

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN081920\NOT REVIEWED DATA\  
 Data File : VN063011.D  
 Acq On : 19 Aug 2020 14:15  
 Operator : JC/MD  
 Sample : L3718-04  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB181-DUP-20200812

Quant Time: Aug 19 17:34:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 06:09:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 147702   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 244651   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 253171   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 92762    | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 92461    | 52.82 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.64% |      |
| 35) Dibromofluoromethane    | 7.55   | 113 | 82108    | 51.51 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.02% |      |
| 50) Toluene-d8              | 10.06  | 98  | 314599   | 51.38 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.76% |      |
| 62) 4-Bromofluorobenzene    | 12.38  | 95  | 105356   | 48.76 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.52%  |      |

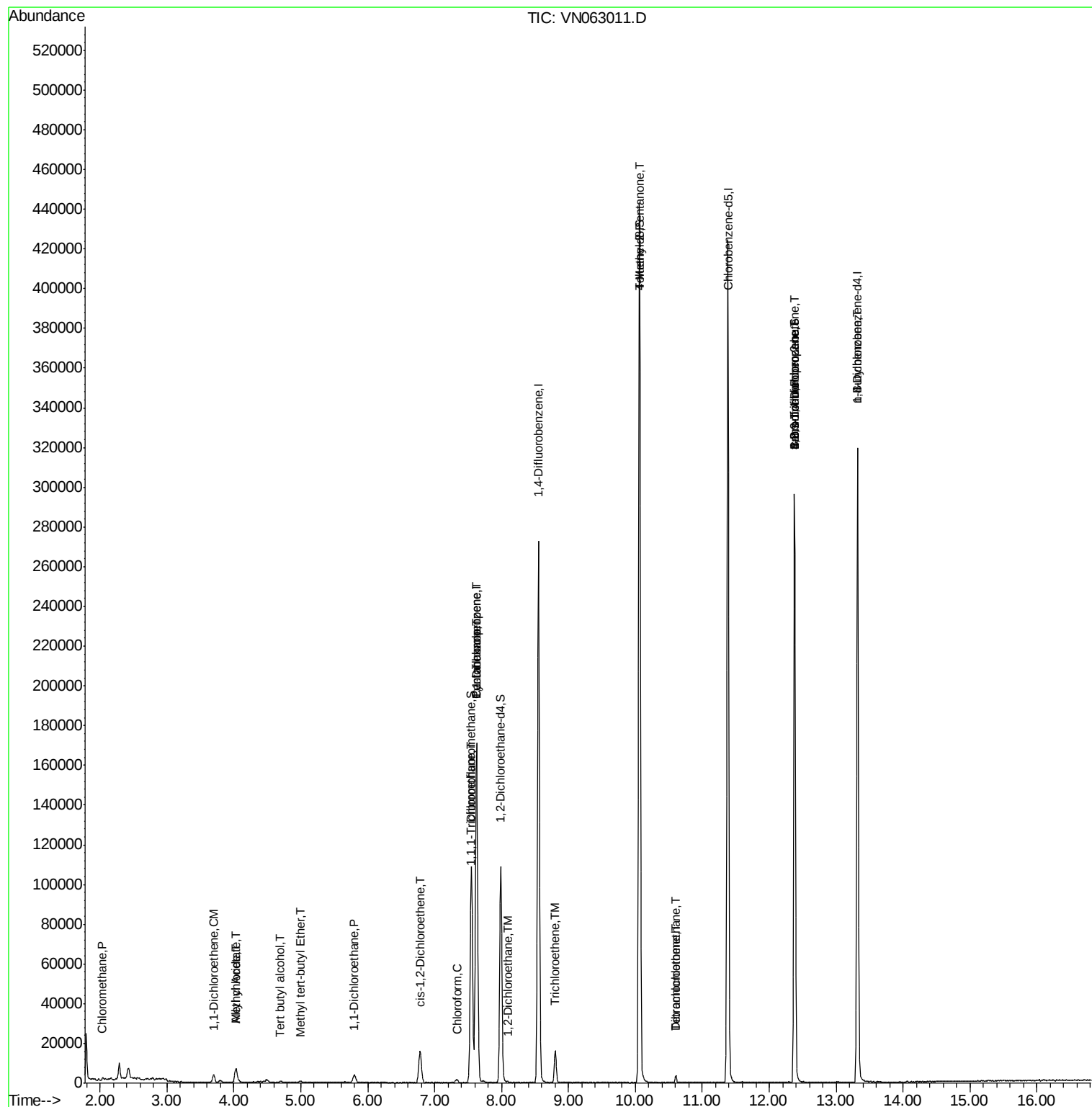
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 2.03  | 50   | 809      | 0.399     | ug/l # | 87     |
| 11) Tert butyl alcohol         | 4.70  | 59   | 353      | 1.424     | ug/l # | 74     |
| 12) 1,1-Dichloroethene         | 3.70  | 96   | 2366     | 1.887     | ug/l   | 91     |
| 14) Allyl chloride             | 4.03  | 41   | 1101     | 0.498     | ug/l # | 66     |
| 16) Acetone                    | 3.79  | 43   | 1949     | Below Cal | #      | 85     |
| 18) Methyl Acetate             | 4.02  | 43   | 1678     | 0.965     | ug/l # | 52     |
| 19) Methyl tert-butyl Ether    | 4.99  | 73   | 1054     | 0.241     | ug/l # | 53     |
| 20) Methylene Chloride         | 4.51  | 84   | 358      | Below Cal | #      | 51     |
| 24) 1,1-Dichloroethane         | 5.80  | 63   | 7391     | 2.637     | ug/l # | 93     |
| 27) cis-1,2-Dichloroethene     | 6.78  | 96   | 9824     | 5.974     | ug/l   | 89     |
| 30) Chloroform                 | 7.32  | 83   | 1121     | 0.397     | ug/l   | 93     |
| 31) Cyclohexane                | 7.63  | 56   | 2458     | 0.953     | ug/l # | 1      |
| 32) 1,1,1-Trichloroethane      | 7.53  | 97   | 2939     | 1.275     | ug/l # | 49     |
| 36) 1,1-Dichloropropene        | 7.63  | 75   | 10502    | 4.871     | ug/l # | 48     |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 527      | 0.230     | ug/l # | 75     |
| 44) Trichloroethene            | 8.80  | 130  | 6417     | 3.773     | ug/l   | 95     |
| 51) 4-Methyl-2-Pentanone       | 10.06 | 43   | 1118     | 0.528     | ug/l # | 1      |
| 60) Dibromochloromethane       | 10.60 | 129  | 888      | 0.455     | ug/l # | 11     |
| 64) Tetrachloroethene          | 10.61 | 164  | 951      | 0.571     | ug/l   | 90     |
| 71) Bromoform                  | 12.38 | 173  | 1071     | 0.680     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75   | 49456    | 27.429    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 49456    | 75.331    | ug/l # | 15     |
| 89) n-Butylbenzene             | 13.32 | 91   | 130      | 2.795     | ug/l # | 34     |

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

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Quant Title : SW846 8260  
QLast Update : Wed Aug 19 06:09:27 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

Instrument :

MSVOA\_N

ClientSampleId :

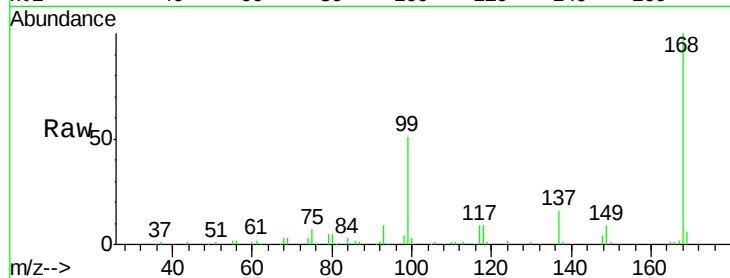
BP-VPB181-DUP-20200812

Tgt Ion:168 Resp: 147702

Ion Ratio Lower Upper

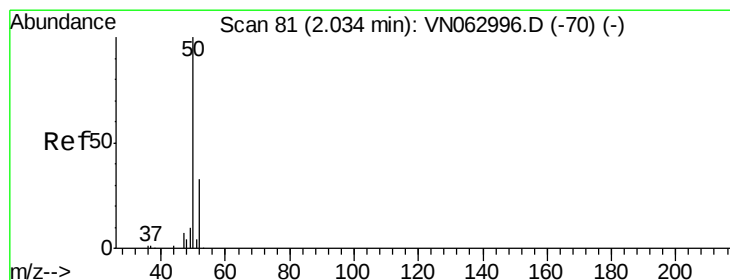
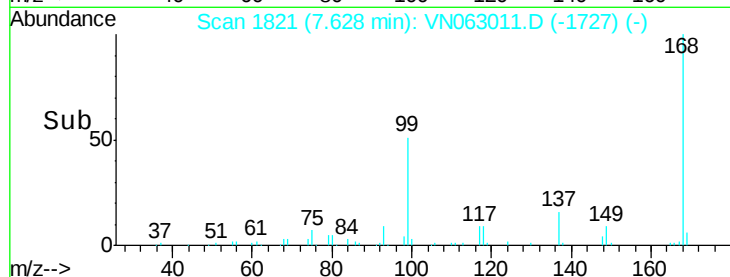
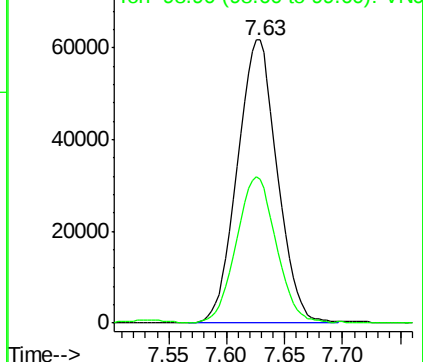
168 100

99 50.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.399 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN063011.D

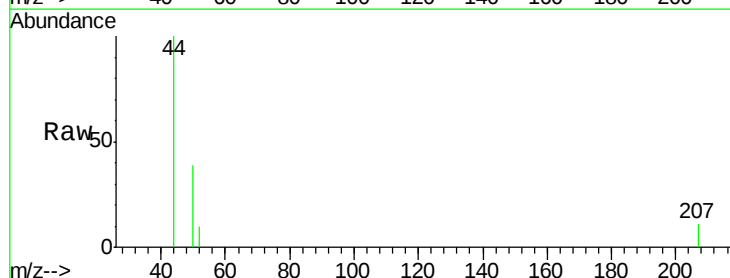
Acq: 19 Aug 2020 14:15

Tgt Ion: 50 Resp: 809

Ion Ratio Lower Upper

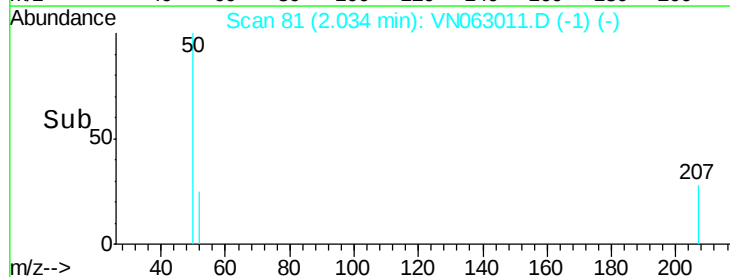
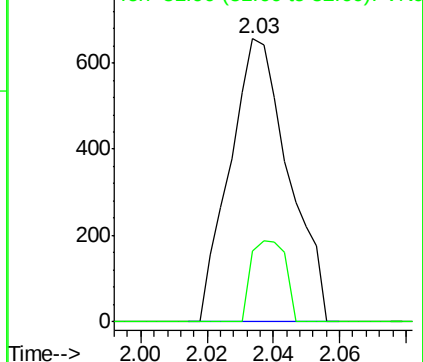
50 100

