

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\  
 Data File : VN062346.D  
 Acq On : 2 Jul 2020 20:31  
 Operator : JC/MD  
 Sample : PB129917ZHE#04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB129917ZHE#04

Quant Time: Jul 03 00:36:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 123989   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 261952   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 257264   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 90932    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 103563   | 59.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 119.04% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 82210    | 48.92 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.84%  |      |
| 50) Toluene-d8            | 10.06  | 98  | 344073   | 51.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.44% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 111235   | 49.01 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.02%  |      |

## Target Compounds

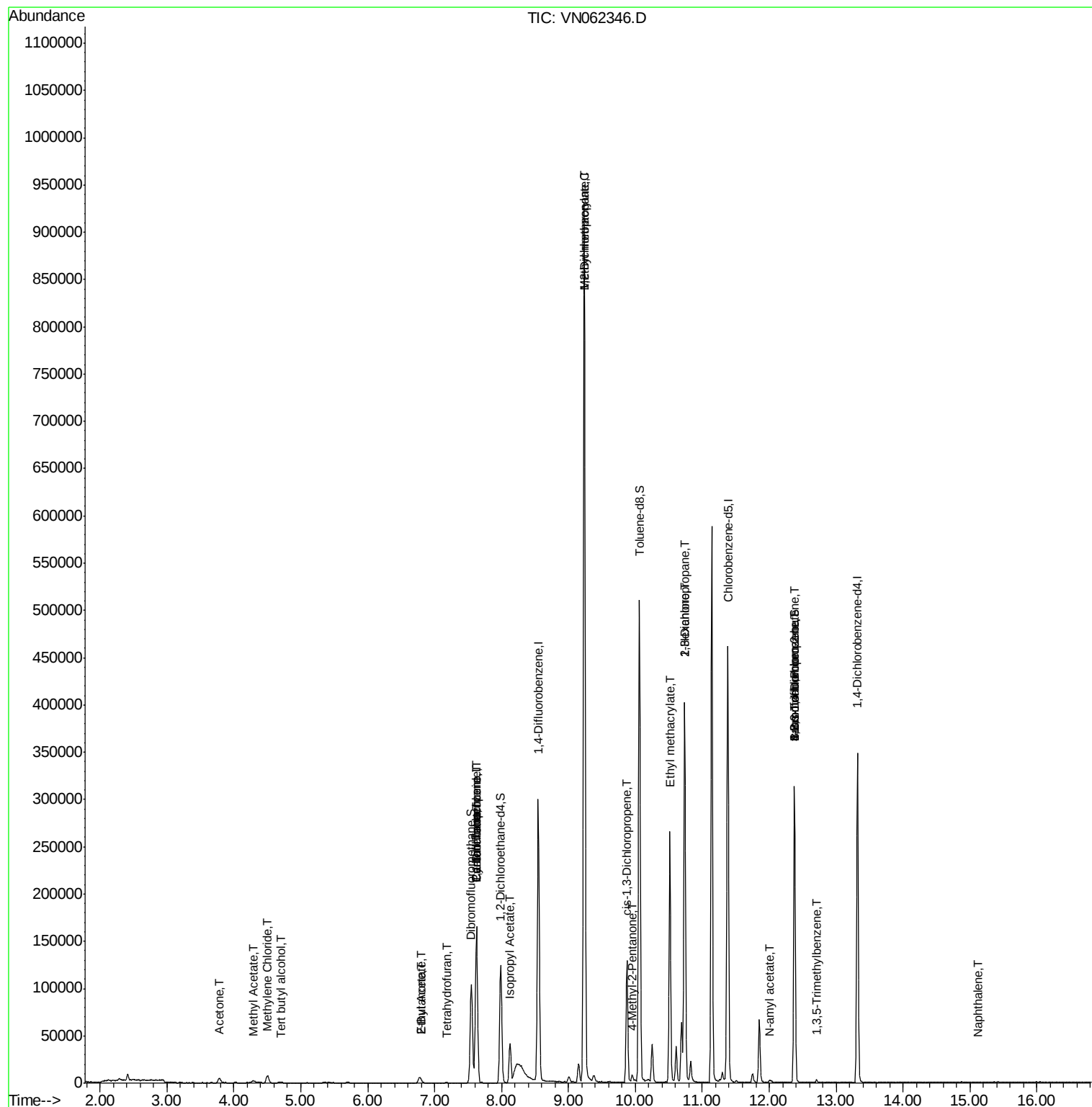
|                                |       |     |       |           |        | Qvalue |
|--------------------------------|-------|-----|-------|-----------|--------|--------|
| 3) Chloromethane               | 2.03  | 50  | 63    | Below Cal | #      | 41     |
| 11) Tert butyl alcohol         | 4.71  | 59  | 735   | 2.942     | ug/l # | 72     |
| 16) Acetone                    | 3.78  | 43  | 8932  | 12.506    | ug/l   | 93     |
| 18) Methyl Acetate             | 4.28  | 43  | 3841  | 2.777     | ug/l # | 80     |
| 20) Methylene Chloride         | 4.51  | 84  | 6006  | 3.559     | ug/l   | 93     |
| 25) 2-Butanone                 | 6.80  | 43  | 1847  | 2.172     | ug/l   | 90     |
| 29) Tetrahydrofuran            | 7.17  | 42  | 361   | 0.648     | ug/l # | 28     |
| 31) Cyclohexane                | 7.62  | 56  | 3228  | 1.343     | ug/l # | 31     |
| 36) 1,1-Dichloropropene        | 7.62  | 75  | 11459 | 4.352     | ug/l # | 45     |
| 37) Ethyl Acetate              | 6.80  | 43  | 1847  | 0.847     | ug/l # | 66     |
| 38) Carbon Tetrachloride       | 7.63  | 117 | 13030 | 5.249     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.13  | 43  | 47002 | 13.224    | ug/l   | 99     |
| 45) 1,2-Dichloropropane        | 9.24  | 63  | 1047  | 0.529     | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.23  | 41  | 88022 | 55.234    | ug/l # | 34     |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43  | 4040  | 1.946     | ug/l   | 92     |
| 54) cis-1,3-Dichloropropene    | 9.87  | 75  | 22941 | 7.226     | ug/l # | 70     |
| 56) Ethyl methacrylate         | 10.52 | 69  | 1154  | 0.449     | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.74 | 76  | 4372  | 1.320     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.73 | 43  | 57334 | 38.236    | ug/l # | 48     |
| 71) Bromoform                  | 12.38 | 173 | 905   | 0.652     | ug/l # | 1      |
| 74) N-amyl acetate             | 12.01 | 43  | 1370  | 3.837     | ug/l # | 38     |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75  | 58449 | 27.305    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105 | 2110  | 0.370     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75  | 58449 | 79.740    | ug/l # | 13     |
| 95) Naphthalene                | 15.12 | 128 | 187   | 4.035     | ug/l # | 69     |

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

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Sample : PB129917ZHE#04  
Misc : 5.00mL/MSVOA N/WATER  
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MSVOA\_N  
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Quant Time: Jul 03 00:36:40 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 24 15:33:00 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062346.D

Acq: 2 Jul 2020 20:31

Instrument :

MSVOA\_N

ClientSampleId :

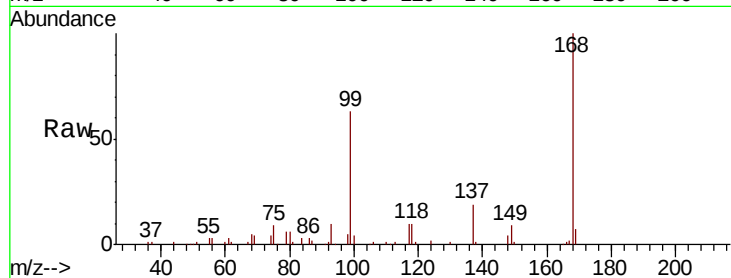
PB129917ZHE#04

Tot Ion:168 Resp: 123989

Ion Ratio Lower Upper

168 100

99 63.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062346.D

Ion 98.90 (98.60 to 99.60): VN062346.D

7.63

60000

50000

40000

30000

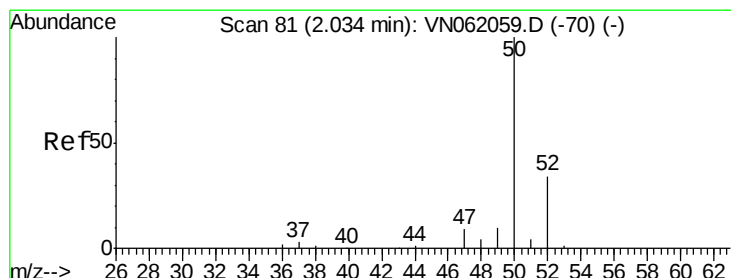
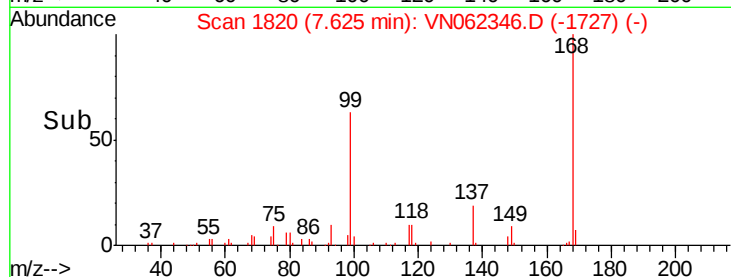
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 79

