

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\  
 Data File : VN056096.D  
 Acq On : 7 Jun 2019 13:41  
 Operator : JC/SP  
 Sample : K3196-02 10X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-2

Quant Time: Jun 08 05:10:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 333606   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 505157   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 480390   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 156660   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.02  | 65   | 163790   | 49.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.90%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 145522   | 46.95 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.90%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 603013   | 50.56 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.12% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 193049   | 47.60 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.20%  |          |

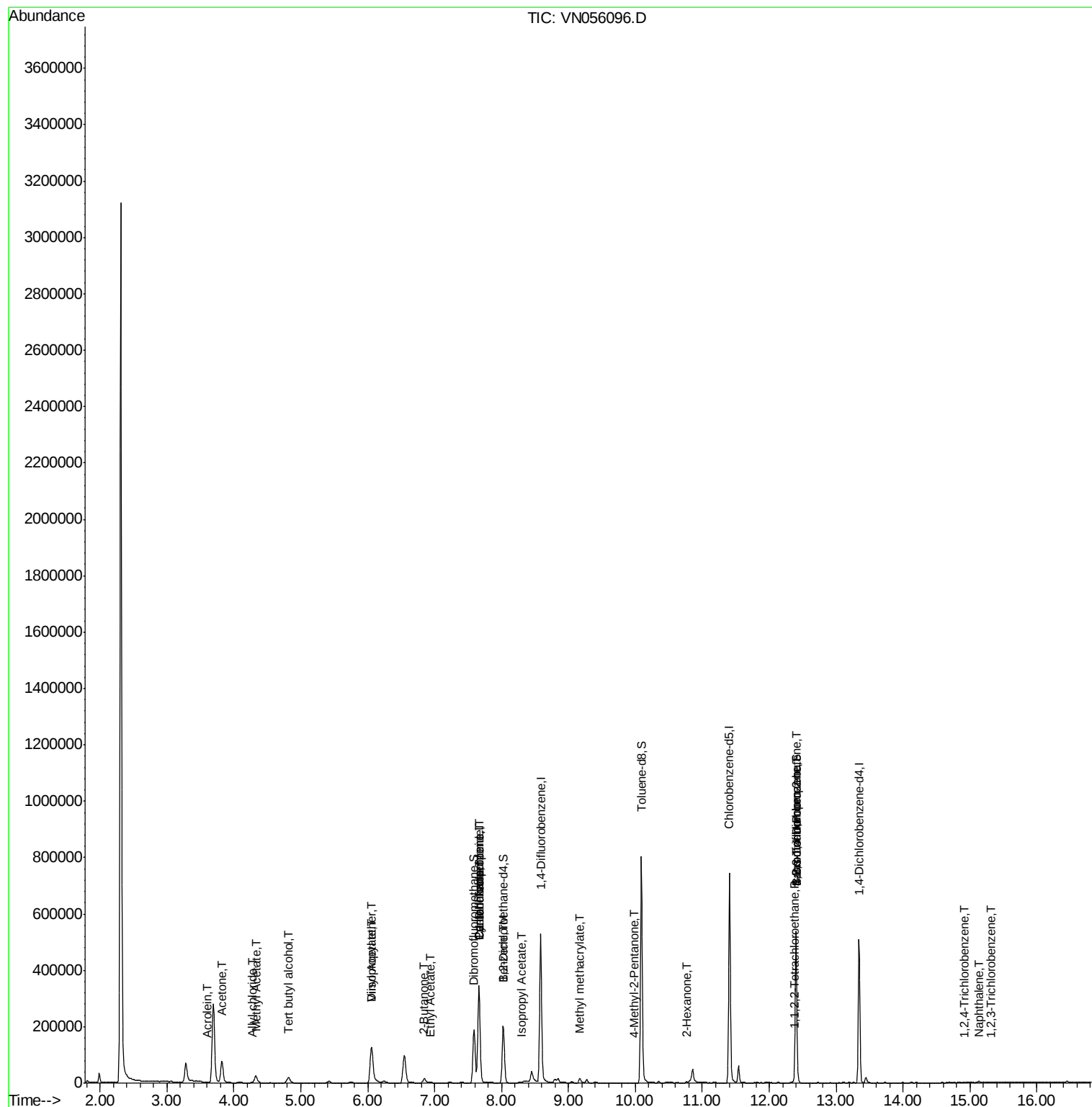
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 4.81  | 59   | 33862    | 58.744    | ug/l   | 99     |
| 13) Acrolein                   | 3.60  | 56   | 529      | 3.182     | ug/l # | 15     |
| 14) Allyl chloride             | 4.27  | 41   | 2718     | 0.615     | ug/l # | 54     |
| 16) Acetone                    | 3.82  | 43   | 126536   | 79.872    | ug/l   | 97     |
| 18) Methyl Acetate             | 4.33  | 43   | 45858    | 14.324    | ug/l   | 100    |
| 22) Diisopropyl ether          | 6.06  | 45   | 10301    | 1.127     | ug/l # | 1      |
| 23) Vinyl Acetate              | 6.05  | 43   | 25509    | 3.543     | ug/l # | 71     |
| 25) 2-Butanone                 | 6.85  | 43   | 28033    | 14.005    | ug/l   | 94     |
| 31) Cyclohexane                | 7.66  | 56   | 4770     | 0.908     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 19432    | 4.474     | ug/l # | 47     |
| 37) Ethyl Acetate              | 6.94  | 43   | 5727     | 1.482     | ug/l # | 81     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 26201    | 6.543     | ug/l # | 15     |
| 40) Benzene                    | 8.04  | 78   | 3707     | 0.281     | ug/l # | 89     |
| 43) Isopropyl Acetate          | 8.30  | 43   | 5003     | 0.799     | ug/l # | 53     |
| 48) Methyl methacrylate        | 9.17  | 41   | 5464     | 1.783     | ug/l # | 39     |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 793      | 0.202     | ug/l # | 35     |
| 59) 2-Hexanone                 | 10.76 | 43   | 975      | 0.343     | ug/l   | 68     |
| 71) Bromoform                  | 12.40 | 173  | 1263     | 3.173     | ug/l # | 1      |
| 73) Isopropylbenzene           | 12.24 | 105  | 29       | Below Cal | #      | 48     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.36 | 83   | 4046     | 1.113     | ug/l # | 30     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 88742    | 30.785    | ug/l # | 100    |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 116      | Below Cal | #      | 39     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 88742    | 102.521   | ug/l # | 15     |
| 93) 1,2,4-Trichlorobenzene     | 14.92 | 180  | 234      | 4.344     | ug/l # | 76     |
| 95) Naphthalene                | 15.14 | 128  | 5306     | 4.505     | ug/l # | 93     |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 195      | 3.093     | ug/l # | 43     |

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

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Quant Time: Jun 08 05:10:40 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 04 11:02:09 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampled :

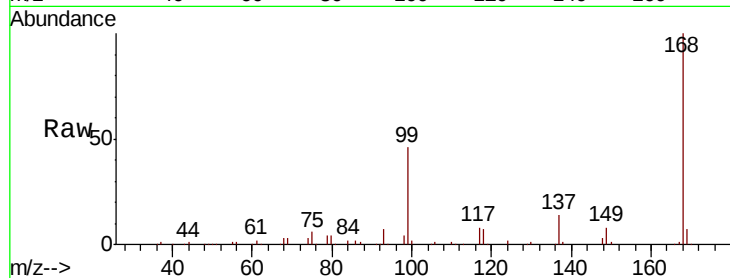
COMP-2

Tot Ion:168 Resp: 333606

Ion Ratio Lower Upper

168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

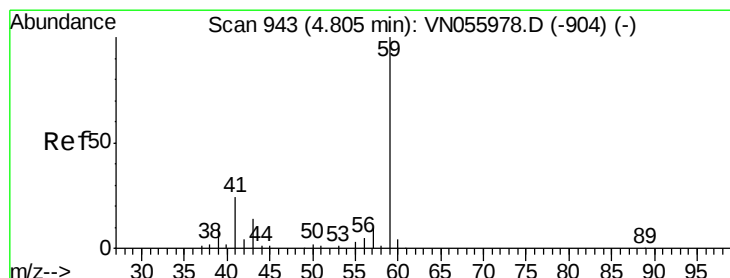
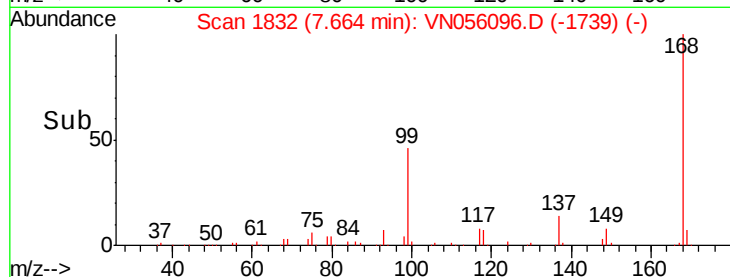
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 58.744 ug/l

RT: 4.81 min Scan# 945

Delta R.T. 0.01 min

Lab File: VN056096.D

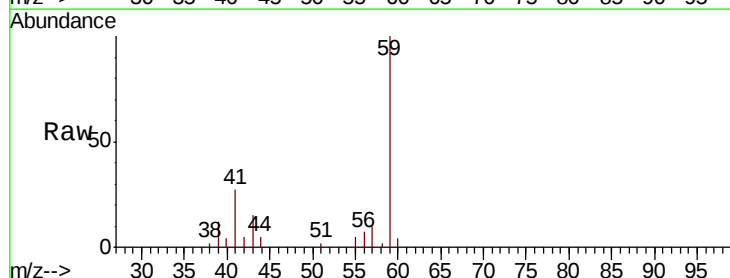
Acq: 7 Jun 2019 13:41

Tgt Ion: 59 Resp: 33862

Ion Ratio Lower Upper

59 100

57 10.2 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VN055978.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN055978.D (-904) (-)

