

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\  
 Data File : VN056823.D  
 Acq On : 19 Jul 2019 11:48  
 Operator : JC/SP  
 Sample : PB121463ZHE#09  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB121463ZHE#09

Quant Time: Jul 19 23:12:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:03:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 244742   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 443881   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 486888   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 171688   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 146198   | 54.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.00% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 134956   | 48.86 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.72%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 570709   | 53.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.98% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 208416   | 57.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 115.86% |          |

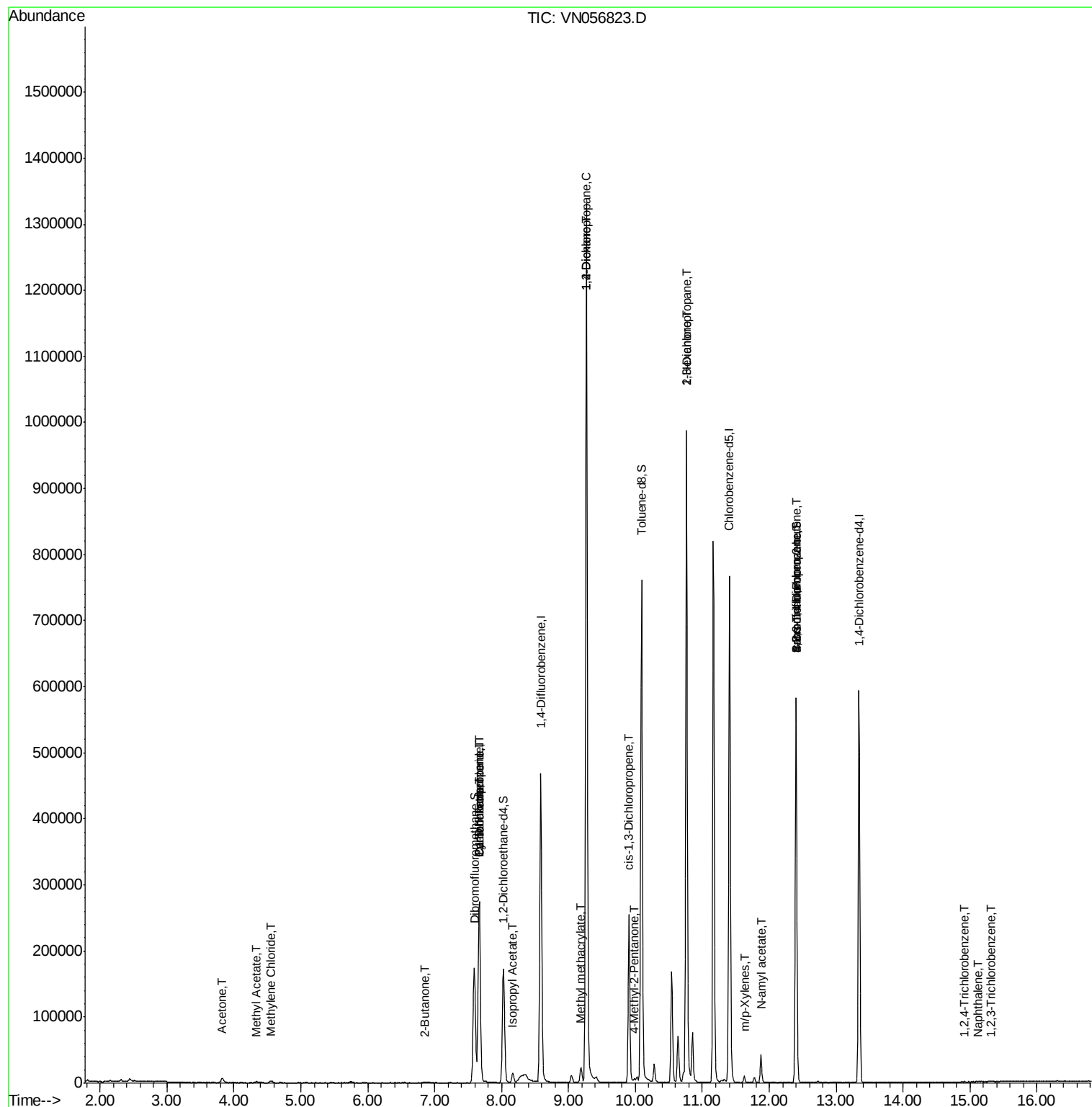
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 16) Acetone                    | 3.82  | 43   | 12622    | 10.118    | ug/l   | 98     |
| 18) Methyl Acetate             | 4.33  | 43   | 4068     | 0.488     | ug/l # | 71     |
| 20) Methylene Chloride         | 4.56  | 84   | 2236     | 0.820     | ug/l # | 83     |
| 25) 2-Butanone                 | 6.85  | 43   | 2823     | 1.548     | ug/l   | 97     |
| 31) Cyclohexane                | 7.66  | 56   | 3653     | 0.844     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 15610    | 3.800     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 21204    | 5.505     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 18251    | 2.868     | ug/l # | 88     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 1721     | 0.515     | ug/l # | 45     |
| 48) Methyl methacrylate        | 9.18  | 41   | 8751     | 2.843     | ug/l # | 13     |
| 49) 1,4-Dioxane                | 9.26  | 88   | 59       | 0.934     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 4016     | 0.974     | ug/l   | 99     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 48639    | 10.201    | ug/l # | 62     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 11000    | 2.148     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.76 | 43   | 144721   | 48.930    | ug/l # | 51     |
| 68) m/p-Xylenes                | 11.63 | 106  | 2973     | 0.455     | ug/l   | 83     |
| 71) Bromoform                  | 12.40 | 173  | 1497     | 0.537     | ug/l # | 1      |
| 74) N-amyl acetate             | 11.88 | 43   | 12907    | 2.503     | ug/l # | 51     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 96072    | 25.585    | ug/l # | 100    |
| 79) 2-Chlorotoluene            | 12.59 | 91   | 61       | Below Cal | #      | 39     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 96072    | 79.014    | ug/l # | 13     |
| 93) 1,2,4-Trichlorobenzene     | 14.92 | 180  | 106      | 3.721     | ug/l # | 58     |
| 95) Naphthalene                | 15.13 | 128  | 526      | 4.578     | ug/l # | 69     |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 407      | 3.437     | ug/l # | 56     |

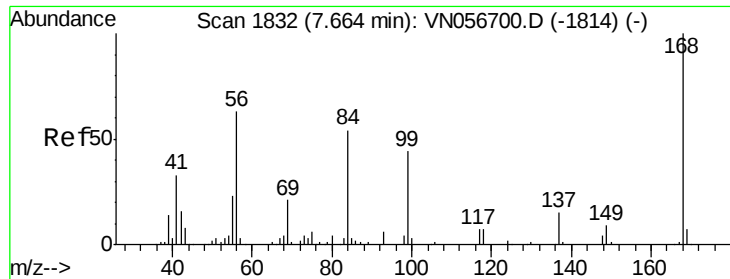
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jul 16 07:03:34 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA\_N

ClientSampleId :

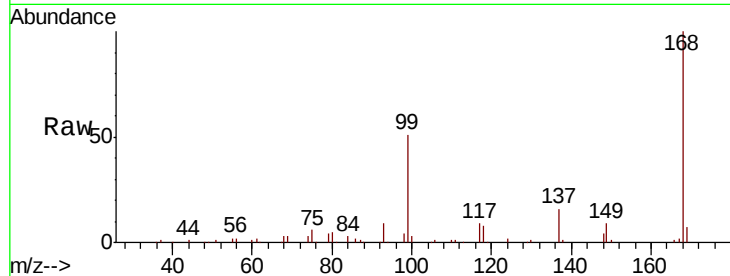
PB121463ZHE#09

Tot Ion:168 Resp: 244742

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056823.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056823.D (-1739) (-)

7.67

120000

100000

80000

60000

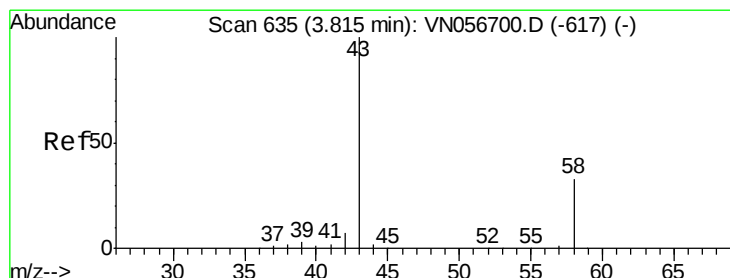
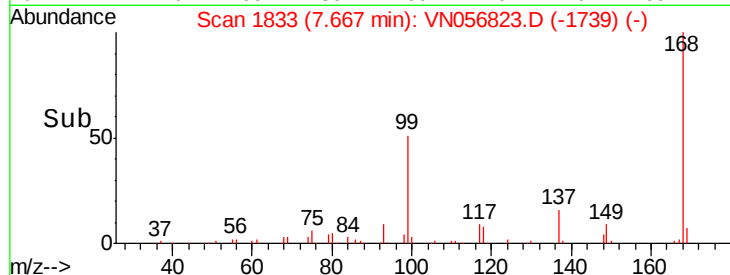
40000

20000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 10.118 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056823.D

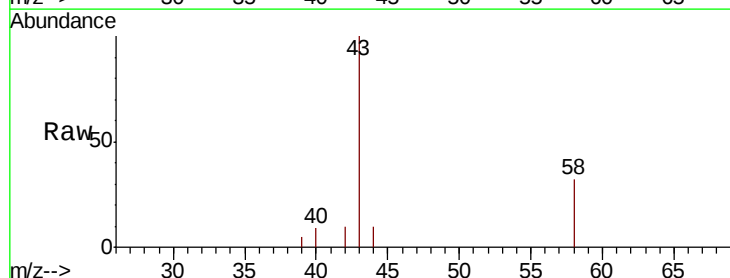
Acq: 19 Jul 2019 11:48

Tgt Ion: 43 Resp: 12622

Ion Ratio Lower Upper

43 100

58 32.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056823.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056823.D (-542) (-)