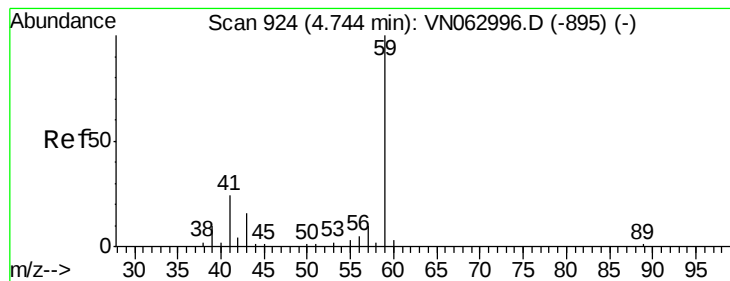
52 25.2 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



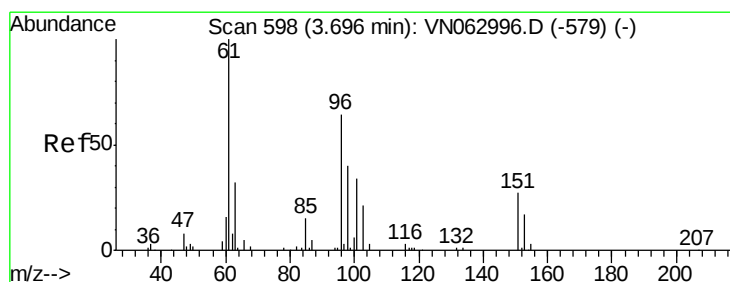
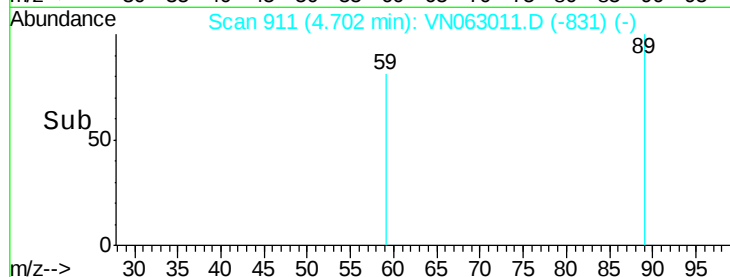
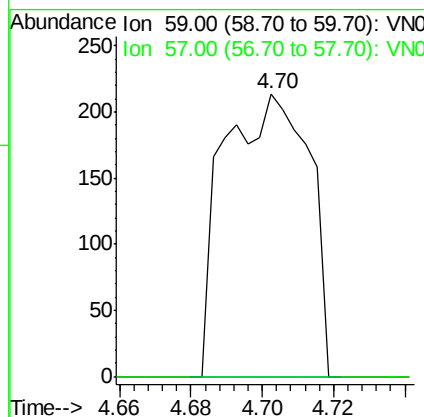
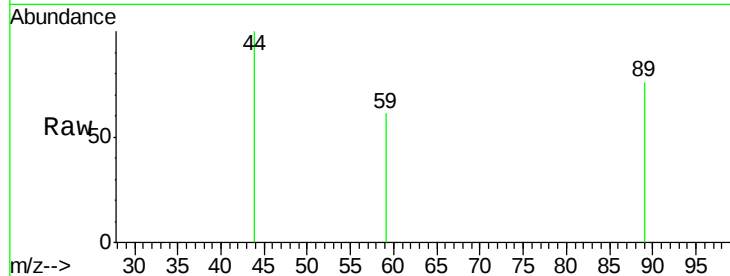


#11

Tert butyl alcohol  
 Concen: 1.424 ug/l  
 RT: 4.70 min Scan# 911  
 Delta R.T. -0.04 min  
 Lab File: VN063011.D  
 Acq: 19 Aug 2020 14:15

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB181-DUP-20200812

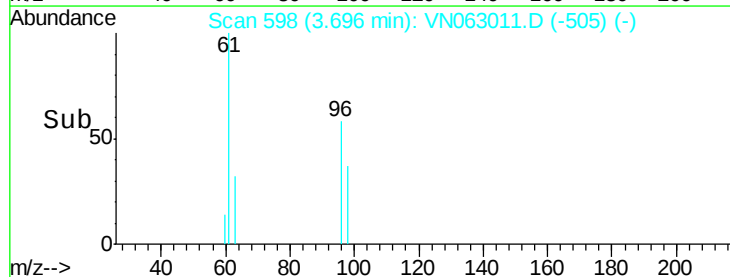
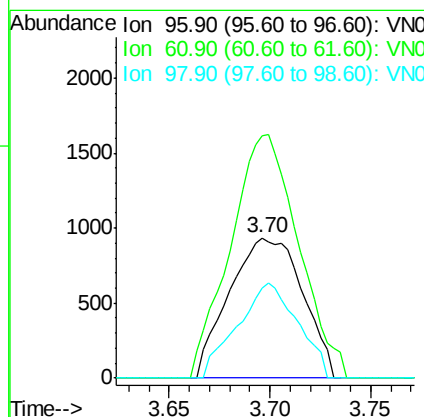
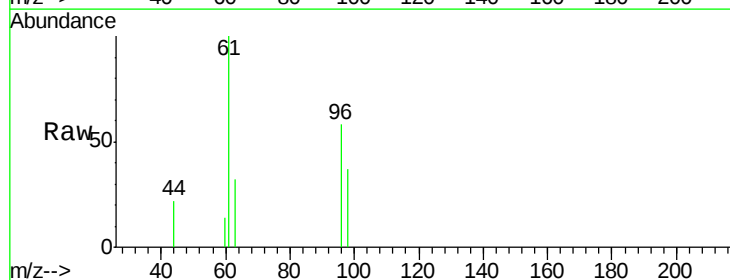
Tgt Ion: 59 Resp: 353  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 7.8 11.6#

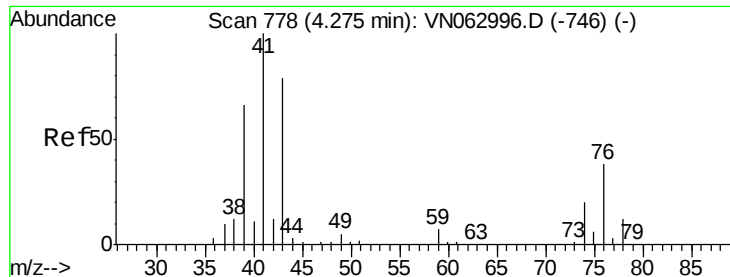


#12

1,1-Dichloroethene  
 Concen: 1.887 ug/l  
 RT: 3.70 min Scan# 598  
 Delta R.T. -0.00 min  
 Lab File: VN063011.D  
 Acq: 19 Aug 2020 14:15

Tgt Ion: 96 Resp: 2366  
 Ion Ratio Lower Upper  
 96 100  
 61 172.6 125.5 188.3  
 98 64.4 50.4 75.6

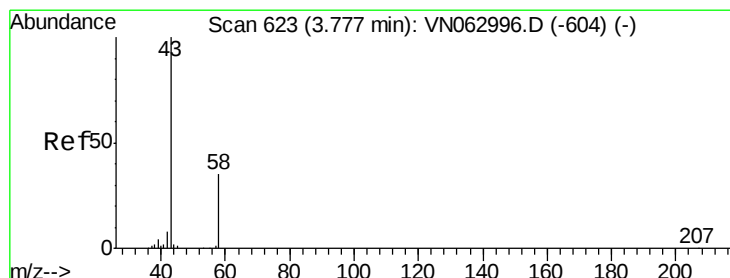
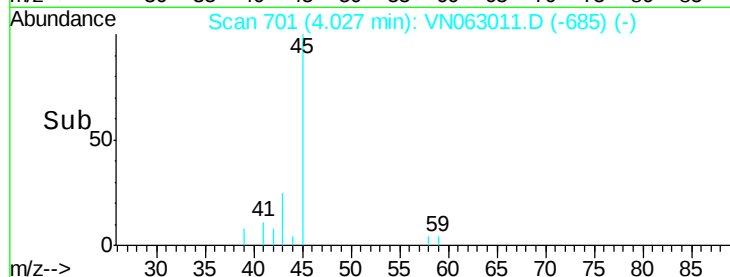
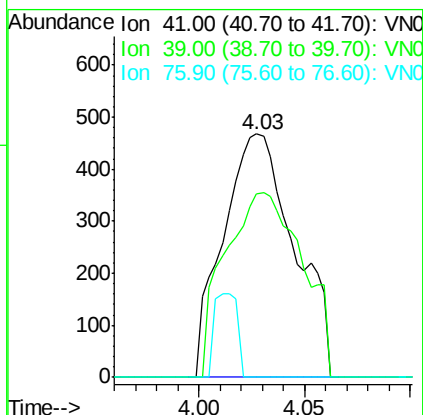
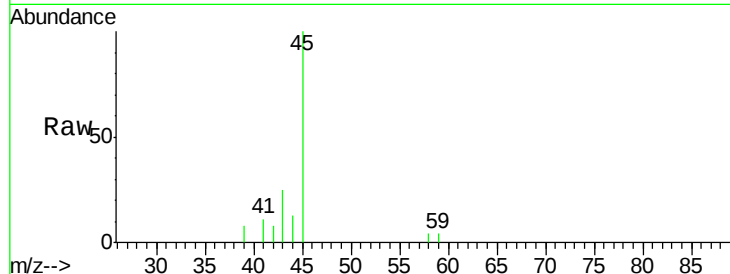




#14  
 Allyl chloride  
 Concen: 0.498 ug/l  
 RT: 4.03 min Scan# 701  
 Delta R.T. -0.25 min  
 Lab File: VN063011.D  
 Acq: 19 Aug 2020 14:15

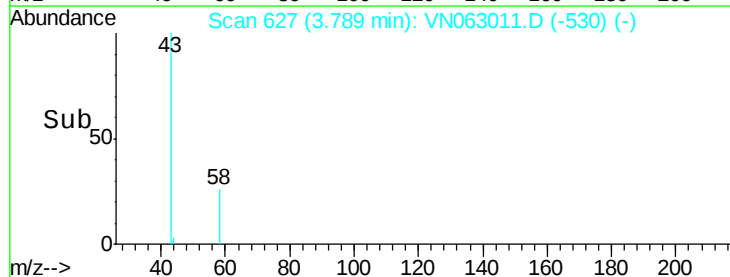
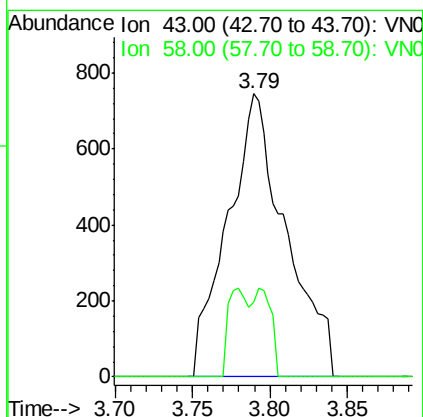
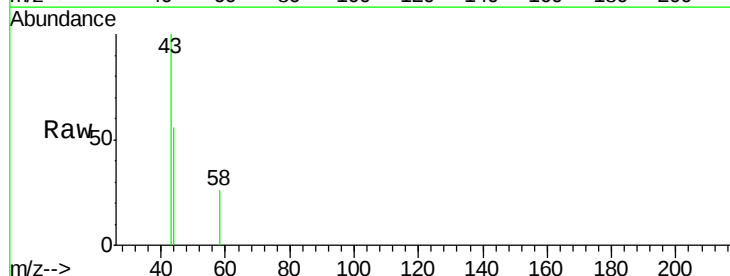
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB181-DUP-20200812