4.81

10000

8000

6000

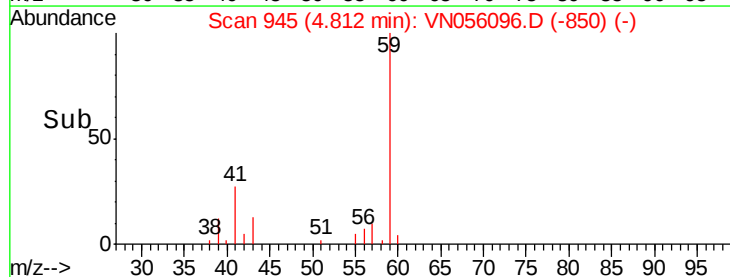
4000

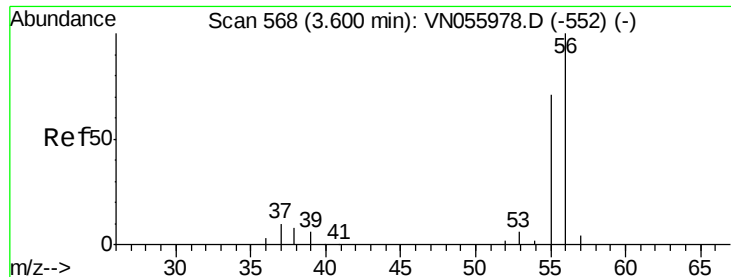
2000

0

4.70 4.80 4.90

Time-->





#13

Acrolein

Concen: 3.182 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampled :

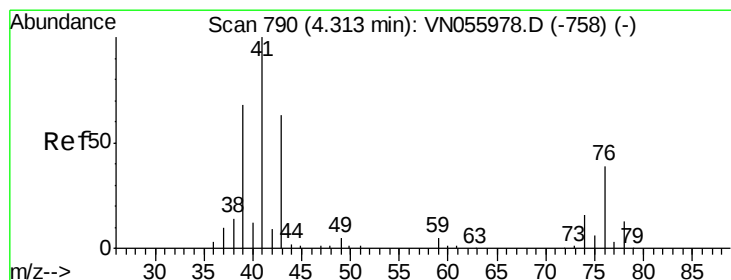
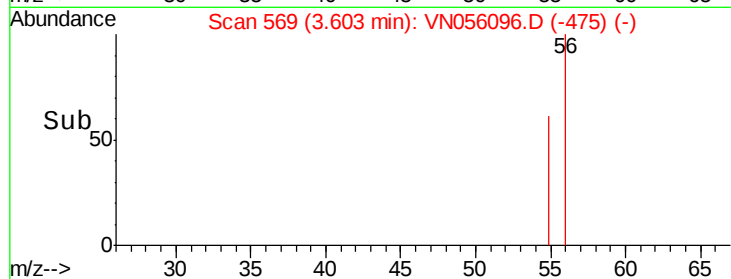
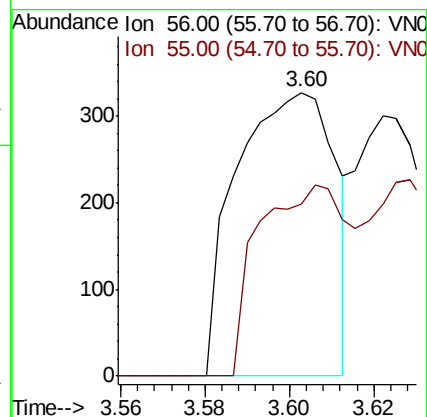
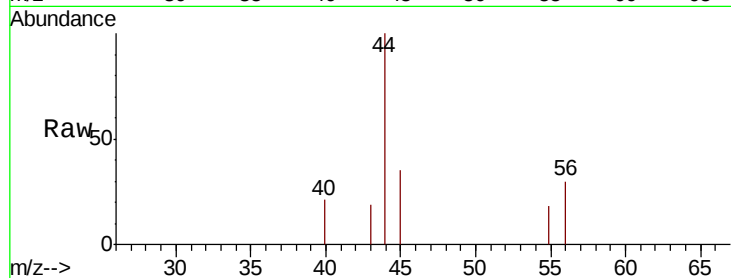
COMP-2

Tot Ion: 56 Resp: 529

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.2#



#14

Allyl chloride

Concen: 0.615 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.04 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

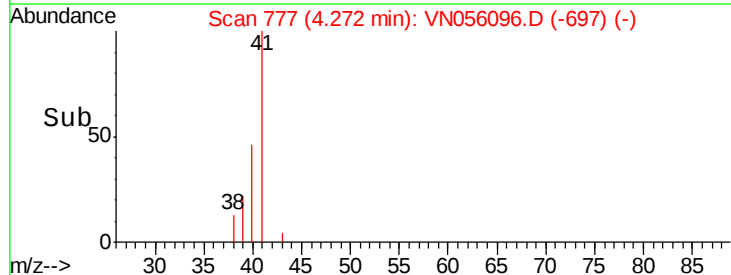
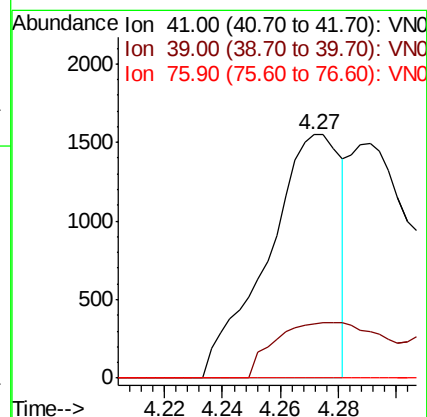
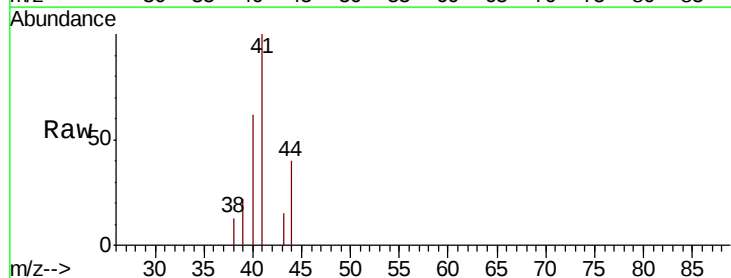
Tgt Ion: 41 Resp: 2718

Ion Ratio Lower Upper

41 100

39 33.0 50.0 75.0#

76 0.0 28.2 42.2#

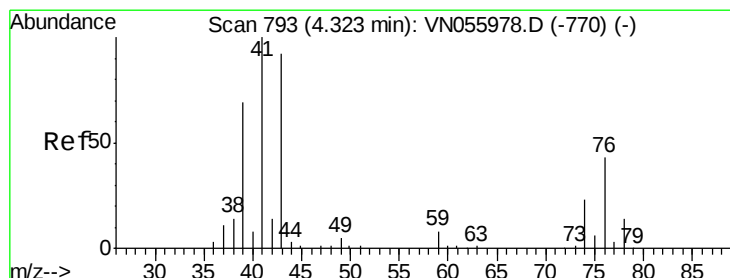
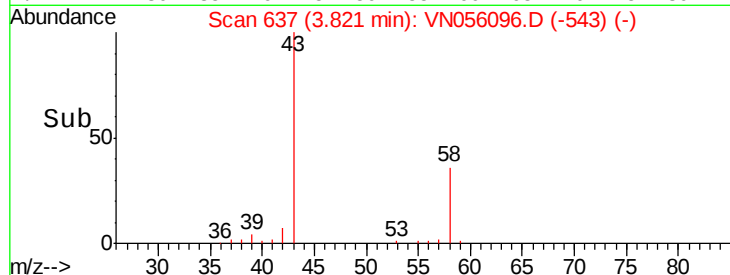
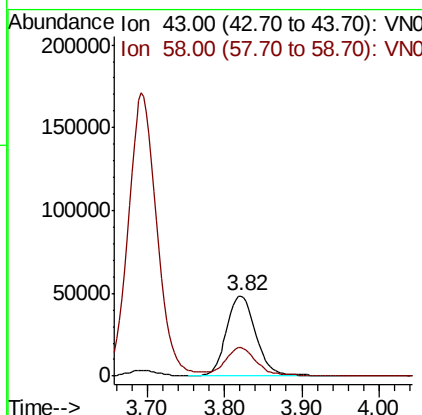
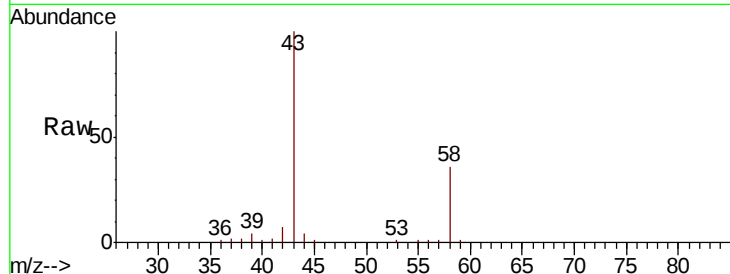




#16  
Acetone  
Concen: 79.872 ug/l  
RT: 3.82 min Scan# 637  
Delta R.T. 0.00 min  
Lab File: VN056096.D  
Acq: 7 Jun 2019 13:41