3.82

5000

4000

3000

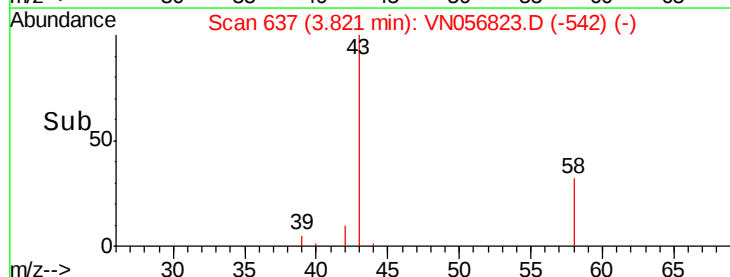
2000

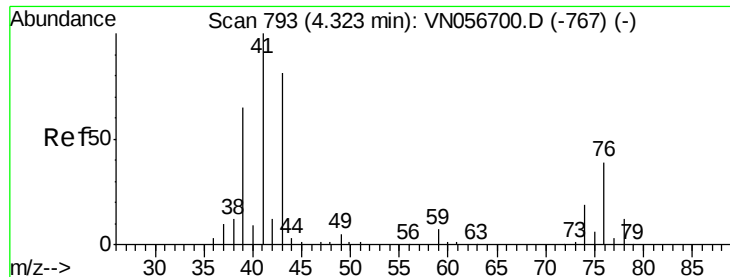
1000

0

Time-->

3.75 3.80 3.85 3.90

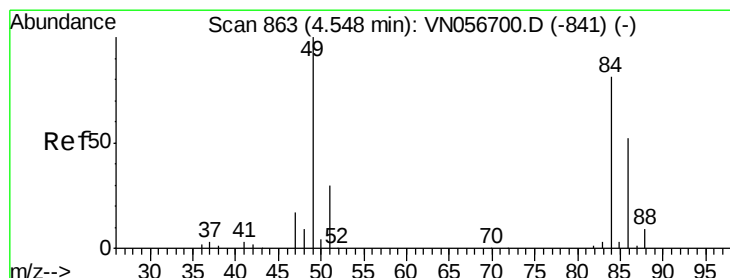
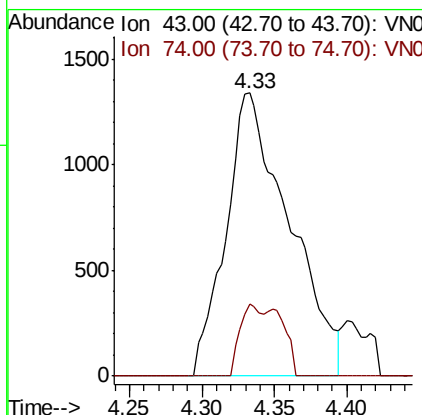
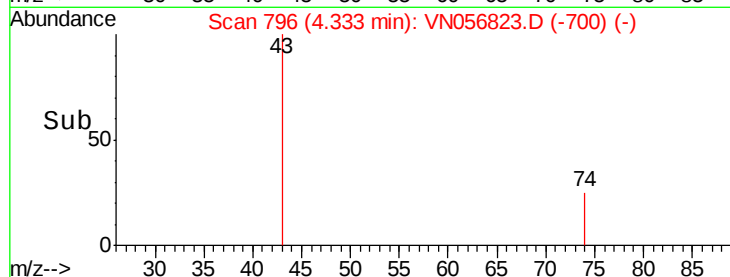
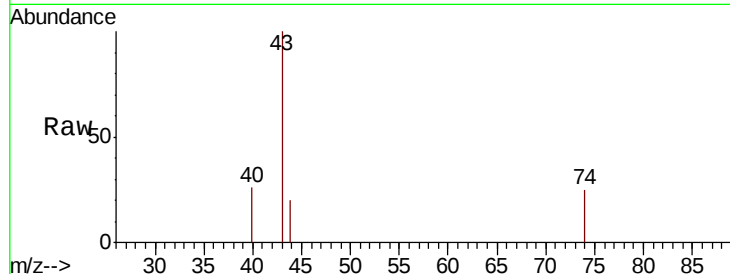




#18  
Methyl Acetate  
Concen: 0.488 ug/l  
RT: 4.33 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: VN056823.D  
Acq: 19 Jul 2019 11:48

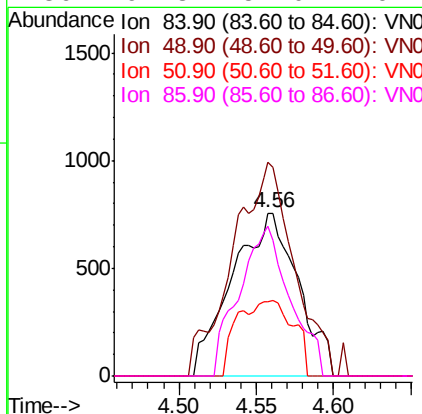
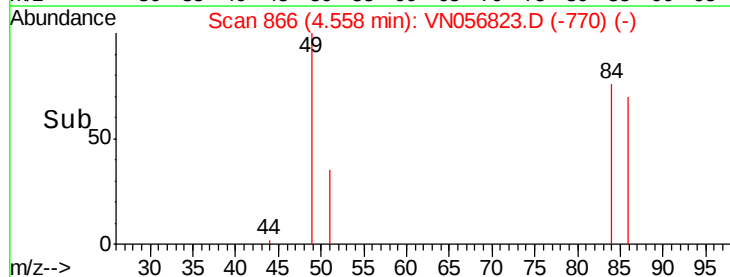
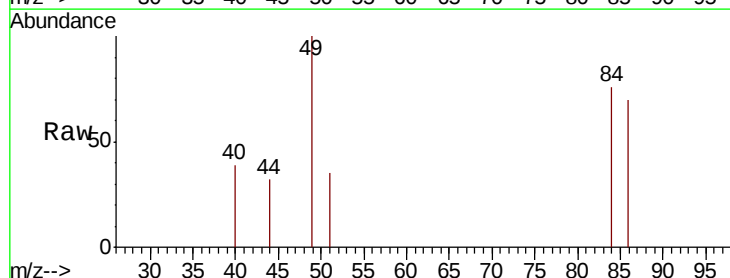
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB121463ZHE#09

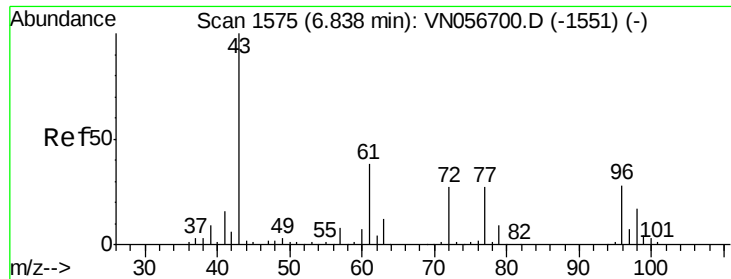
Tot Ion: 43 Resp: 4068  
Ion Ratio Lower Upper  
43 100  
74 9.2 18.9 28.3#



#20  
Methylene Chloride  
Concen: 0.820 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.01 min  
Lab File: VN056823.D  
Acq: 19 Jul 2019 11:48

Tgt Ion: 84 Resp: 2236  
Ion Ratio Lower Upper  
84 100  
49 131.4 98.2 147.4  
51 45.8 29.6 44.4#  
86 92.3 51.0 76.4#

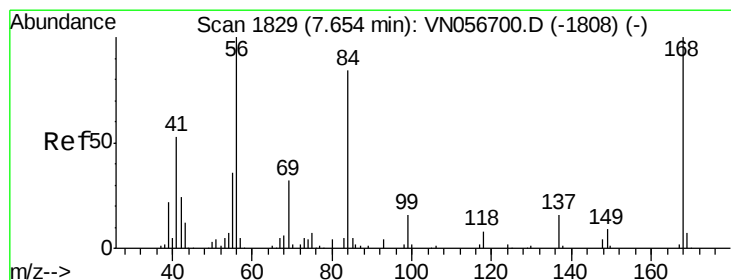
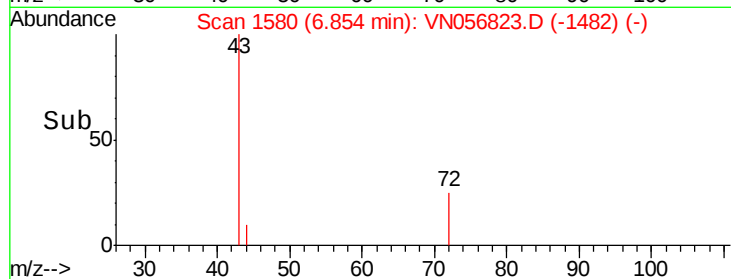
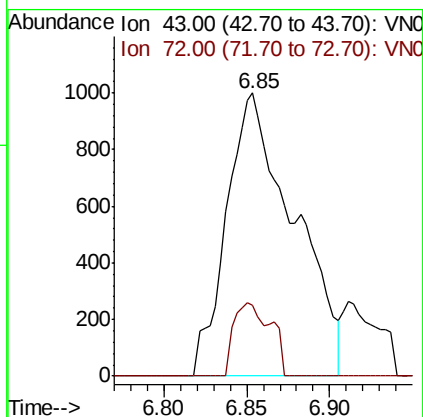
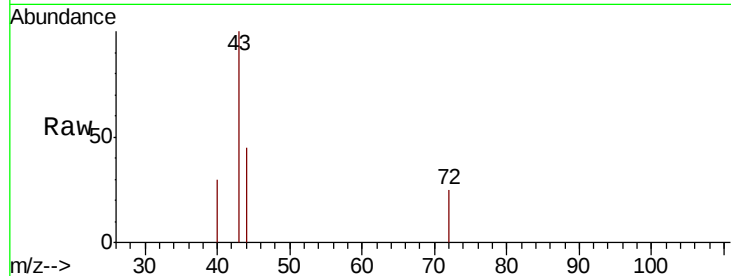




#25  
2-Butanone  
Concen: 1.548 ug/l  
RT: 6.85 min Scan# 1580  
Delta R.T. 0.02 min  
Lab File: VN056823.D  
Acq: 19 Jul 2019 11:48

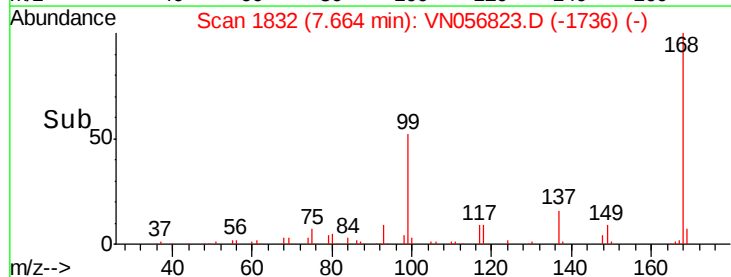
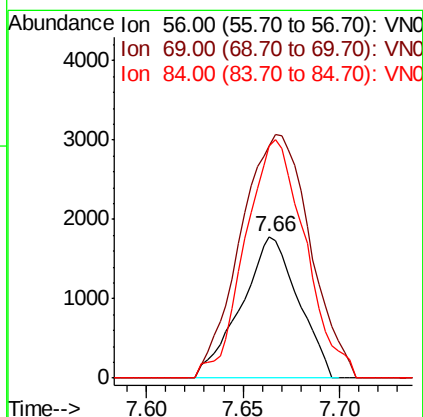
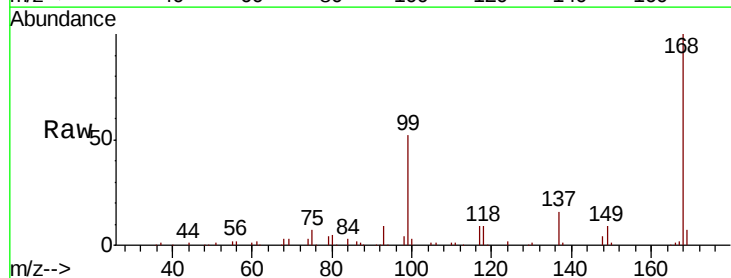
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MSVOA\_N  
ClientSampleId :  
PB121463ZHE#09

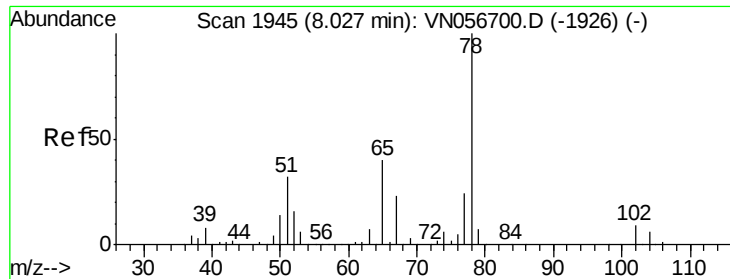
Tot Ion: 43 Resp: 2823  
Ion Ratio Lower Upper  
43 100  
72 25.0 21.2 31.8



#31  
Cyclohexane  
Concen: 0.844 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.01 min  
Lab File: VN056823.D  
Acq: 19 Jul 2019 11:48