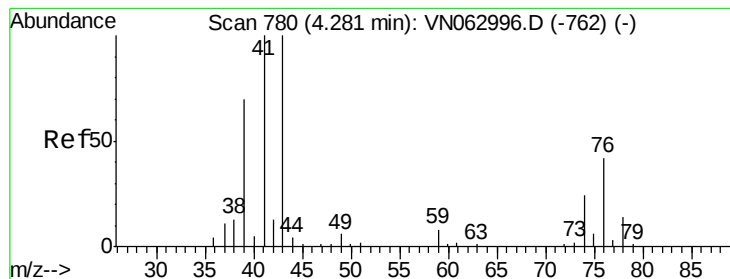
Tgt Ion: 41 Resp: 1101  
 Ion Ratio Lower Upper  
 41 100  
 39 82.5 47.9 71.9#  
 76 10.9 27.0 40.6#



#16  
 Acetone  
 Concen: Below Cal  
 RT: 3.79 min Scan# 627  
 Delta R.T. 0.01 min  
 Lab File: VN063011.D  
 Acq: 19 Aug 2020 14:15

Tgt Ion: 43 Resp: 1949  
 Ion Ratio Lower Upper  
 43 100  
 58 26.3 27.8 41.6#





#18

Methyl Acetate

Concen: 0.965 ug/l

RT: 4.02 min Scan# 699

Delta R.T. -0.26 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

Instrument :

MSVOA\_N

ClientSampleId :

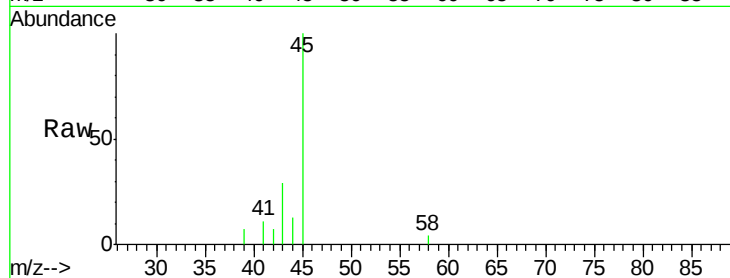
BP-VPB181-DUP-20200812

Tgt Ion: 43 Resp: 1678

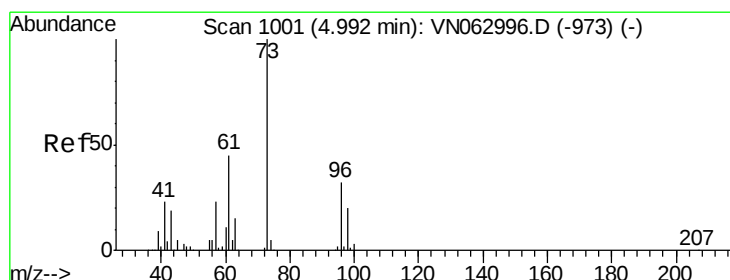
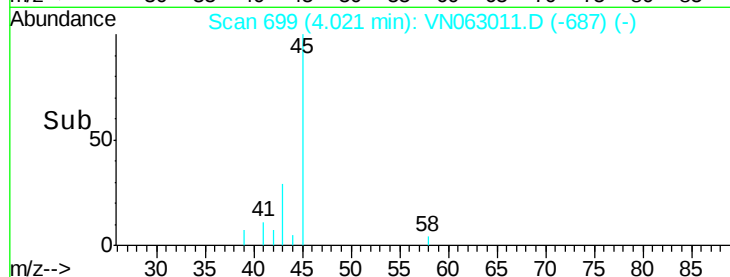
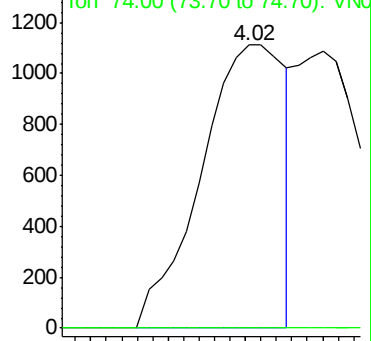
Ion Ratio Lower Upper

43 100

74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN063011.D (-687) (-)



#19

Methyl tert-butyl Ether

Concen: 0.241 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.01 min

Lab File: VN063011.D

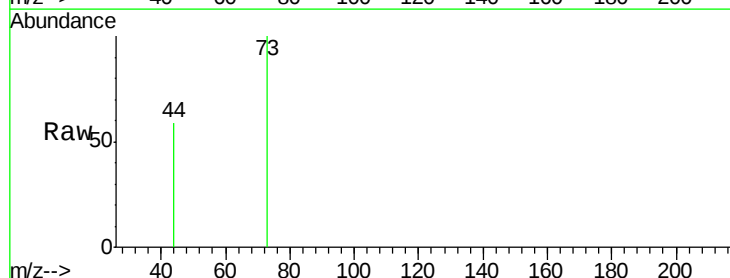
Acq: 19 Aug 2020 14:15

Tgt Ion: 73 Resp: 1054

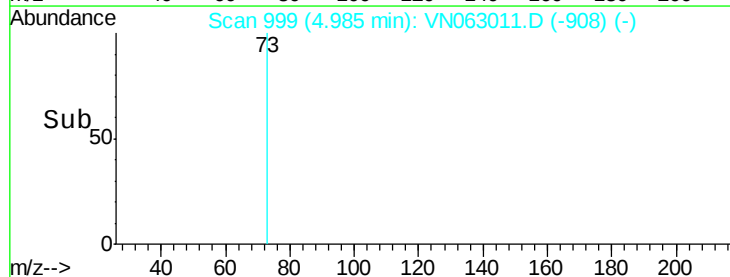
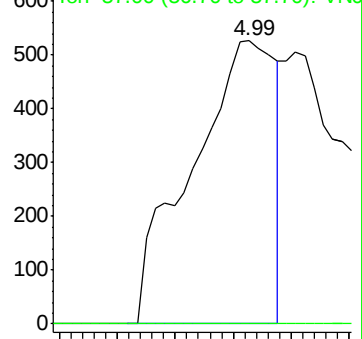
Ion Ratio Lower Upper

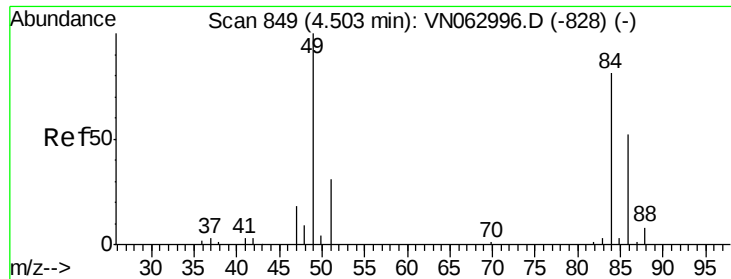
73 100

57 0.0 18.1 27.1#



Abundance Ion 73.00 (72.70 to 73.70): VN063011.D (-908) (-)





#20

Methylene Chloride

Concen: Below Cal

RT: 4.51 min Scan# 851

Delta R.T. 0.01 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

Instrument :

MSVOA\_N

ClientSampleId :

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Tgt Ion: 84 Resp: 358

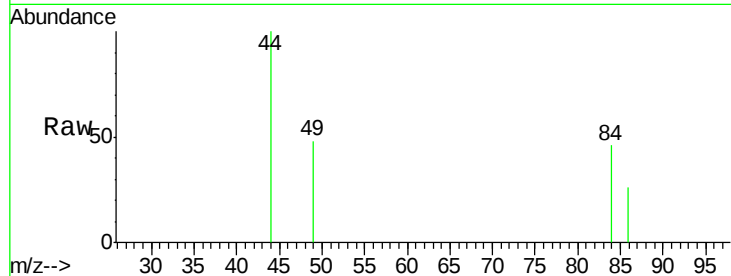
Ion Ratio Lower Upper

84 100

49 51.1 98.7 148.1#

51 0.0 30.8 46.2#

86 55.3 51.2 76.8

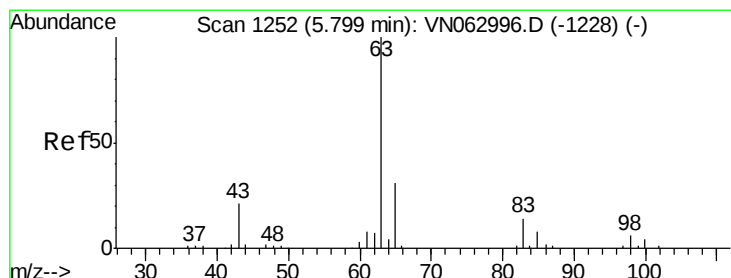
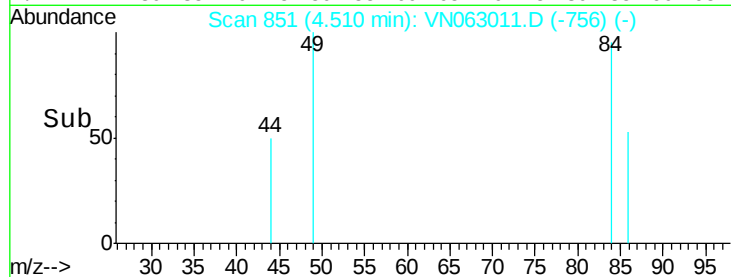
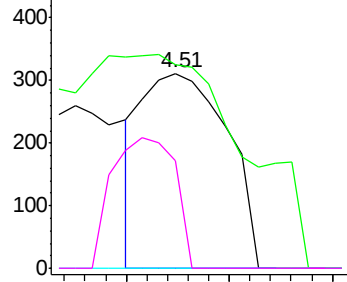