Delta R.T. -0.01 min

Lab File: VN062346.D

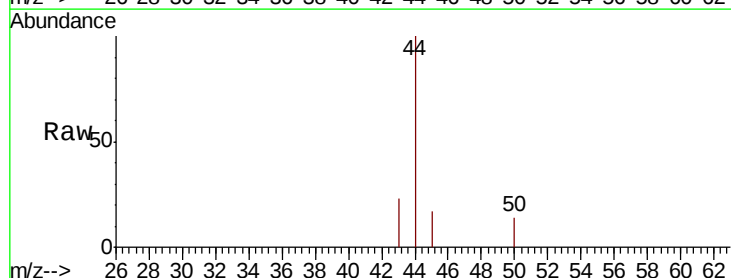
Acq: 2 Jul 2020 20:31

Tgt Ion: 50 Resp: 63

Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN062346.D

Ion 51.90 (51.60 to 52.60): VN062346.D

2.03

150

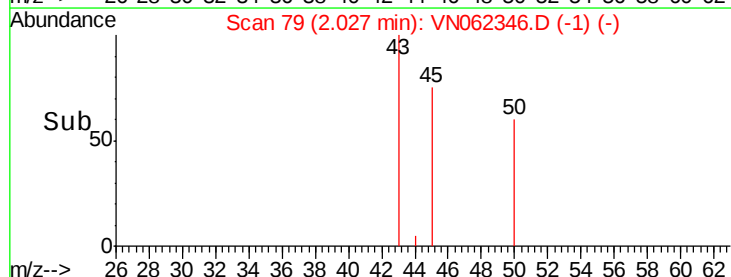
100

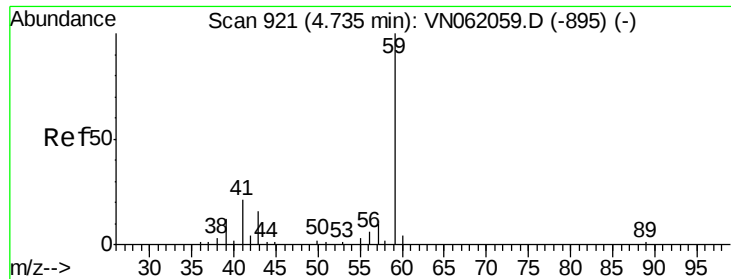
50

0

2.02 2.02 2.02 2.03 2.04

Time-->

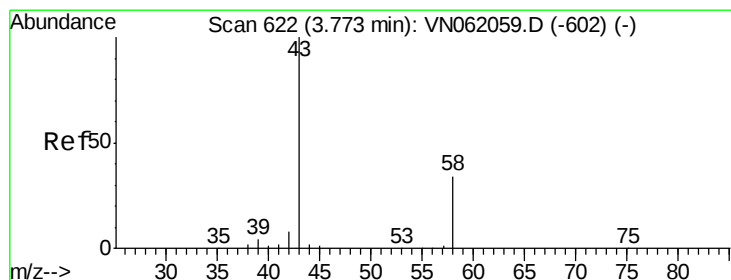
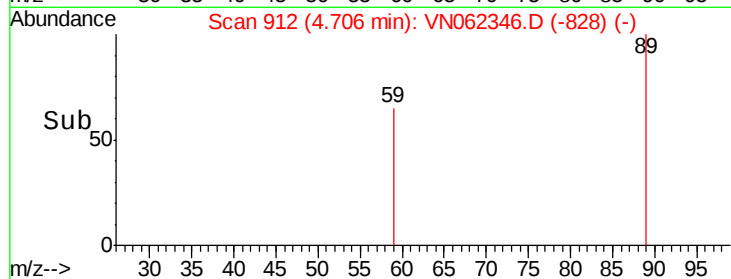
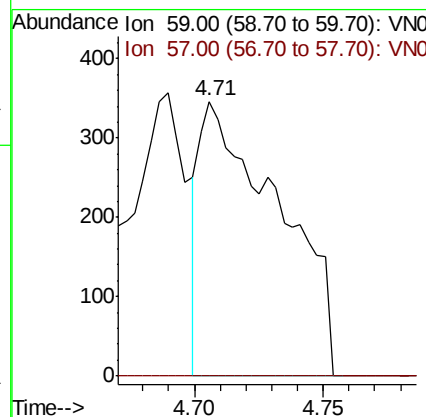
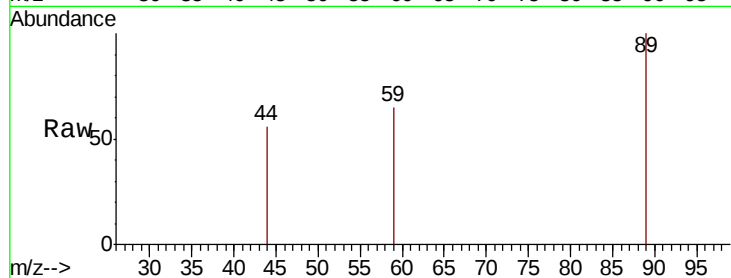




#11  
Tert butyl alcohol  
Concen: 2.942 ug/l  
RT: 4.71 min Scan# 912  
Delta R.T. -0.03 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

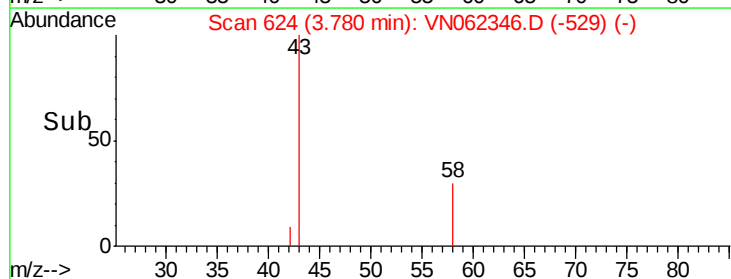
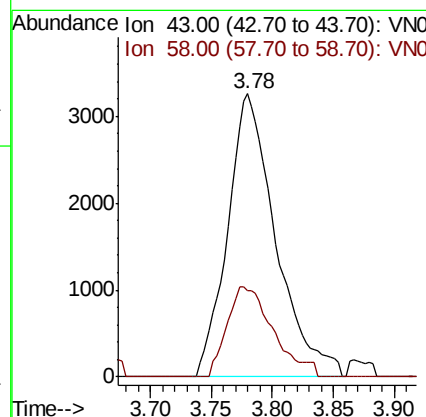
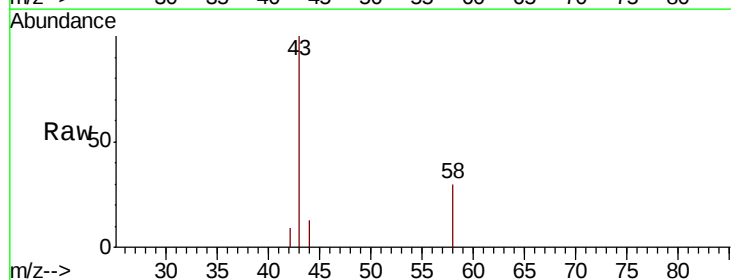
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB129917ZHE#04

Tot Ion: 59 Resp: 735  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#16  
Acetone  
Concen: 12.506 ug/l  
RT: 3.78 min Scan# 624  
Delta R.T. 0.01 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

Tgt Ion: 43 Resp: 8932  
Ion Ratio Lower Upper  
43 100  
58 30.3 27.5 41.3

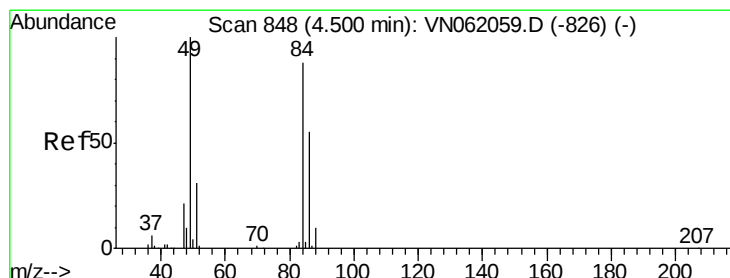
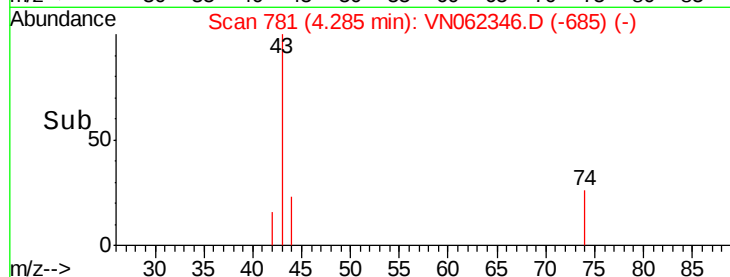
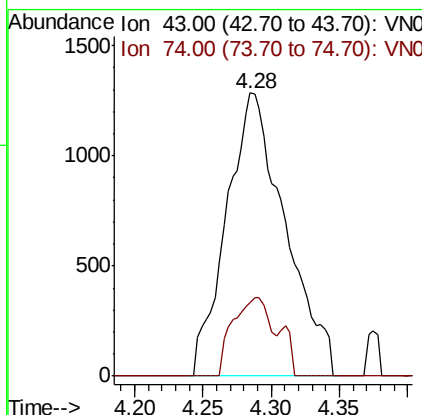
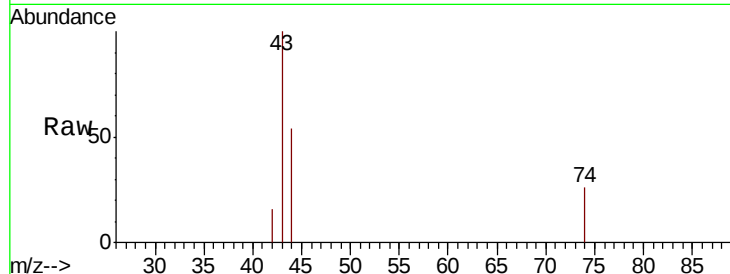




#18  
Methyl Acetate  
Concen: 2.777 ug/l  
RT: 4.28 min Scan# 781  
Delta R.T. 0.01 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

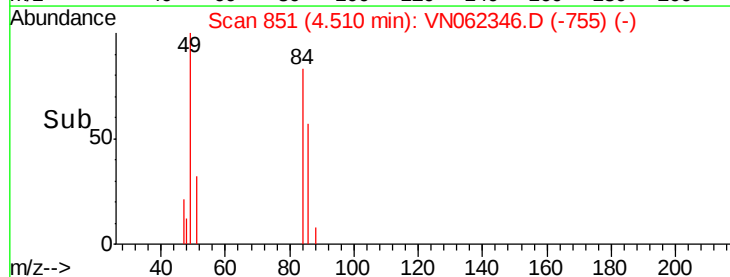
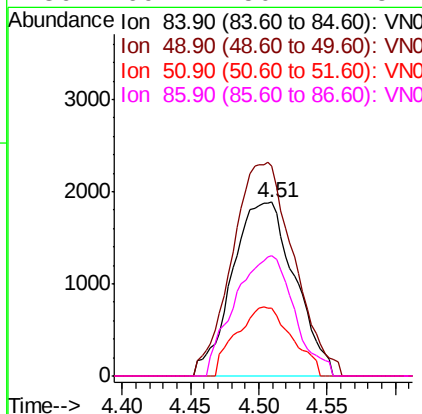
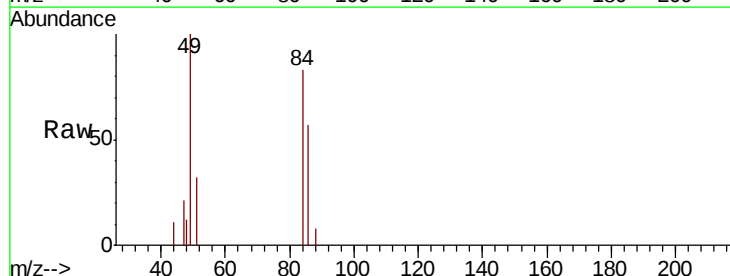
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB129917ZHE#04

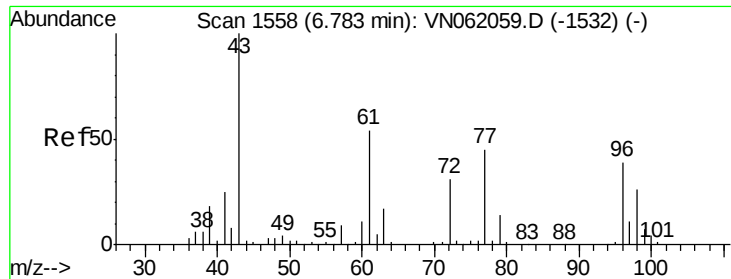
Tot Ion: 43 Resp: 3841  
Ion Ratio Lower Upper  
43 100  
74 17.7 22.9 34.3#



#20  
Methylene Chloride  
Concen: 3.559 ug/l  
RT: 4.51 min Scan# 851  
Delta R.T. 0.01 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

Tgt Ion: 84 Resp: 6006  
Ion Ratio Lower Upper  
84 100  
49 120.6 90.6 136.0  
51 38.8 27.8 41.8  
86 69.4 50.1 75.1

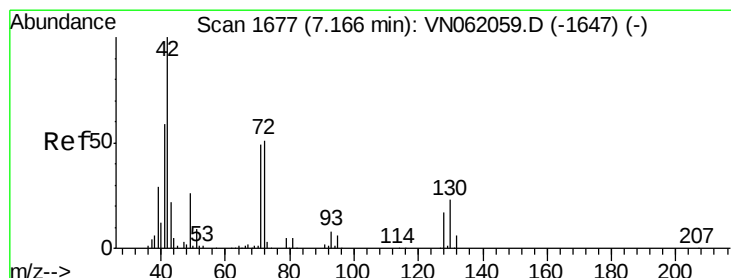
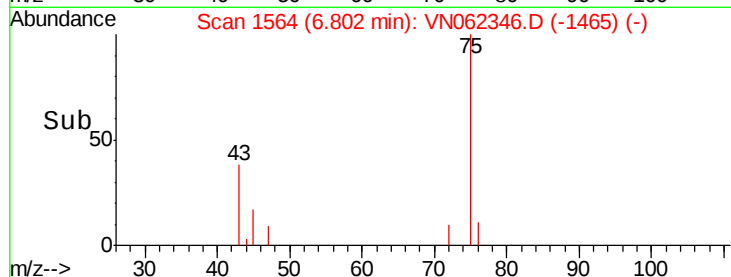
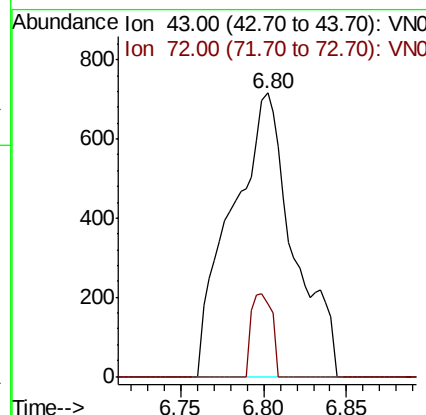
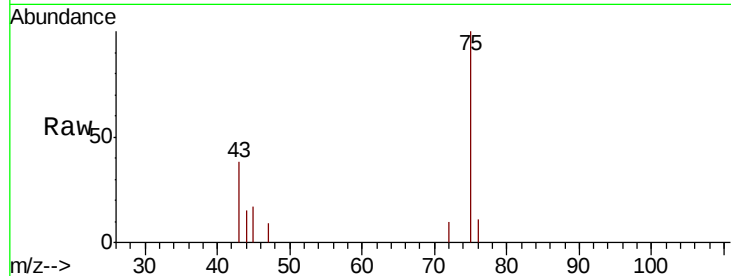




