lower Upper

53 100

52 98.9 67.2 100.8

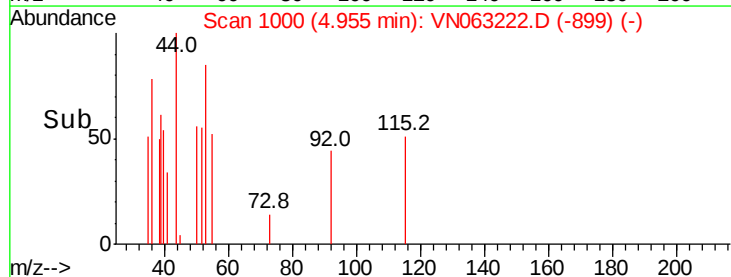
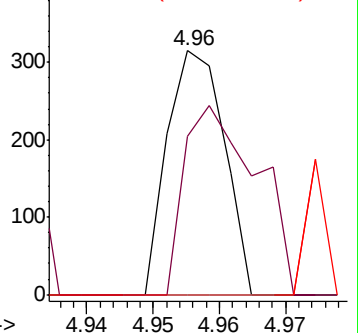
51 18.1 30.2 45.4#

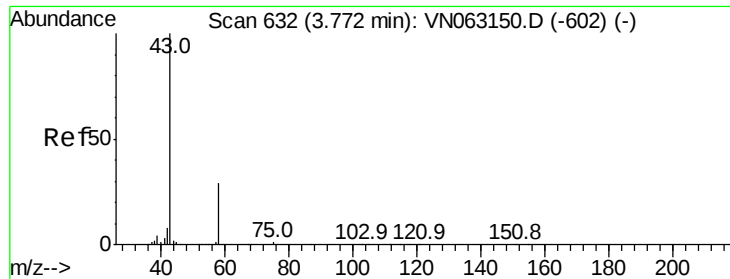


Abundance Ion 53.00 (52.70 to 53.70): VN063150.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN063150.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN063150.D (-966) (-)





#16

Acetone

Concen: 28.426 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

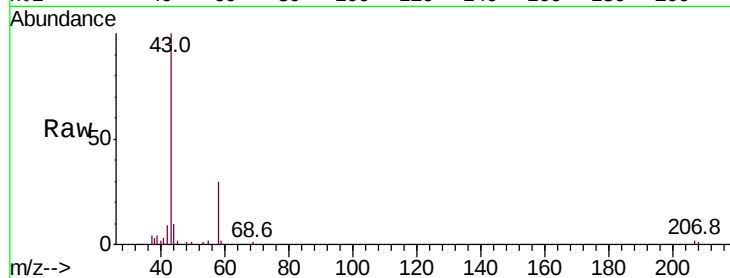
PB131386ZHE#11

Tot Ion: 43 Resp: 38701

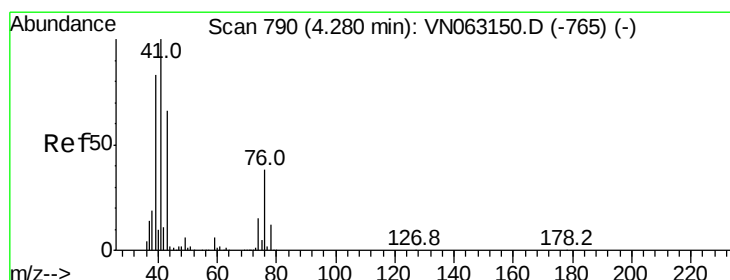
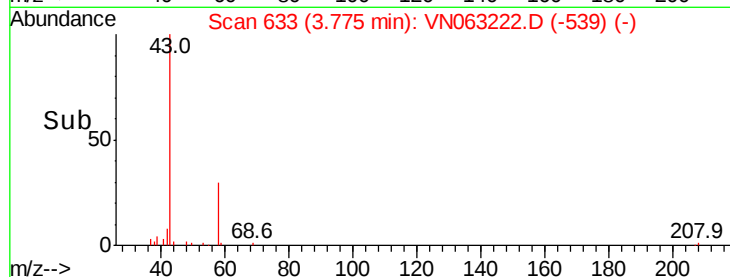
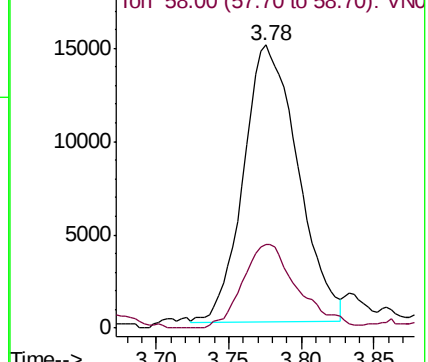
Ion Ratio Lower Upper

43 100

58 30.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-602) (-)



#18

Methyl Acetate

Concen: 0.608 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063222.D

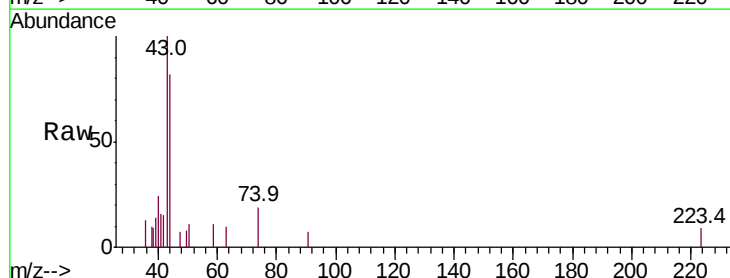
Acq: 3 Sep 2020 16:00

Tgt Ion: 43 Resp: 2123

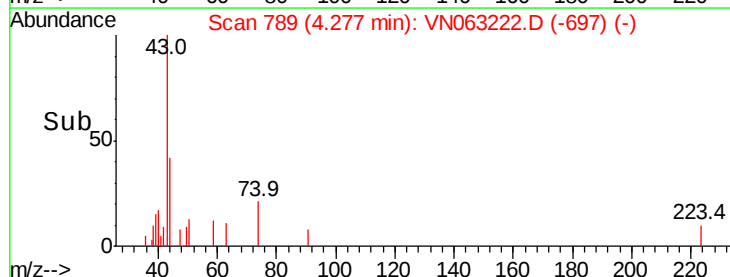
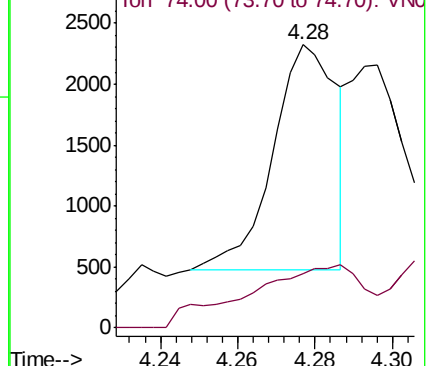
Ion Ratio Lower Upper

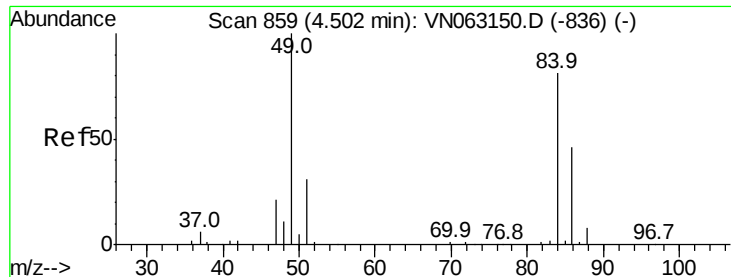
43 100

74 50.9 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-765) (-)

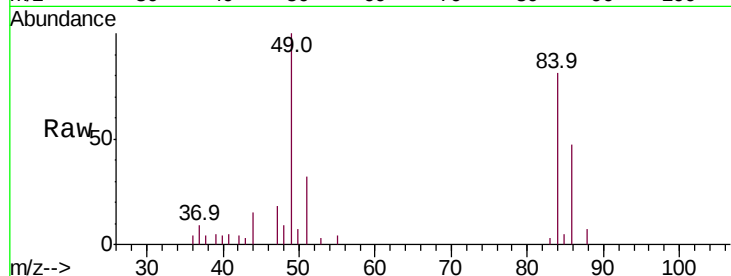




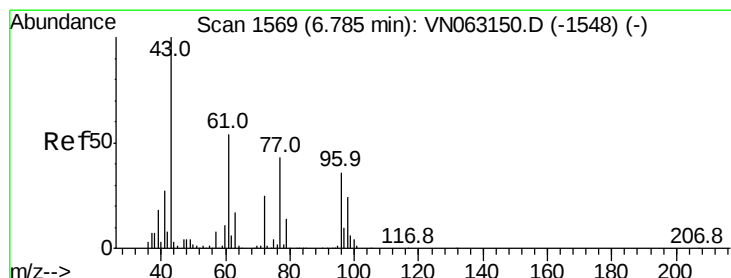
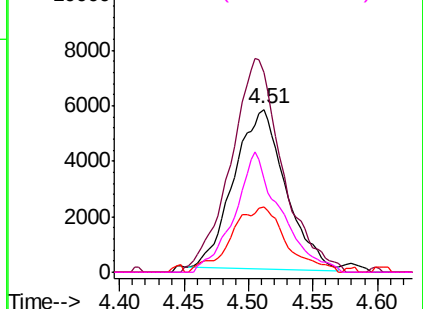
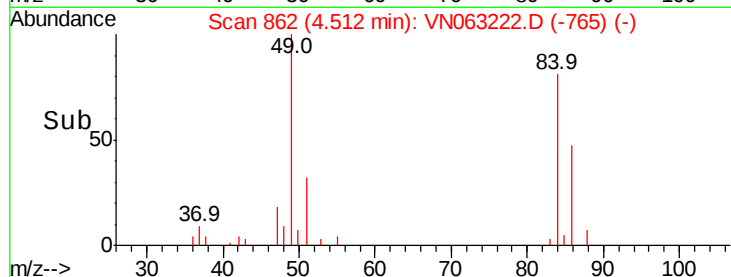
#20  
Methvlene Chloride  
Concen: 3.758 ug/l  
RT: 4.51 min Scan# 862  
Delta R.T. 0.01 min  
Lab File: VN063222.D  
Acq: 3 Sep 2020 16:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB131386ZHE#11