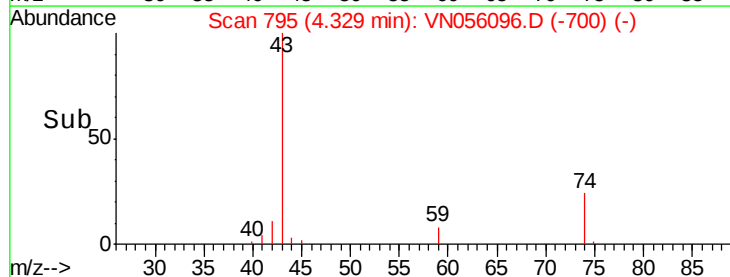
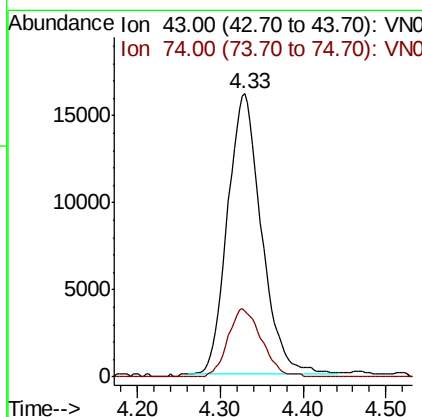
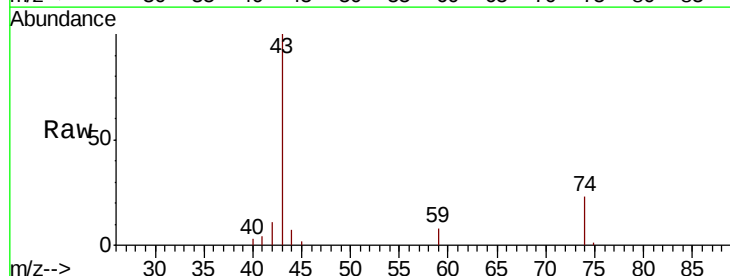
Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-2

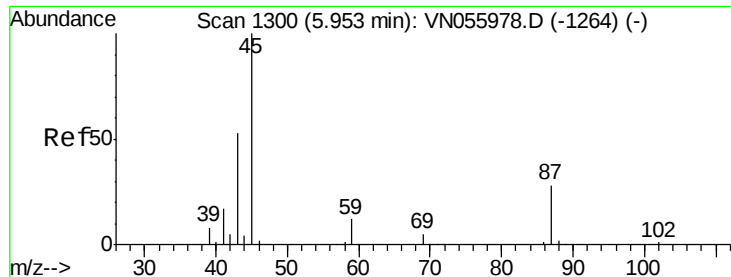
Tot Ion: 43 Resp: 126536  
Ion Ratio Lower Upper  
43 100  
58 34.9 26.6 39.8



#18  
Methyl Acetate  
Concen: 14.324 ug/l  
RT: 4.33 min Scan# 795  
Delta R.T. 0.01 min  
Lab File: VN056096.D  
Acq: 7 Jun 2019 13:41

Tgt Ion: 43 Resp: 45858  
Ion Ratio Lower Upper  
43 100  
74 24.1 19.3 28.9





#22

Diisopropyl ether

Concen: 1.127 ug/l

RT: 6.06 min Scan# 1332

Delta R.T. 0.10 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampleId :

COMP-2

Tot Ion: 45 Resp: 10301

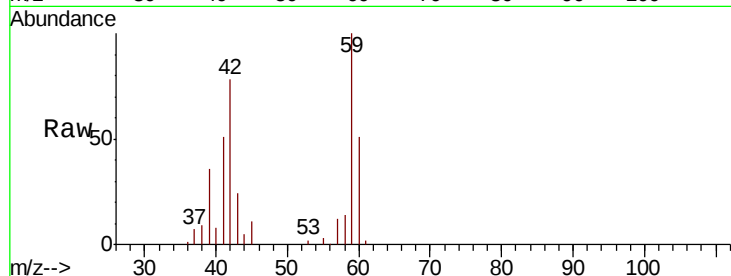
Ion Ratio Lower Upper

45 100

43 200.2 45.0 67.6#

87 0.0 22.2 33.4#

59 848.8 9.1 13.7#

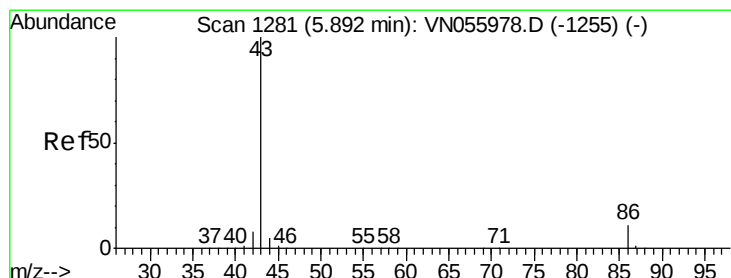
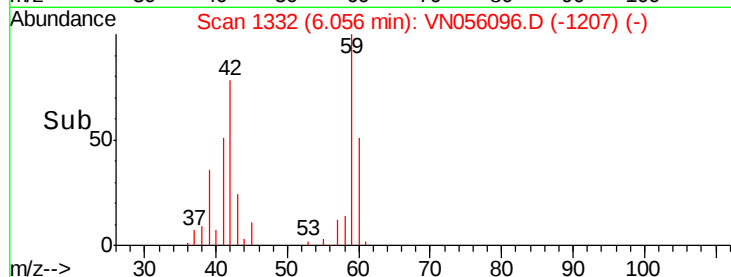
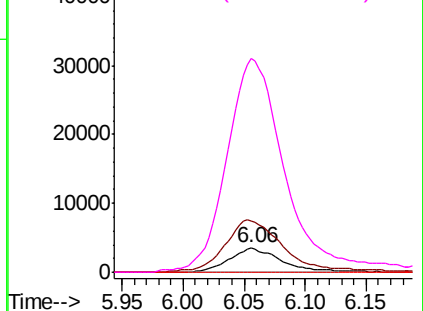


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 3.543 ug/l

RT: 6.05 min Scan# 1331

Delta R.T. 0.16 min

Lab File: VN056096.D

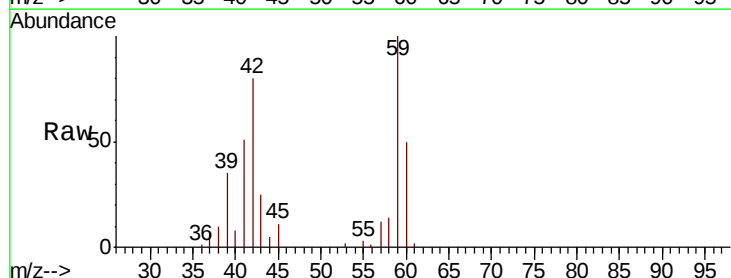
Acq: 7 Jun 2019 13:41

Tgt Ion: 43 Resp: 25509

Ion Ratio Lower Upper

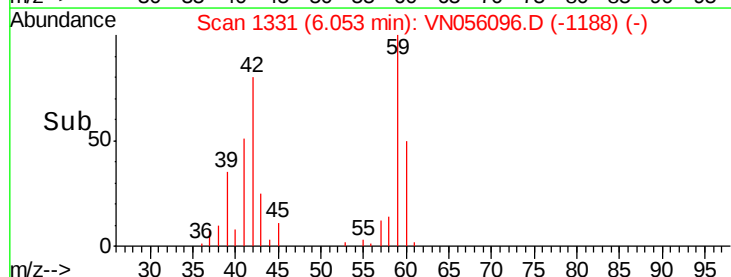
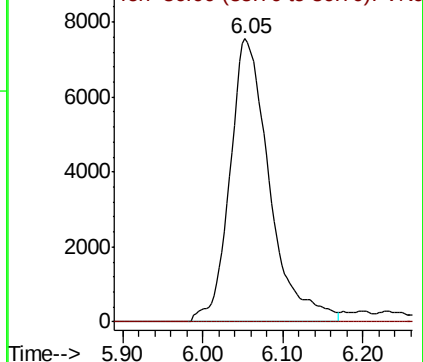
43 100

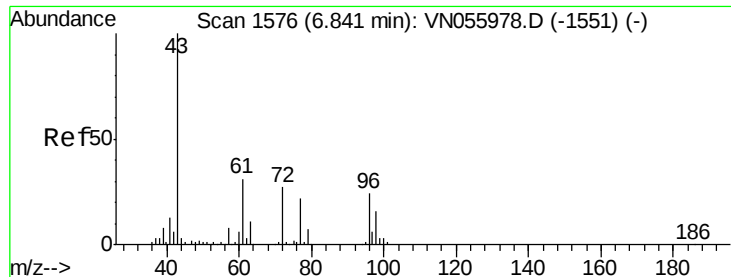
86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#25

2-Butanone

Concen: 14.005 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampled :