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#24

1,1-Dichloroethane

Concen: 2.637 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

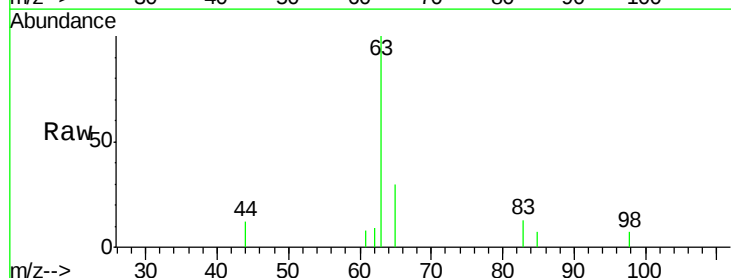
Tgt Ion: 63 Resp: 7391

Ion Ratio Lower Upper

63 100

98 7.2 2.9 8.7

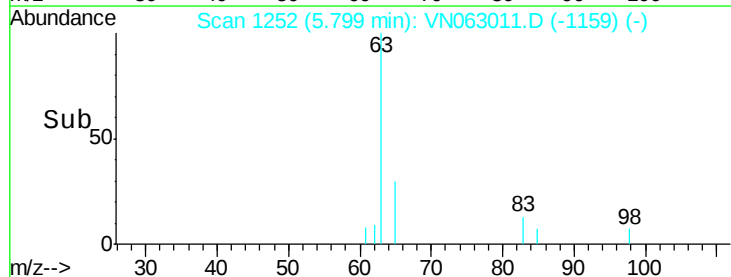
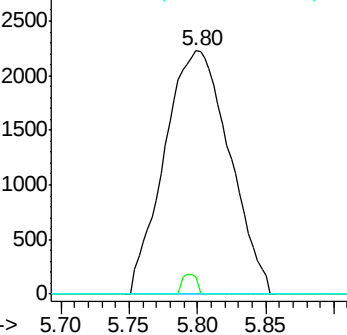
100 0.0 2.0 5.8#

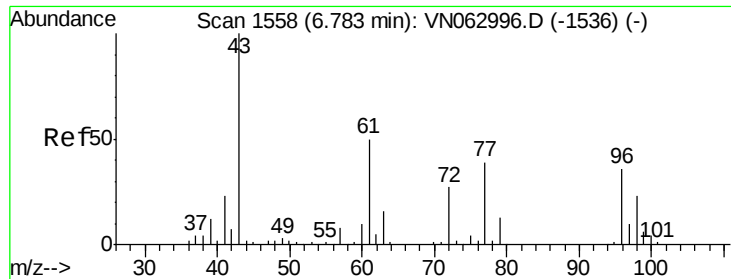


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 5.974 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

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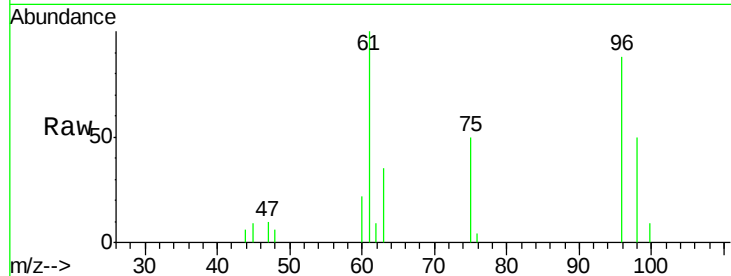
Tgt Ion: 96 Resp: 9824

Ion Ratio Lower Upper

96 100

61 126.9 0.0 292.8

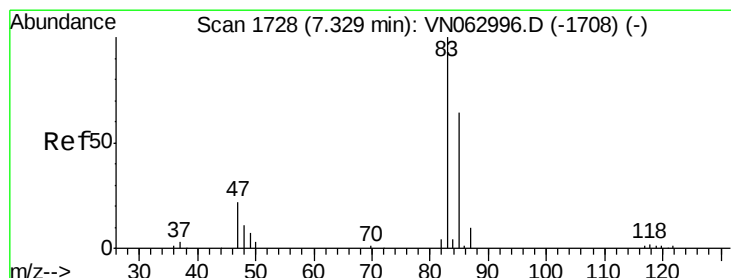
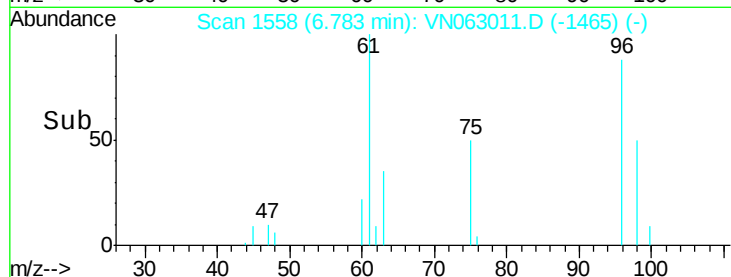
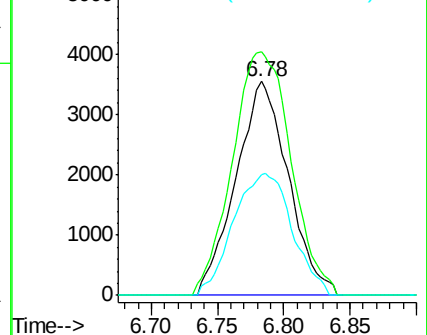
98 63.6 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN063011.D (-1465) (-)

Ion 60.90 (60.60 to 61.60): VN063011.D (-1465) (-)

Ion 97.90 (97.60 to 98.60): VN063011.D (-1465) (-)



#30

Chloroform

Concen: 0.397 ug/l

RT: 7.32 min Scan# 1726

Delta R.T. -0.01 min

Lab File: VN063011.D

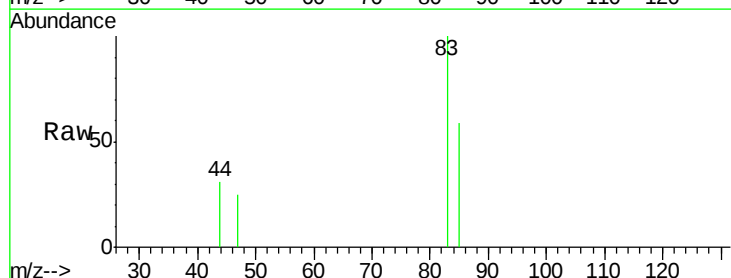
Acq: 19 Aug 2020 14:15

Tgt Ion: 83 Resp: 1121

Ion Ratio Lower Upper

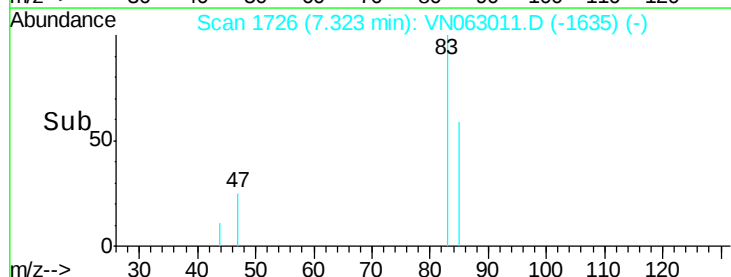
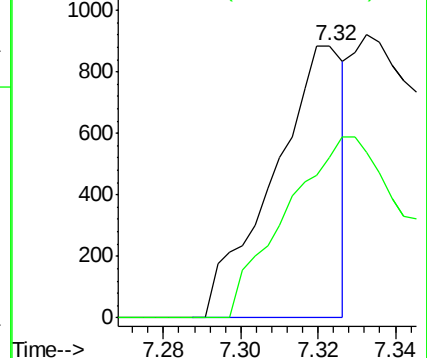
83 100

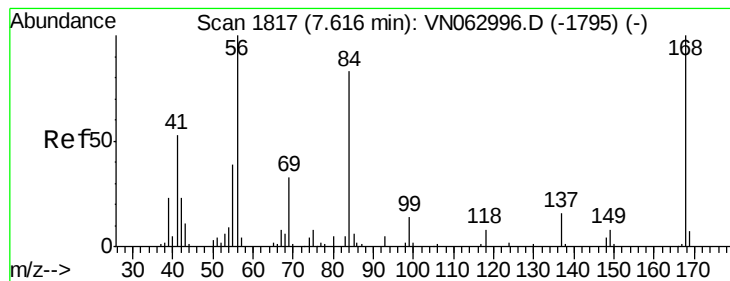
85 58.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VN063011.D (-1635) (-)

Ion 84.90 (84.60 to 85.60): VN063011.D (-1635) (-)





#31

Cyclohexane

Concen: 0.953 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB181-DUP-20200812

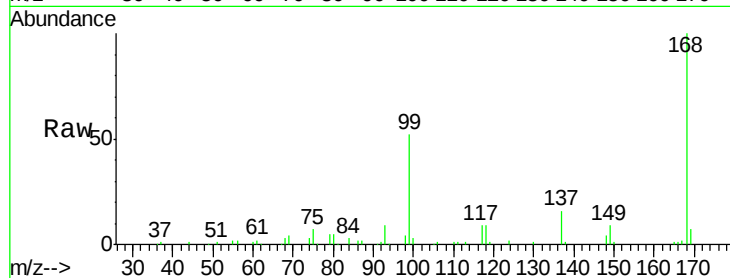
Tgt Ion: 56 Resp: 2458

Ion Ratio Lower Upper

56 100

69 201.1 26.6 40.0#

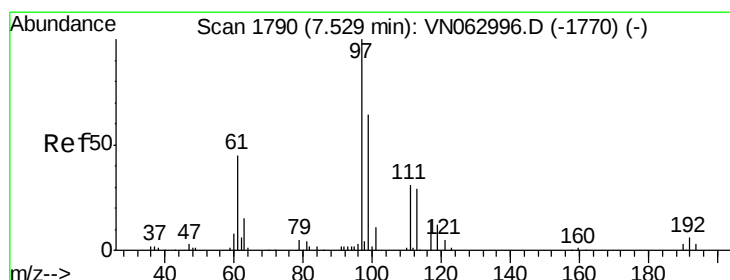
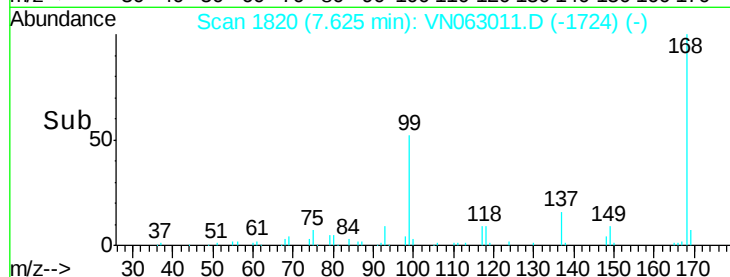
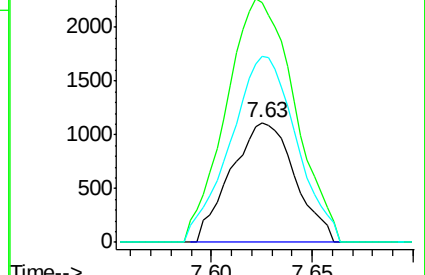
84 155.2 66.4 99.6#



Abundance Ion 56.00 (55.70 to 56.70): VN062996.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062996.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062996.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 1.275 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