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 16128 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 122.8 | 98.4  | 147.6 |
| 51       | 41.1  | 30.4  | 45.6  |
| 86       | 59.8  | 45.7  | 68.5  |

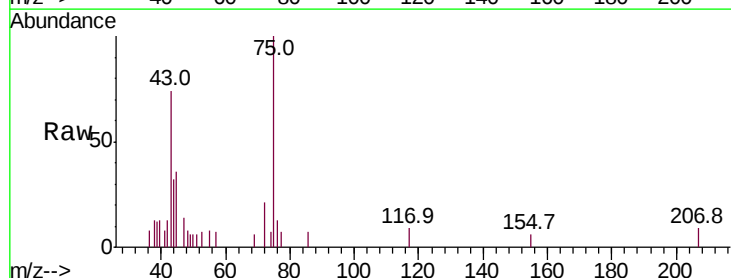


Abundance Ion 83.90 (83.60 to 84.60): VN063222.D (-836) (-)  
Ion 48.90 (48.60 to 49.60): VN063222.D (-836) (-)  
Ion 50.90 (50.60 to 51.60): VN063222.D (-836) (-)  
Ion 85.90 (85.60 to 86.60): VN063222.D (-836) (-)

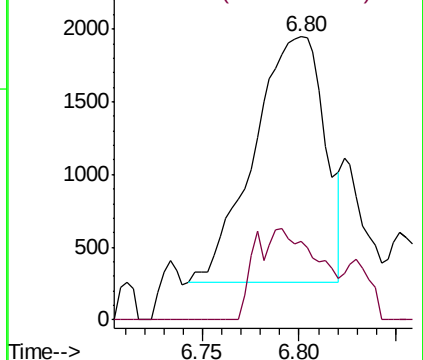
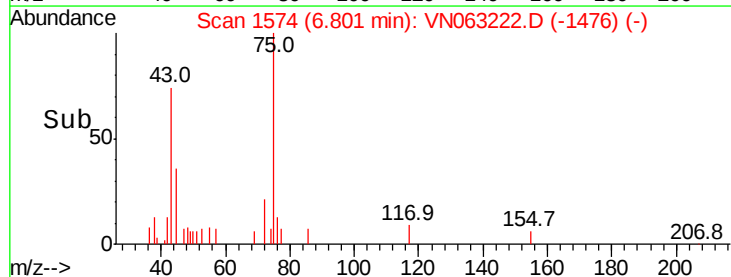


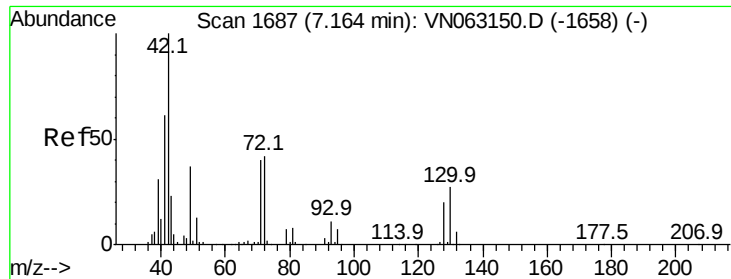
#25  
2-Butanone  
Concen: 2.045 ug/l  
RT: 6.80 min Scan# 1574  
Delta R.T. 0.02 min  
Lab File: VN063222.D  
Acq: 3 Sep 2020 16:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4312  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 32.1  | 20.2  | 30.4# |



Abundance Ion 43.00 (42.70 to 43.70): VN063222.D (-1476) (-)  
Ion 72.00 (71.70 to 72.70): VN063222.D (-1476) (-)





#29

Tetrahydrofuran

Concen: 0.547 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#11

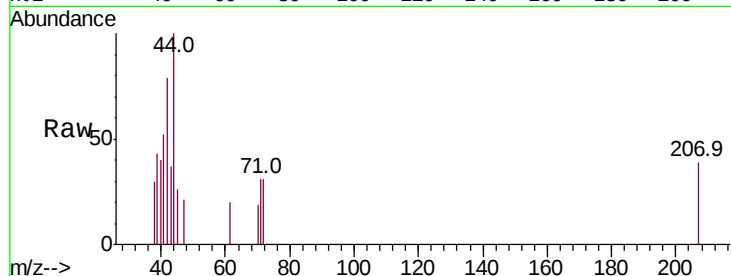
Tot Ion: 42 Resp: 797

Ion Ratio Lower Upper

42 100

72 0.0 33.9 50.9#

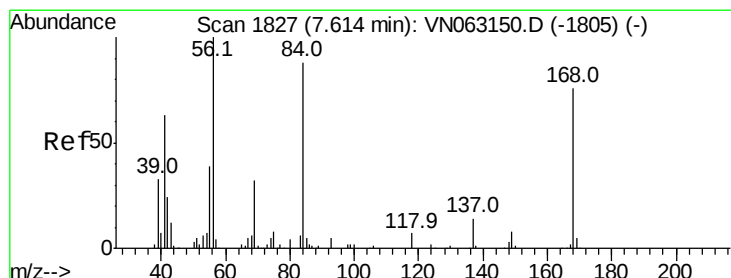
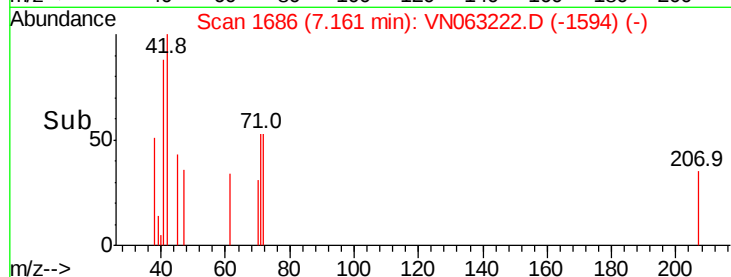
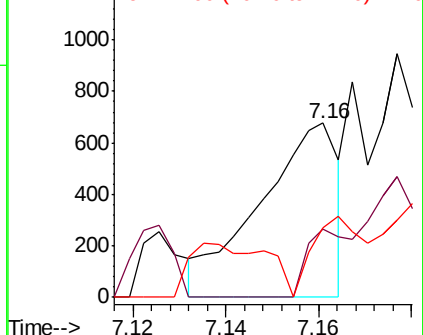
71 29.5 31.9 47.9#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

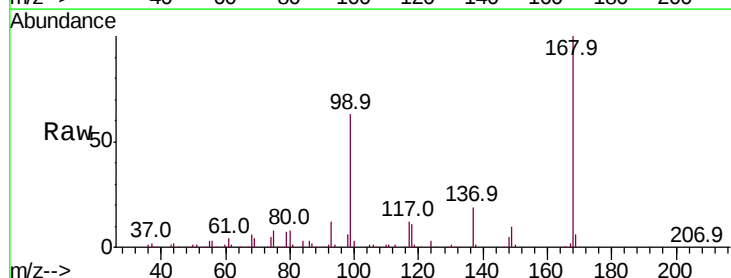
Tgt Ion: 56 Resp: 5061

Ion Ratio Lower Upper

56 100

69 127.3 25.4 38.0#

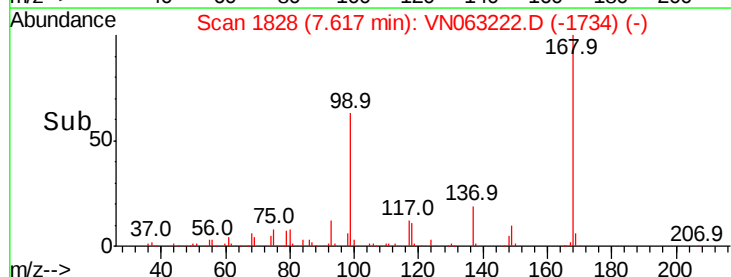
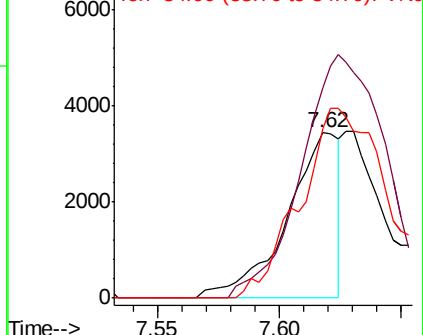
84 102.7 70.2 105.4