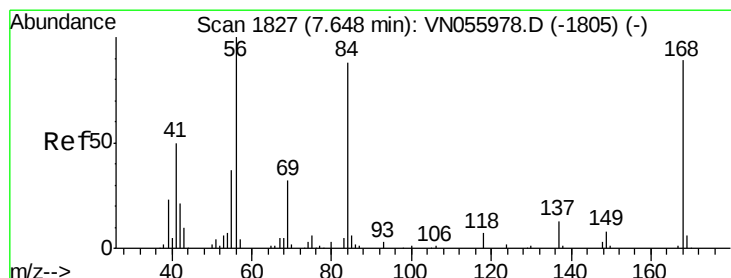
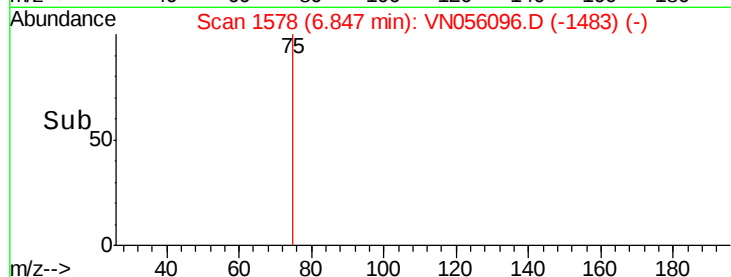
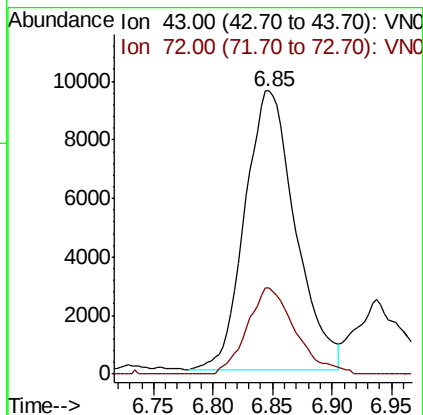
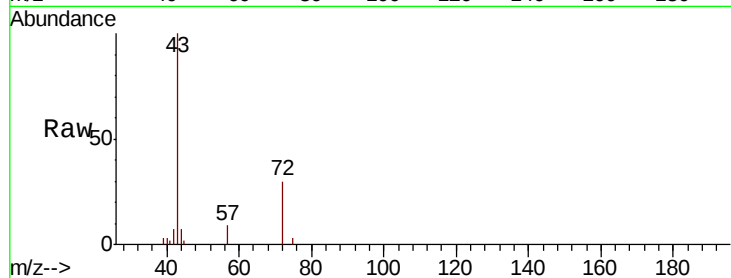
COMP-2

Tot Ion: 43 Resp: 28033

Ion Ratio Lower Upper

43 100

72 30.8 21.9 32.9



#31

Cyclohexane

Concen: 0.908 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

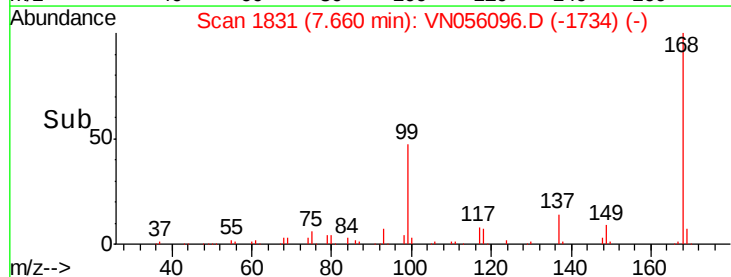
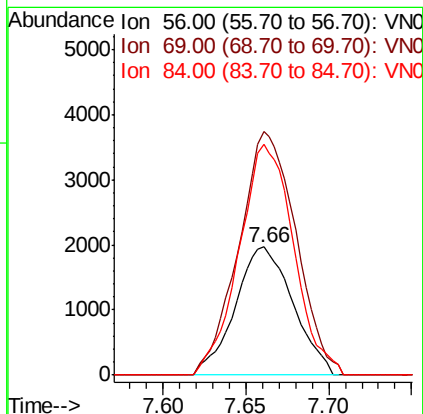
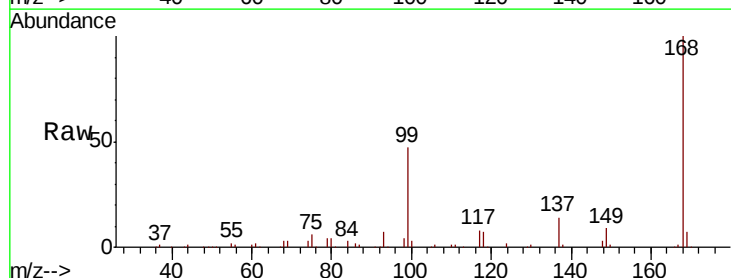
Tgt Ion: 56 Resp: 4770

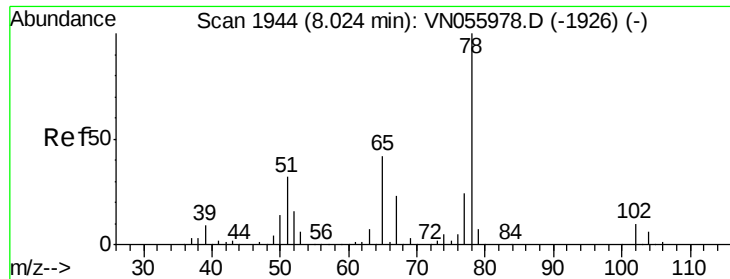
Ion Ratio Lower Upper

56 100

69 190.5 25.6 38.4#

84 180.2 67.4 101.0#

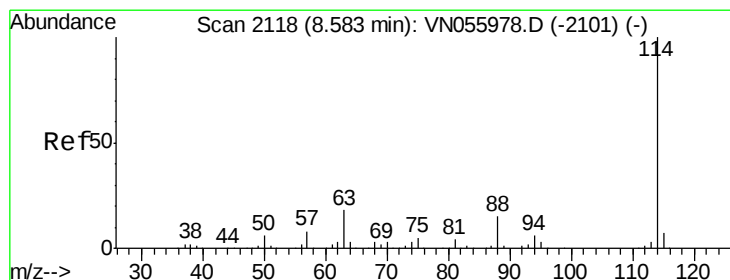
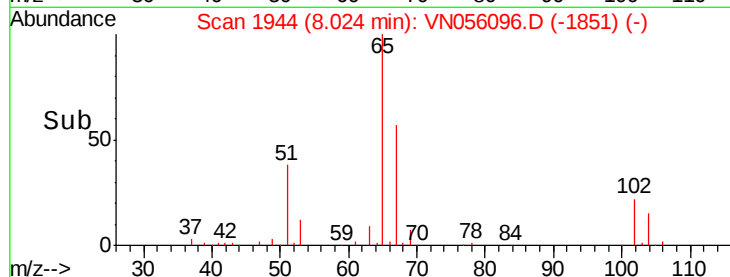
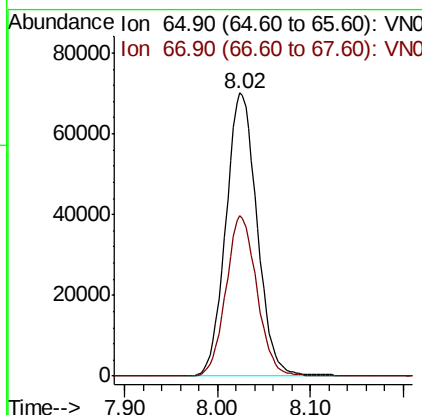
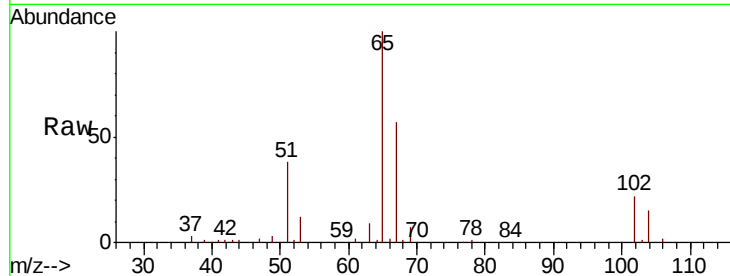




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.447 ug/l  
 RT: 8.02 min Scan# 1944  
 Delta R.T. -0.00 min  
 Lab File: VN056096.D  
 Acq: 7 Jun 2019 13:41

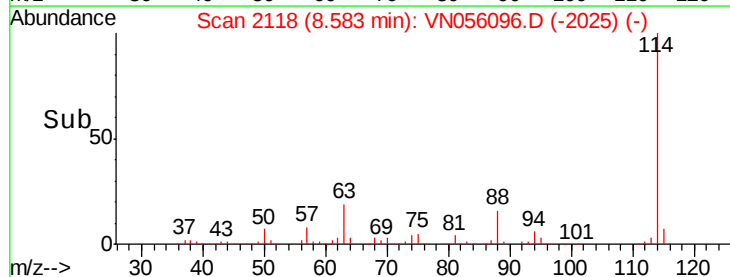
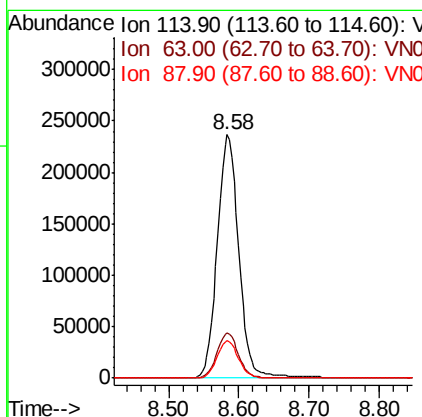
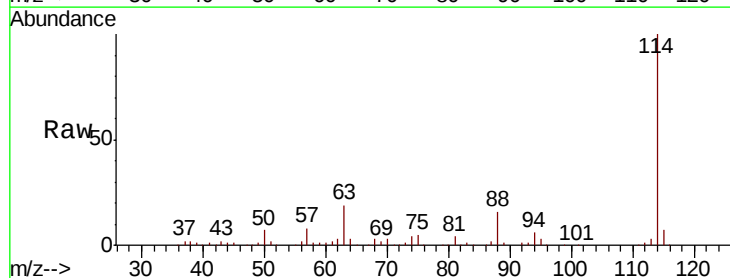
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-2

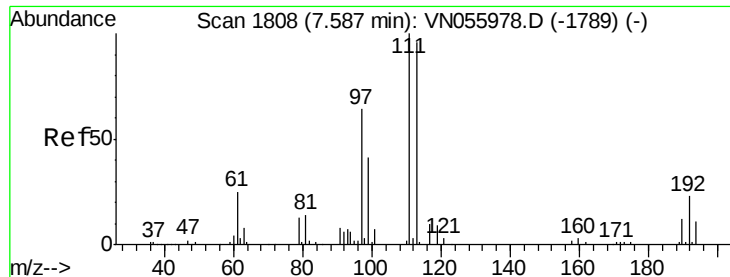
Tot Ion: 65 Resp: 163790  
 Ion Ratio Lower Upper  
 65 100  
 67 55.7 0.0 109.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN056096.D  
 Acq: 7 Jun 2019 13:41