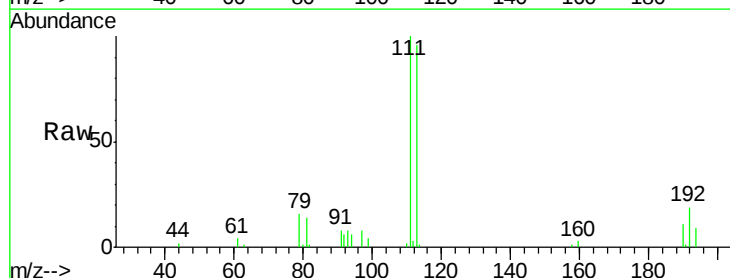
Tgt Ion: 97 Resp: 2939

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

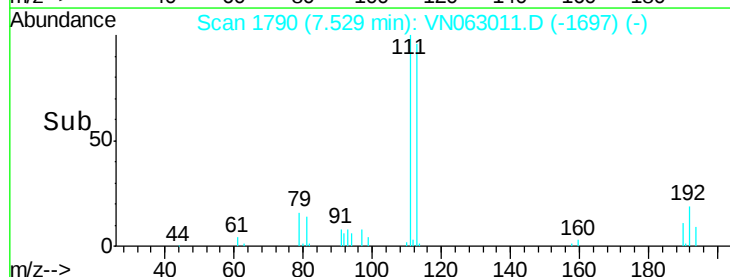
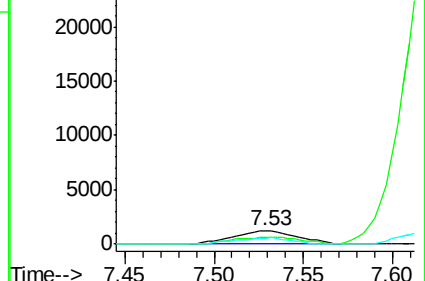
61 40.8 36.2 54.4

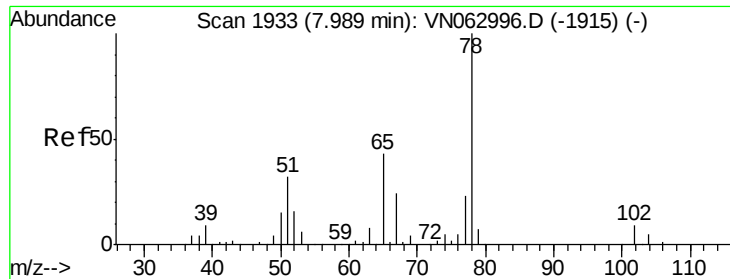


Abundance Ion 96.90 (96.60 to 97.60): VN062996.D (-1770) (-)

Ion 98.90 (98.60 to 99.60): VN062996.D (-1770) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-1770) (-)

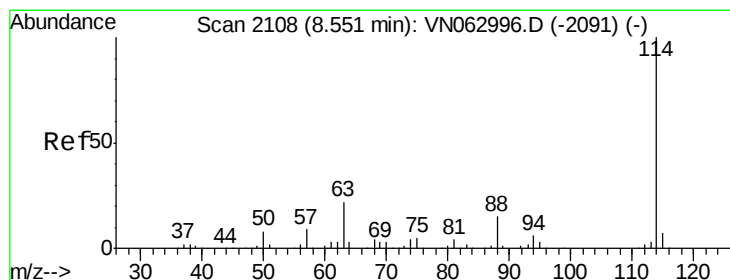
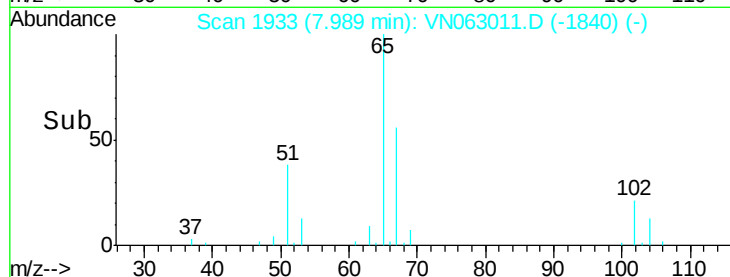
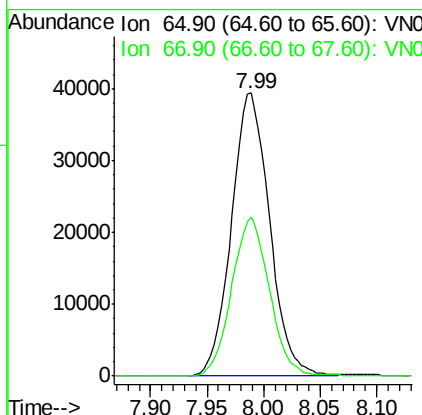
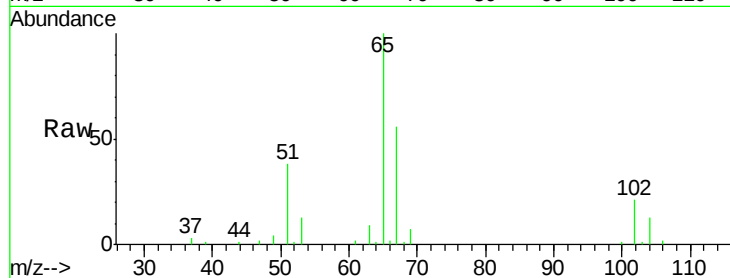




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.818 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. -0.00 min  
 Lab File: VN063011.D  
 Acq: 19 Aug 2020 14:15

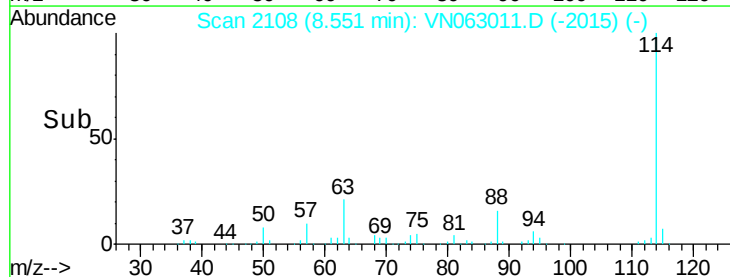
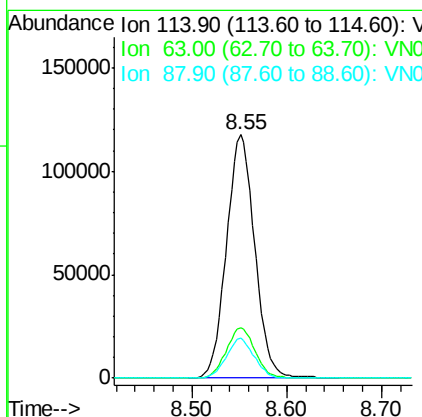
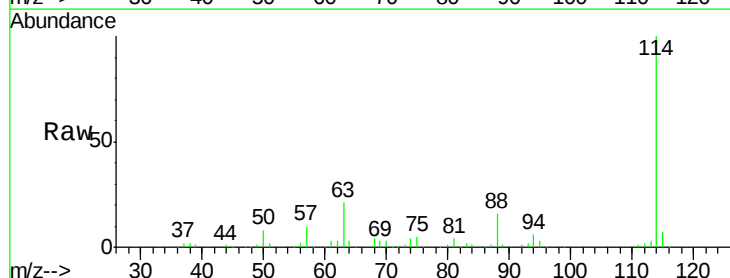
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB181-DUP-20200812

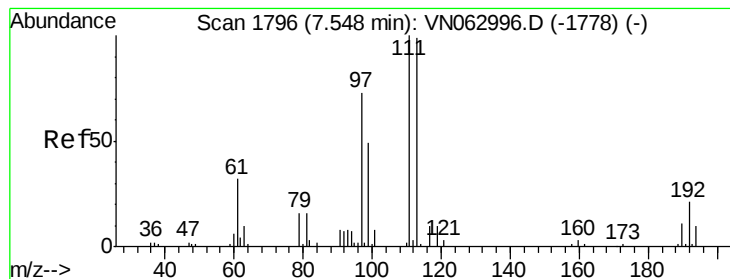
Tgt Ion: 65 Resp: 92461  
 Ion Ratio Lower Upper  
 65 100  
 67 55.4 0.0 112.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: VN063011.D  
 Acq: 19 Aug 2020 14:15

Tgt Ion: 114 Resp: 244651  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 0.0 43.2  
 88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.506 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB181-DUP-20200812

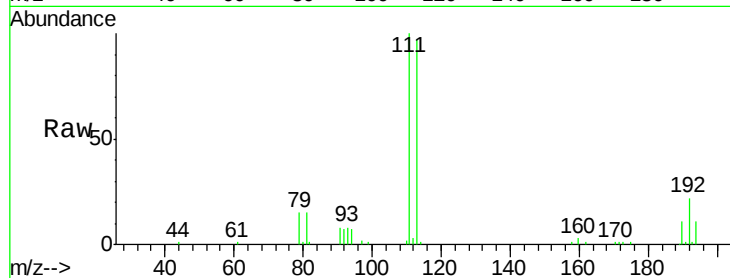
Tgt Ion:113 Resp: 82108

Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

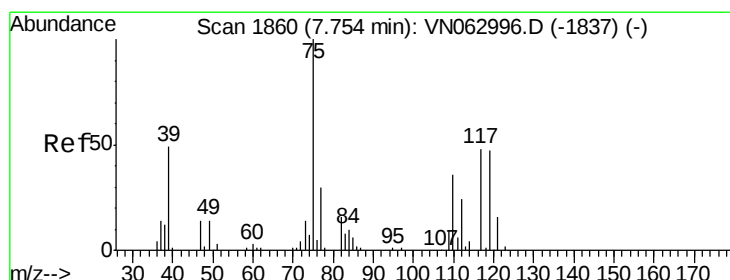
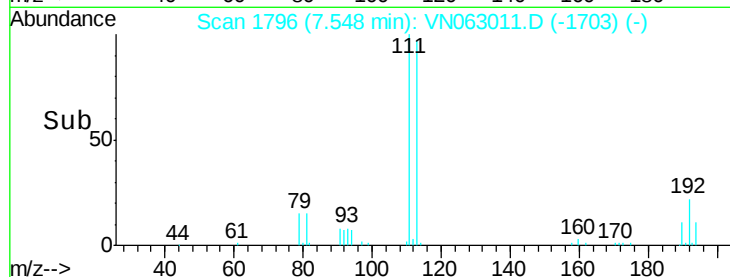
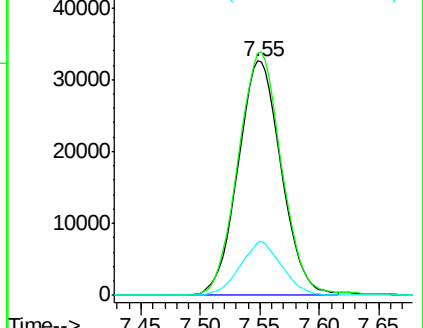
192 22.2 17.5 26.3



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: 4.871 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

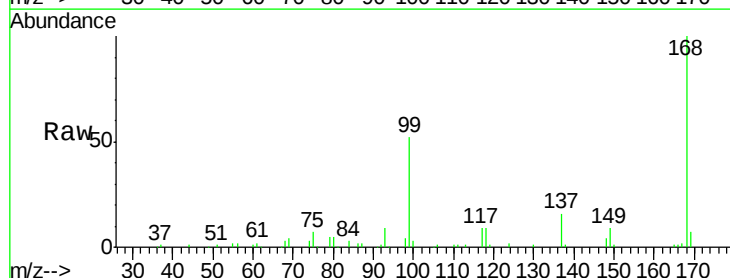
Tgt Ion: 75 Resp: 10502

Ion Ratio Lower Upper

75 100

110 6.6 17.5 52.6#

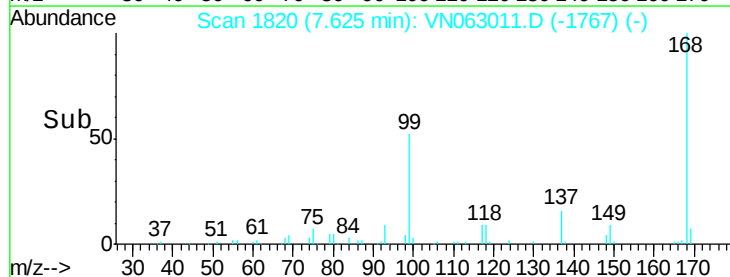
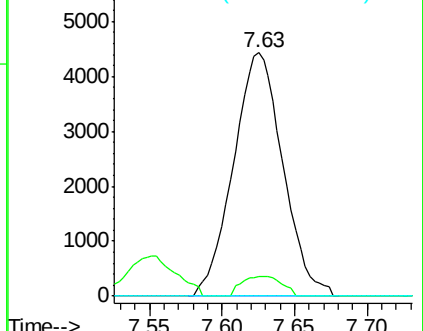
77 0.0 24.2 36.4#