#25  
2-Butanone  
Concen: 2.172 ug/l  
RT: 6.80 min Scan# 1564  
Delta R.T. 0.02 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

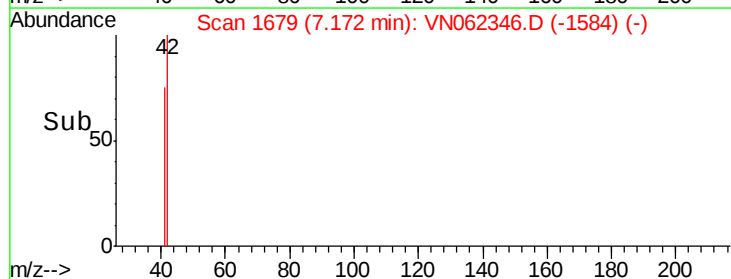
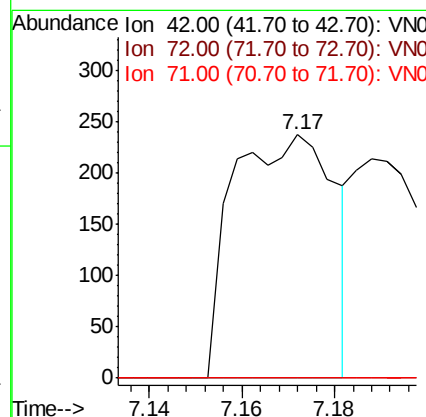
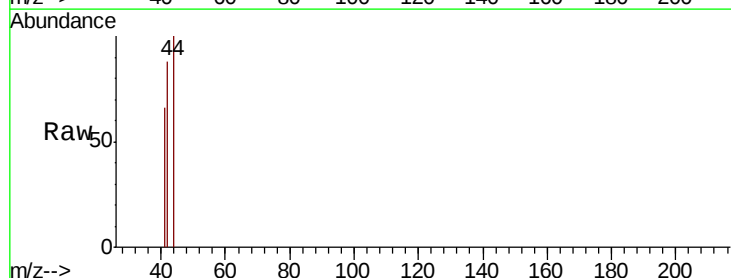
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB129917ZHE#04

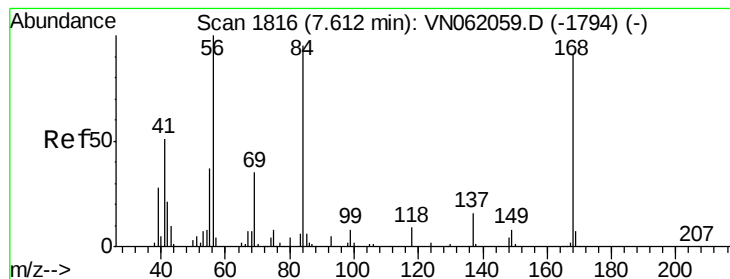
Tot Ion: 43 Resp: 1847  
Ion Ratio Lower Upper  
43 100  
72 25.6 24.8 37.2



#29  
Tetrahydrofuran  
Concen: 0.648 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. 0.01 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

Tgt Ion: 42 Resp: 361  
Ion Ratio Lower Upper  
42 100  
72 0.0 41.1 61.7#  
71 0.0 38.2 57.4#





#31

Cyclohexane

Concen: 1.343 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN062346.D

Acq: 2 Jul 2020 20:31

Instrument :

MSVOA\_N

ClientSampleId :

PB129917ZHE#04

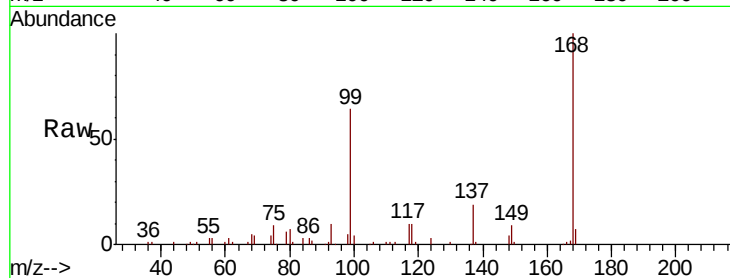
Tot Ion: 56 Resp: 3228

Ion Ratio Lower Upper

56 100

69 145.4 28.0 42.0#

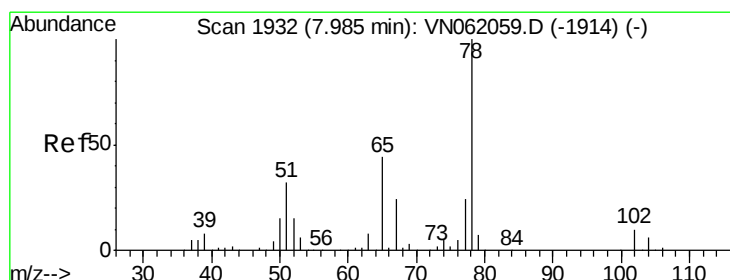
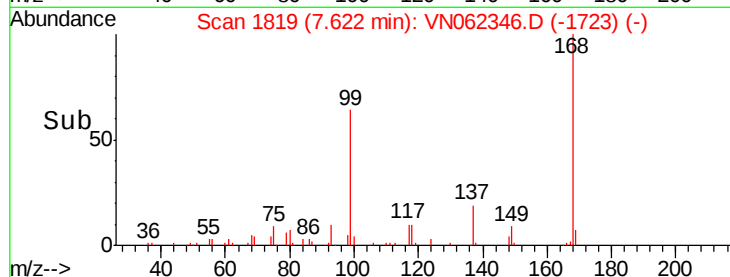
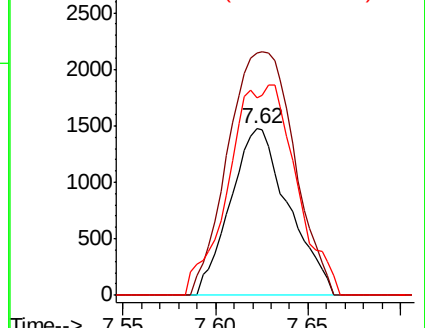
84 118.8 76.1 114.1#



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: 59.520 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062346.D

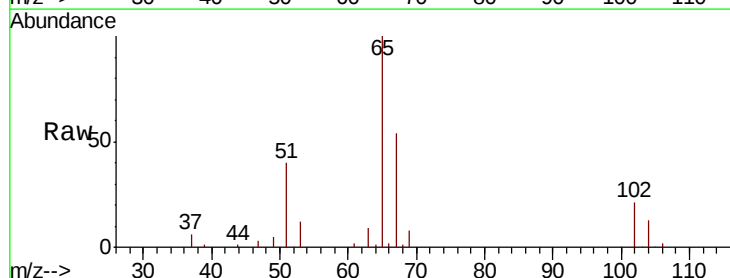
Acq: 2 Jul 2020 20:31

Tgt Ion: 65 Resp: 103563

Ion Ratio Lower Upper

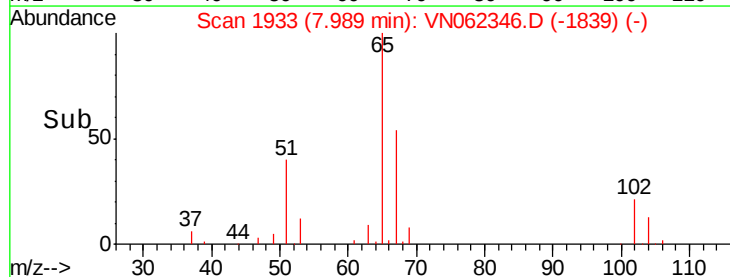
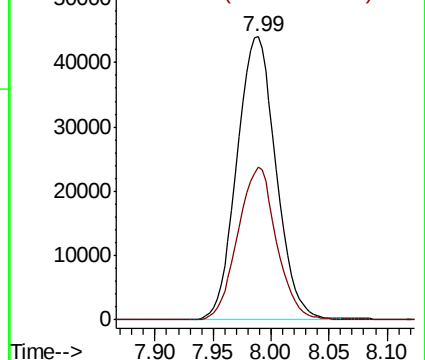
65 100

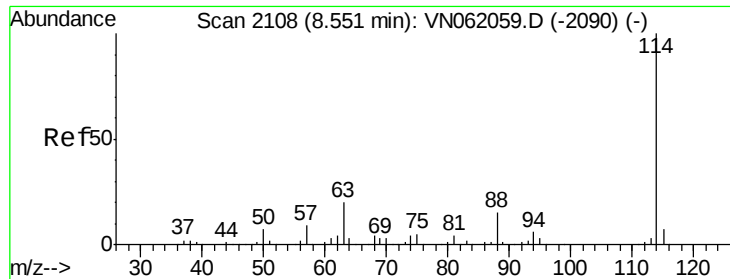
67 53.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

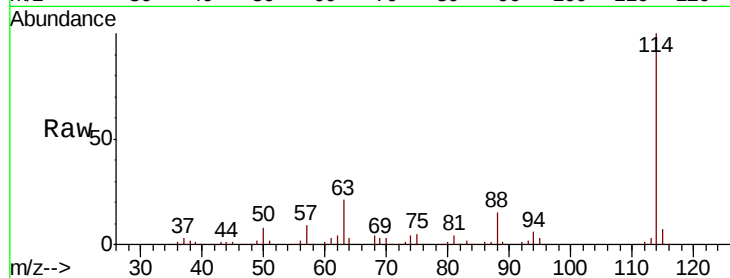




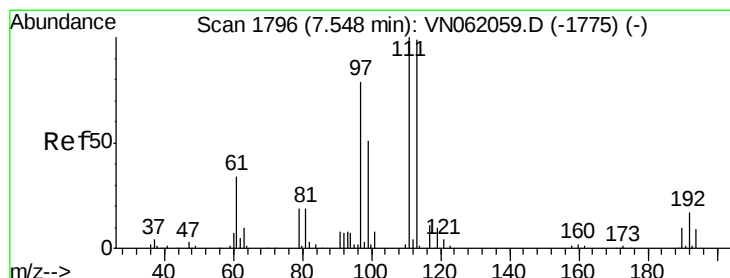
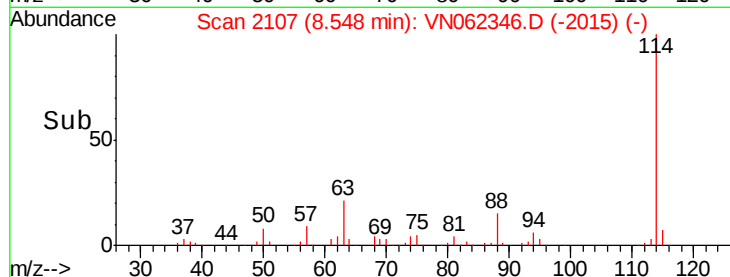
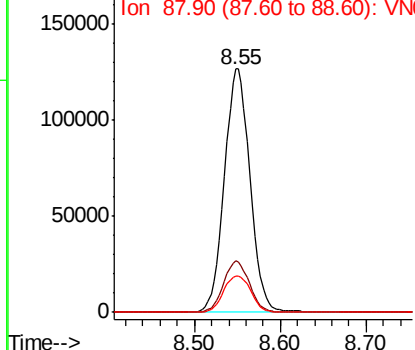
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.55 min Scan# 2107  
Delta R.T. -0.00 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB129917ZHE#04

Tot Ion:114 Resp: 261952  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 39.2  
88 15.1 0.0 30.8