Tgt Ion: 114 Resp: 505157  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 39.2  
 88 15.5 0.0 31.0

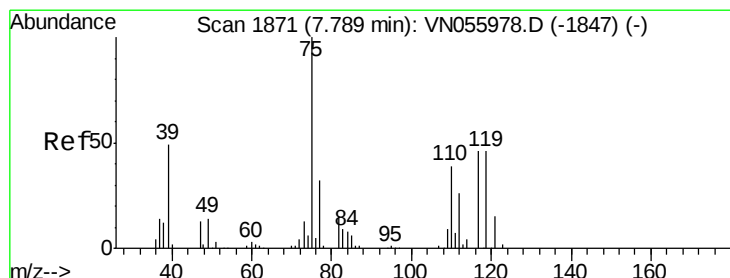
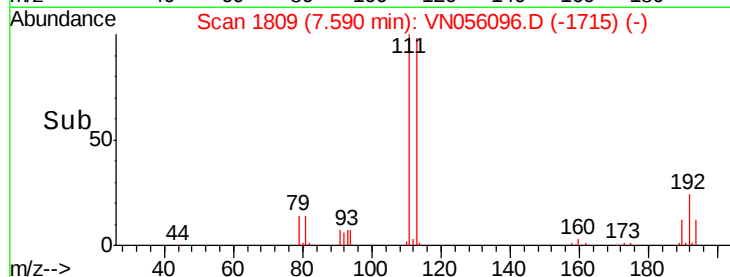
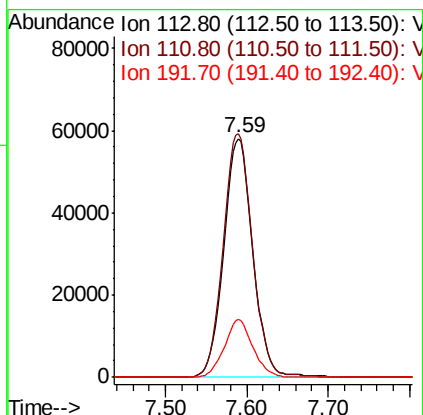
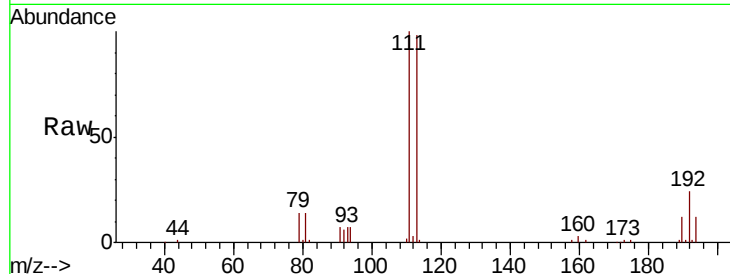




#35  
 Dibromofluoromethane  
 Concen: 46.953 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN056096.D  
 Acq: 7 Jun 2019 13:41

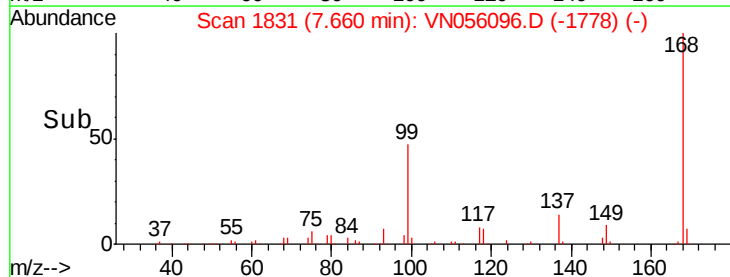
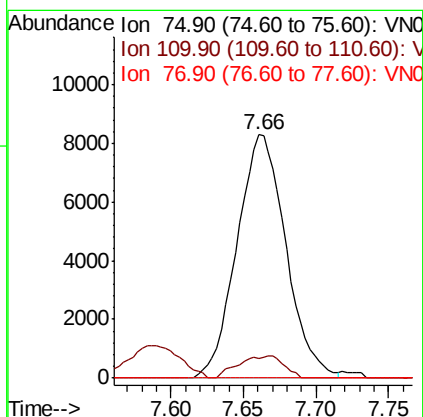
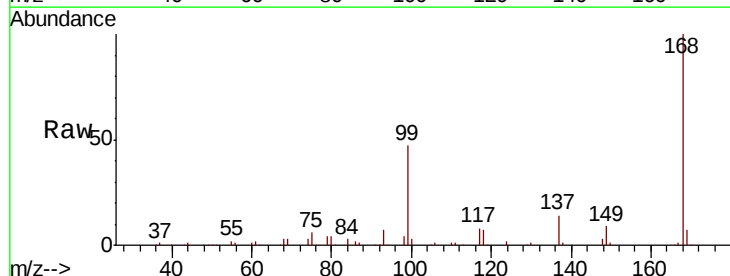
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-2

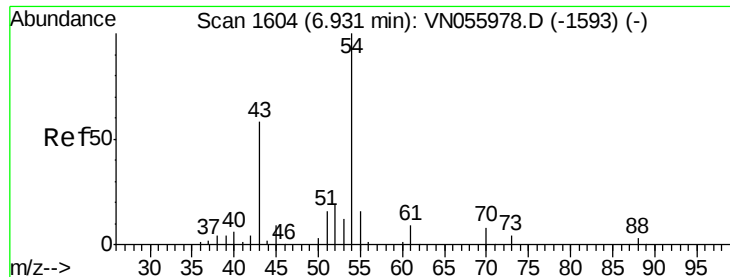
Tot Ion:113 Resp: 145522  
 Ion Ratio Lower Upper  
 113 100  
 111 103.0 81.9 122.9  
 192 23.7 19.5 29.3



#36  
 1,1-Dichloropropene  
 Concen: 4.474 ug/l  
 RT: 7.66 min Scan# 1831  
 Delta R.T. -0.13 min  
 Lab File: VN056096.D  
 Acq: 7 Jun 2019 13:41

Tgt Ion: 75 Resp: 19432  
 Ion Ratio Lower Upper  
 75 100  
 110 8.4 19.0 57.0#  
 77 0.0 25.1 37.7#

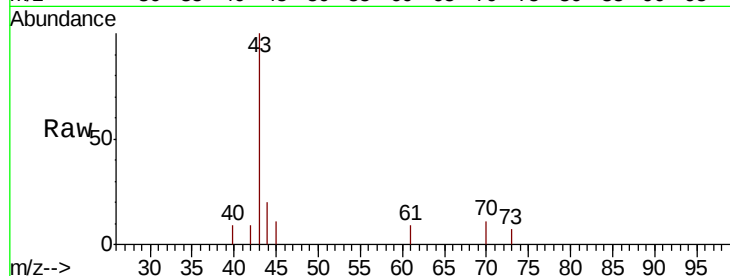




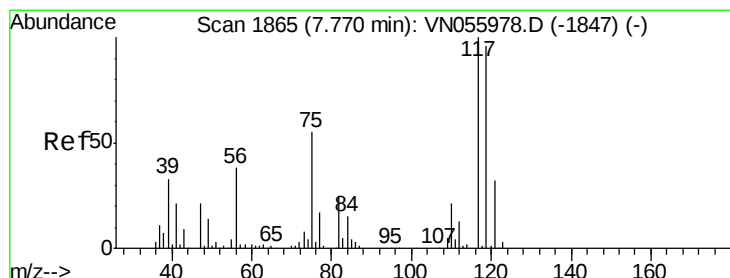
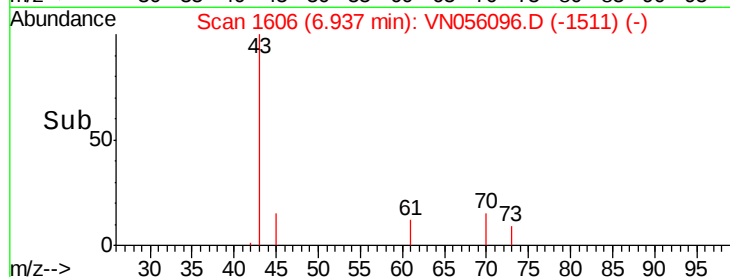
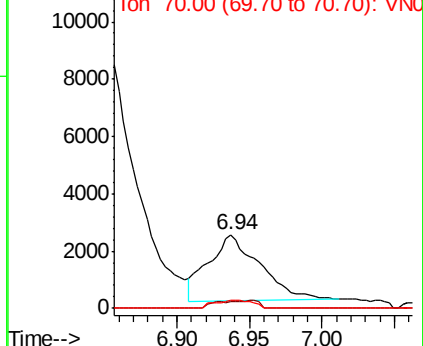
#37  
Ethyl Acetate  
Concen: 1.482 ug/l  
RT: 6.94 min Scan# 1606  
Delta R.T. 0.01 min  
Lab File: VN056096.D  
Acq: 7 Jun 2019 13:41

Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-2

Tot Ion: 43 Resp: 5727  
Ion Ratio Lower Upper  
43 100  
61 3.5 12.2 18.2#  
70 8.9 8.9 13.3