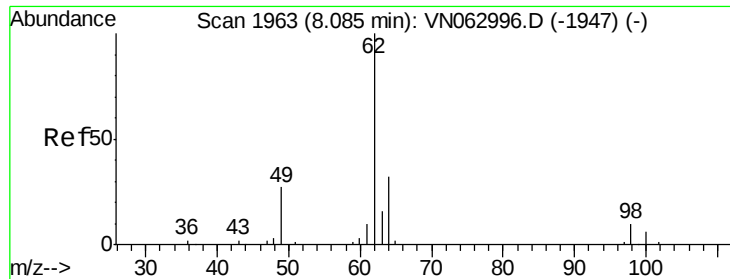


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

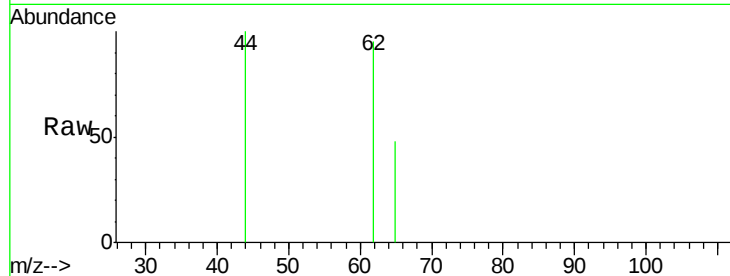




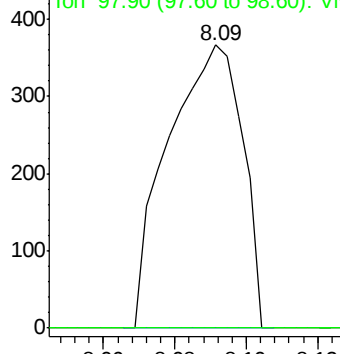
#42  
 1,2-Dichloroethane  
 Concen: 0.230 ug/l  
 RT: 8.09 min Scan# 1965  
 Delta R.T. 0.01 min  
 Lab File: VN063011.D  
 Acq: 19 Aug 2020 14:15

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB181-DUP-20200812

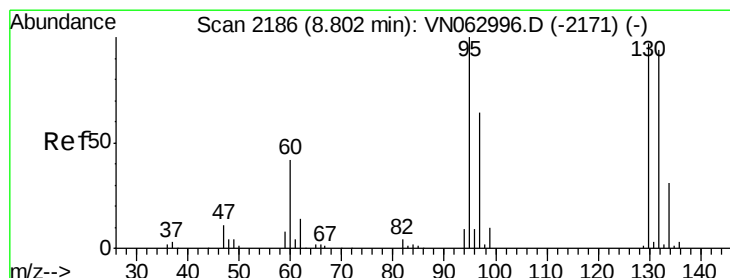
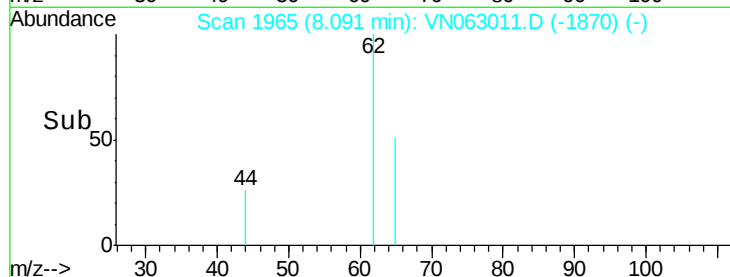
Tgt Ion: 62 Resp: 527  
 Ion Ratio Lower Upper  
 62 100  
 98 0.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN062996.D (-1947) (-)  
 Ion 97.90 (97.60 to 98.60): VN062996.D (-1947) (-)

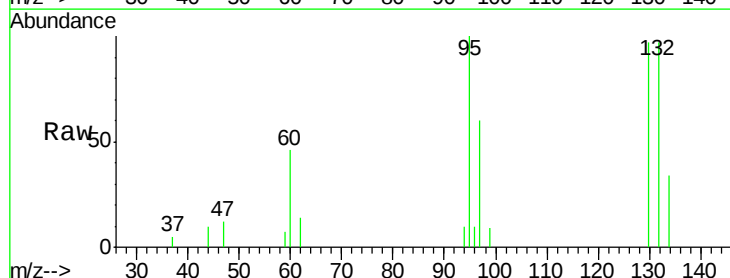


Time-->

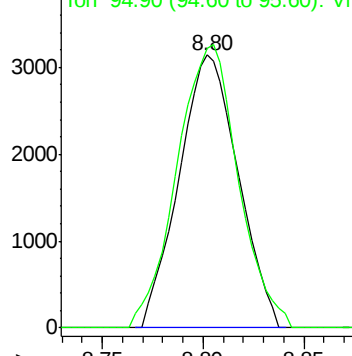


#44  
 Trichloroethene  
 Concen: 3.773 ug/l  
 RT: 8.80 min Scan# 2186  
 Delta R.T. -0.00 min  
 Lab File: VN063011.D  
 Acq: 19 Aug 2020 14:15

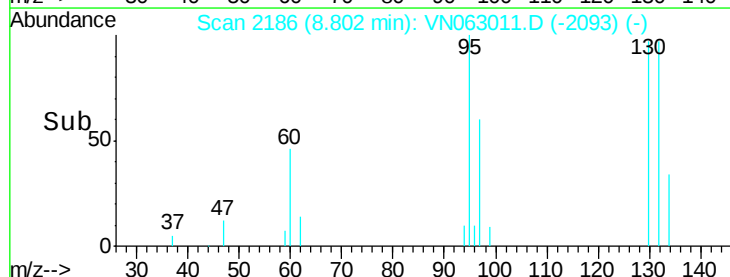
Tgt Ion: 130 Resp: 6417  
 Ion Ratio Lower Upper  
 130 100  
 95 97.5 0.0 205.6

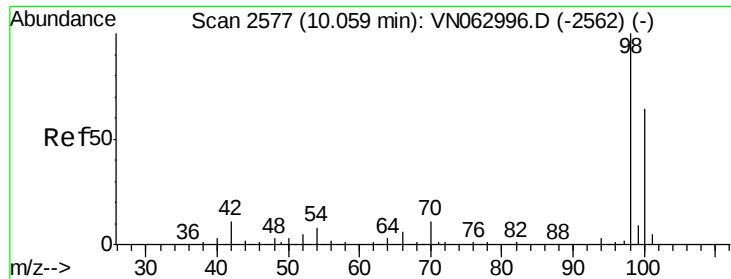


Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)  
 Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)



Time-->





#50

Toluene-d8

Concen: 51.379 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

Instrument :

MSVOA\_N

ClientSampleId :

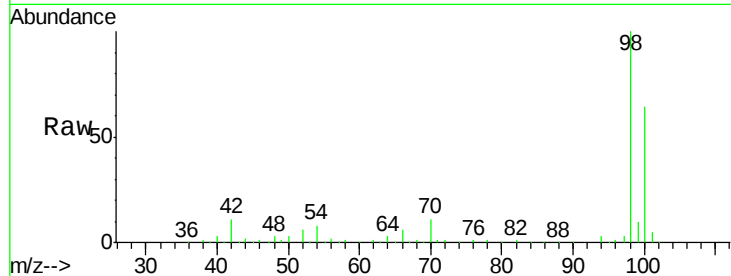
BP-VPB181-DUP-20200812

Tgt Ion: 98 Resp: 314599

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

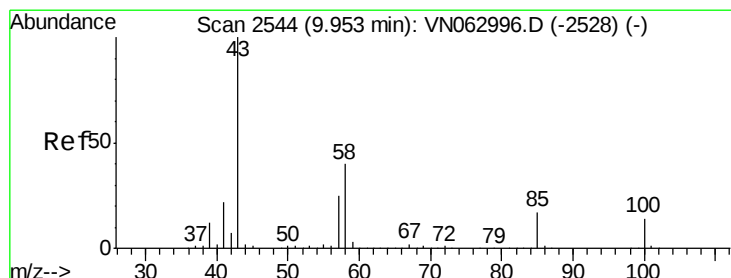
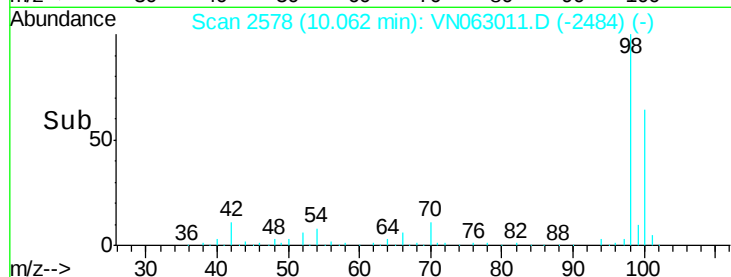
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.528 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN063011.D

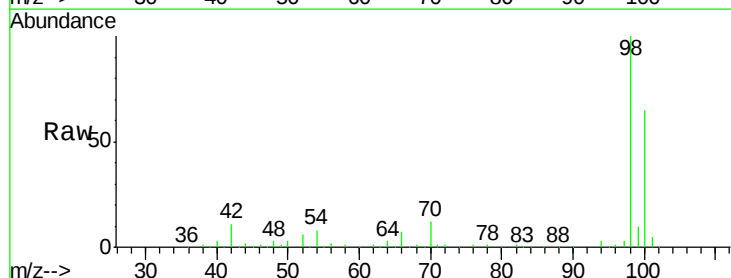
Acq: 19 Aug 2020 14:15

Tgt Ion: 43 Resp: 1118

Ion Ratio Lower Upper

43 100

58 242.7 32.2 48.2#



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

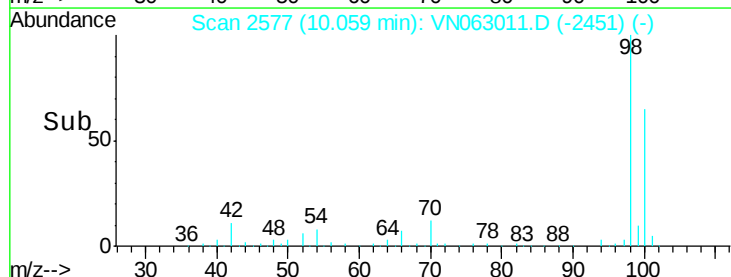
1500

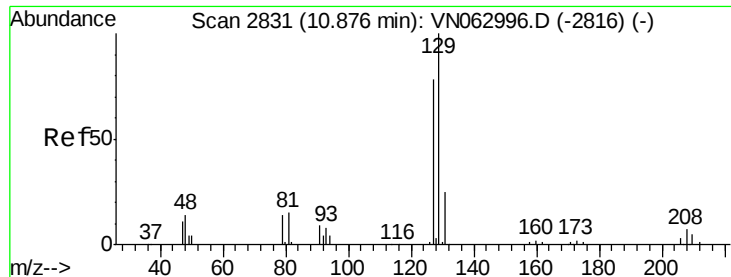
1000

500

0

Time-->





#60

Dibromochloromethane

Concen: 0.455 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.27 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