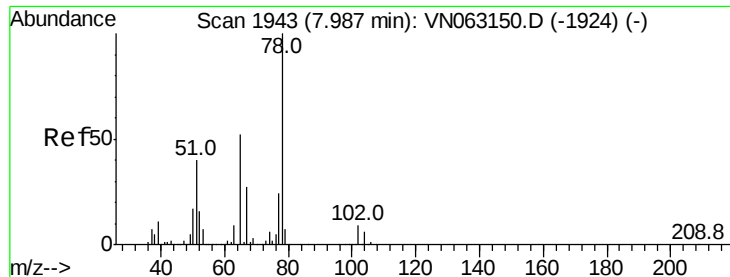


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.151 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

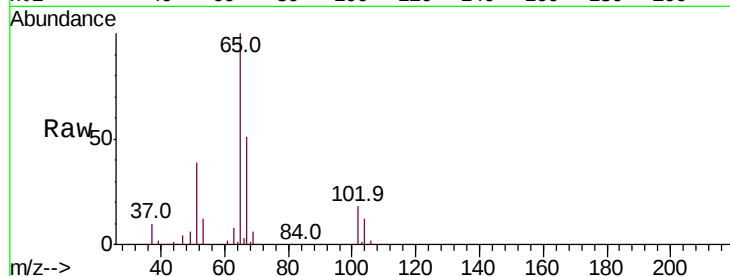
PB131386ZHE#11

Tot Ion: 65 Resp: 235401

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063150.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063150.D (-1924) (-)

7.99

120000

100000

80000

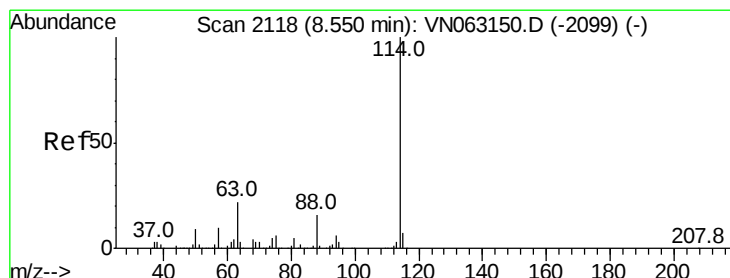
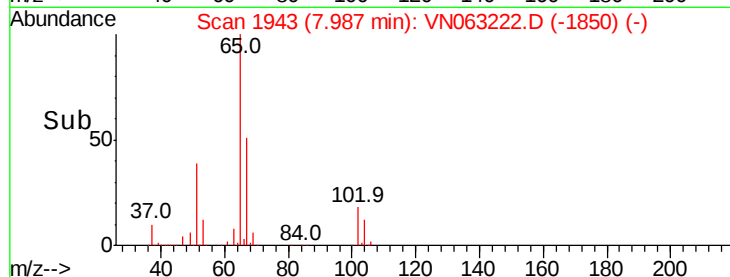
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

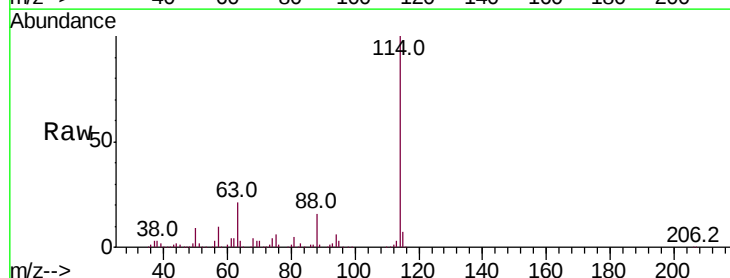
Tgt Ion:114 Resp: 577370

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.0

88 15.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063150.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN063150.D (-2099) (-)

Ion 87.90 (87.60 to 88.60): VN063150.D (-2099) (-)

8.55

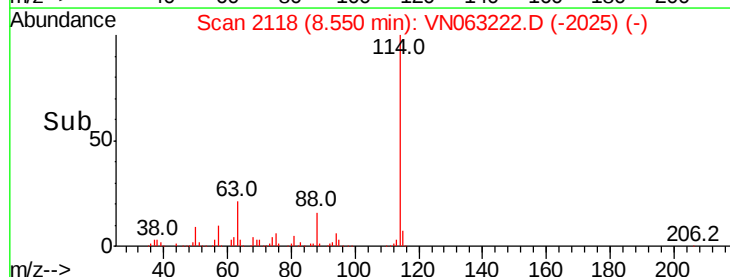
300000

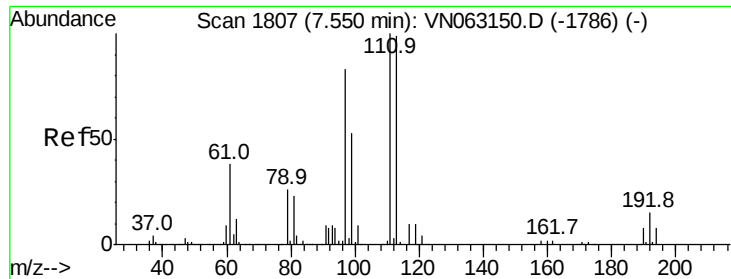
200000

100000

0

Time-->

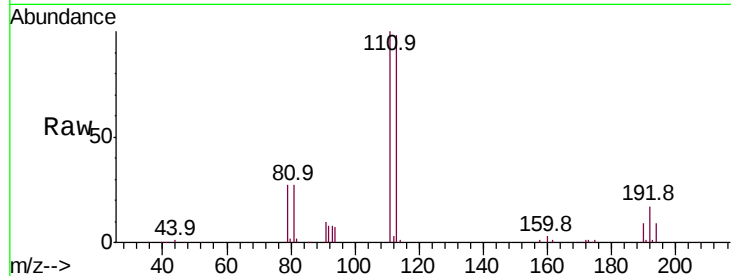




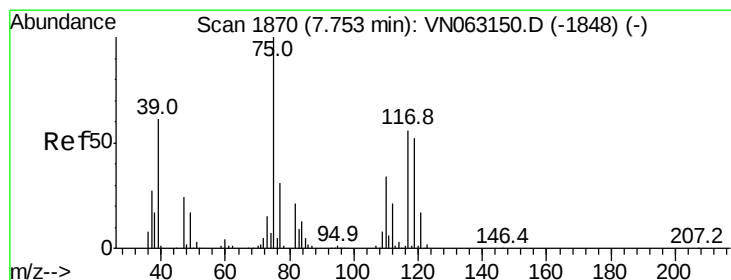
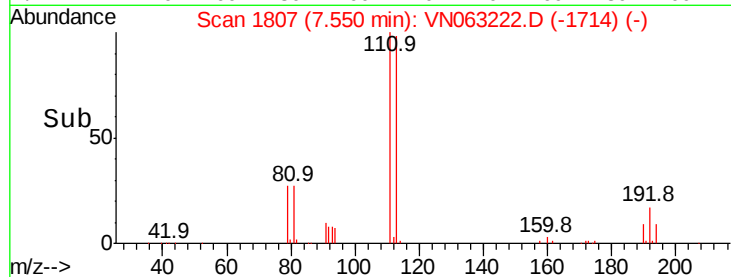
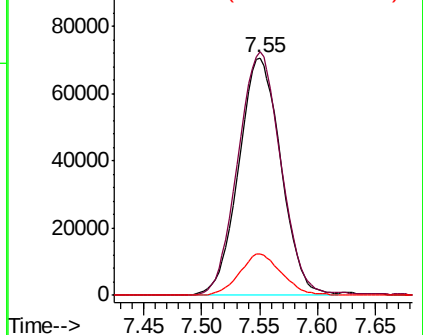
#35  
Dibromofluoromethane  
Concen: 48.280 ug/l  
RT: 7.55 min Scan# 1807  
Delta R.T. -0.00 min  
Lab File: VN063222.D  
Acq: 3 Sep 2020 16:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB131386ZHE#11

Tot Ion:113 Resp: 178835  
Ion Ratio Lower Upper  
113 100  
111 104.6 80.7 121.1  
192 17.3 12.6 19.0

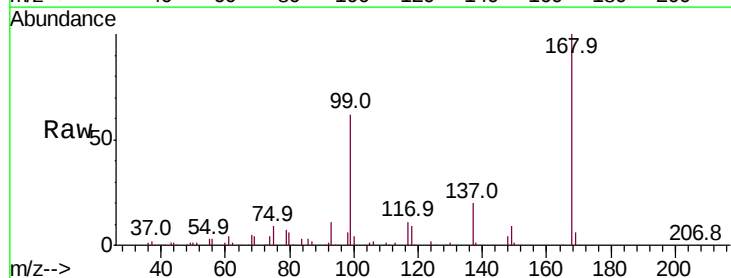


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

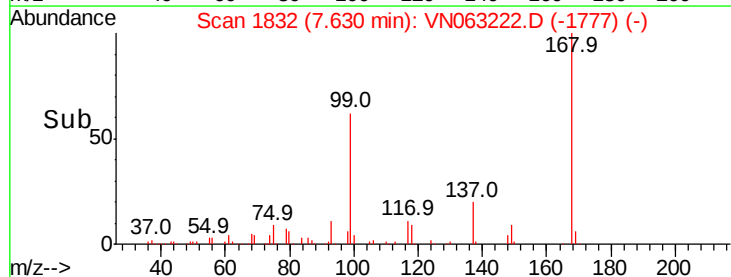
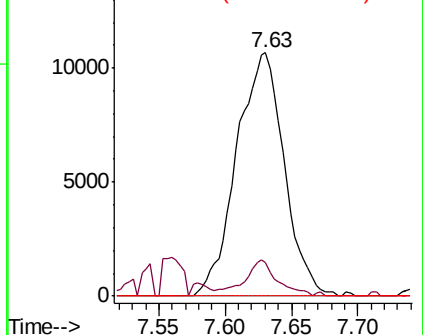