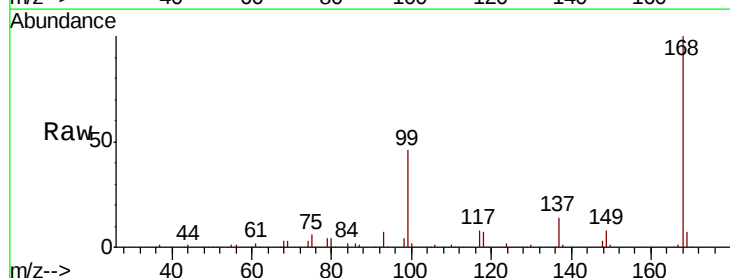


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

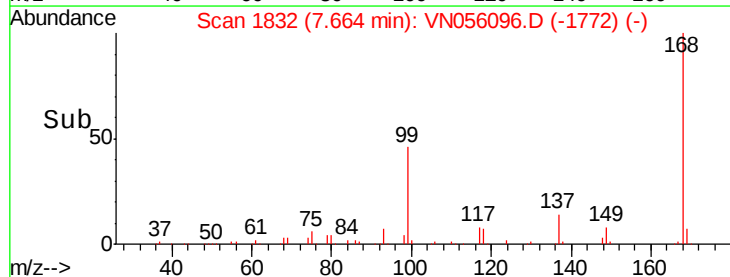
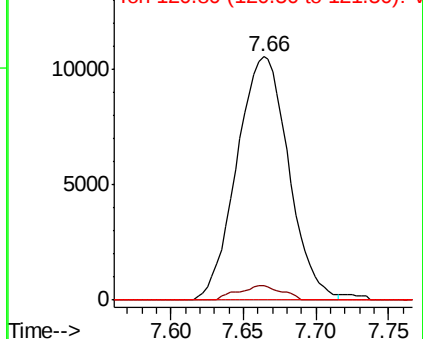


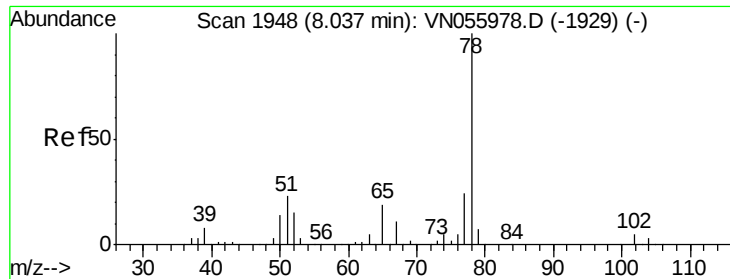
#38  
Carbon Tetrachloride  
Concen: 6.543 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. -0.11 min  
Lab File: VN056096.D  
Acq: 7 Jun 2019 13:41

Tgt Ion: 117 Resp: 26201  
Ion Ratio Lower Upper  
117 100  
119 6.0 79.0 118.6#  
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





#40

Benzene

Concen: 0.281 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampled :

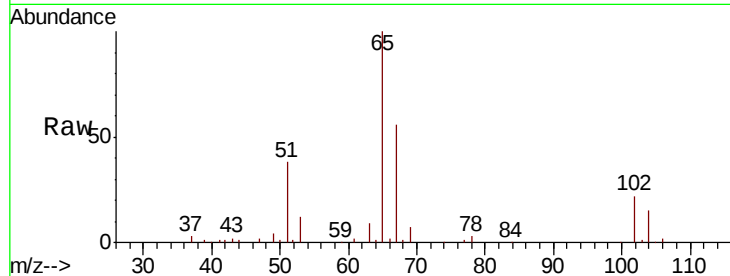
COMP-2

Tot Ion: 78 Resp: 3707

Ion Ratio Lower Upper

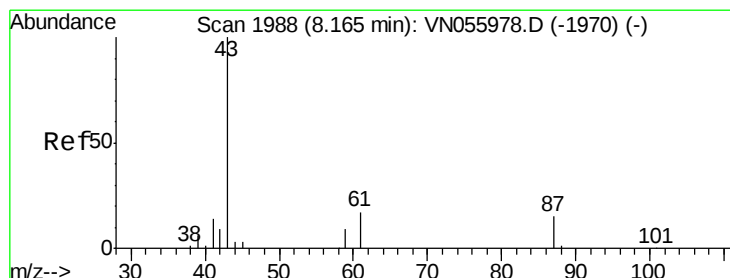
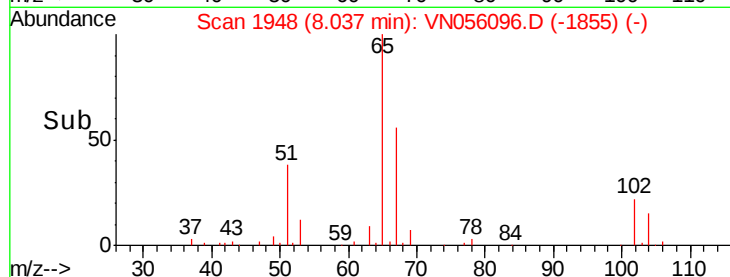
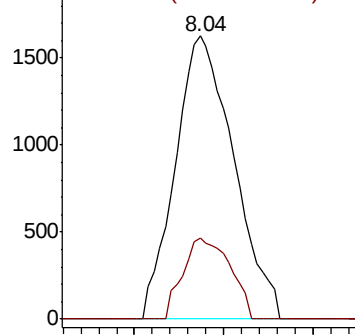
78 100

77 28.7 18.8 28.2#



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 0.799 ug/l

RT: 8.30 min Scan# 2029

Delta R.T. 0.13 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

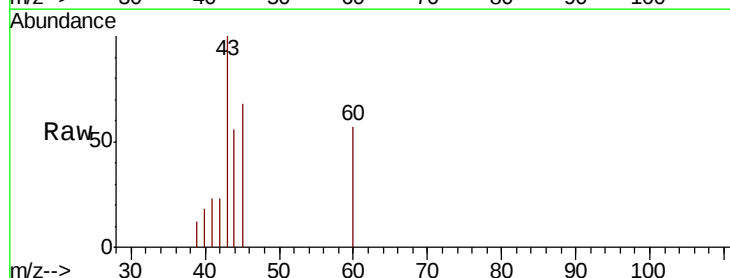
Tgt Ion: 43 Resp: 5003

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

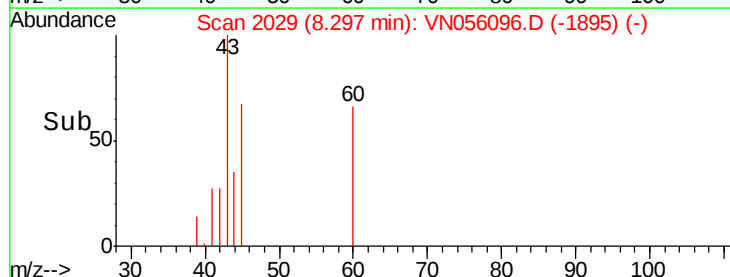
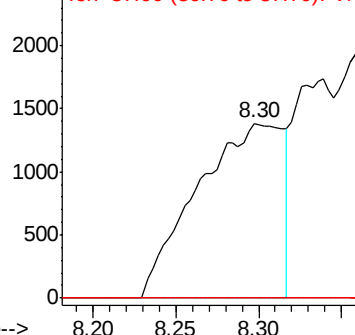
87 0.0 11.4 17.2#

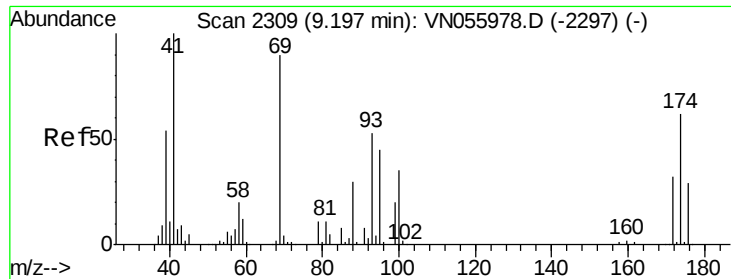


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

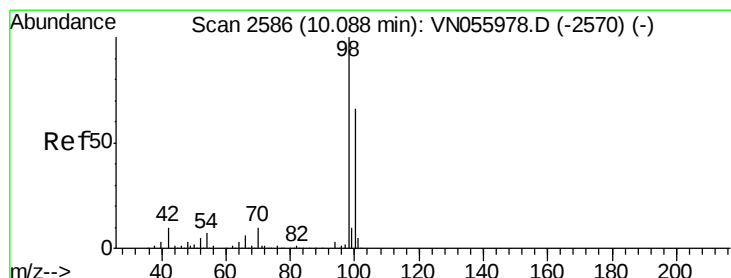
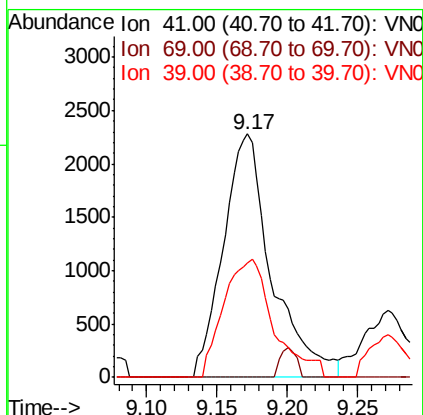
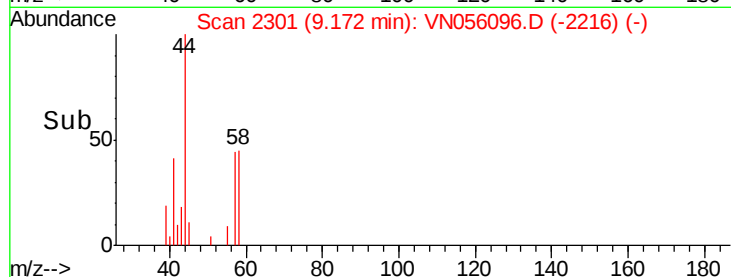
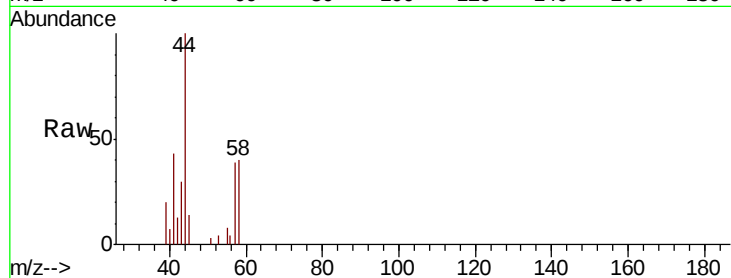