Tgt Ion: 56 Resp: 3653  
Ion Ratio Lower Upper  
56 100  
69 163.7 25.8 38.8#  
84 163.7 67.4 101.0#

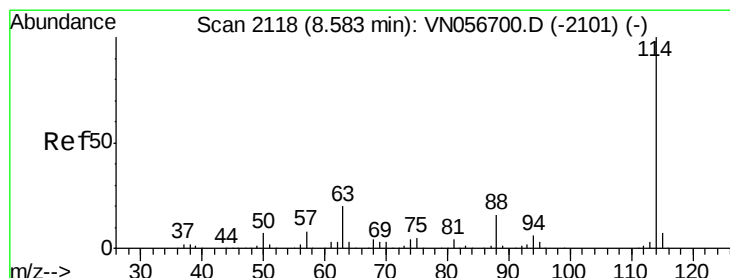
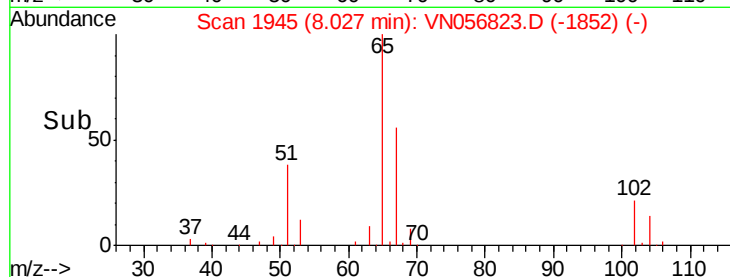
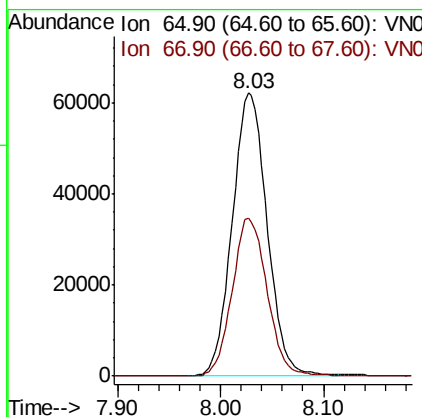
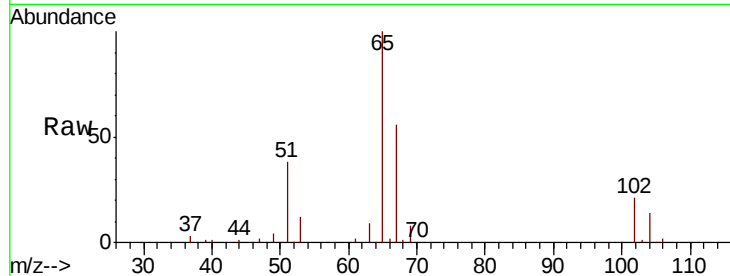




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.004 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN056823.D  
 Acq: 19 Jul 2019 11:48

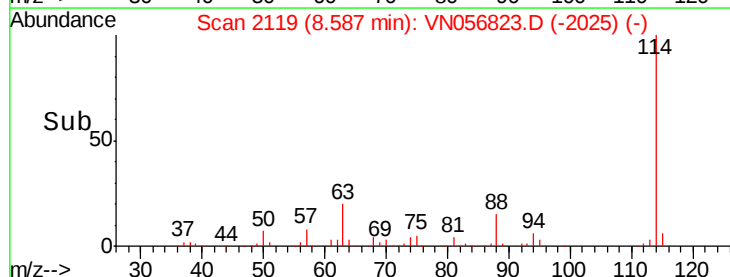
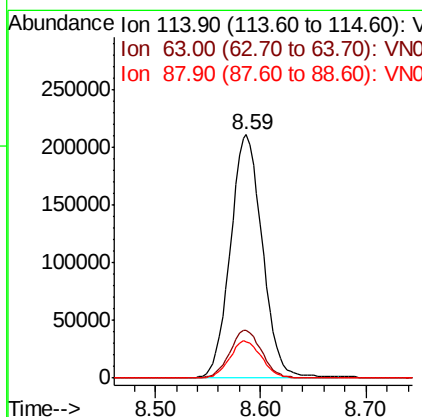
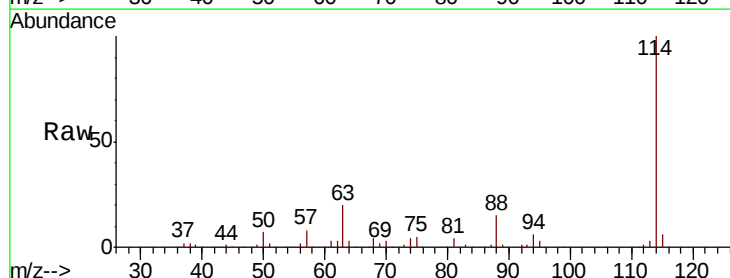
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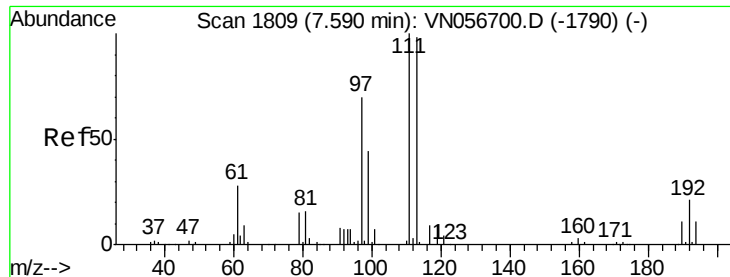
Tot Ion: 65 Resp: 146198  
 Ion Ratio Lower Upper  
 65 100  
 67 56.0 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN056823.D  
 Acq: 19 Jul 2019 11:48

Tgt Ion: 114 Resp: 443881  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 39.4  
 88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.855 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA\_N

ClientSampleId :

PB121463ZHE#09

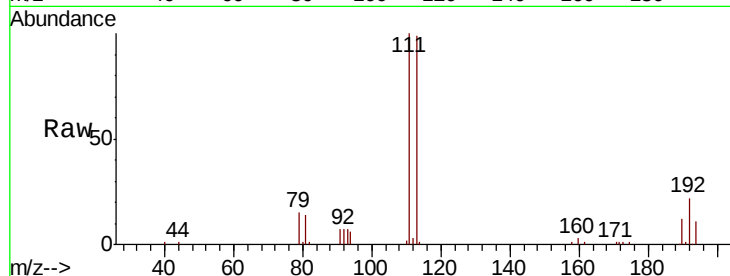
Tot Ion:113 Resp: 134956

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

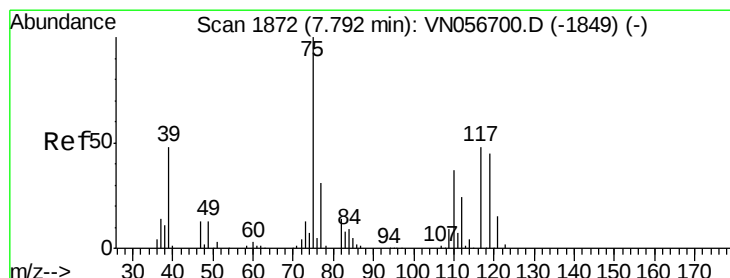
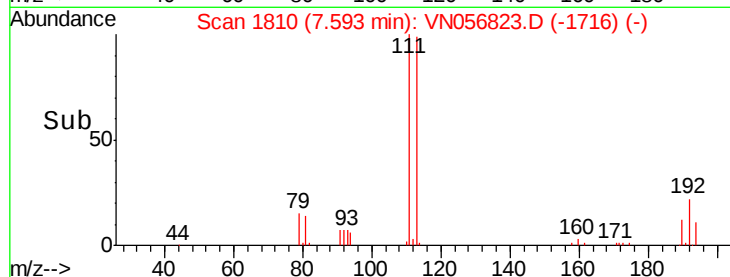
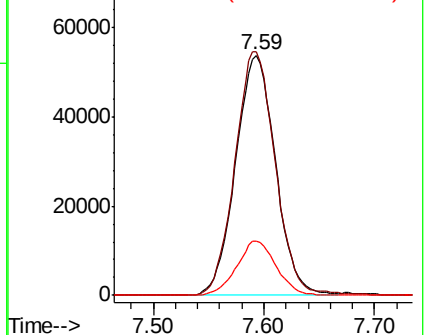
192 22.2 17.5 26.3



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: 3.800 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

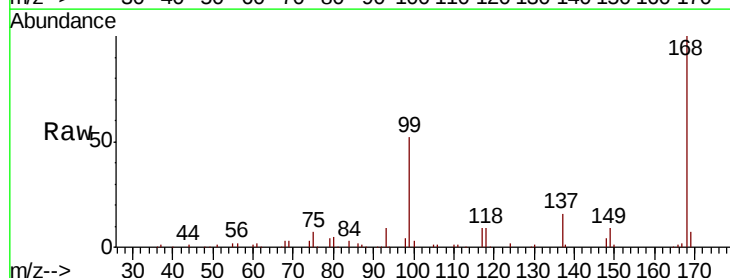
Tgt Ion: 75 Resp: 15610

Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.4#

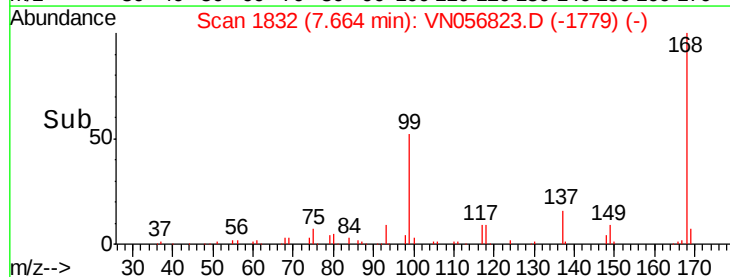
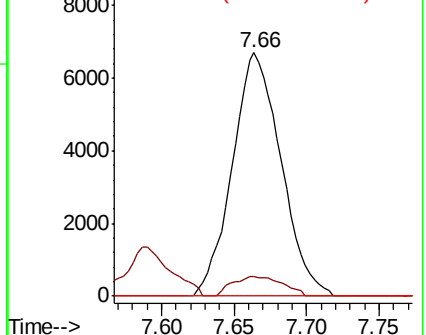
77 0.0 24.6 36.8#

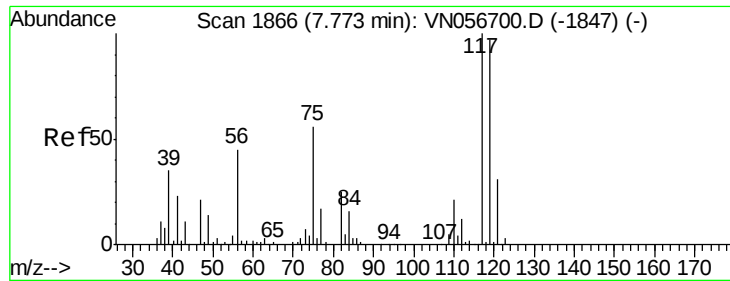


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 5.505 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA\_N

ClientSampleId :