Instrument :

MSVOA\_N

ClientSampleId :

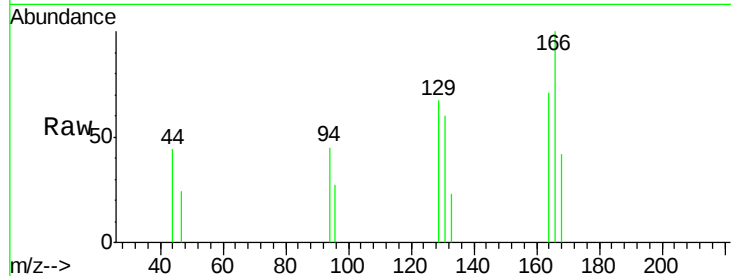
BP-VPB181-DUP-20200812

Tgt Ion:129 Resp: 888

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.60

500

400

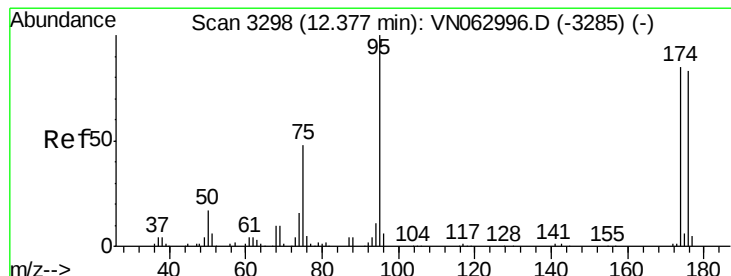
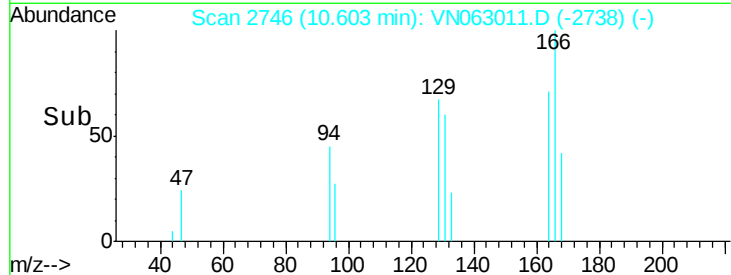
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.759 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

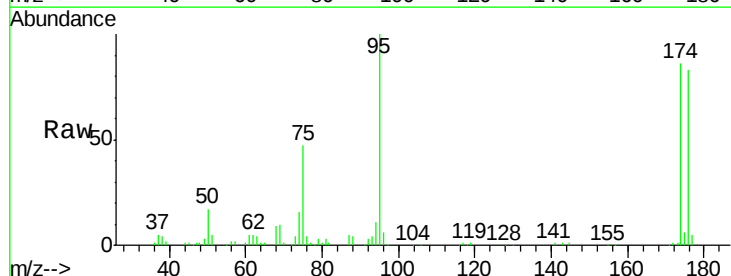
Tgt Ion: 95 Resp: 105356

Ion Ratio Lower Upper

95 100

174 88.1 0.0 170.8

176 84.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

80000

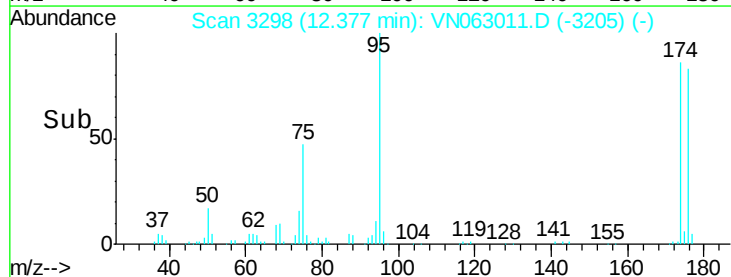
60000

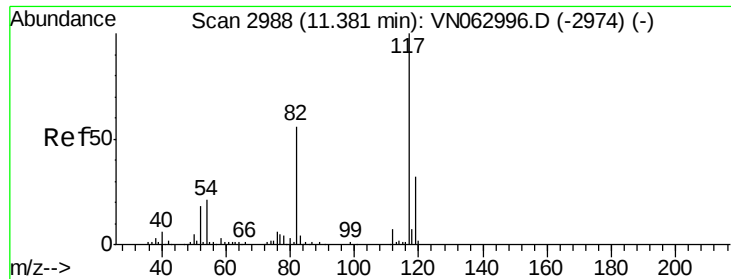
40000

20000

0

Time-->

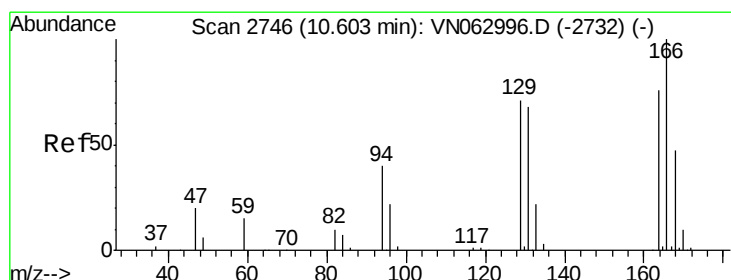
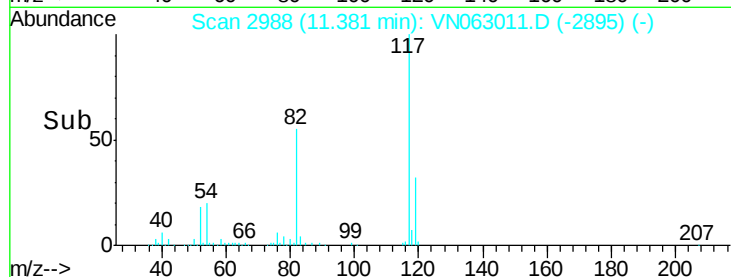
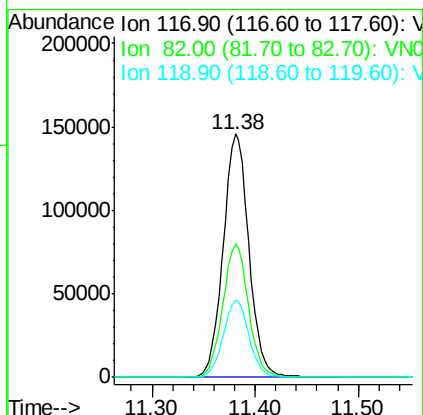
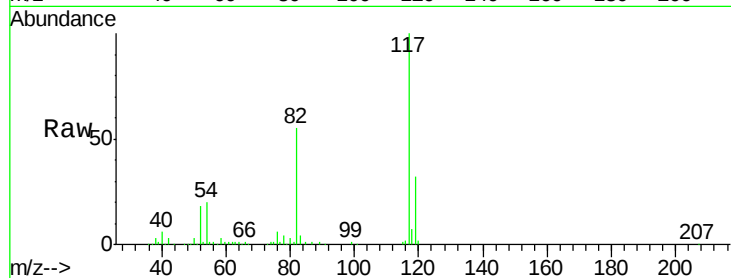




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN063011.D  
Acq: 19 Aug 2020 14:15

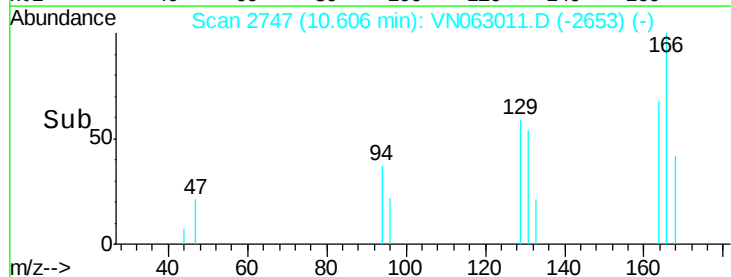
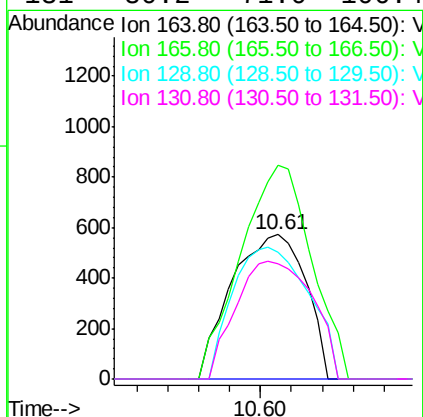
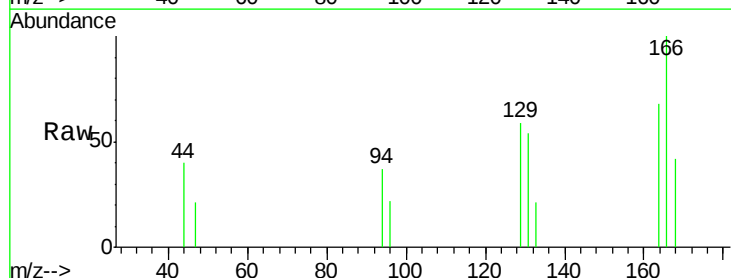
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB181-DUP-20200812

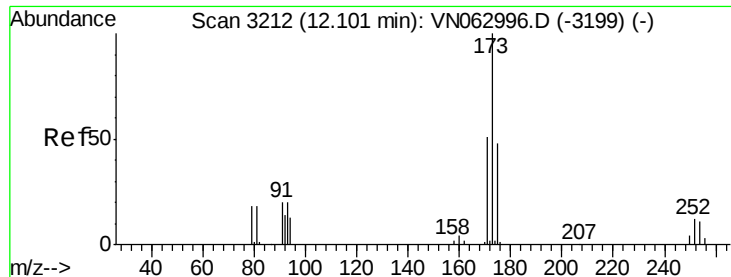
Tgt Ion:117 Resp: 253171  
Ion Ratio Lower Upper  
117 100  
82 54.8 44.5 66.7  
119 31.6 25.5 38.3



#64  
Tetrachloroethene  
Concen: 0.571 ug/l  
RT: 10.61 min Scan# 2747  
Delta R.T. 0.00 min  
Lab File: VN063011.D  
Acq: 19 Aug 2020 14:15

Tgt Ion:164 Resp: 951  
Ion Ratio Lower Upper  
164 100  
166 147.9 105.0 157.6  
129 87.6 74.7 112.1  
131 80.2 71.0 106.4





#71

Bromoform

Concen: 0.680 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB181-DUP-20200812