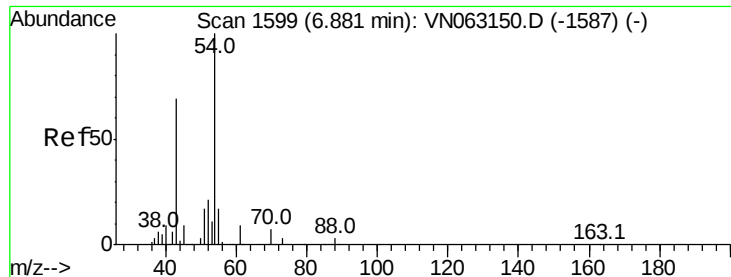
#36  
1,1-Dichloropropene  
Concen: 4.808 ug/l  
RT: 7.63 min Scan# 1832  
Delta R.T. -0.12 min  
Lab File: VN063222.D  
Acq: 3 Sep 2020 16:00

Tgt Ion: 75 Resp: 26685  
Ion Ratio Lower Upper  
75 100  
110 10.2 16.6 49.8#  
77 0.0 25.4 38.2#



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





#37

Ethyl Acetate

Concen: 0.444 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#11

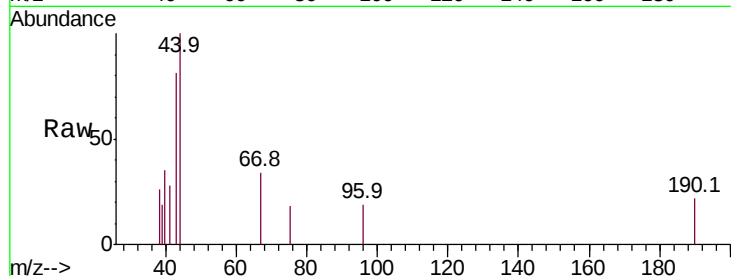
Tot Ion: 43 Resp: 336

Ion Ratio Lower Upper

43 100

61 23.8 10.2 15.4#

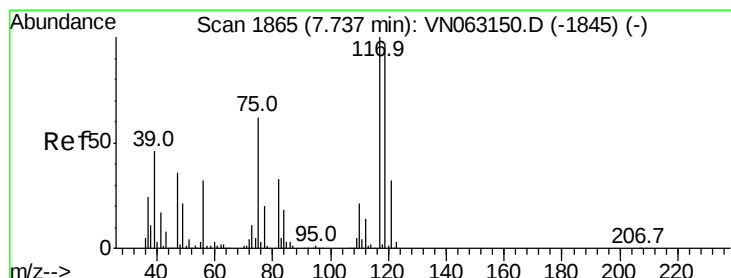
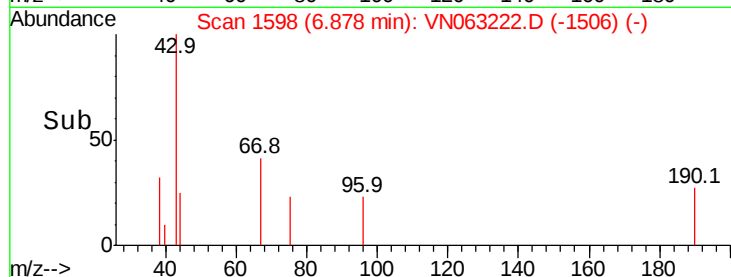
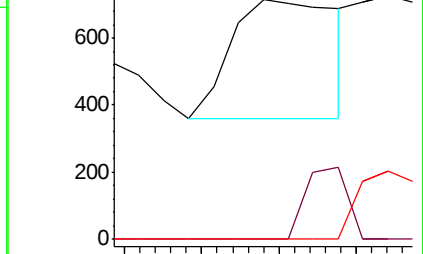
70 40.5 3.0 4.6#



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN063150.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN063150.D (-1587) (-)



#38

Carbon Tetrachloride

Concen: 5.781 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

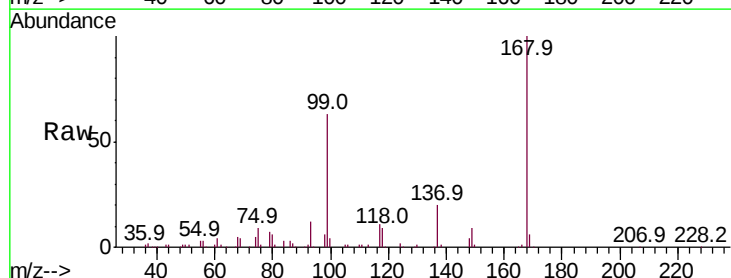
Tgt Ion: 117 Resp: 32541

Ion Ratio Lower Upper

117 100

119 3.5 77.2 115.8#

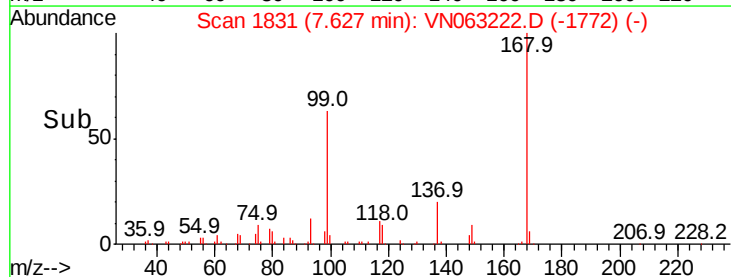
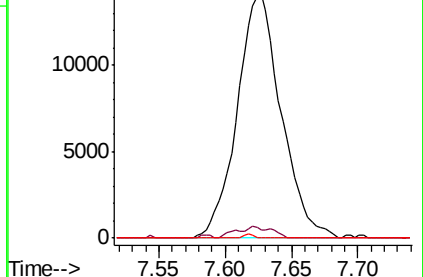
121 0.0 25.6 38.4#

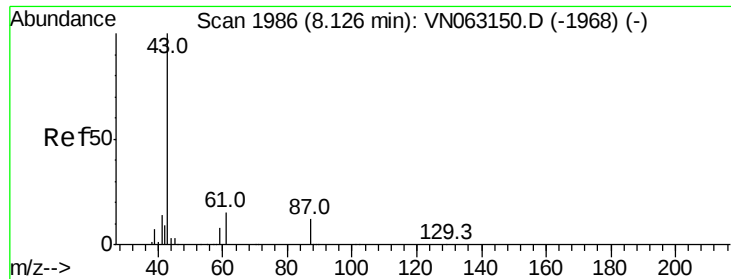


Abundance Ion 116.80 (116.50 to 117.50): VN063150.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063150.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063150.D (-1845) (-)





#43

Isopropyl Acetate

Concen: 10.425 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#11

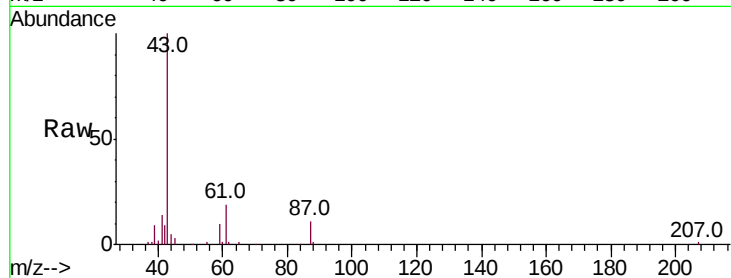
Tot Ion: 43 Resp: 94372

Ion Ratio Lower Upper

43 100

61 19.2 20.2 30.4#

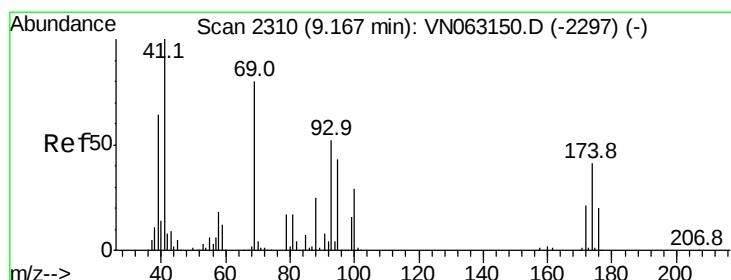
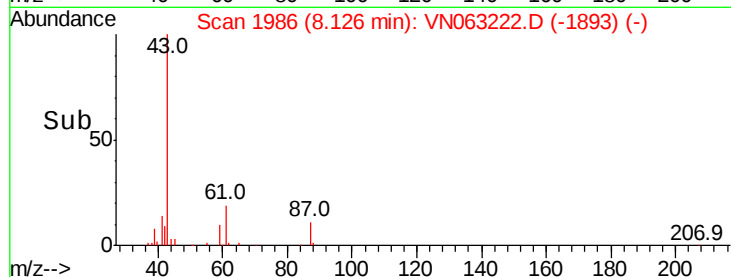
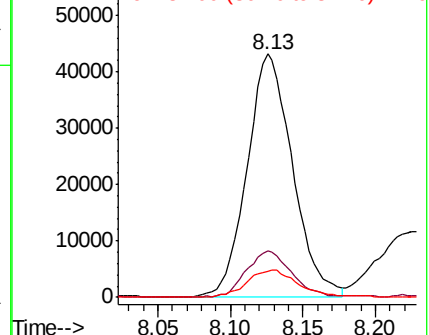
87 12.8 9.8 14.6