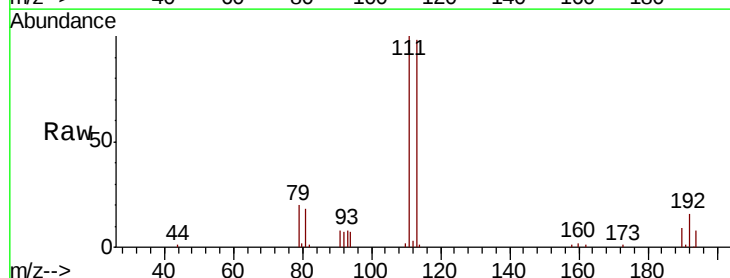


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VN  
Ion 87.90 (87.60 to 88.60): VN

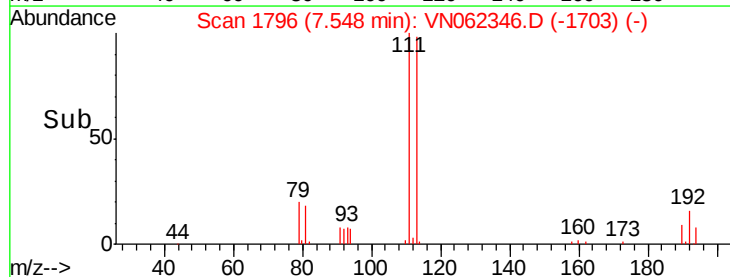
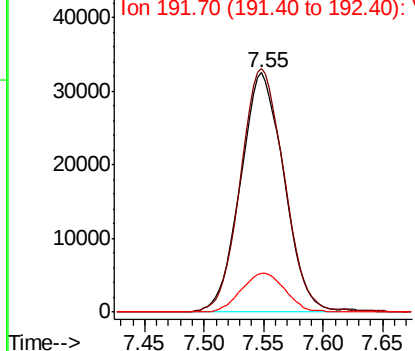


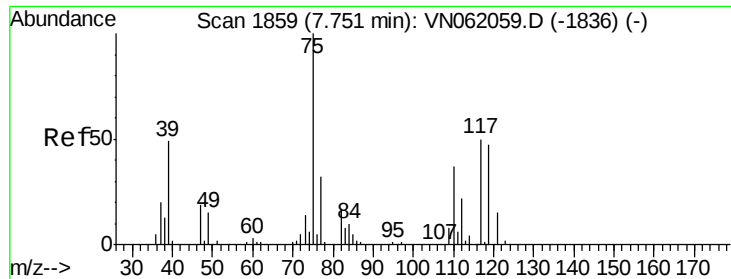
#35  
Dibromofluoromethane  
Concen: 48.919 ug/l  
RT: 7.55 min Scan# 1796  
Delta R.T. -0.00 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

Tgt Ion:113 Resp: 82210  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.2 123.4  
192 16.4 14.0 21.0



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

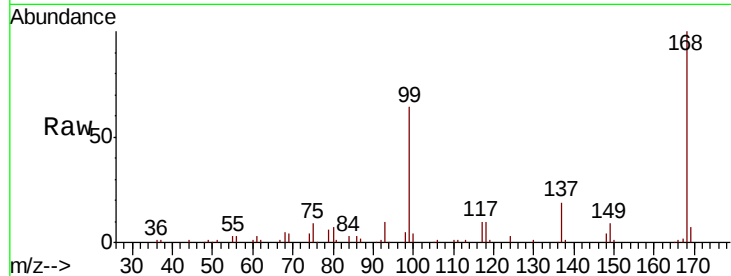




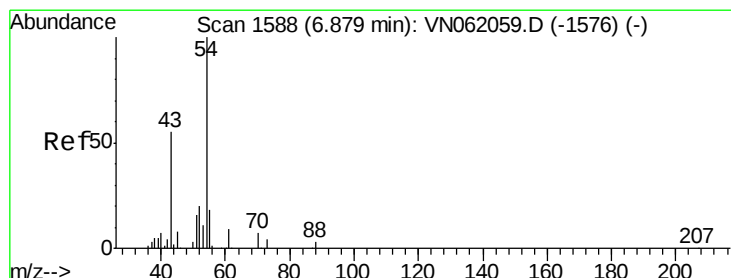
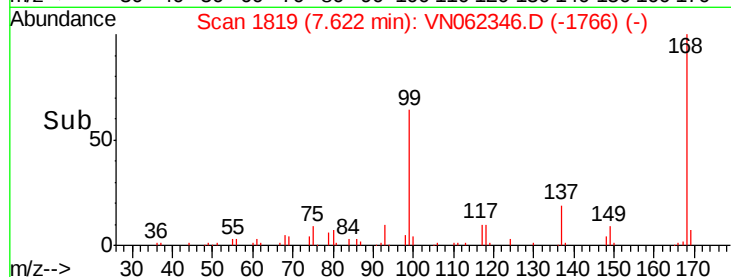
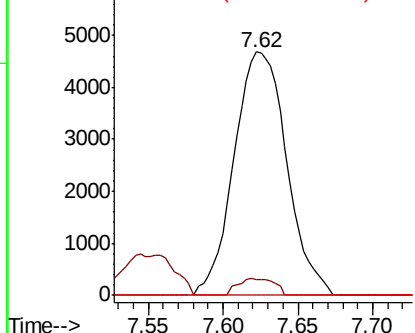
#36  
 1,1-Dichloropropene  
 Concen: 4.352 ug/l  
 RT: 7.62 min Scan# 1819  
 Delta R.T. -0.13 min  
 Lab File: VN062346.D  
 Acq: 2 Jul 2020 20:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB129917ZHE#04

Tot Ion: 75 Resp: 11459  
 Ion Ratio Lower Upper  
 75 100  
 110 4.7 17.9 53.8#  
 77 0.0 24.9 37.3#

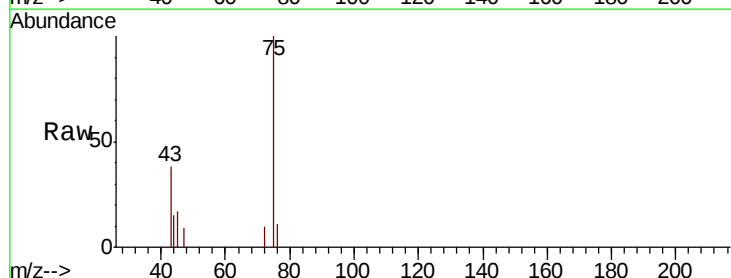


Abundance Ion 74.90 (74.60 to 75.60): VN0  
 Ion 109.90 (109.60 to 110.60): VN0  
 Ion 76.90 (76.60 to 77.60): VN0

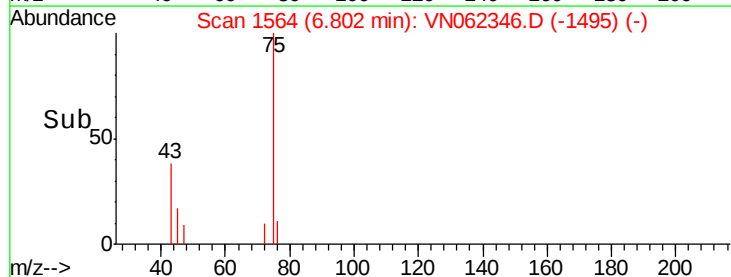
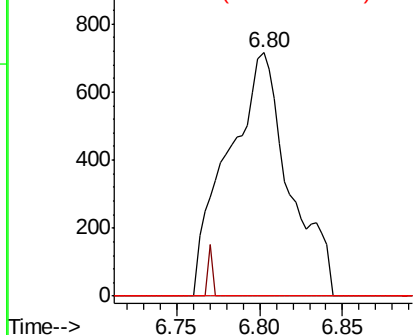


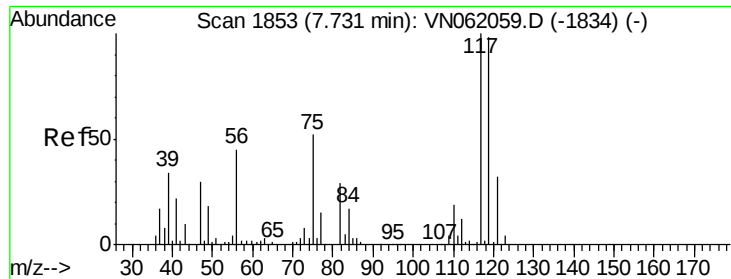
#37  
 Ethyl Acetate  
 Concen: 0.847 ug/l  
 RT: 6.80 min Scan# 1564  
 Delta R.T. -0.08 min  
 Lab File: VN062346.D  
 Acq: 2 Jul 2020 20:31

Tgt Ion: 43 Resp: 1847  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 12.0 18.0#  
 70 0.0 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0  
 Ion 60.90 (60.60 to 61.60): VN0  
 Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.249 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062346.D

Acq: 2 Jul 2020 20:31

Instrument :

MSVOA\_N

ClientSampleId :

PB129917ZHE#04

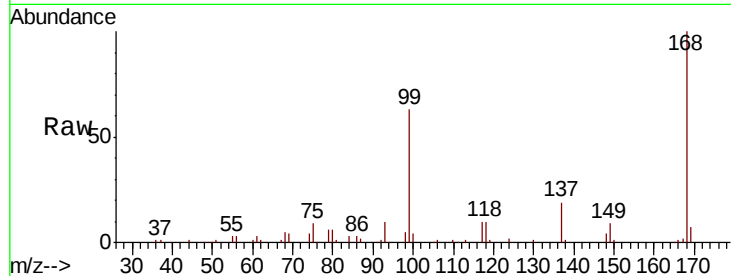
Tot Ion:117 Resp: 13030

Ion Ratio Lower Upper

117 100

119 6.1 78.2 117.2#

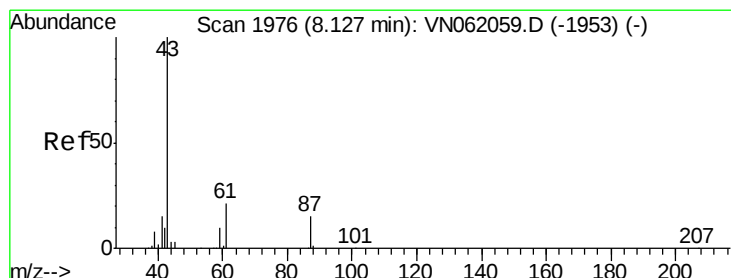
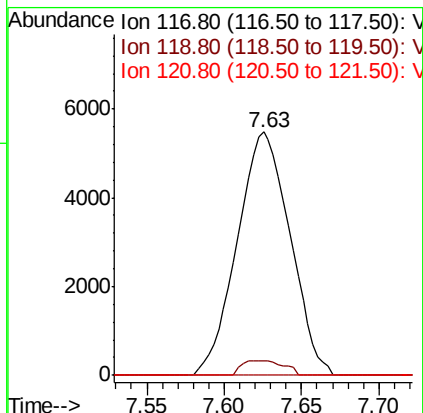
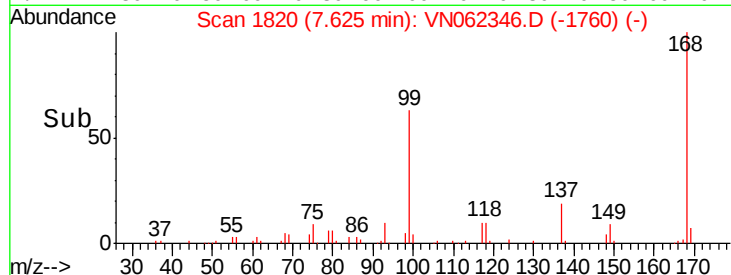
121 0.0 25.8 38.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 13.224 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062346.D