PB121463ZHE#09

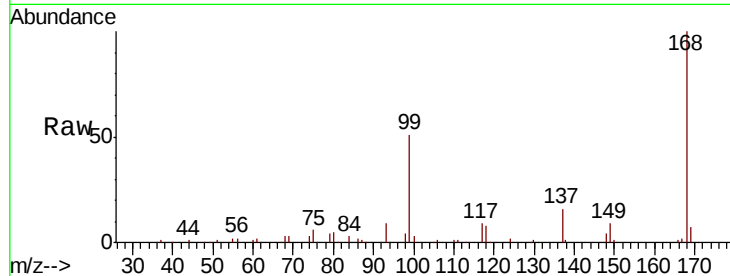
Tot Ion:117 Resp: 21204

Ion Ratio Lower Upper

117 100

119 5.2 77.5 116.3#

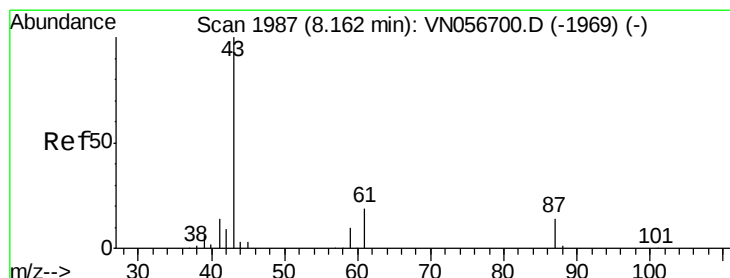
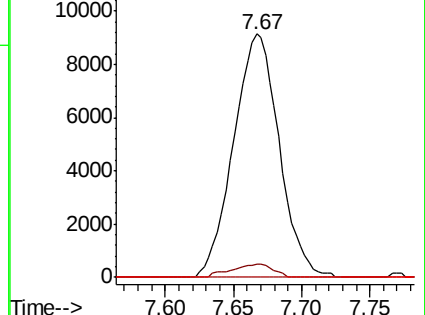
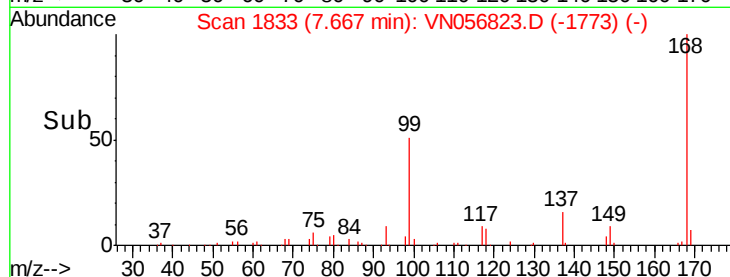
121 0.0 24.7 37.1#



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: 2.868 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

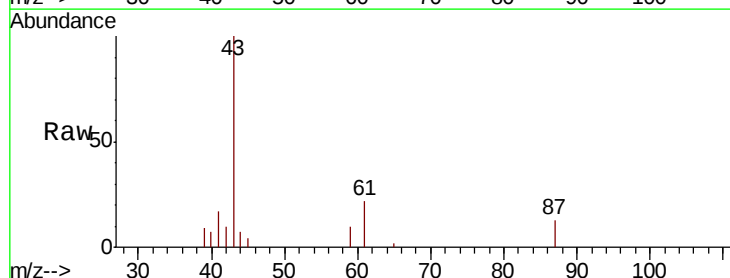
Tgt Ion: 43 Resp: 18251

Ion Ratio Lower Upper

43 100

61 19.7 22.3 33.5#

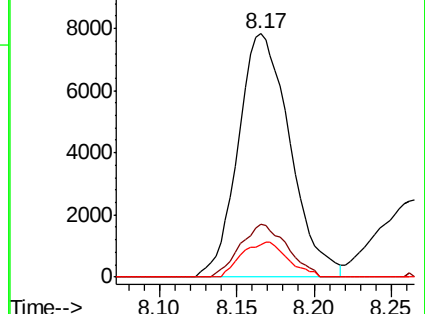
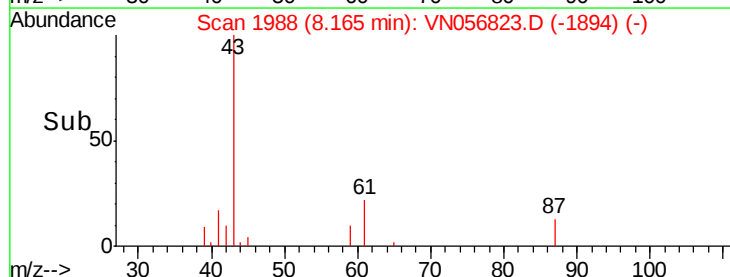
87 12.6 11.1 16.7

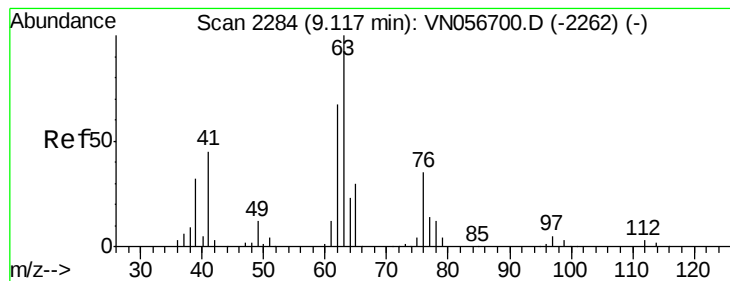


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.515 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA\_N

ClientSampleId :

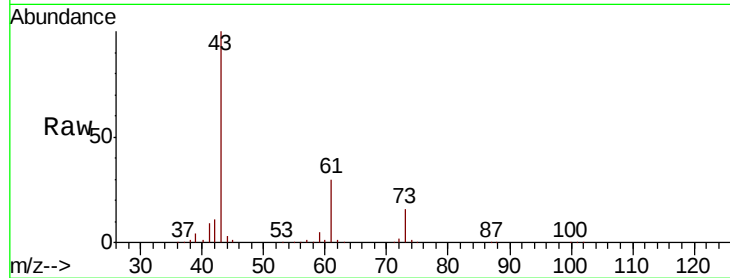
PB121463ZHE#09

Tot Ion: 63 Resp: 1721

Ion Ratio Lower Upper

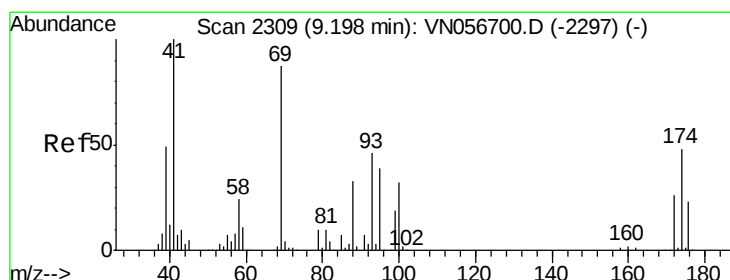
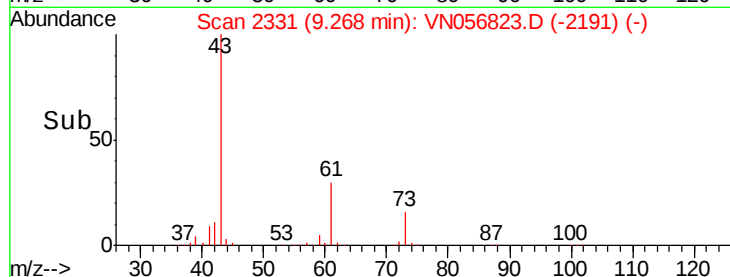
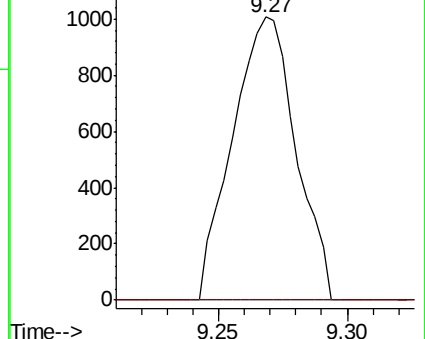
63 100

65 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 2.843 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

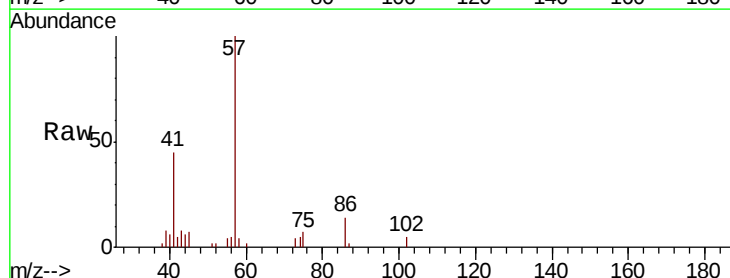
Tgt Ion: 41 Resp: 8751

Ion Ratio Lower Upper

41 100

69 0.0 71.4 107.0#

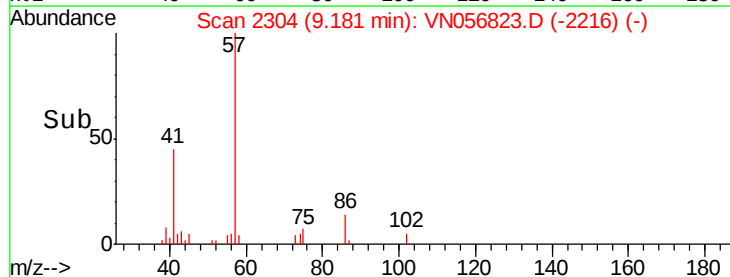
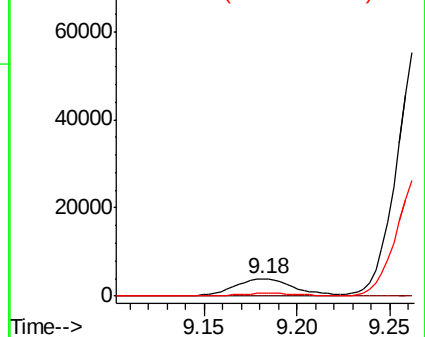
39 0.0 41.2 61.8#

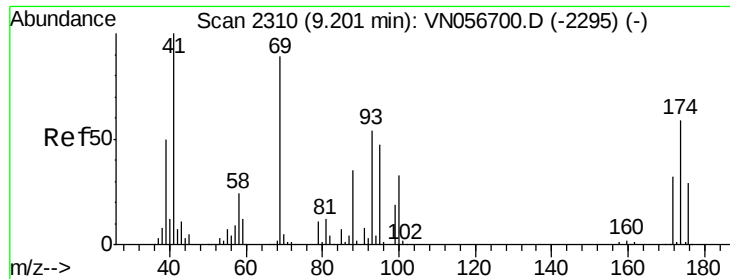


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 0.934 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA\_N

ClientSampleId :

PB121463ZHE#09

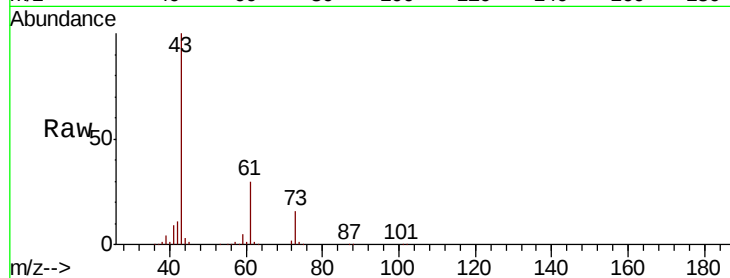
Tot Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 2216883.1 23.7 35.5#