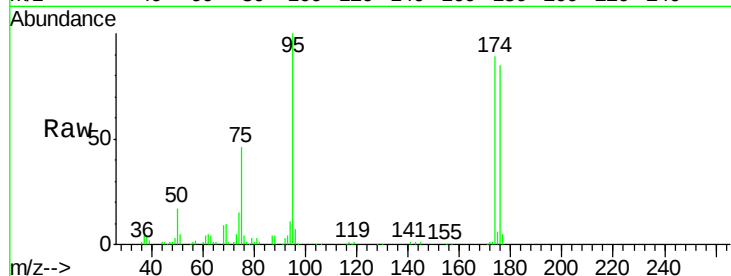
Tgt Ion:173 Resp: 1071

Ion Ratio Lower Upper

173 100

175 503.2 24.3 72.8#

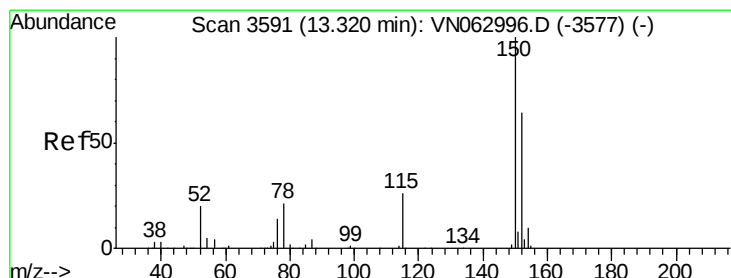
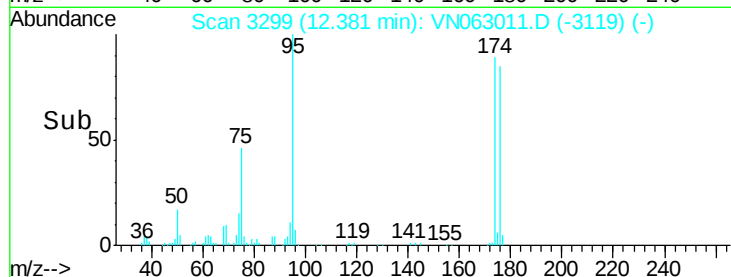
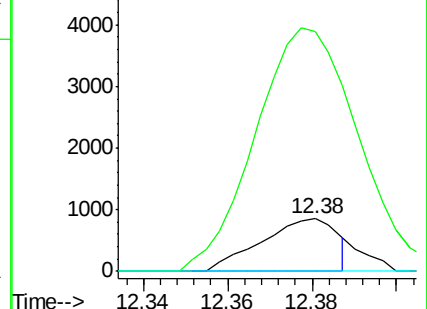
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

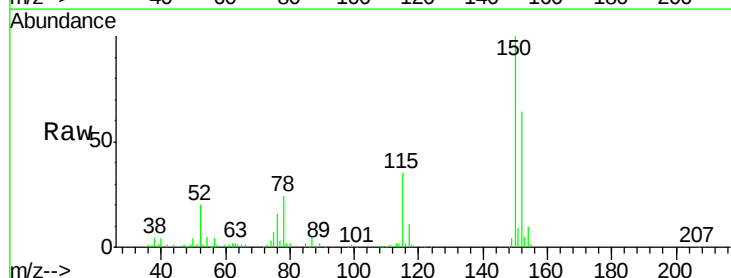
Tgt Ion:152 Resp: 92762

Ion Ratio Lower Upper

152 100

115 56.0 28.7 86.3

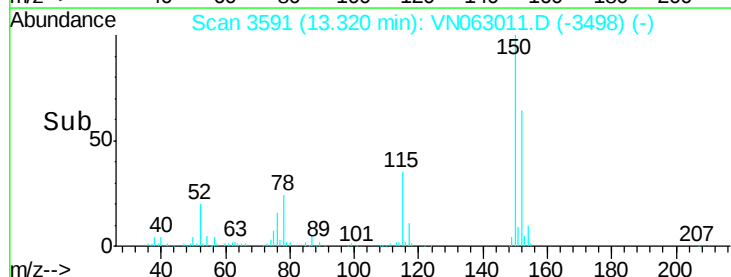
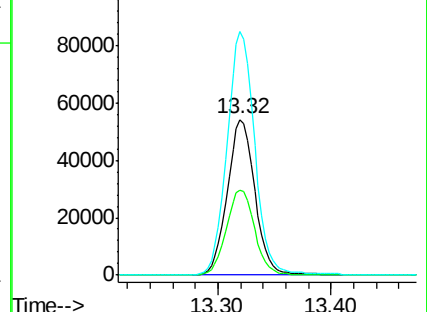
150 156.6 0.0 348.8

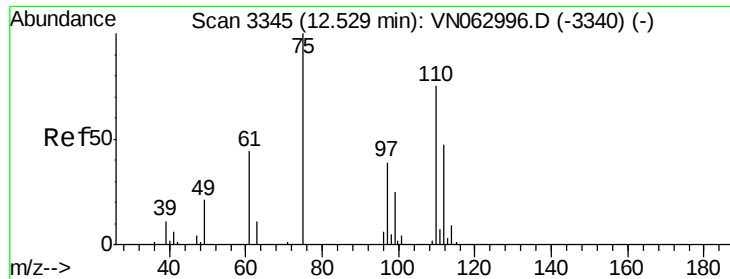


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.429 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

Instrument :

MSVOA\_N

ClientSampleId :

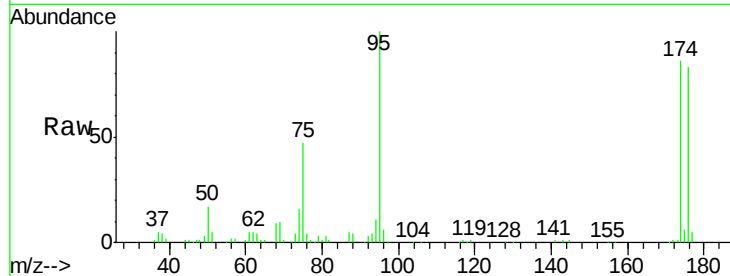
BP-VPB181-DUP-20200812

Tgt Ion: 75 Resp: 49456

Ion Ratio Lower Upper

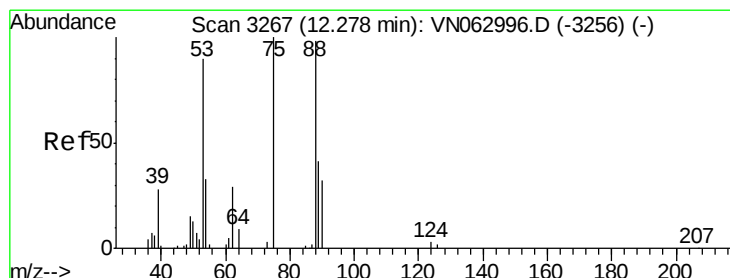
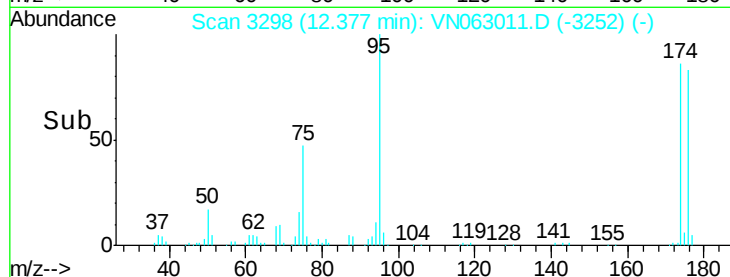
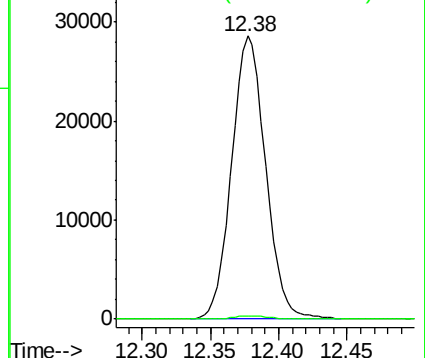
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 75.331 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063011.D

Acq: 19 Aug 2020 14:15

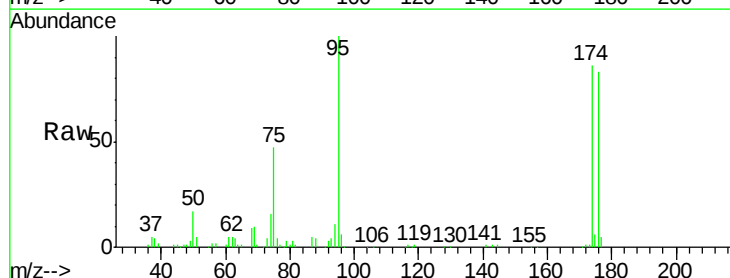
Tgt Ion: 75 Resp: 49456

Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

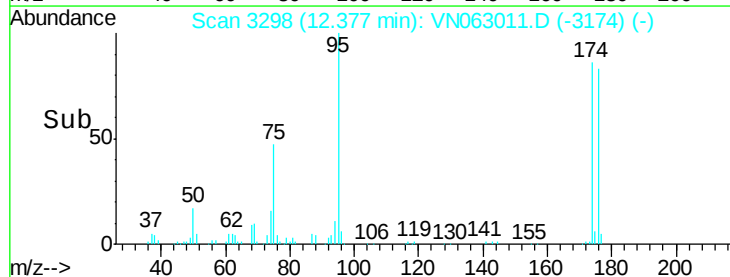
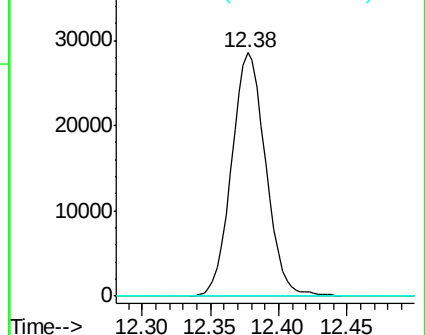
89 0.0 34.2 51.4#

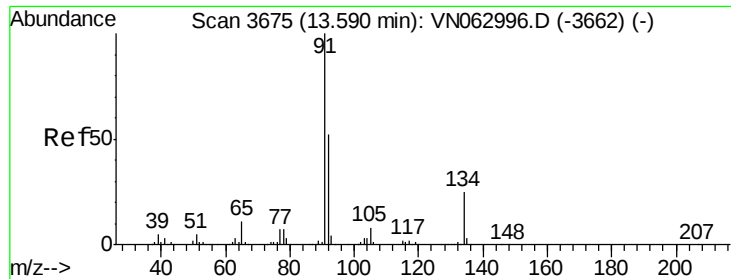


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#89

n-Butylbenzene

Concen: 2.795 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.27 min

Lab File: VN063011.D

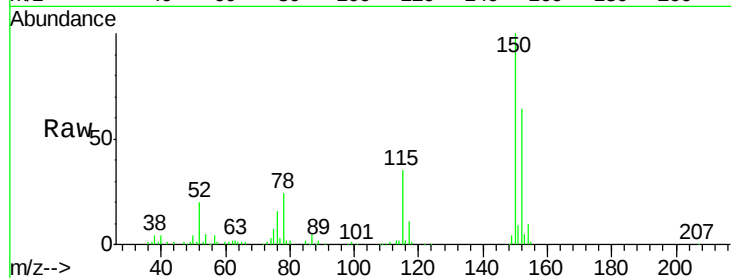
Acq: 19 Aug 2020 14:15

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB181-DUP-20200812



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 130   |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 0.0   | 25.9  | 77.6# |
| 134      | 0.0   | 12.4  | 37.0# |