Acq: 2 Jul 2020 20:31

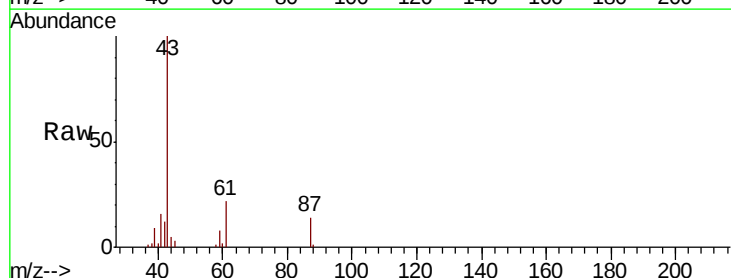
Tgt Ion: 43 Resp: 47002

Ion Ratio Lower Upper

43 100

61 21.2 17.2 25.8

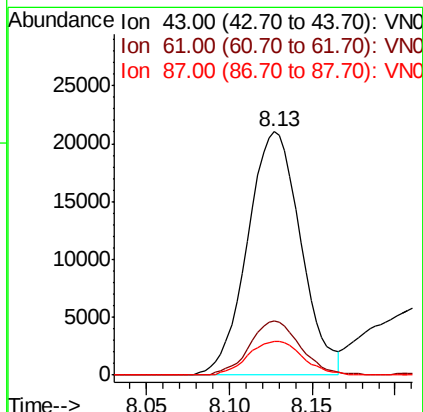
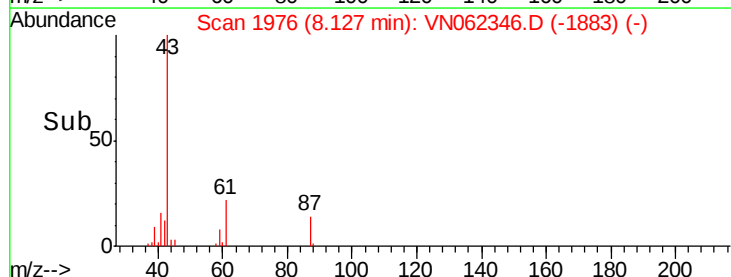
87 14.2 12.1 18.1

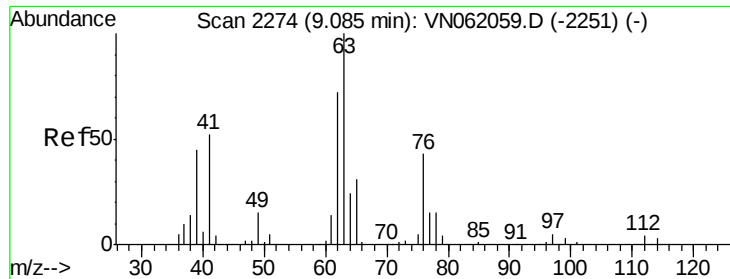


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

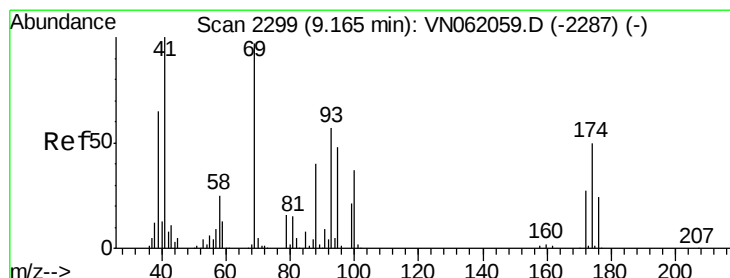
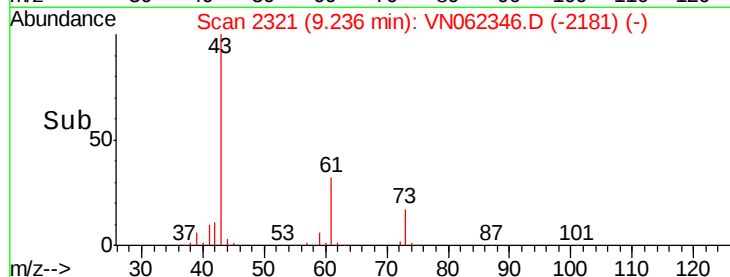
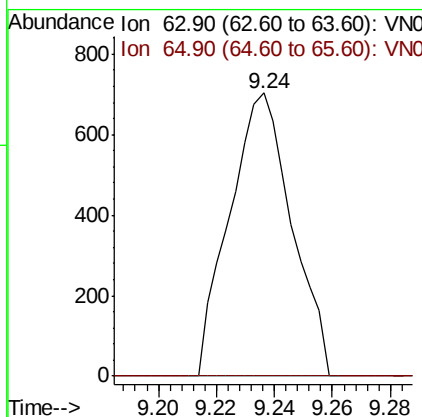
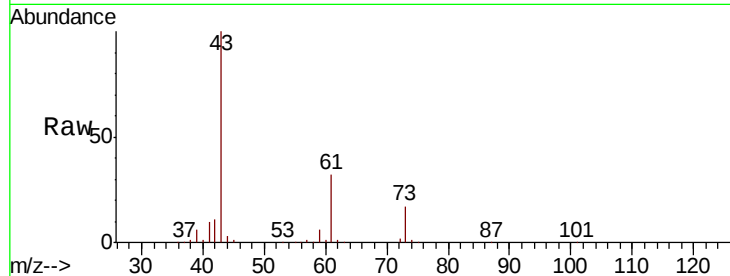




#45  
 1,2-Dichloropropane  
 Concen: 0.529 ug/l  
 RT: 9.24 min Scan# 2321  
 Delta R.T. 0.15 min  
 Lab File: VN062346.D  
 Acq: 2 Jul 2020 20:31

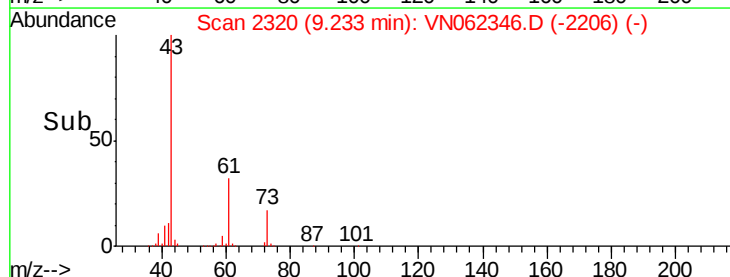
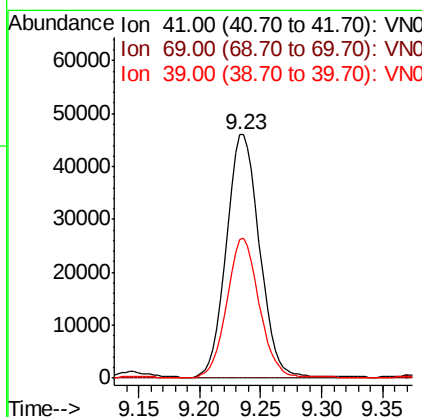
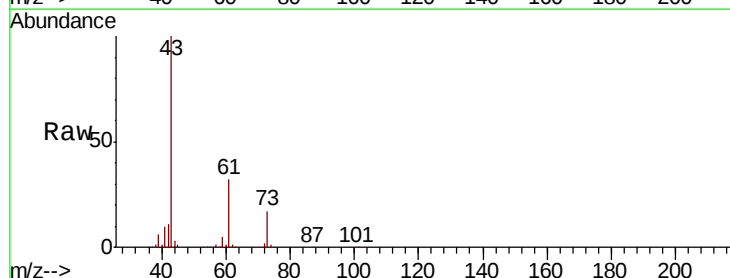
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB129917ZHE#04

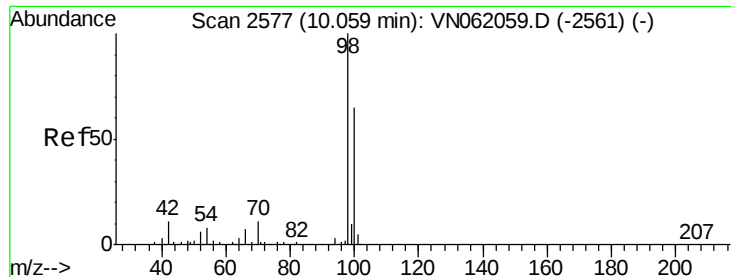
Tot Ion: 63 Resp: 1047  
 Ion Ratio Lower Upper  
 63 100  
 65 0.0 25.0 37.4#



#48  
 Methyl methacrylate  
 Concen: 55.234 ug/l  
 RT: 9.23 min Scan# 2320  
 Delta R.T. 0.07 min  
 Lab File: VN062346.D  
 Acq: 2 Jul 2020 20:31

Tgt Ion: 41 Resp: 88022  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 80.7 121.1#  
 39 56.1 54.5 81.7





#50

Toluene-d8

Concen: 51.219 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062346.D

Acq: 2 Jul 2020 20:31

Instrument :

MSVOA\_N

ClientSampleId :

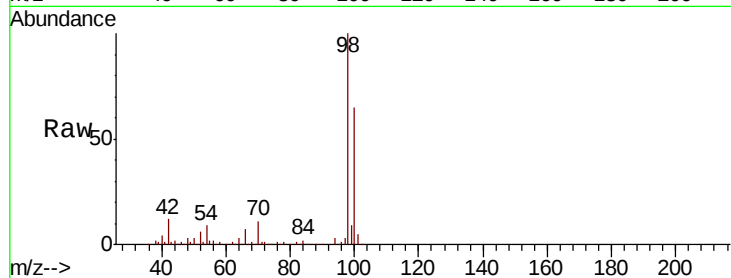
PB129917ZHE#04

Tot Ion: 98 Resp: 344073

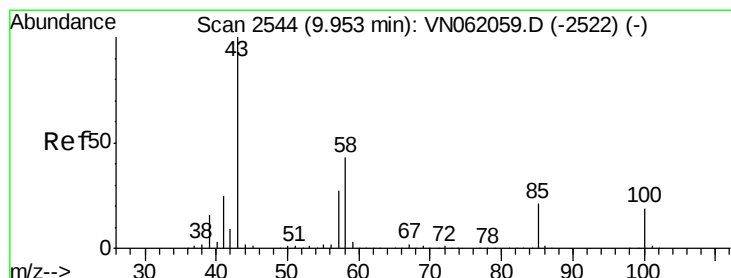
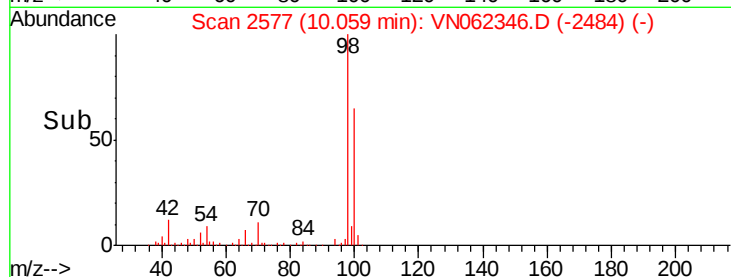
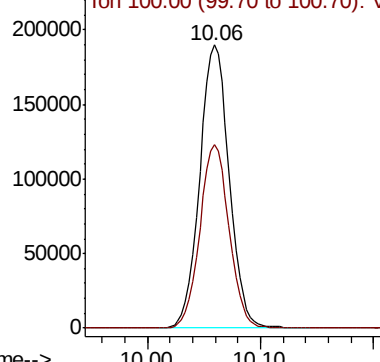
Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.946 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062346.D

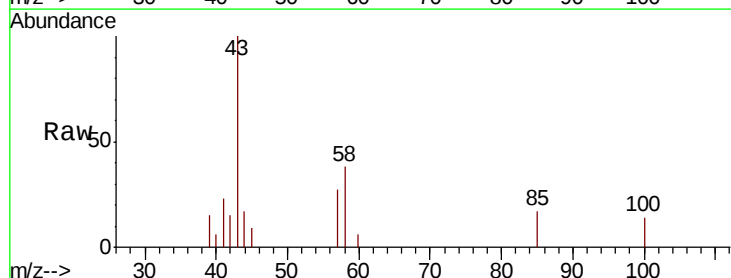
Acq: 2 Jul 2020 20:31

Tgt Ion: 43 Resp: 4040

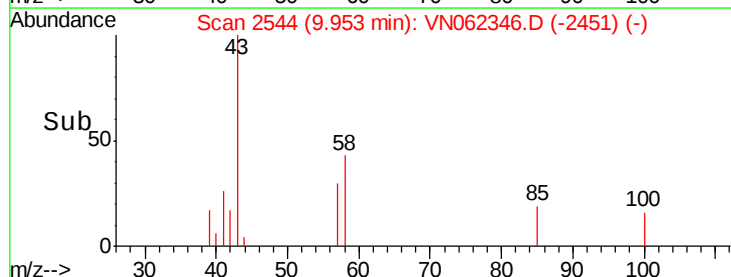
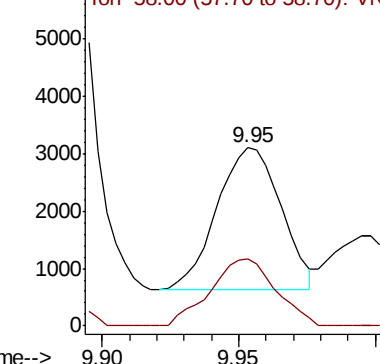
Ion Ratio Lower Upper