#48  
Methyl methacrylate  
Concen: 1.783 ug/l  
RT: 9.17 min Scan# 2301  
Delta R.T. -0.03 min  
Lab File: VN056096.D  
Acq: 7 Jun 2019 13:41

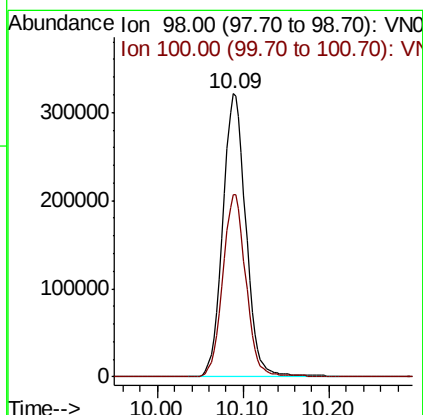
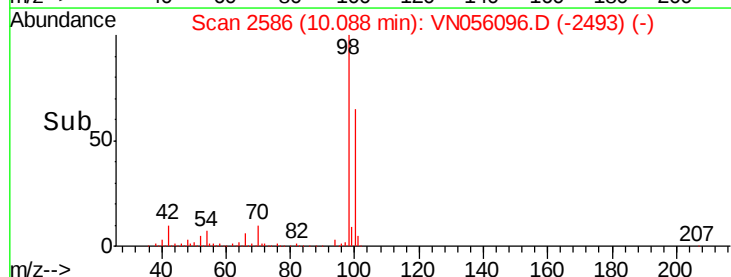
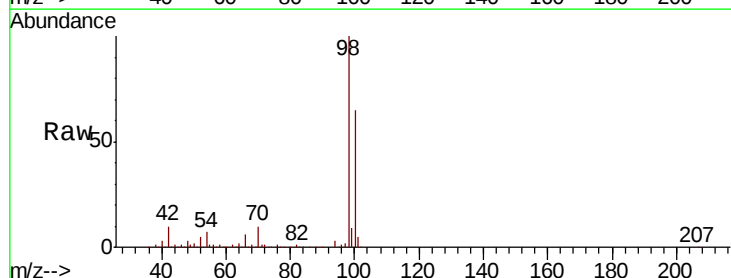
Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-2

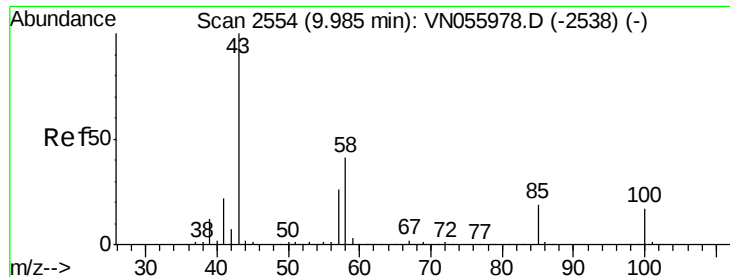
Tot Ion: 41 Resp: 5464  
Ion Ratio Lower Upper  
41 100  
69 0.0 71.0 106.6#  
39 50.1 44.2 66.2



#50  
Toluene-d8  
Concen: 50.562 ug/l  
RT: 10.09 min Scan# 2586  
Delta R.T. -0.00 min  
Lab File: VN056096.D  
Acq: 7 Jun 2019 13:41

Tgt Ion: 98 Resp: 603013  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 0.202 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampled :

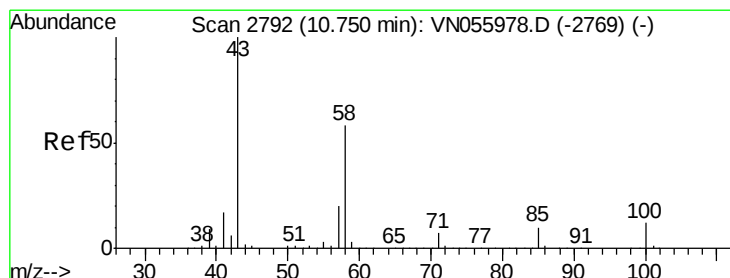
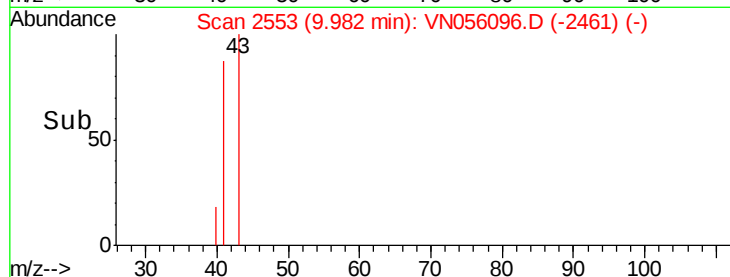
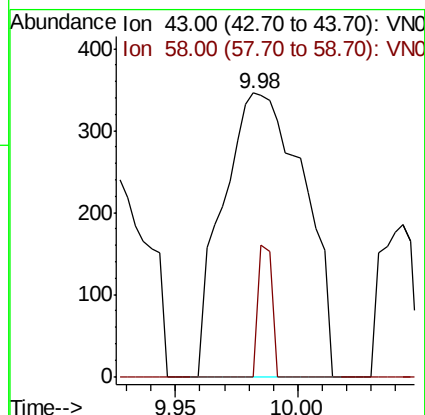
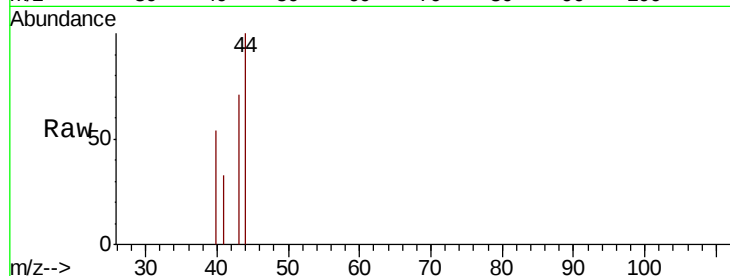
COMP-2

Tot Ion: 43 Resp: 793

Ion Ratio Lower Upper

43 100

58 0.0 32.1 48.1#



#59

2-Hexanone

Concen: 0.343 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056096.D

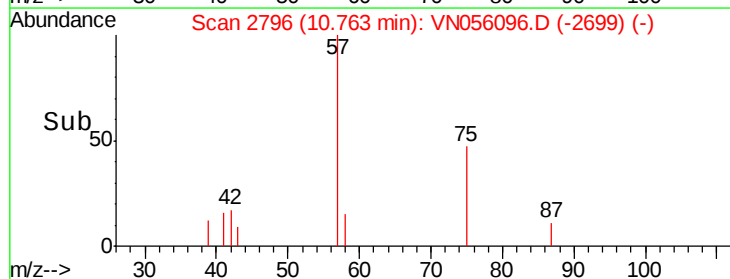
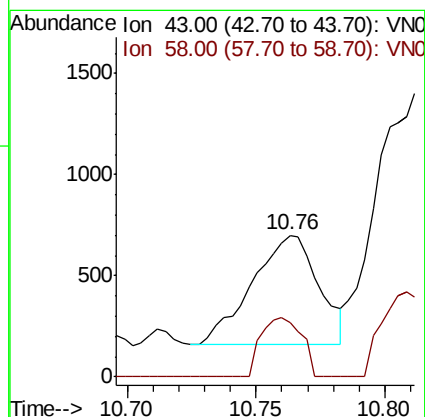
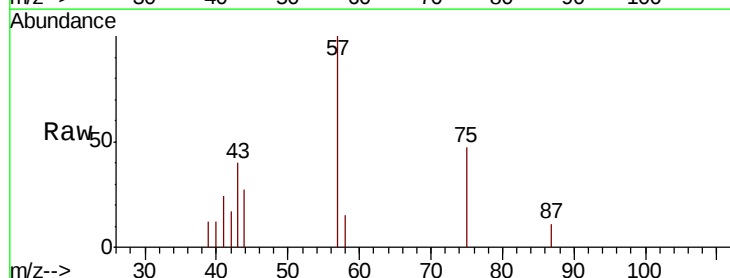
Acq: 7 Jun 2019 13:41

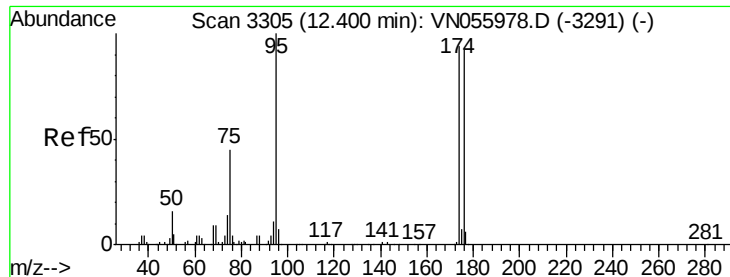
Tgt Ion: 43 Resp: 975

Ion Ratio Lower Upper

43 100

58 32.9 28.2 84.7





#62

4-Bromofluorobenzene

Concen: 47.598 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampleId :