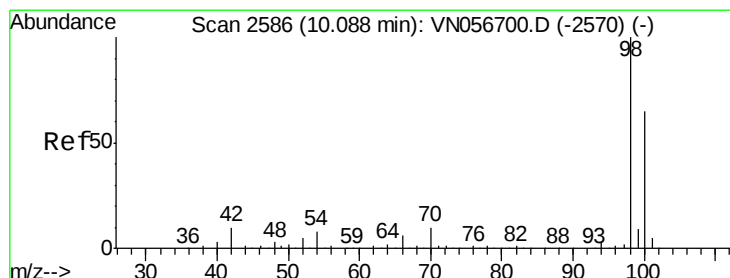
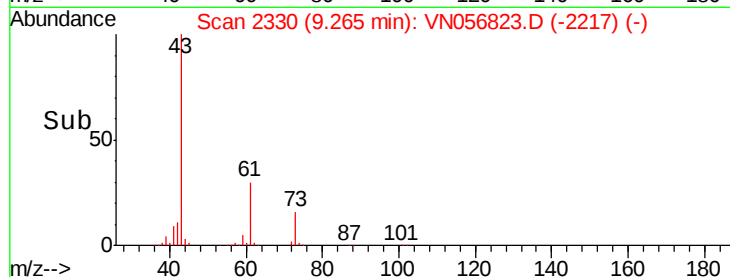
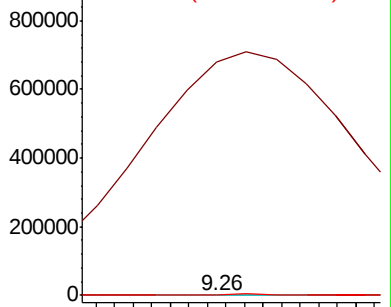
58 9759.3 55.6 83.4#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 53.493 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056823.D

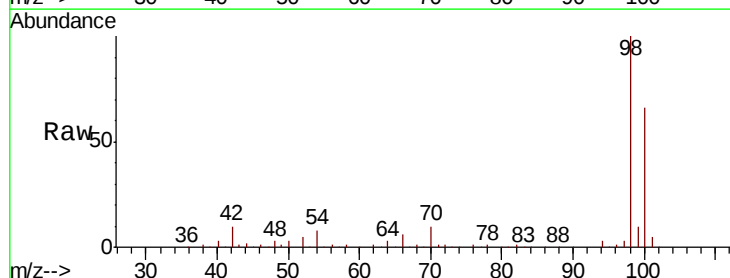
Acq: 19 Jul 2019 11:48

Tgt Ion: 98 Resp: 570709

Ion Ratio Lower Upper

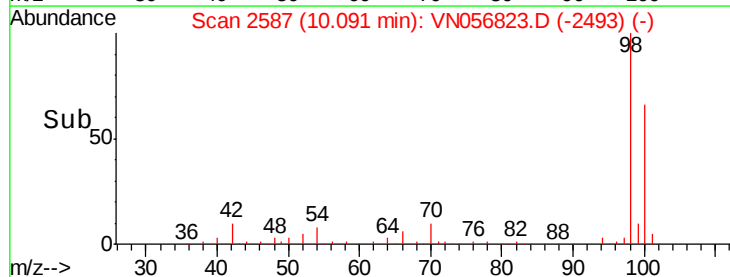
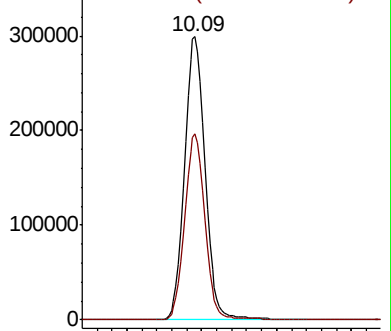
98 100

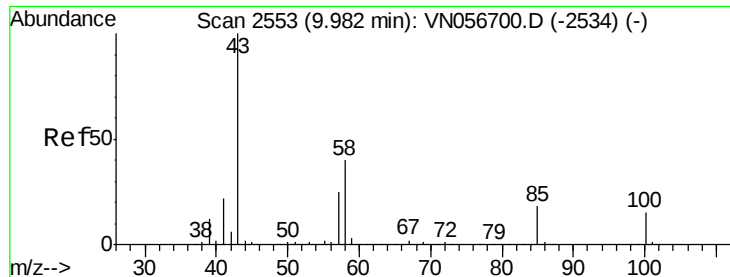
100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.974 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA\_N

ClientSampleId :

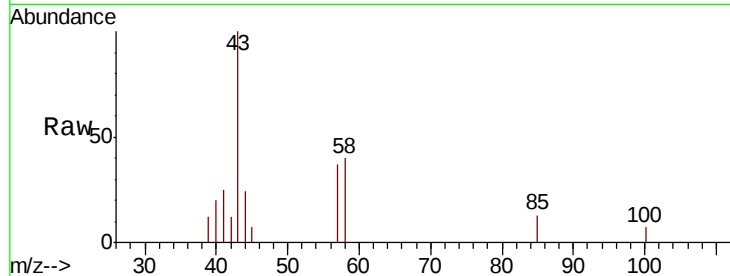
PB121463ZHE#09

Tot Ion: 43 Resp: 4016

Ion Ratio Lower Upper

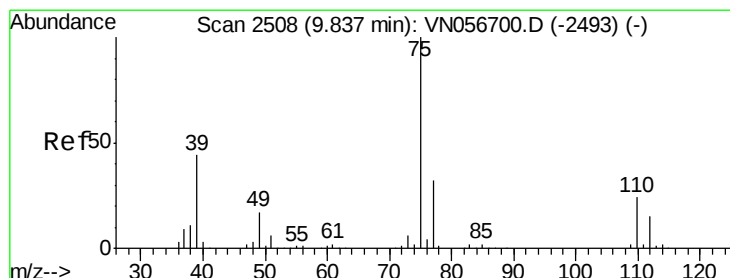
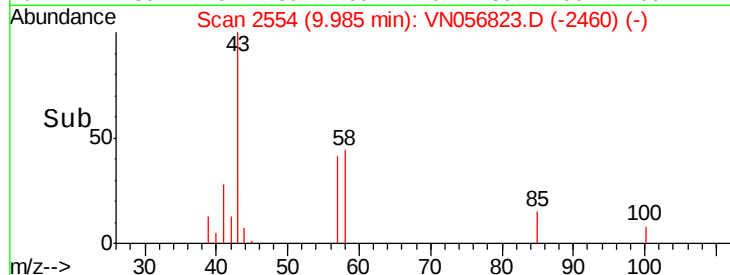
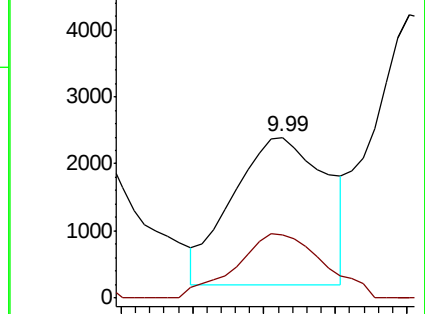
43 100

58 40.3 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 10.201 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

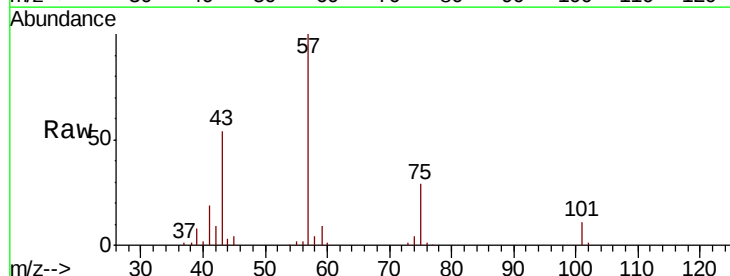
Tgt Ion: 75 Resp: 48639

Ion Ratio Lower Upper

75 100

77 0.6 26.0 39.0#

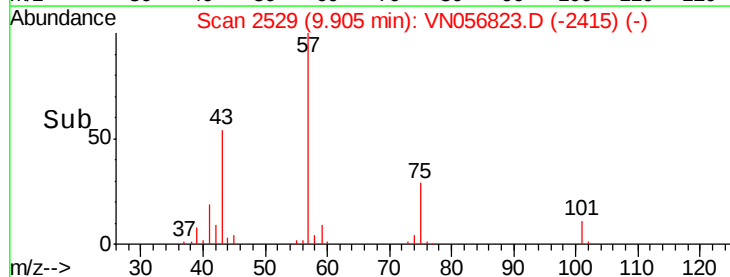
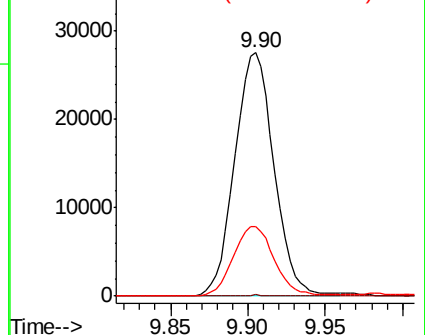
39 28.4 35.1 52.7#

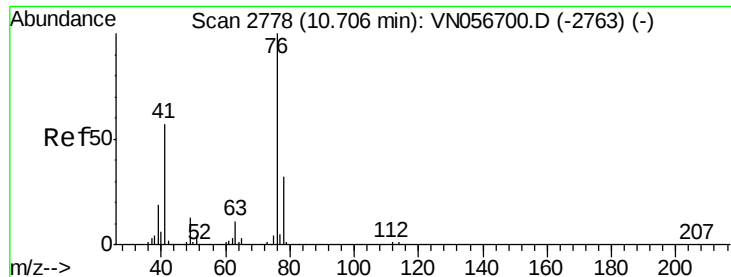


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

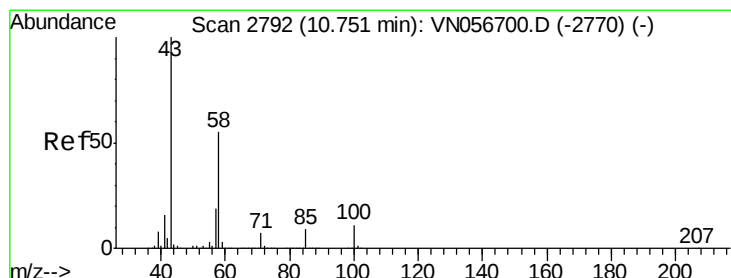
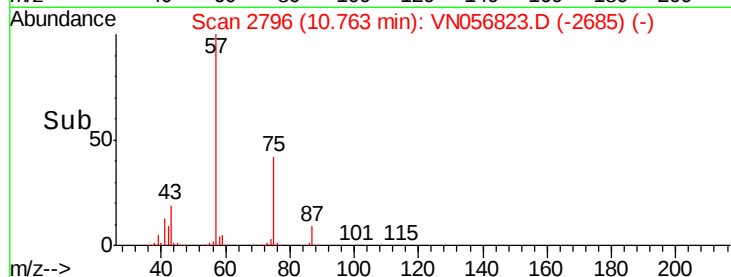
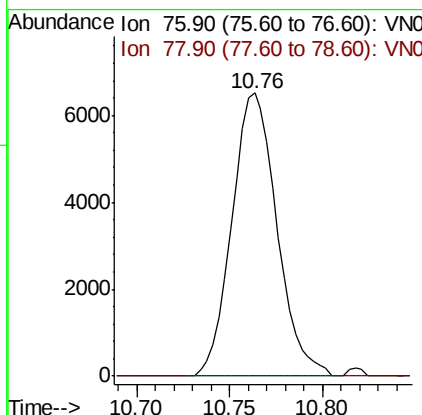
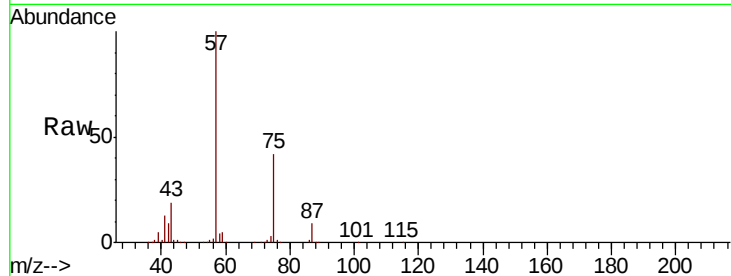