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: 1.333 ug/l

RT: 9.15 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

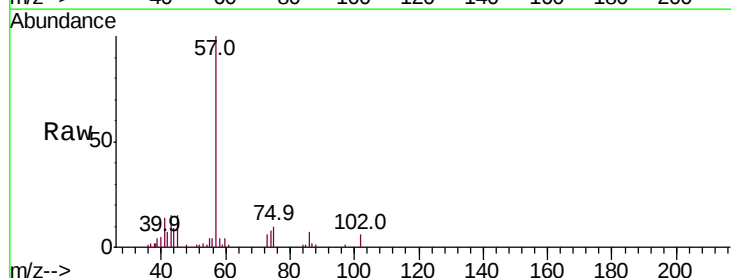
Tgt Ion: 41 Resp: 5438

Ion Ratio Lower Upper

41 100

69 0.0 65.9 98.9#

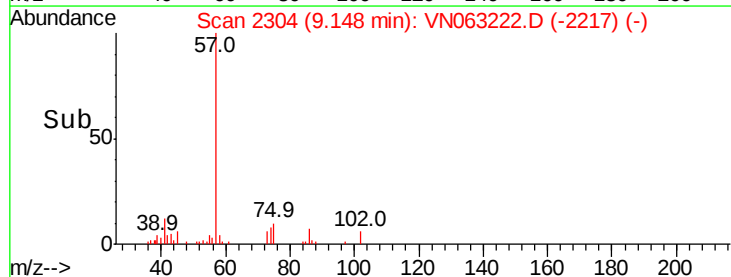
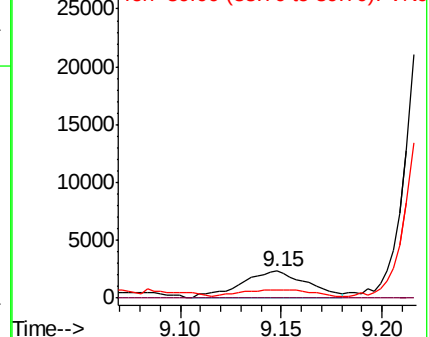
39 0.0 52.0 78.0#

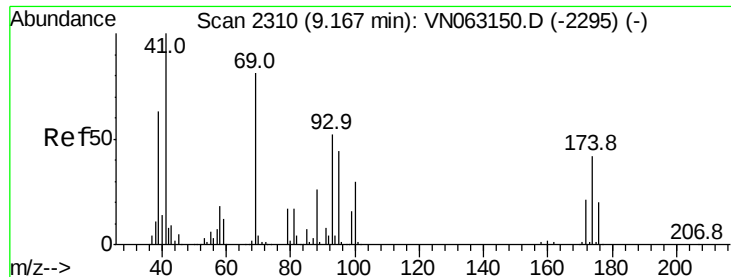


Abundance Ion 41.00 (40.70 to 41.70): VN063150.D (-2297) (-)

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

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

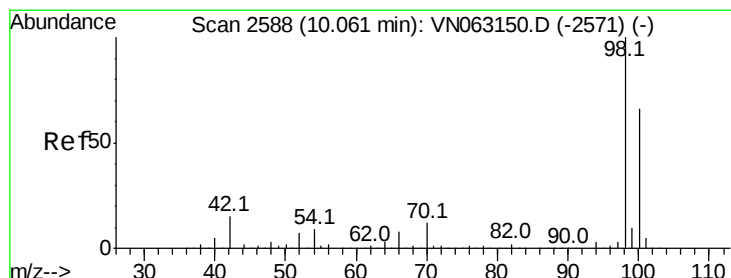
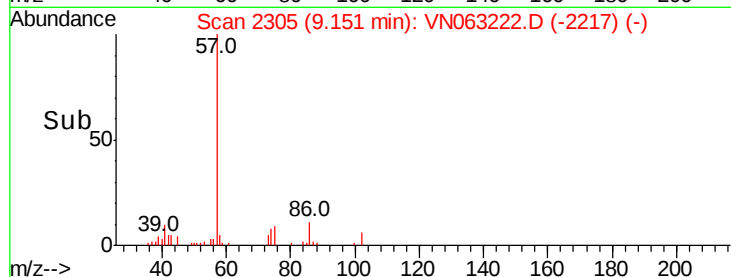
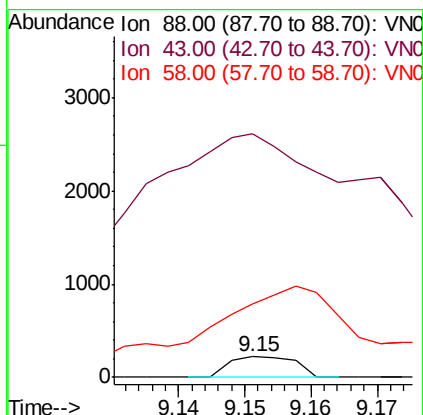
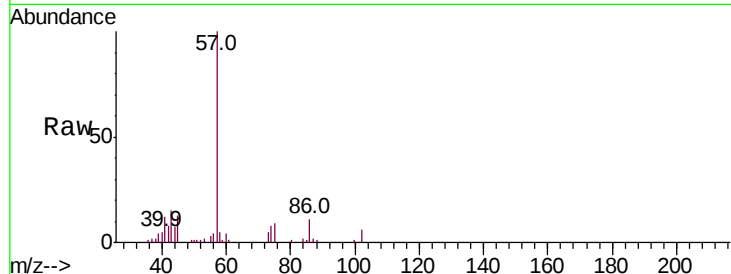




#49  
1,4-Dioxane  
Concen: 2.440 ug/l  
RT: 9.15 min Scan# 2305  
Delta R.T. -0.02 min  
Lab File: VN063222.D  
Acq: 3 Sep 2020 16:00

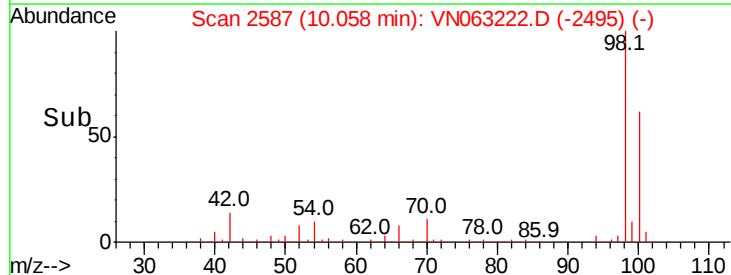
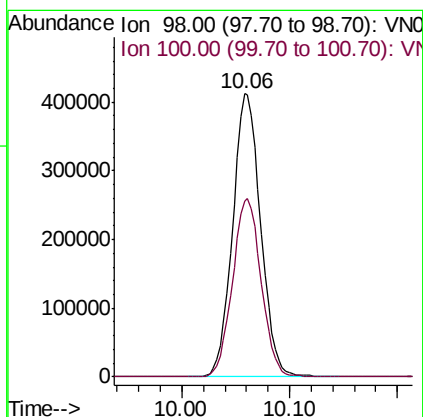
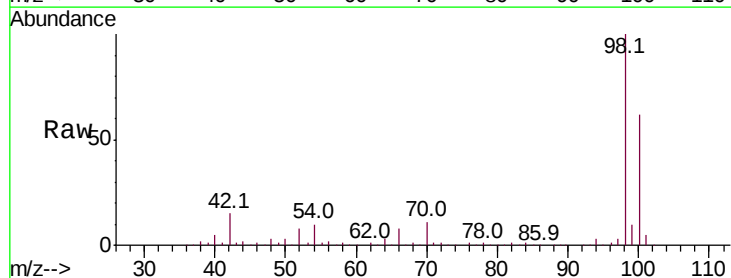
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB131386ZHE#11

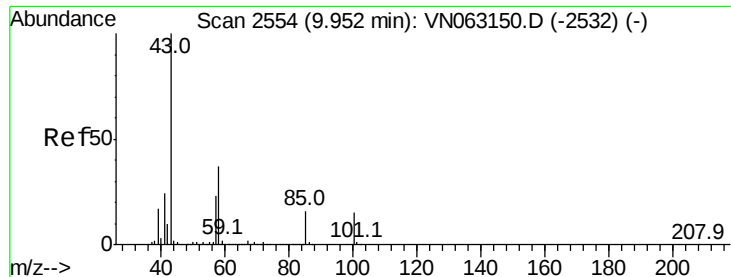
Tot Ion: 88 Resp: 154  
Ion Ratio Lower Upper  
88 100  
43 0.0 28.6 42.8#  
58 1209.7 53.2 79.8#



#50  
Toluene-d8  
Concen: 52.360 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN063222.D  
Acq: 3 Sep 2020 16:00

Tgt Ion: 98 Resp: 746514  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 2.086 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