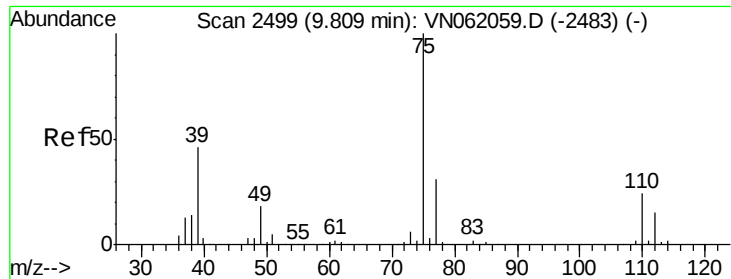
43 100

58 47.9 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

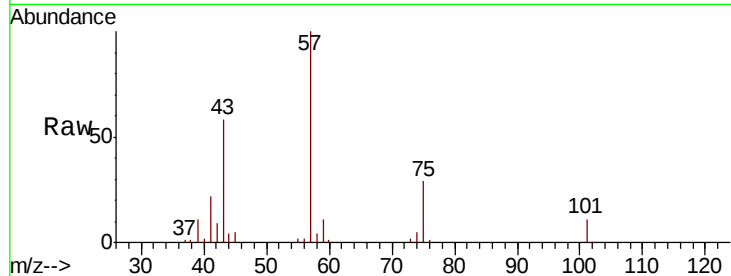




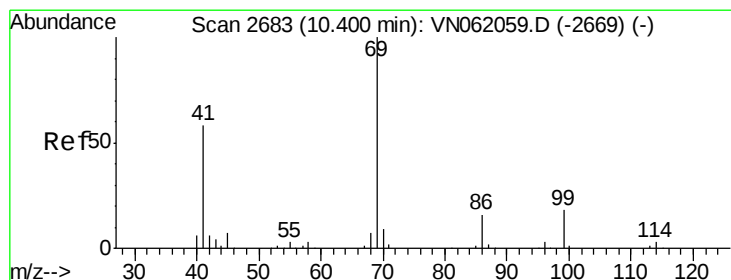
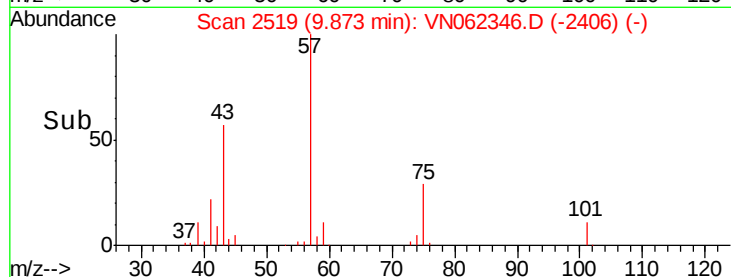
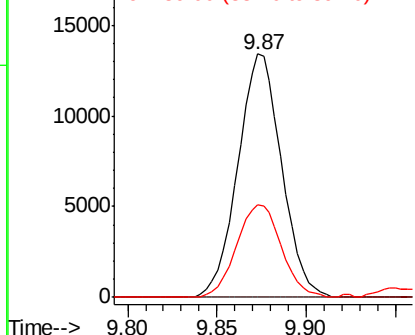
#54  
 cis-1,3-Dichloropropene  
 Concen: 7.226 ug/l  
 RT: 9.87 min Scan# 2519  
 Delta R.T. 0.06 min  
 Lab File: VN062346.D  
 Acq: 2 Jul 2020 20:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB129917ZHE#04

Tot Ion: 75 Resp: 22941  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.0 37.6#  
 39 37.8 36.9 55.3

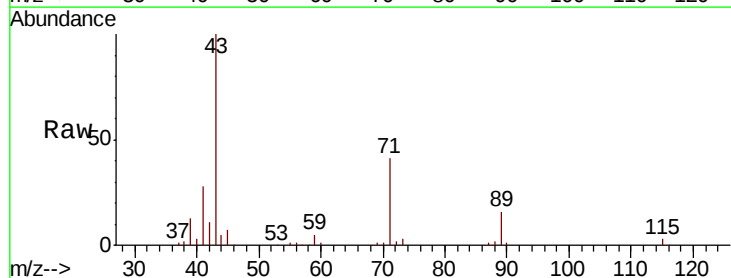


Abundance Ion 74.90 (74.60 to 75.60): VN0  
 Ion 76.90 (76.60 to 77.60): VN0  
 Ion 39.00 (38.70 to 39.70): VN0

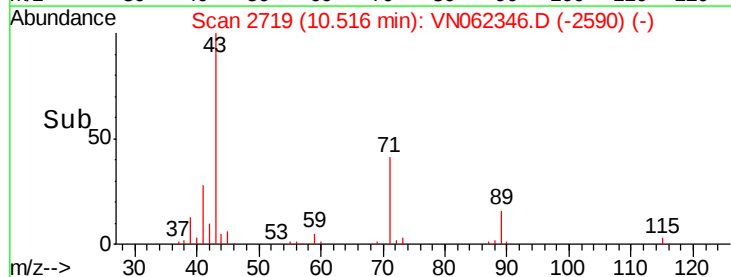
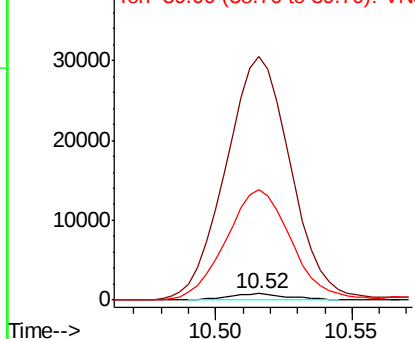


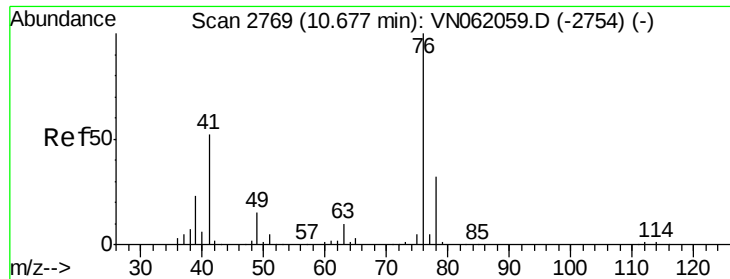
#56  
 Ethyl methacrylate  
 Concen: 0.449 ug/l  
 RT: 10.52 min Scan# 2719  
 Delta R.T. 0.12 min  
 Lab File: VN062346.D  
 Acq: 2 Jul 2020 20:31

Tgt Ion: 69 Resp: 1154  
 Ion Ratio Lower Upper  
 69 100  
 41 4405.6 46.6 70.0#  
 39 1999.7 31.0 46.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0  
 Ion 41.00 (40.70 to 41.70): VN0  
 Ion 39.00 (38.70 to 39.70): VN0

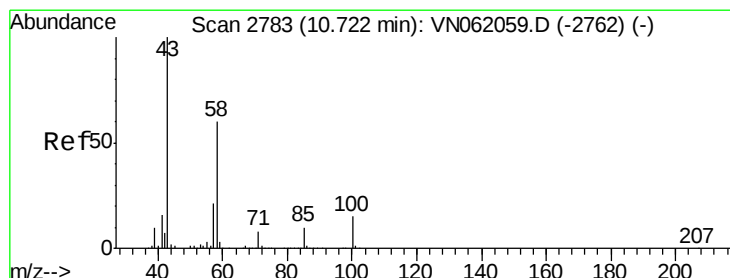
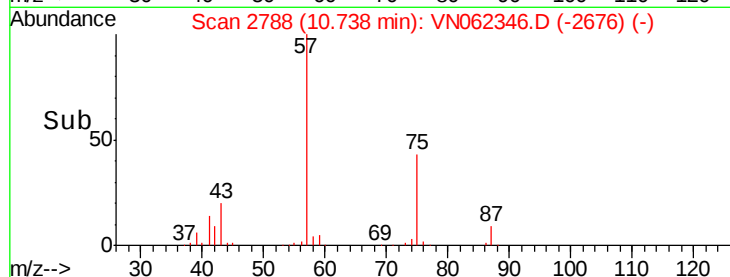
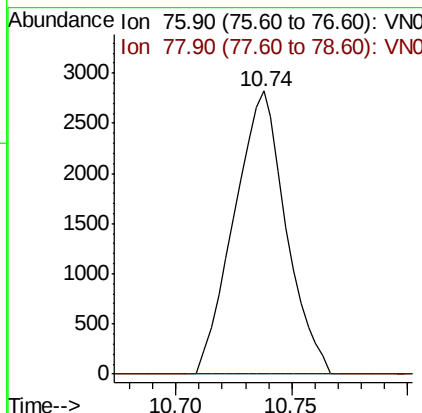
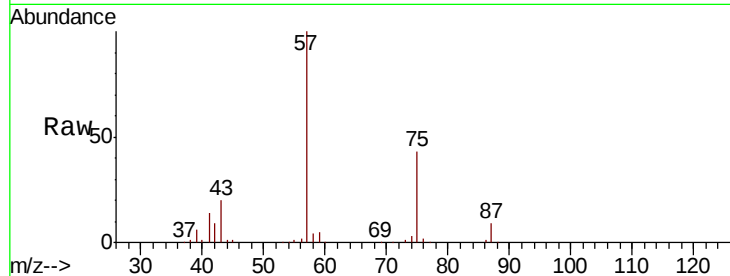




#57  
 1,3-Dichloropropane  
 Concen: 1.320 ug/l  
 RT: 10.74 min Scan# 2788  
 Delta R.T. 0.06 min  
 Lab File: VN062346.D  
 Acq: 2 Jul 2020 20:31

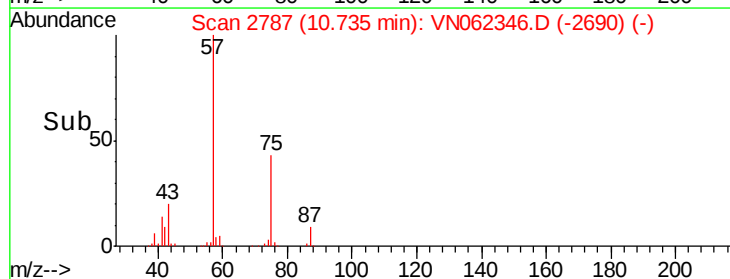
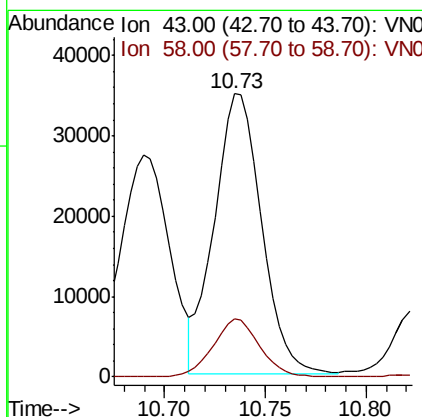
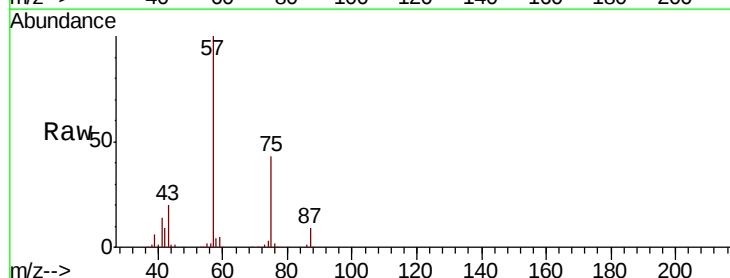
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB129917ZHE#04