#57  
 1,3-Dichloropropane  
 Concen: 2.148 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.06 min  
 Lab File: VN056823.D  
 Acq: 19 Jul 2019 11:48

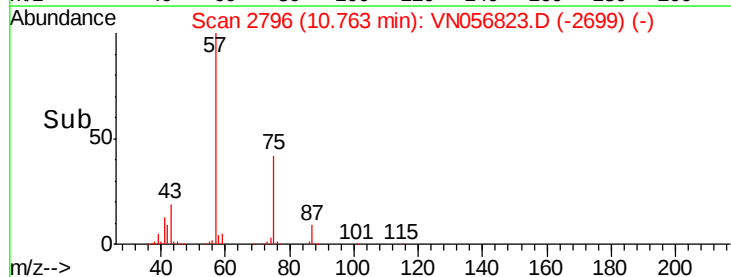
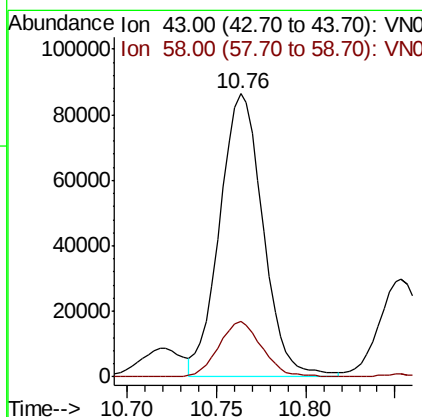
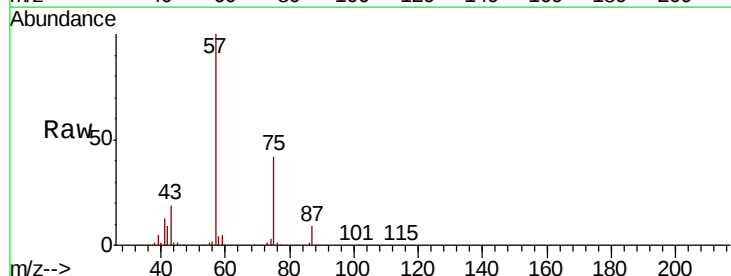
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB121463ZHE#09

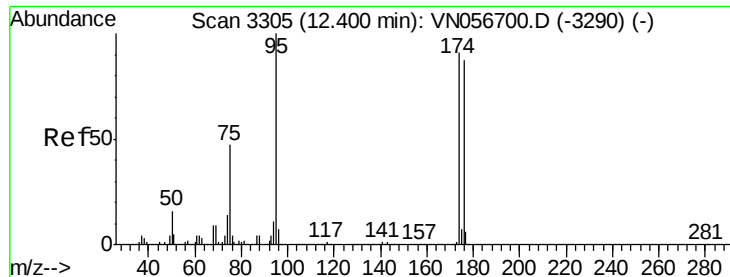
Tot Ion: 76 Resp: 11000  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 26.0 39.0#



#59  
 2-Hexanone  
 Concen: 48.930 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.01 min  
 Lab File: VN056823.D  
 Acq: 19 Jul 2019 11:48

Tgt Ion: 43 Resp: 144721  
 Ion Ratio Lower Upper  
 43 100  
 58 19.9 27.9 83.6#





#62

4-Bromofluorobenzene

Concen: 57.927 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA\_N

ClientSampleId :

PB121463ZHE#09

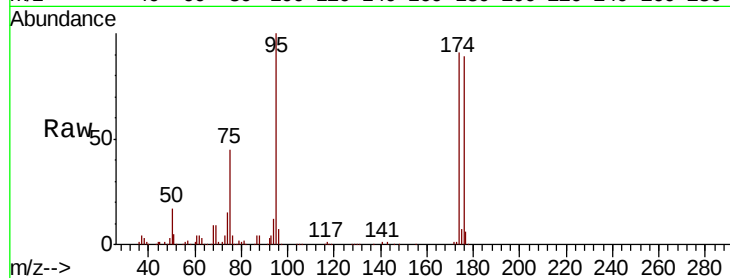
Tot Ion: 95 Resp: 208416

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.0

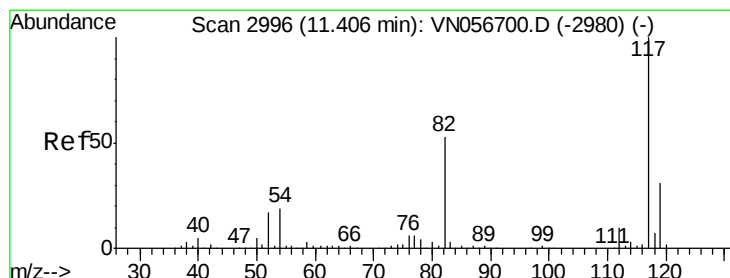
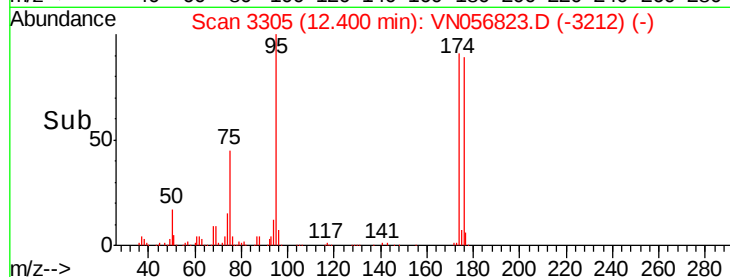
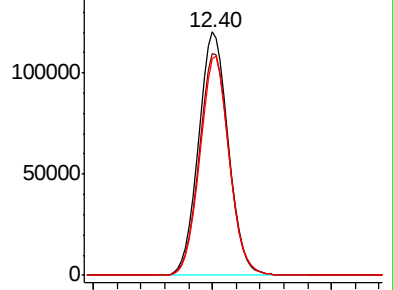
176 88.7 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056823.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056823.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056823.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

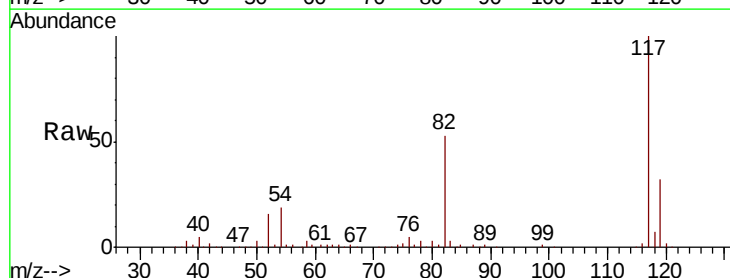
Tgt Ion: 117 Resp: 486888

Ion Ratio Lower Upper

117 100

82 52.7 42.2 63.2

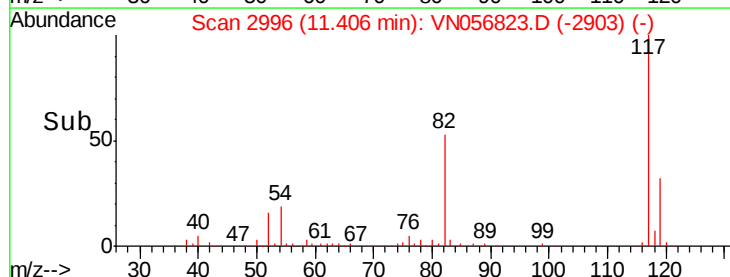
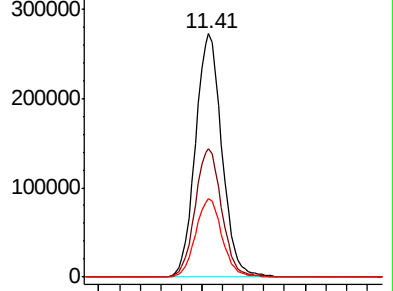
119 32.1 25.2 37.8

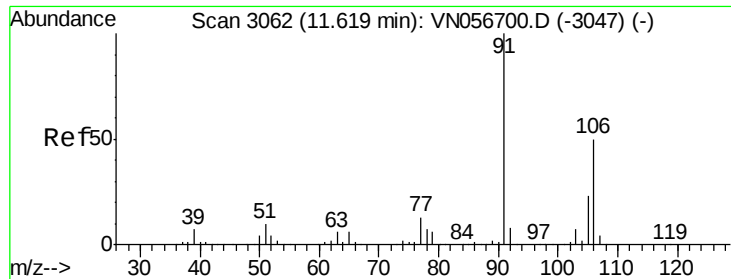


Abundance Ion 116.90 (116.60 to 117.60): VN056823.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056823.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056823.D (-2903) (-)

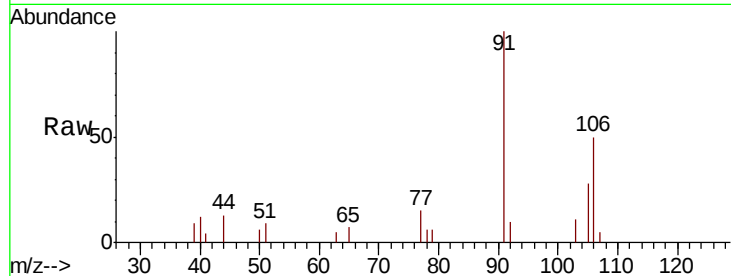




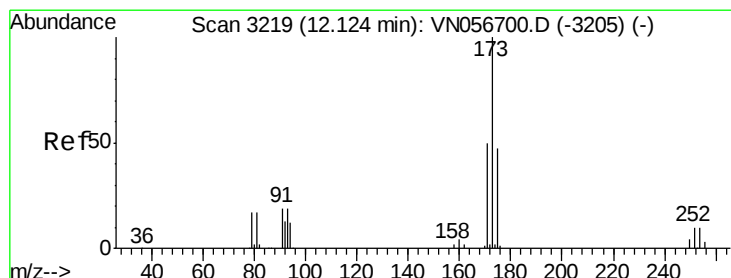
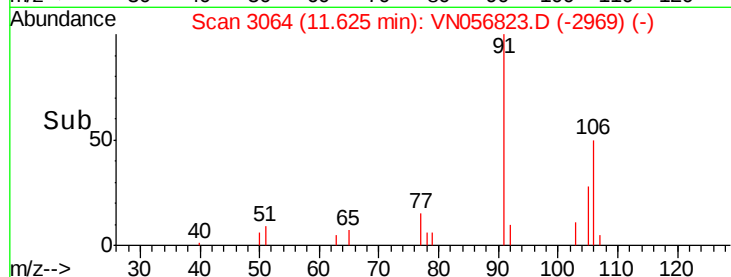
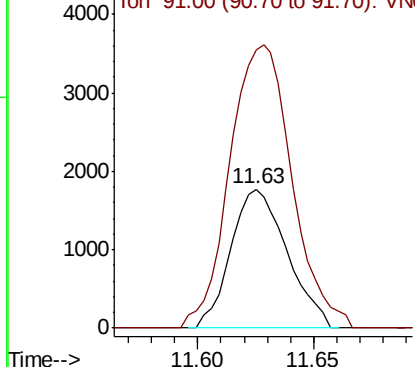
#68  
m/p-Xvlenes  
Concen: 0.455 ug/l  
RT: 11.63 min Scan# 3064  
Delta R.T. 0.01 min  
Lab File: VN056823.D  
Acq: 19 Jul 2019 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB121463ZHE#09