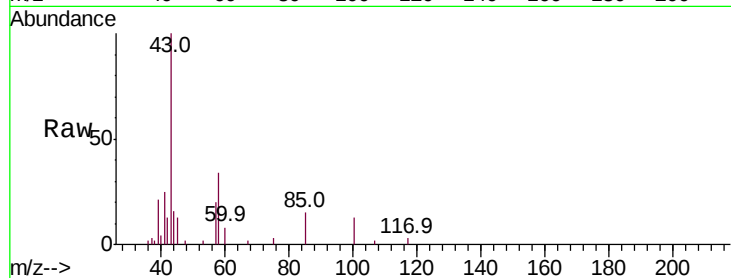
PB131386ZHE#11

Tot Ion: 43 Resp: 10263

Ion Ratio Lower Upper

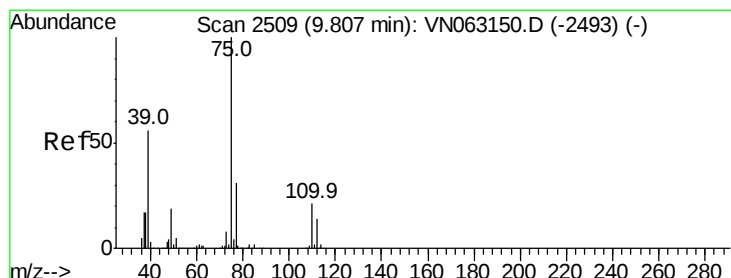
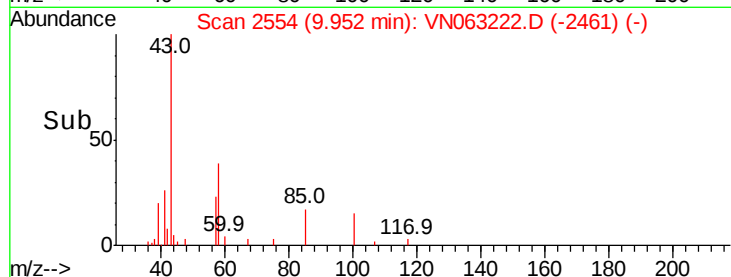
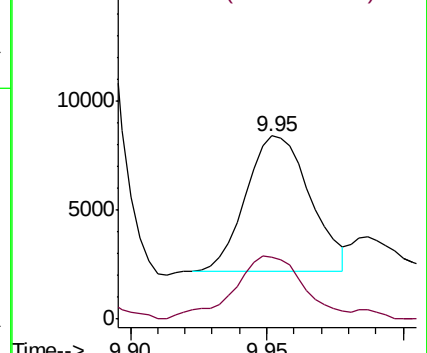
43 100

58 50.3 29.2 43.8#



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)



#54

cis-1,3-Dichloropropene

Concen: 5.909 ug/l

RT: 9.87 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

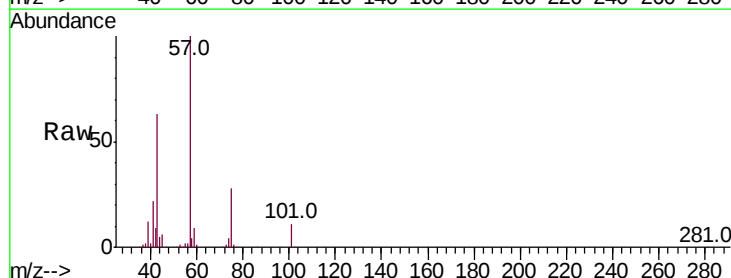
Tgt Ion: 75 Resp: 41620

Ion Ratio Lower Upper

75 100

77 1.0 24.8 37.2#

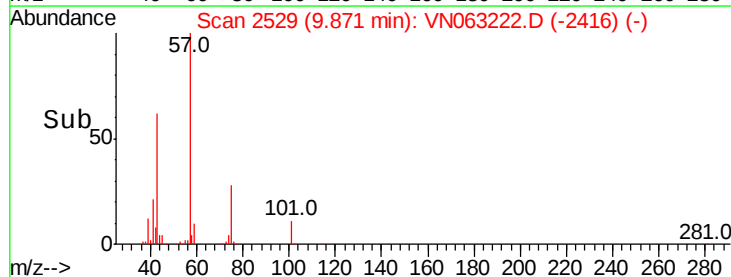
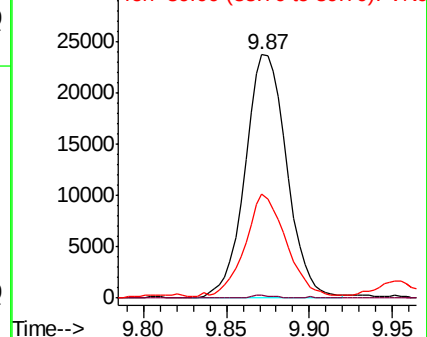
39 41.9 45.0 67.6#

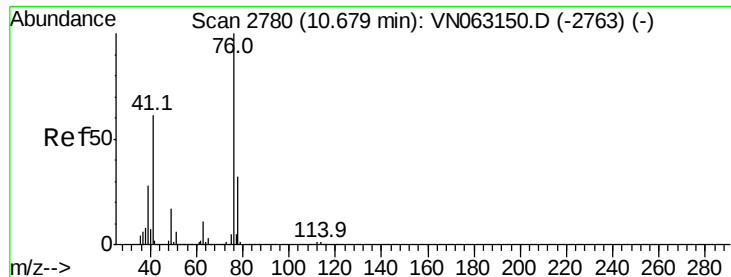


Abundance Ion 74.90 (74.60 to 75.60): VN063150.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN063150.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN063150.D (-2493) (-)





#57

1,3-Dichloropropane

Concen: 1.040 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

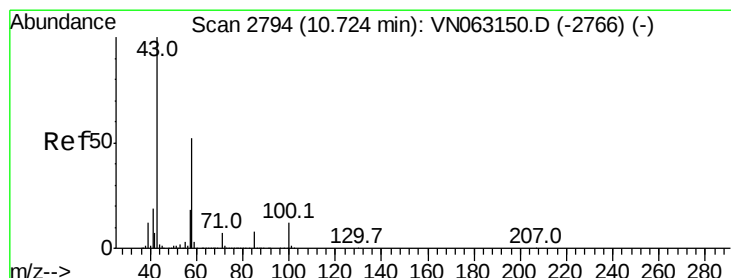
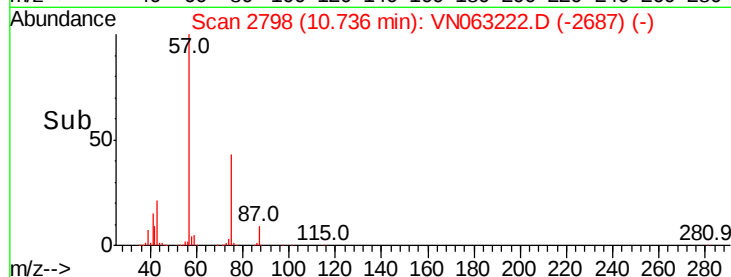
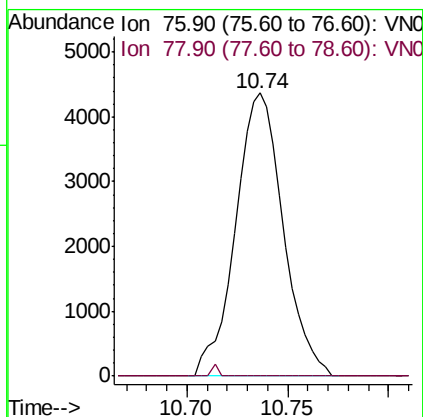
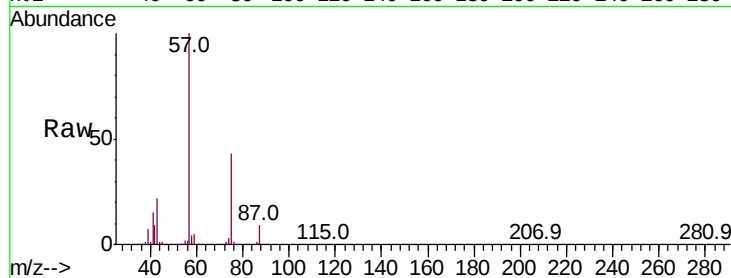
PB131386ZHE#11

Tot Ion: 76 Resp: 7211

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#59

2-Hexanone

Concen: 29.774 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.01 min

Lab File: VN063222.D

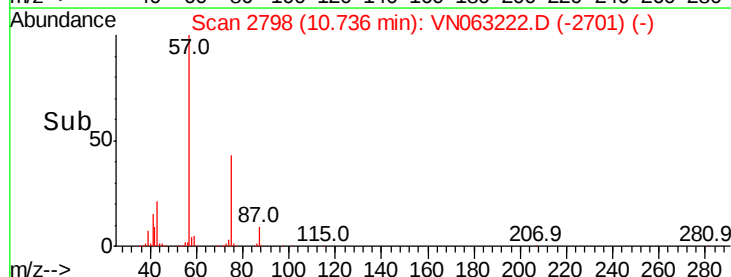
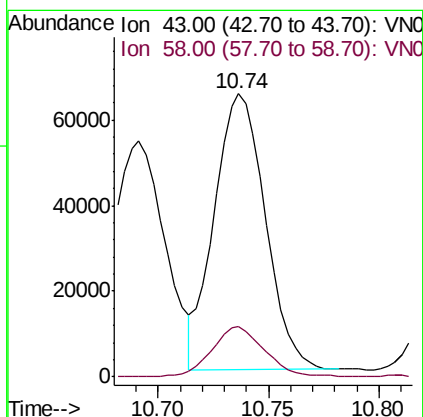
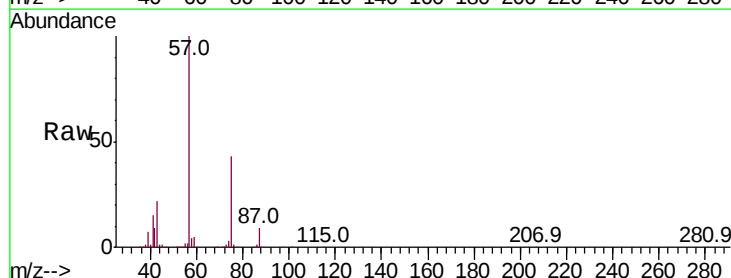
Acq: 3 Sep 2020 16:00