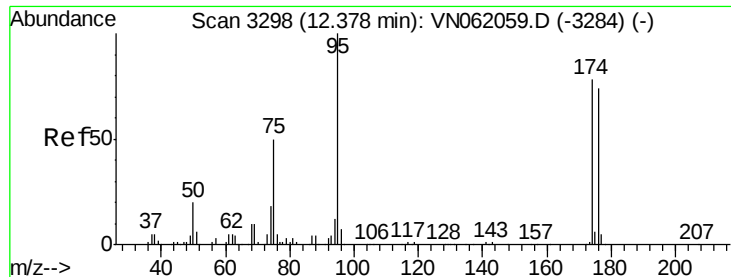
Tot Ion: 76 Resp: 4372  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.8 38.8#



#59  
 2-Hexanone  
 Concen: 38.236 ug/l  
 RT: 10.73 min Scan# 2787  
 Delta R.T. 0.01 min  
 Lab File: VN062346.D  
 Acq: 2 Jul 2020 20:31

Tgt Ion: 43 Resp: 57334  
 Ion Ratio Lower Upper  
 43 100  
 58 20.2 29.5 88.5#

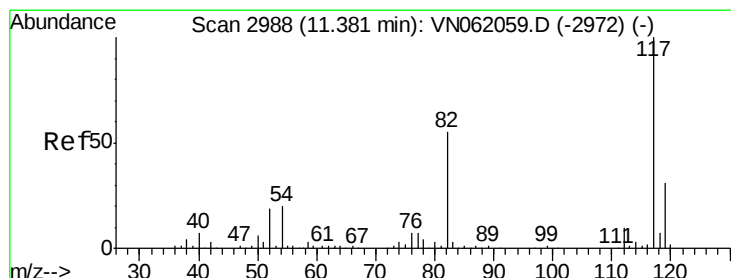
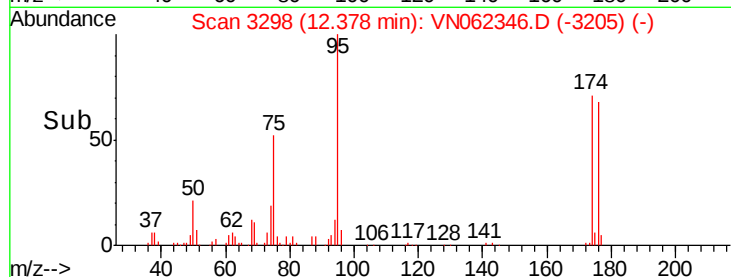
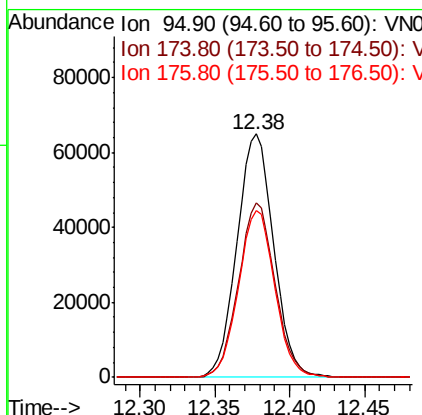
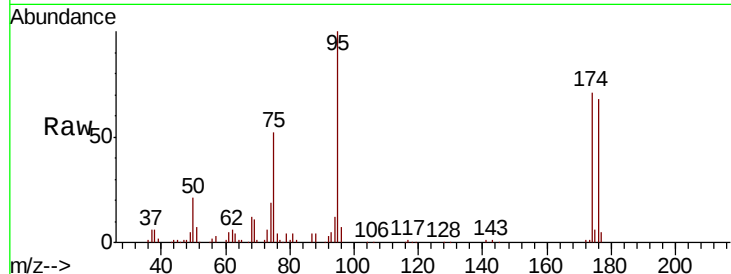




#62  
4-Bromofluorobenzene  
Concen: 49.010 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. -0.00 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

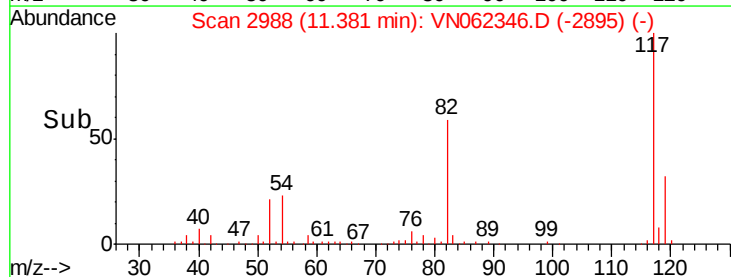
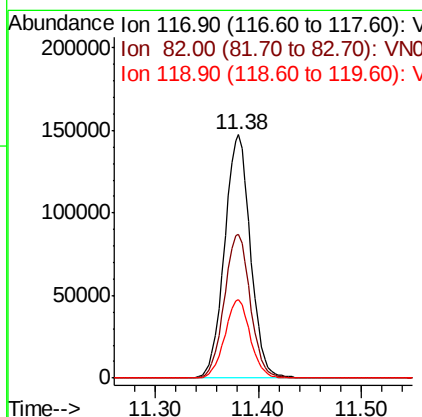
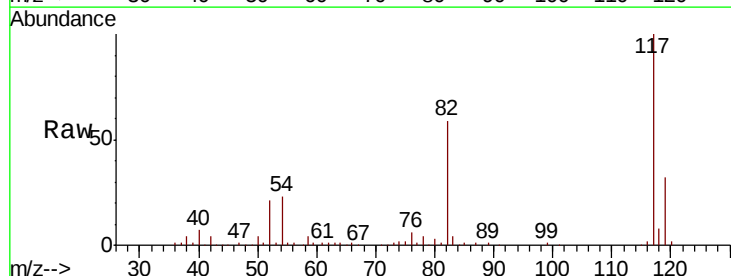
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB129917ZHE#04

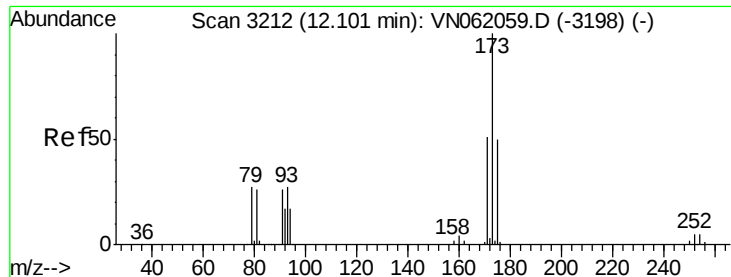
| Tot Ion   | 95   | Resp | 111   | 235 |
|-----------|------|------|-------|-----|
| Ion Ratio | 100  |      |       |     |
| Lower     |      |      |       |     |
| Upper     |      |      |       |     |
| 174       | 71.3 | 0.0  | 154.8 |     |
| 176       | 67.5 | 0.0  | 147.4 |     |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

| Tgt Ion   | 117  | Resp | 257  | 264 |
|-----------|------|------|------|-----|
| Ion Ratio | 100  |      |      |     |
| Lower     |      |      |      |     |
| Upper     |      |      |      |     |
| 82        | 59.2 | 43.8 | 65.8 |     |
| 119       | 32.4 | 25.2 | 37.8 |     |





#71

Bromoform

Concen: 0.652 ug/l

RT: 12.38 min Scan# 3300

Delta R.T. 0.28 min

Lab File: VN062346.D

Acq: 2 Jul 2020 20:31

Instrument :

MSVOA\_N

ClientSampleId :

PB129917ZHE#04

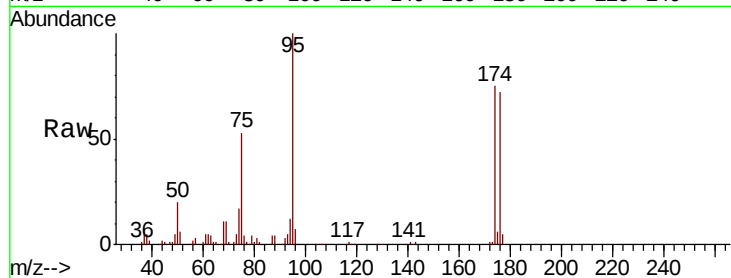
Tot Ion:173 Resp: 905

Ion Ratio Lower Upper

173 100

175 578.1 24.7 74.1#

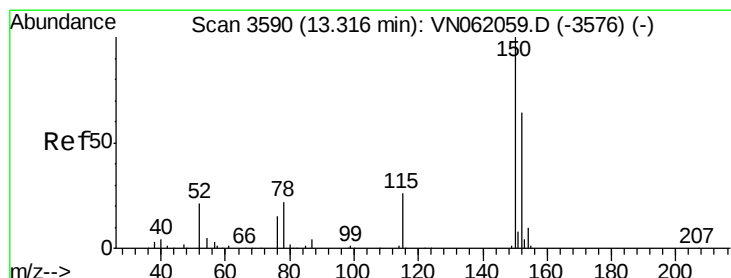
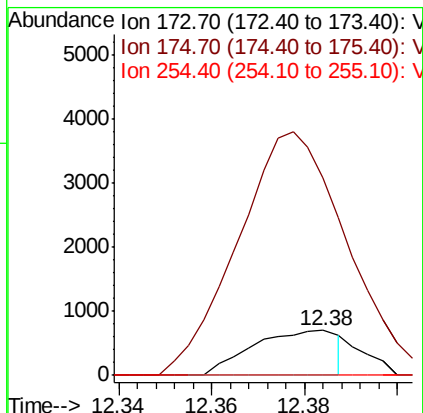
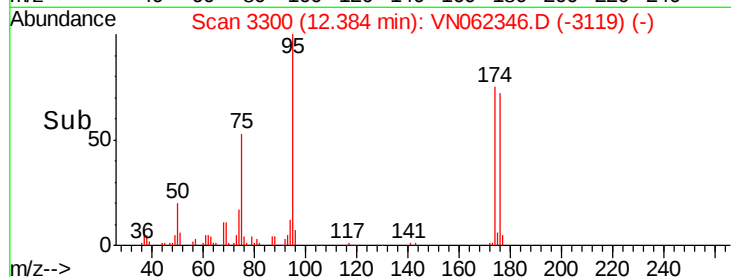
254 0.0 0.0 0.0



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: VN062346.D

Acq: 2 Jul 2020 20:31

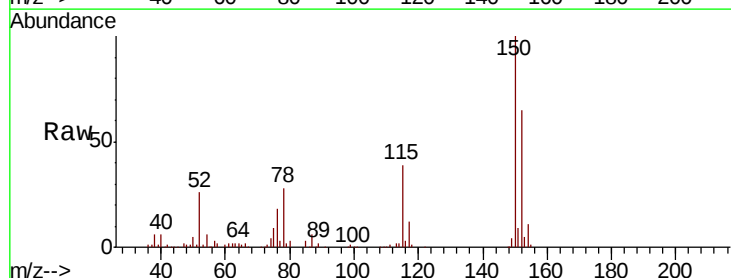
Tgt Ion:152 Resp: 90932

Ion Ratio Lower Upper

152 100

115 60.9 29.5 88.5

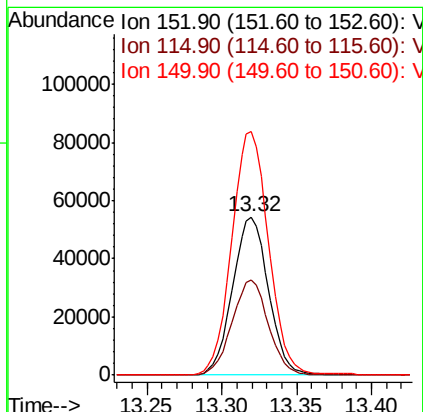
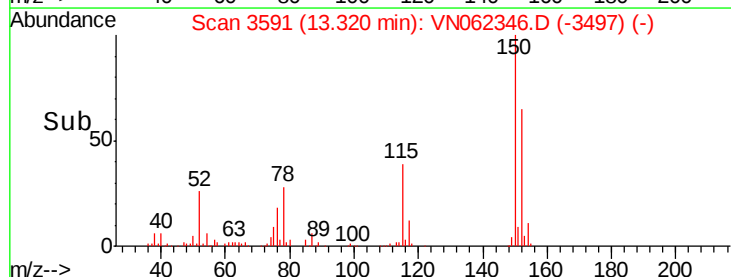
150 157.5 0.0 351.4