Tot Ion:106 Resp: 2973  
Ion Ratio Lower Upper  
106 100  
91 226.1 160.5 240.7

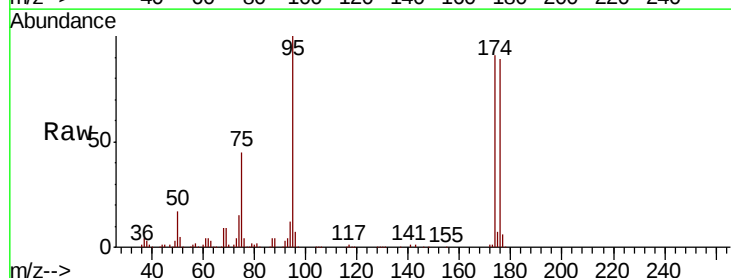


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

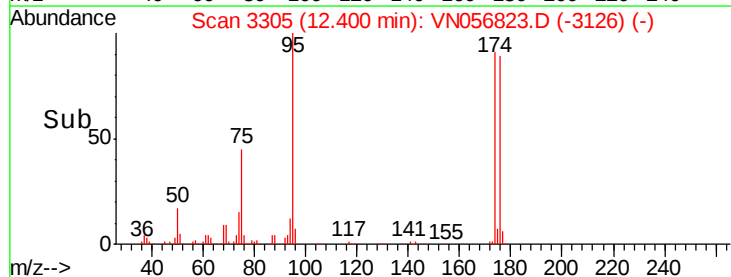
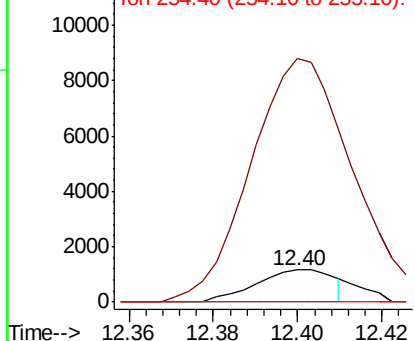


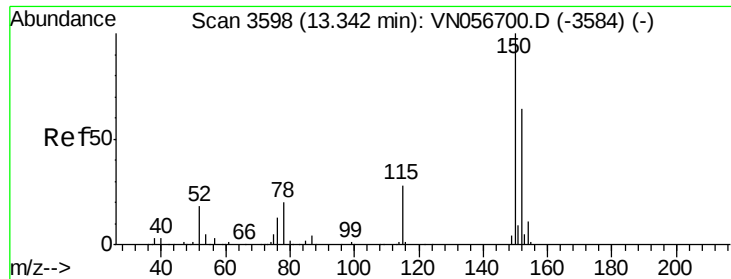
#71  
Bromoform  
Concen: 0.537 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.28 min  
Lab File: VN056823.D  
Acq: 19 Jul 2019 11:48

Tgt Ion:173 Resp: 1497  
Ion Ratio Lower Upper  
173 100  
175 796.9 23.8 71.4#  
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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA\_N

ClientSampleId :

PB121463ZHE#09

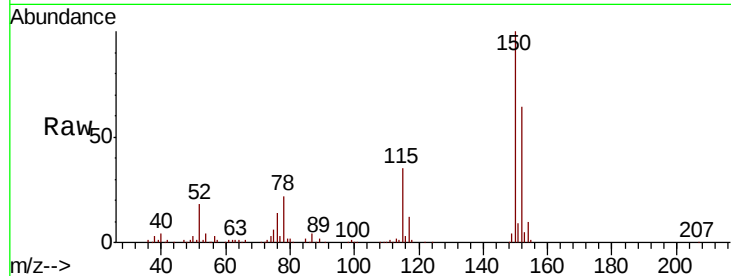
Tot Ion:152 Resp: 171688

Ion Ratio Lower Upper

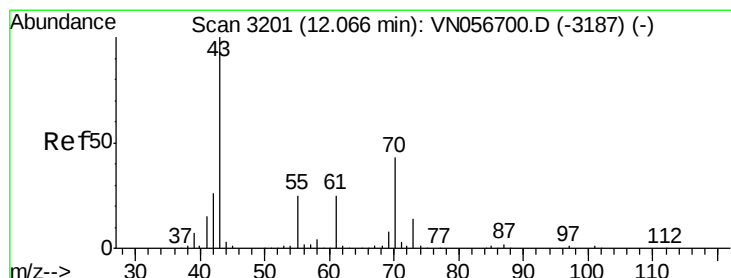
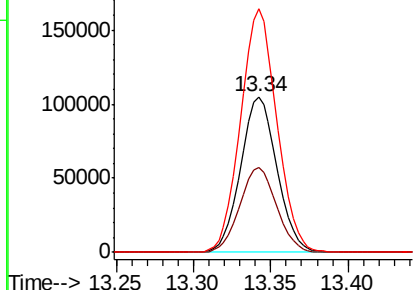
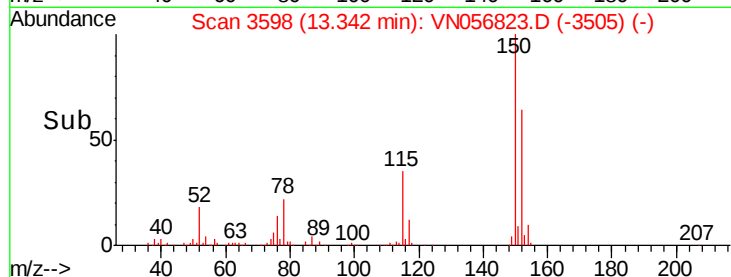
152 100

115 55.3 28.2 84.7

150 156.3 0.0 345.8



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



#74

N-ethyl acetate

Concen: 2.503 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Tgt Ion: 43 Resp: 12907

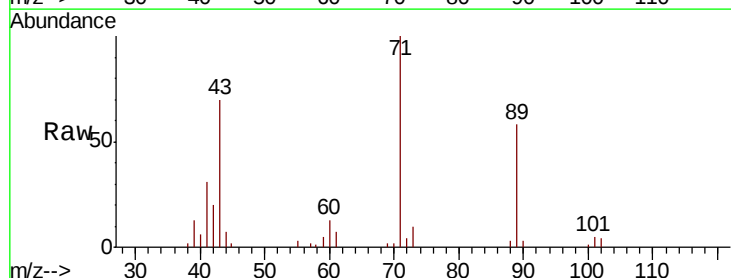
Ion Ratio Lower Upper

43 100

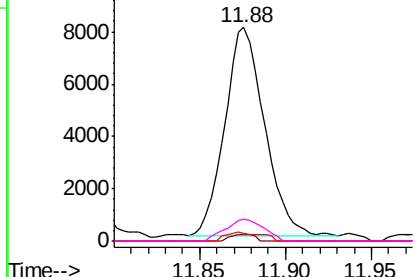
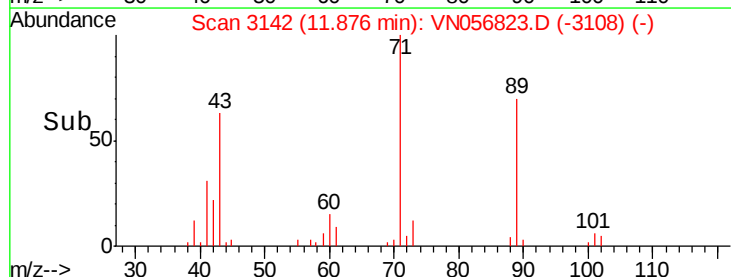
70 2.0 34.5 51.7#

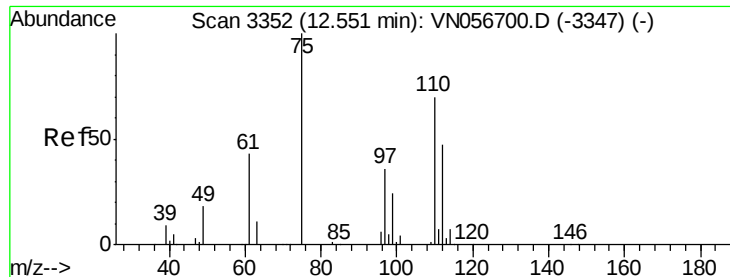
55 3.7 20.2 30.2#

61 10.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 70.00 (69.70 to 70.70): VNO  
Ion 55.00 (54.70 to 55.70): VNO  
Ion 61.00 (60.70 to 61.70): VNO

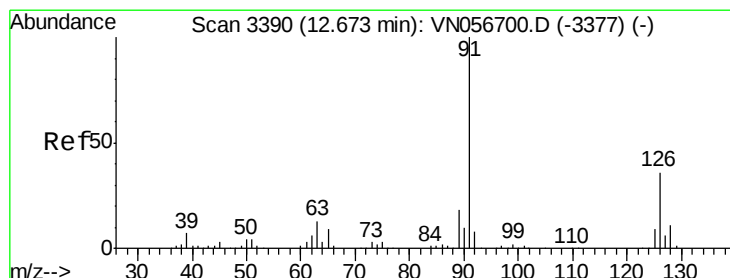
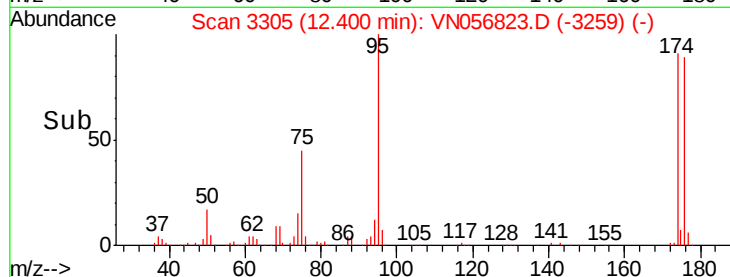
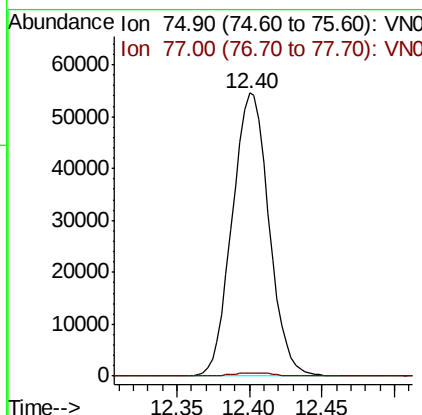
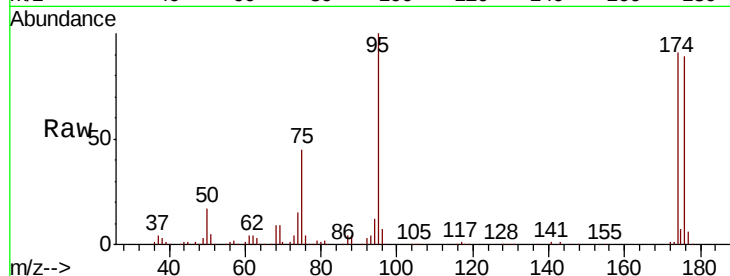




#76  
 1,2,3-Trichloropropane  
 Concen: 25.585 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.15 min  
 Lab File: VN056823.D  
 Acq: 19 Jul 2019 11:48