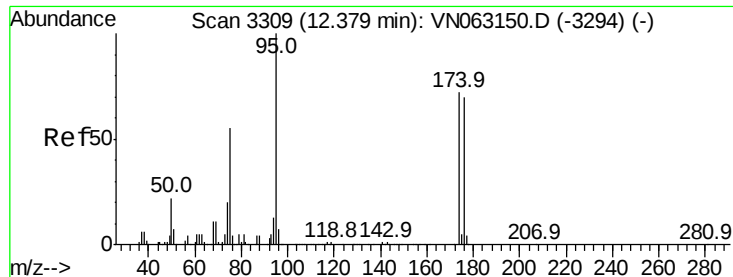
Tgt Ion: 43 Resp: 102929

Ion Ratio Lower Upper

43 100

58 19.2 25.9 77.8#





#62

4-Bromofluorobenzene

Concen: 51.915 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#11

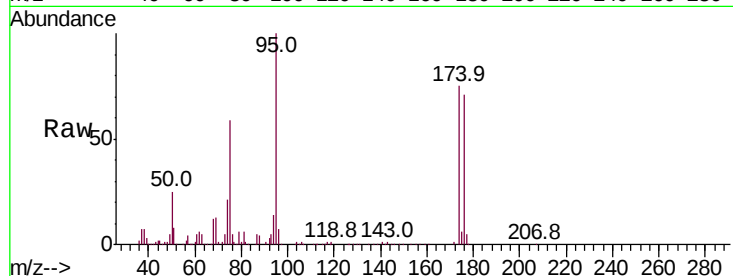
Tot Ion: 95 Resp: 258913

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.8

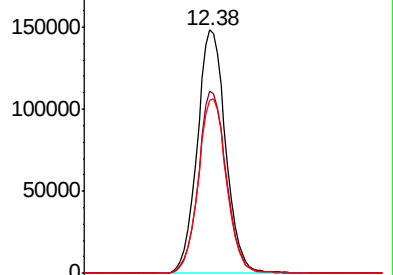
176 71.1 0.0 138.4



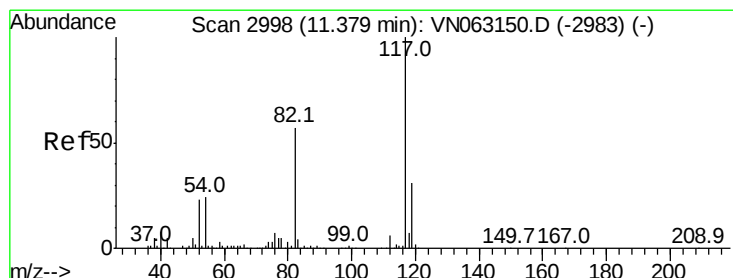
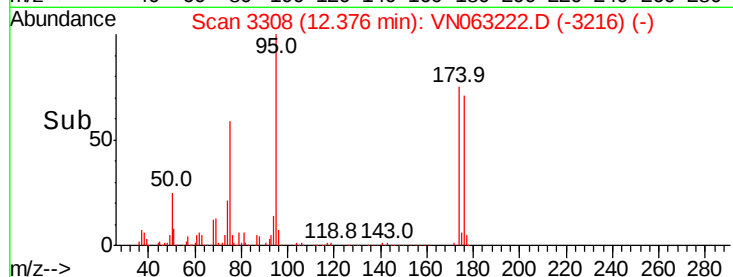
Abundance Ion 94.90 (94.60 to 95.60): VN063150.D (-3294) (-)

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

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



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

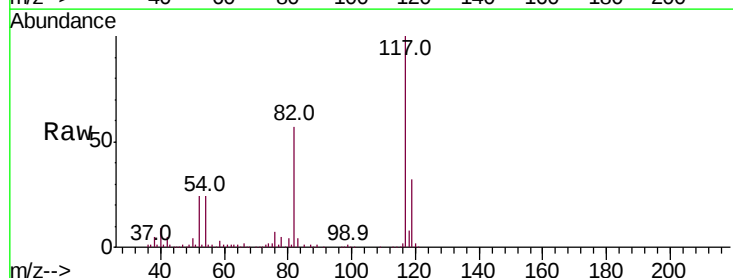
Tgt Ion: 117 Resp: 587046

Ion Ratio Lower Upper

117 100

82 56.5 45.4 68.0

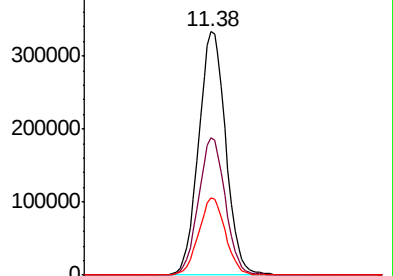
119 31.6 24.6 37.0



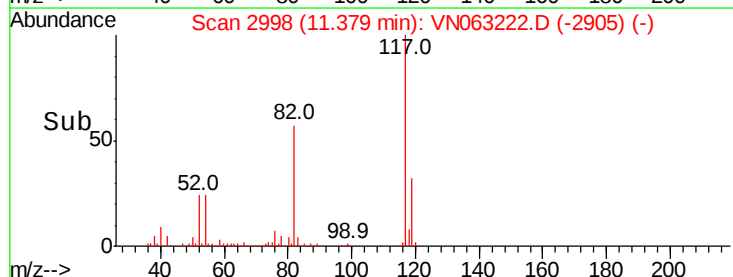
Abundance Ion 116.90 (116.60 to 117.60): VN063150.D (-2983) (-)

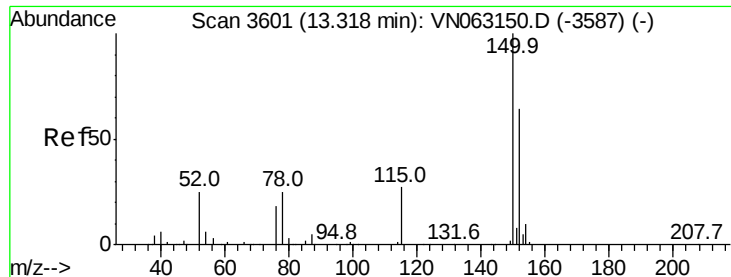
Ion 82.00 (81.70 to 82.70): VN063150.D (-2983) (-)

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



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#11

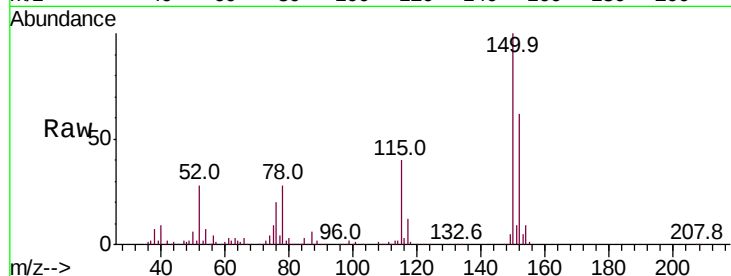
Tot Ion:152 Resp: 219716

Ion Ratio Lower Upper

152 100

115 63.4 32.0 96.2

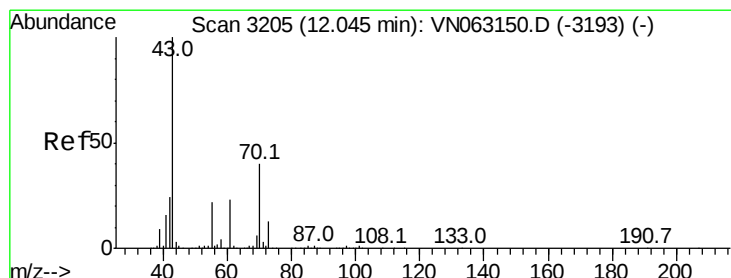
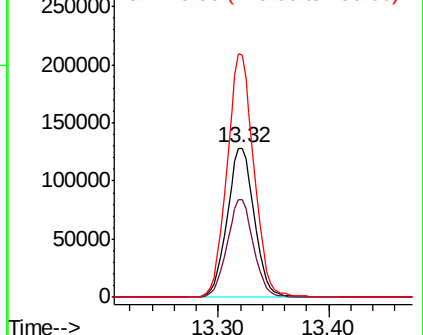
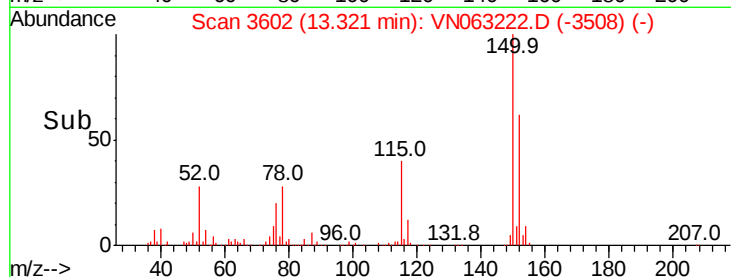
150 160.3 0.0 353.0