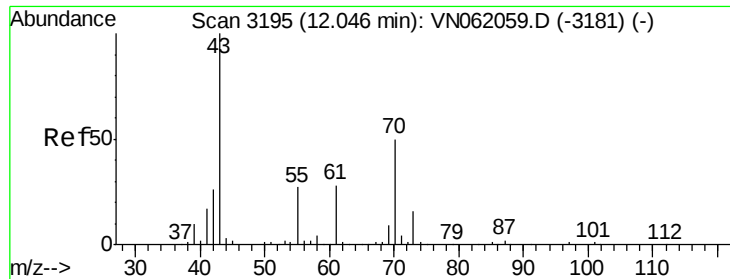


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.837 ug/l

RT: 12.01 min Scan# 3183

Delta R.T. -0.04 min

Lab File: VN062346.D

Acq: 2 Jul 2020 20:31

Instrument :

MSVOA\_N

ClientSampleId :

PB129917ZHE#04

Tot Ion: 43 Resp: 1370

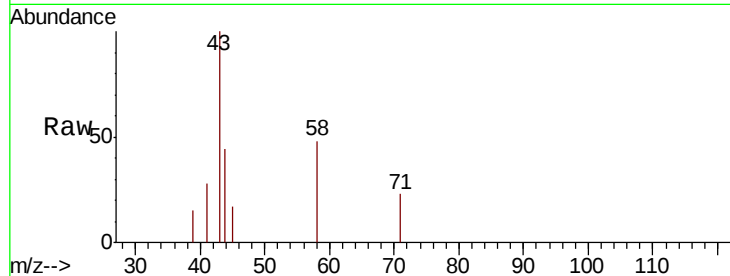
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

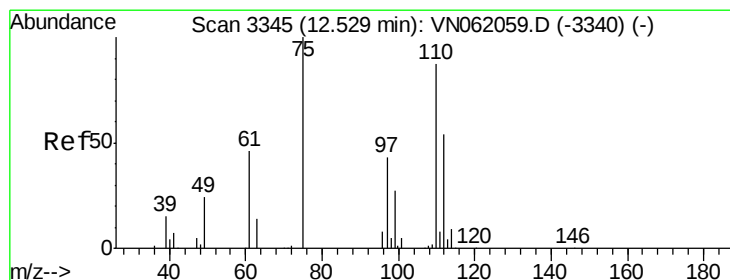
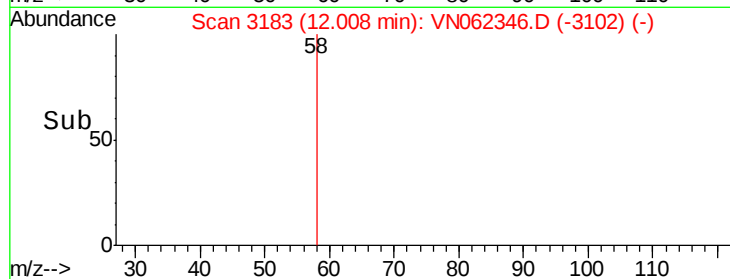
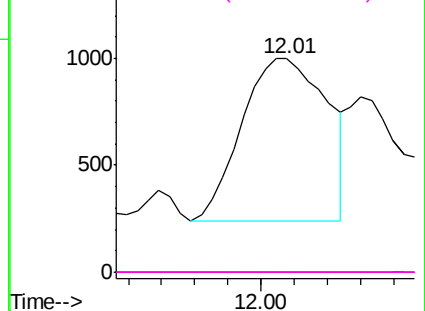


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 27.305 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062346.D

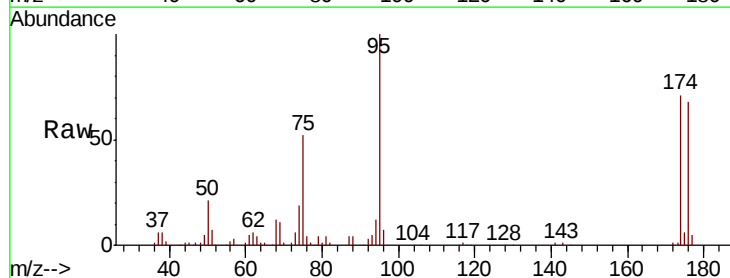
Acq: 2 Jul 2020 20:31

Tgt Ion: 75 Resp: 58449

Ion Ratio Lower Upper

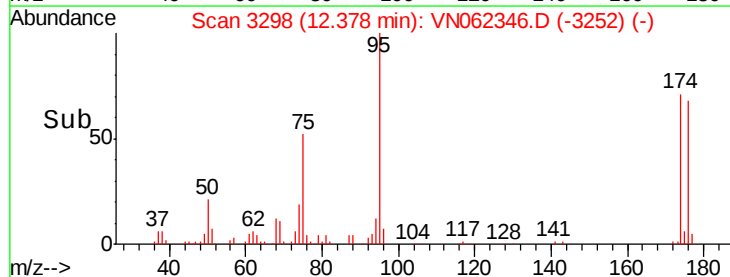
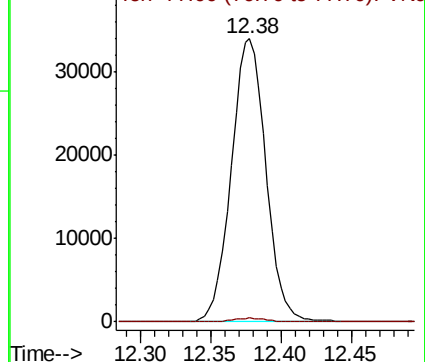
75 100

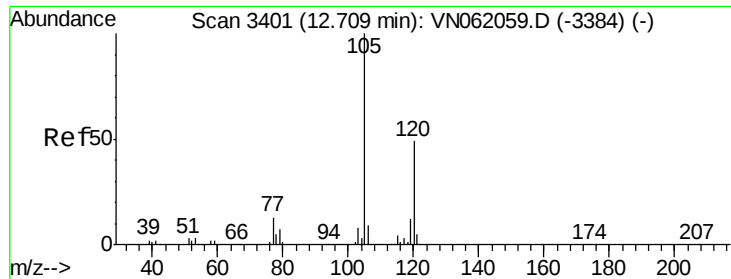
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

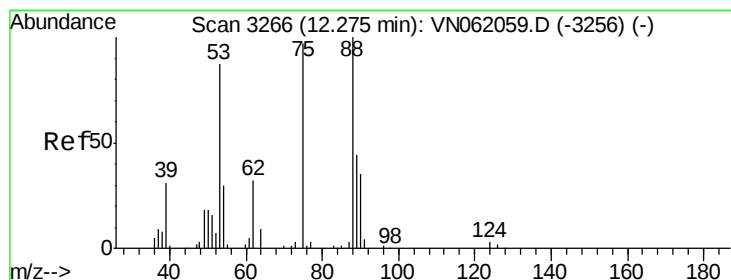
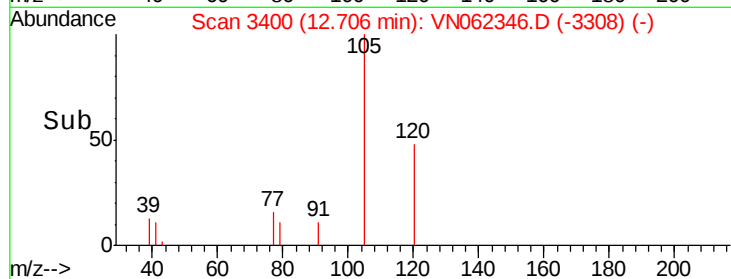
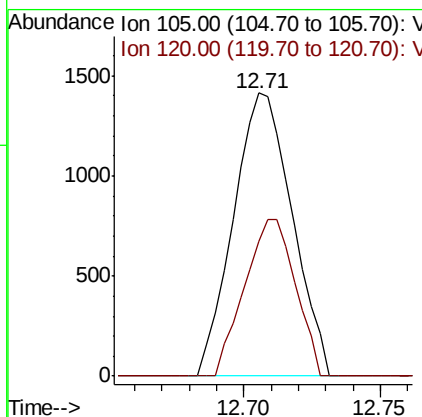
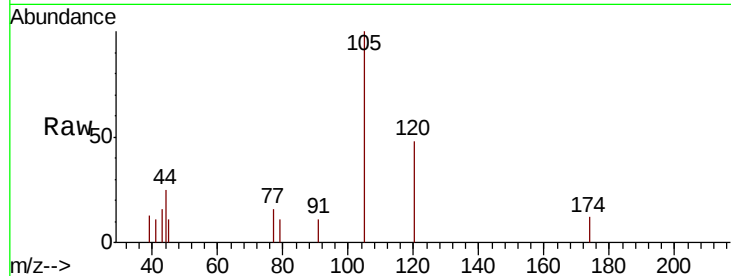




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.370 ug/l  
 RT: 12.71 min Scan# 3400  
 Delta R.T. -0.00 min  
 Lab File: VN062346.D  
 Acq: 2 Jul 2020 20:31

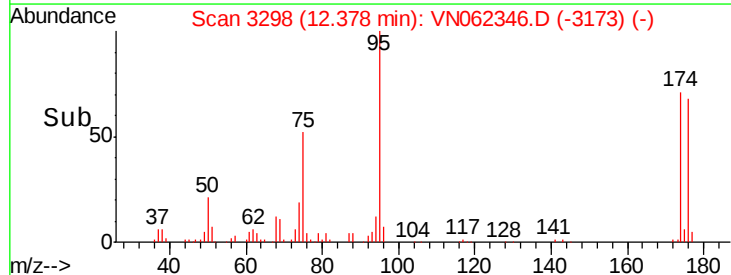
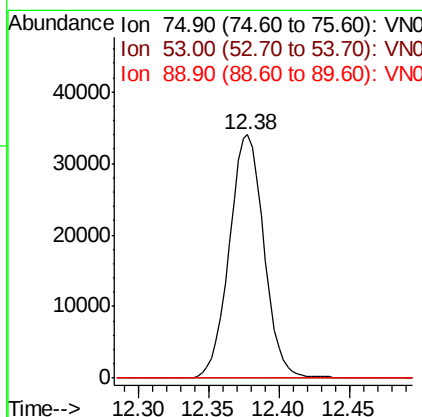
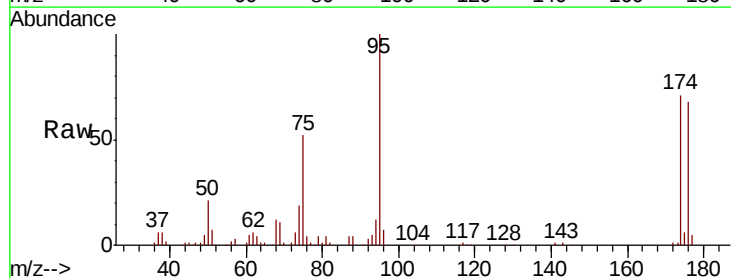
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB129917ZHE#04

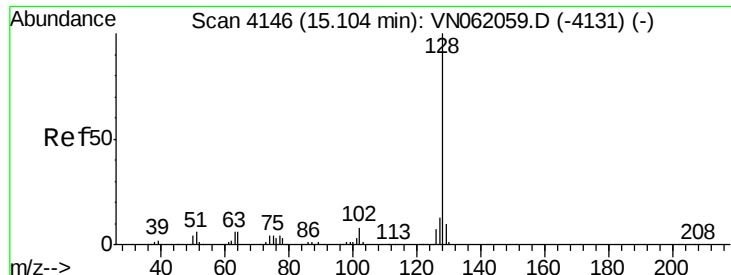
Tot Ion:105 Resp: 2110  
 Ion Ratio Lower Upper  
 105 100  
 120 48.0 24.6 74.0



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 79.740 ug/l  
 RT: 12.38 min Scan# 3298  
 Delta R.T. 0.10 min  
 Lab File: VN062346.D  
 Acq: 2 Jul 2020 20:31

Tgt Ion: 75 Resp: 58449  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 72.0 108.0#  
 89 0.0 36.9 55.3#





#95  
Naphthalene  
Concen: 4.035 ug/l  
RT: 15.12 min Scan# 4150  
Delta R.T. 0.01 min  
Lab File: VN062346.D  
Acq: 2 Jul 2020 20:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB129917ZHE#04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 0.0   | 10.5  | 15.7# |
| 129     | 0.0   | 8.6   | 13.0# |