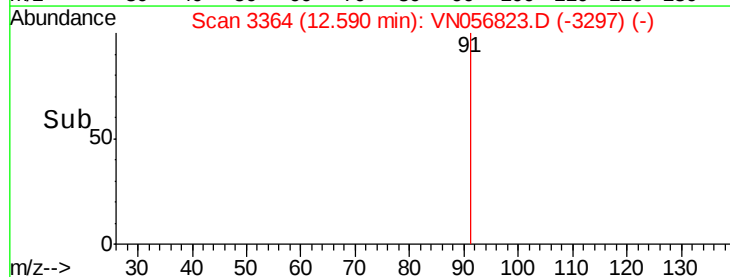
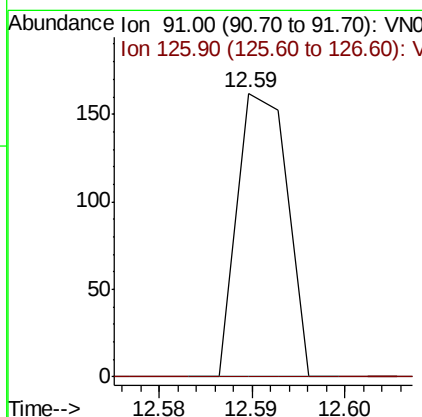
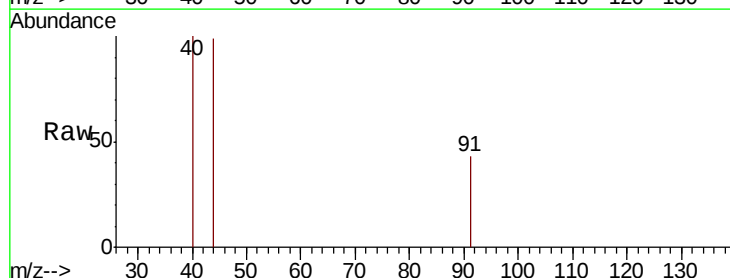
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB121463ZHE#09

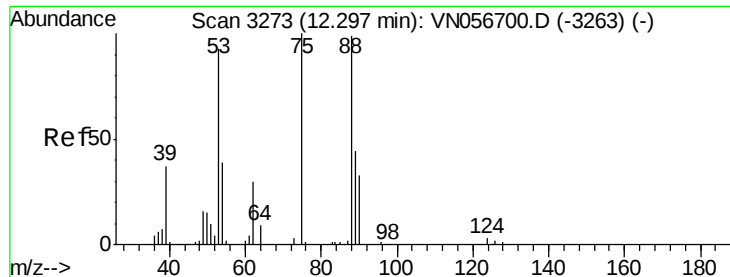
Tot Ion: 75 Resp: 96072  
 Ion Ratio Lower Upper  
 75 100  
 77 0.8 0.0 0.0#



#79  
 2-Chlorotoluene  
 Concen: Below Cal  
 RT: 12.59 min Scan# 3364  
 Delta R.T. -0.08 min  
 Lab File: VN056823.D  
 Acq: 19 Jul 2019 11:48

Tgt Ion: 91 Resp: 61  
 Ion Ratio Lower Upper  
 91 100  
 126 0.0 17.9 53.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 79.014 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA\_N

ClientSampleId :

PB121463ZHE#09

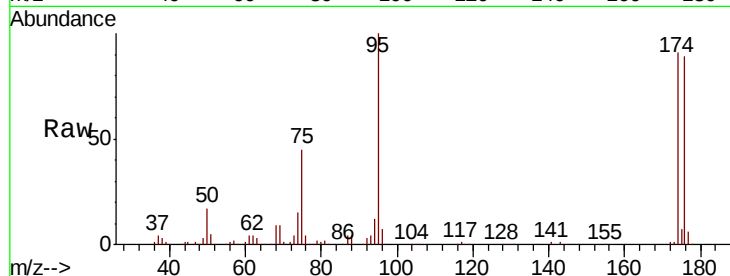
Tot Ion: 75 Resp: 96072

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

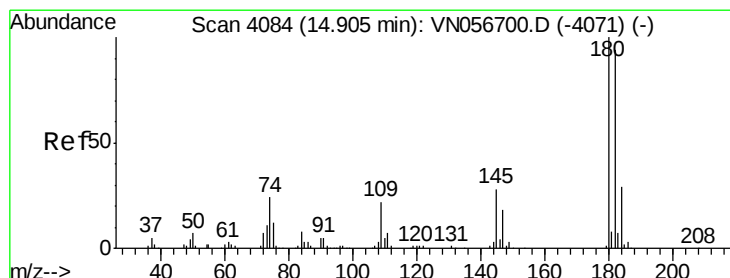
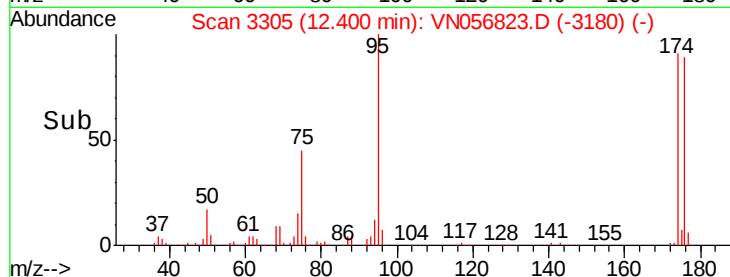
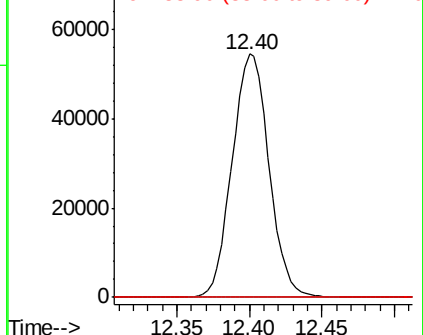
89 0.0 36.2 54.2#



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



#93

1,2,4-Trichlorobenzene

Concen: 3.721 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.02 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

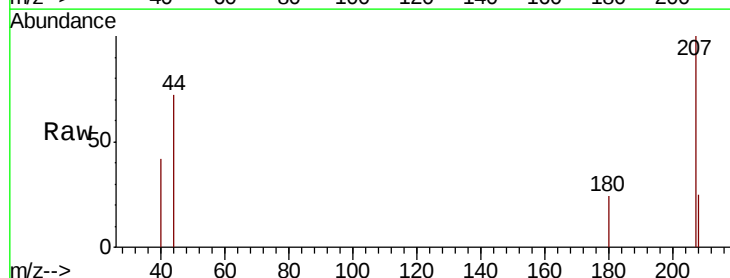
Tgt Ion: 180 Resp: 106

Ion Ratio Lower Upper

180 100

182 57.5 47.2 141.6

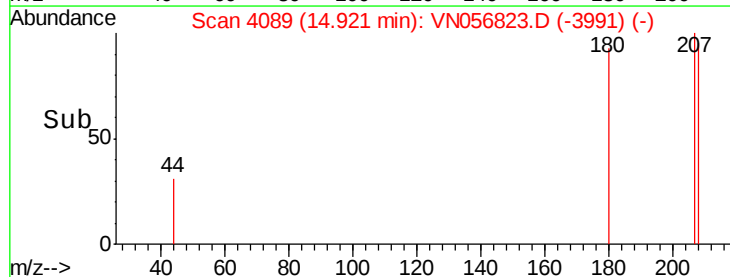
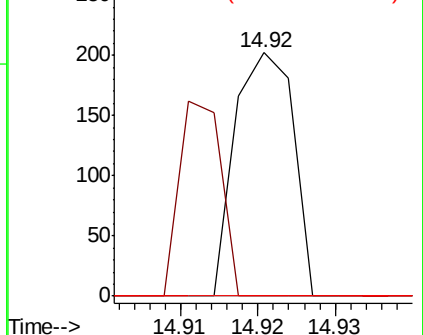
145 0.0 14.2 42.8#

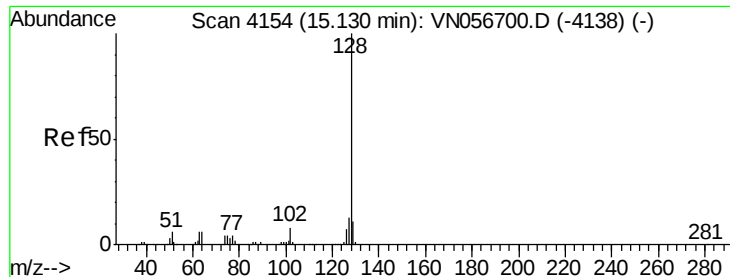


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.578 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA\_N

ClientSampleId :

PB121463ZHE#09

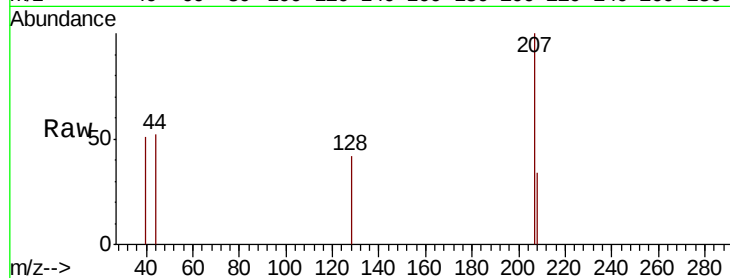
Tot Ion:128 Resp: 526

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

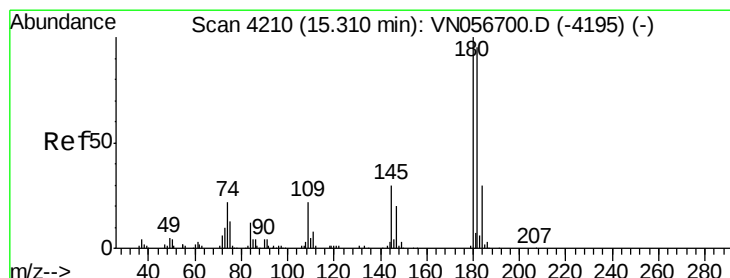
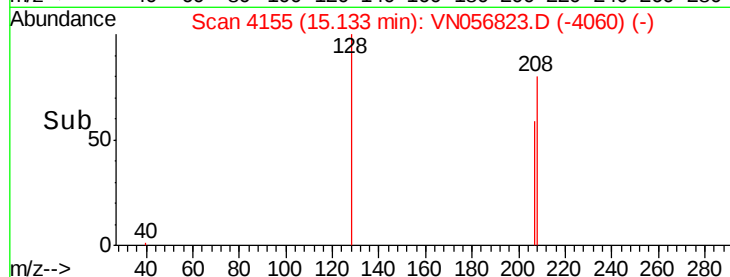
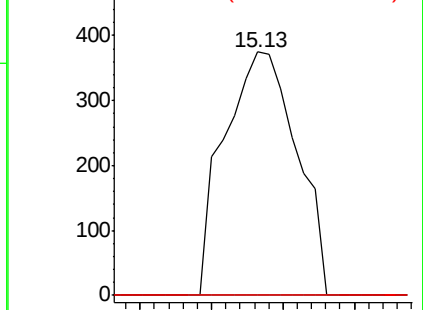
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.437 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.01 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

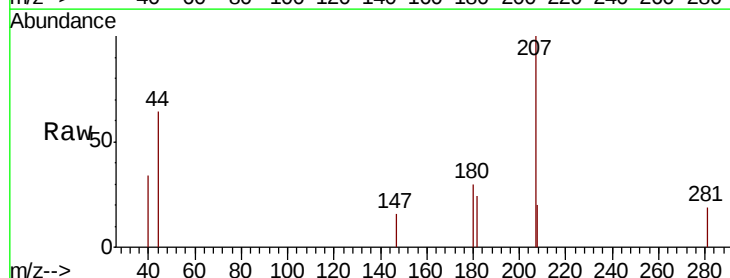
Tgt Ion:180 Resp: 407

Ion Ratio Lower Upper

180 100

182 55.5 47.1 141.3

145 0.0 15.0 45.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