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: 0.649 ug/l

RT: 12.01 min Scan# 3195

Delta R.T. -0.03 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Tgt Ion: 43 Resp: 4527

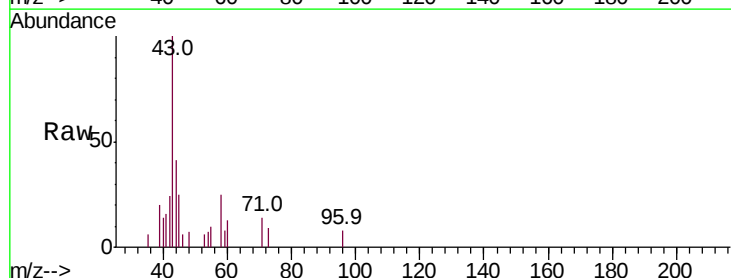
Ion Ratio Lower Upper

43 100

70 0.0 32.1 48.1#

55 14.8 17.4 26.0#

61 0.0 18.6 27.8#

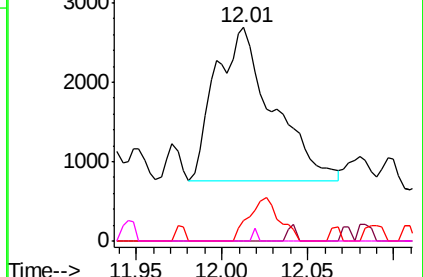
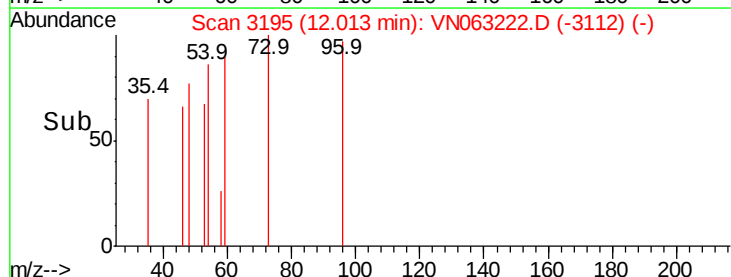


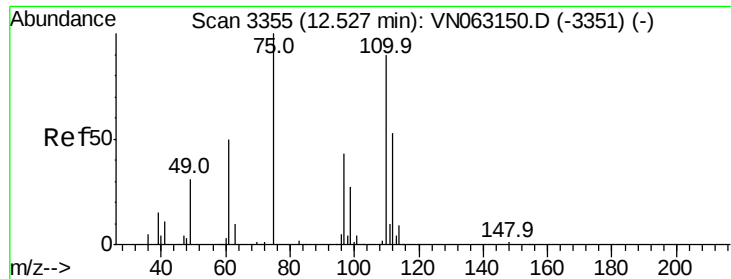
Abundance Ion 43.00 (42.70 to 43.70): VN0

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

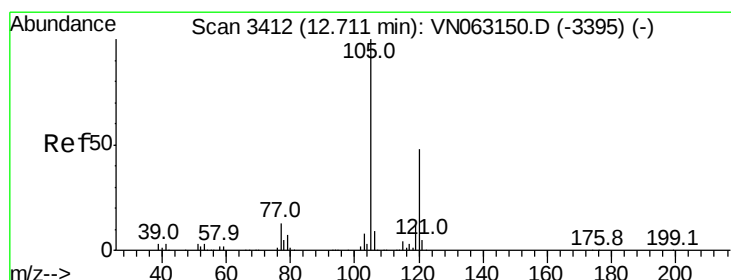
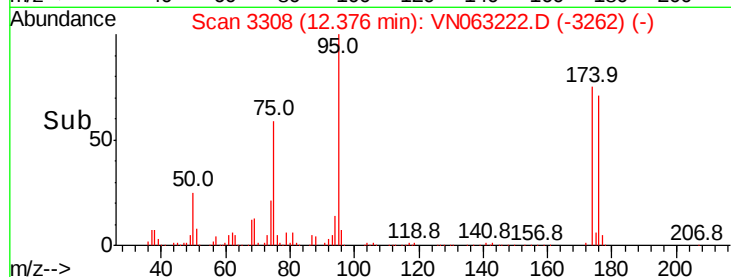
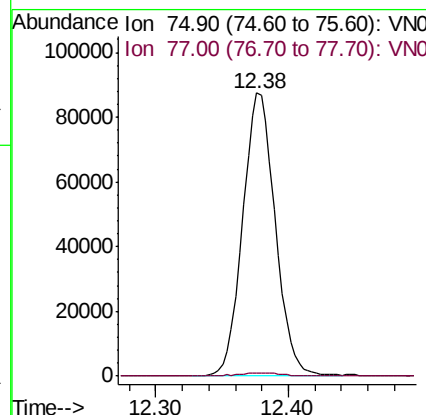
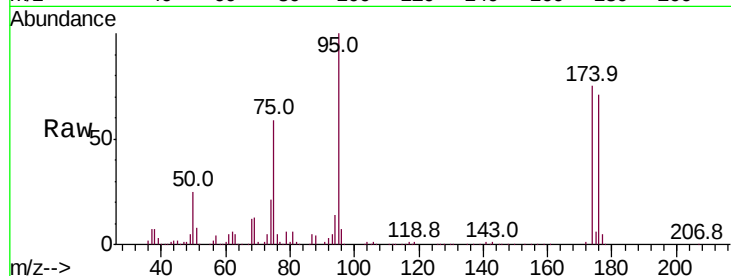




#76  
 1,2,3-Trichloropropane  
 Concen: 34.585 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. -0.15 min  
 Lab File: VN063222.D  
 Acq: 3 Sep 2020 16:00

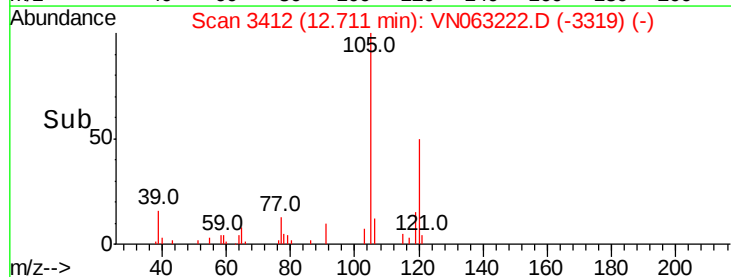
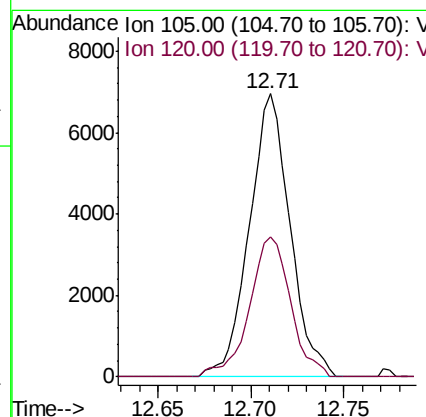
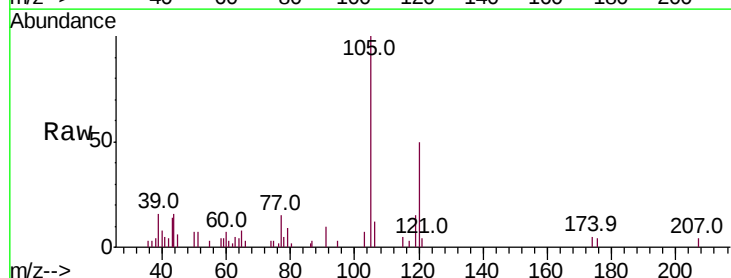
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB131386ZHE#11

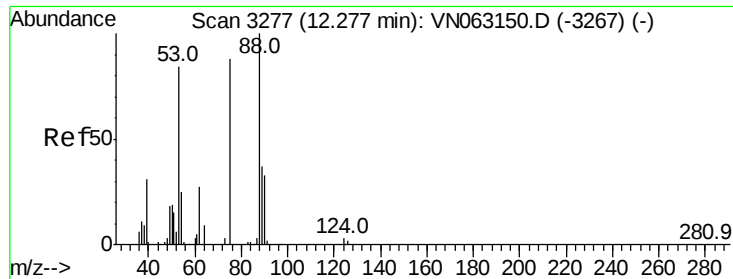
Tot Ion: 75 Resp: 149304  
 Ion Ratio Lower Upper  
 75 100  
 77 1.4 0.0 0.0#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.756 ug/l  
 RT: 12.71 min Scan# 3412  
 Delta R.T. -0.00 min  
 Lab File: VN063222.D  
 Acq: 3 Sep 2020 16:00

Tgt Ion: 105 Resp: 10602  
 Ion Ratio Lower Upper  
 105 100  
 120 49.9 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 83.593 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063222.D

Acq: 3 Sep 2020 16:00

Instrument :

MSVOA\_N

ClientSampleId :

PB131386ZHE#11

Tot Ion: 75 Resp: 149304

Ion Ratio Lower Upper

75 100

53 0.0 78.7 118.1#

89 0.0 35.3 52.9#