COMP-2

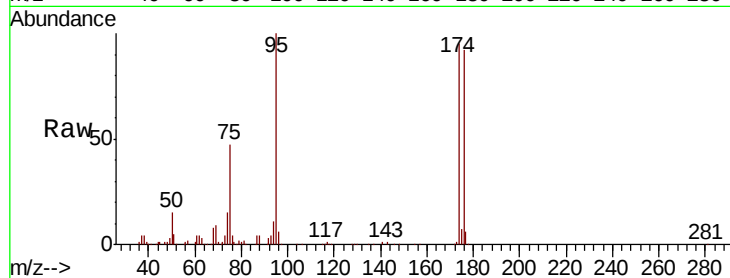
Tot Ion: 95 Resp: 193049

Ion Ratio Lower Upper

95 100

174 95.0 0.0 191.0

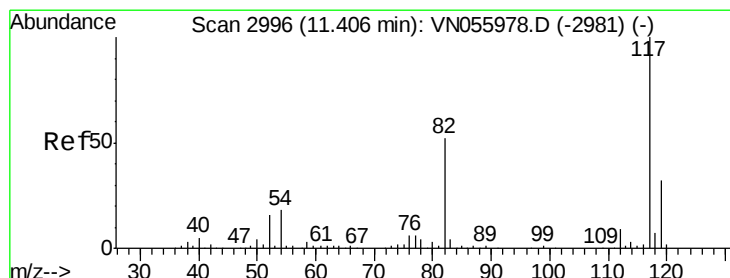
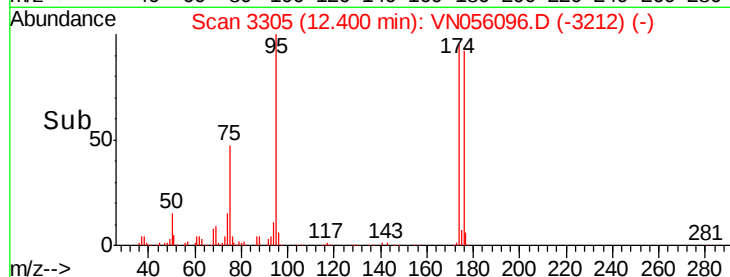
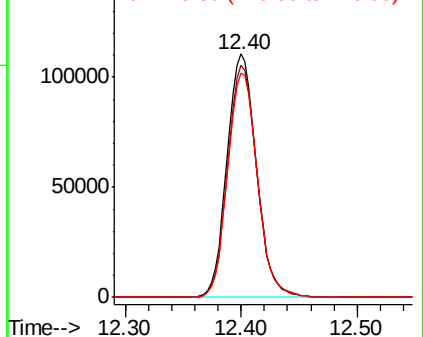
176 93.0 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

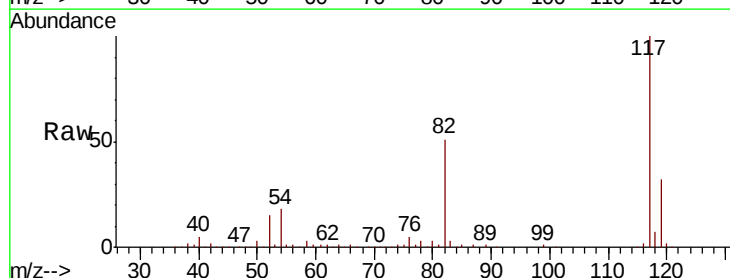
Tgt Ion: 117 Resp: 480390

Ion Ratio Lower Upper

117 100

82 51.2 41.8 62.8

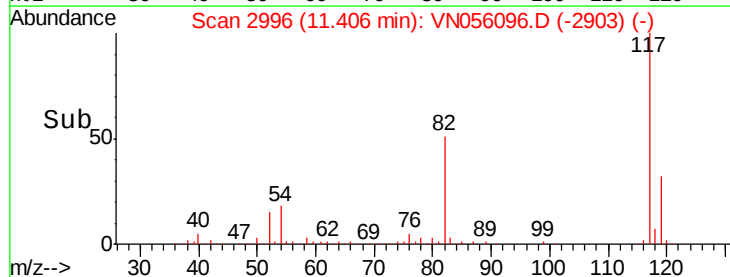
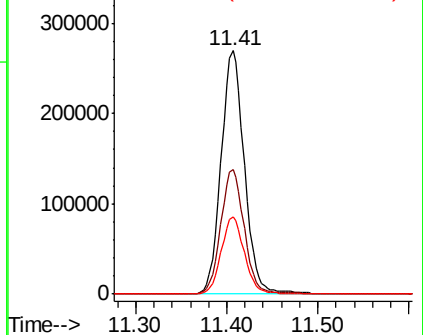
119 31.5 25.4 38.0

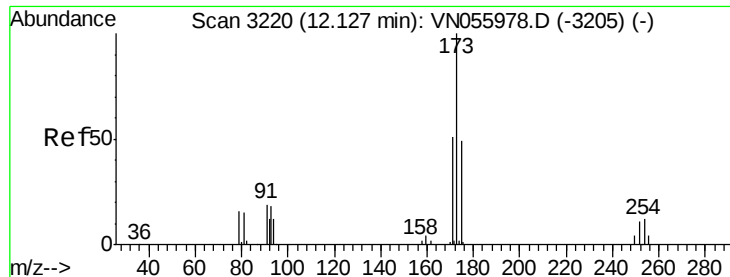


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#71

Bromoform

Concen: 3.173 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampleId :

COMP-2

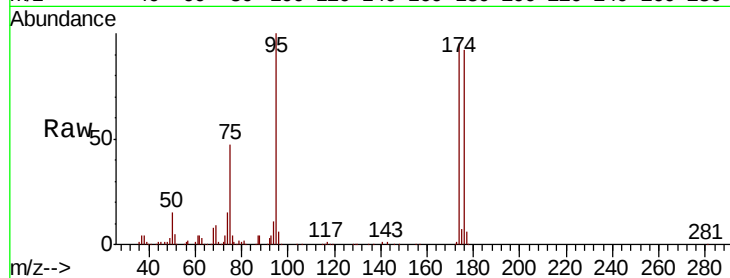
Tot Ion:173 Resp: 1263

Ion Ratio Lower Upper

173 100

175 901.3 24.3 72.8#

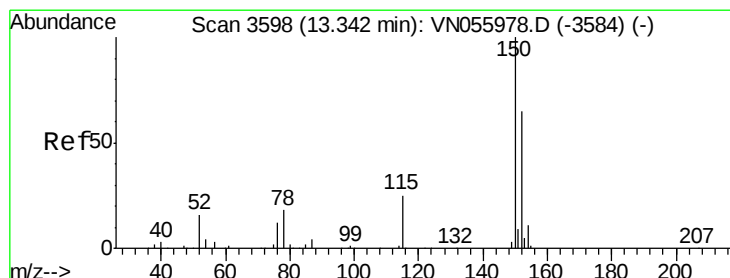
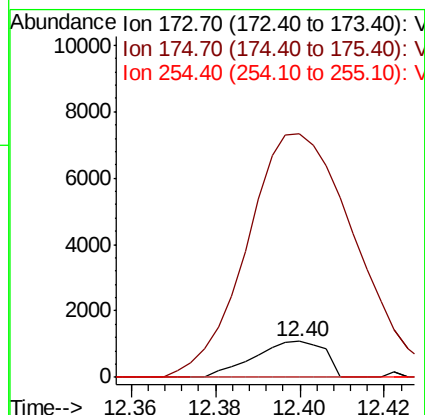
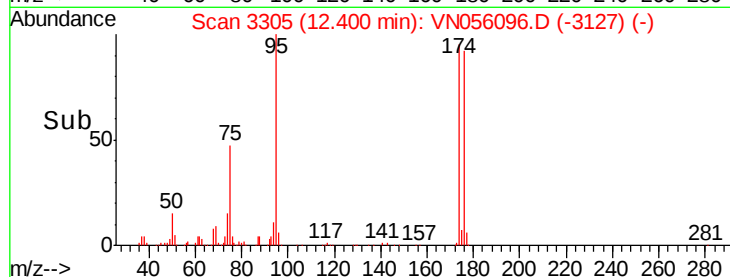
254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

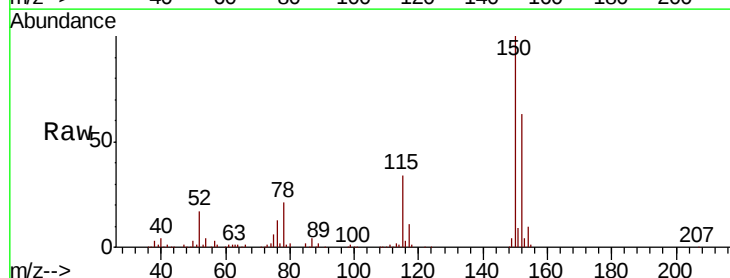
Tgt Ion:152 Resp: 156660

Ion Ratio Lower Upper

152 100

115 53.0 27.0 81.0

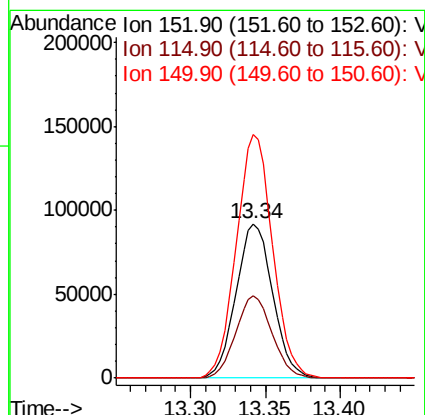
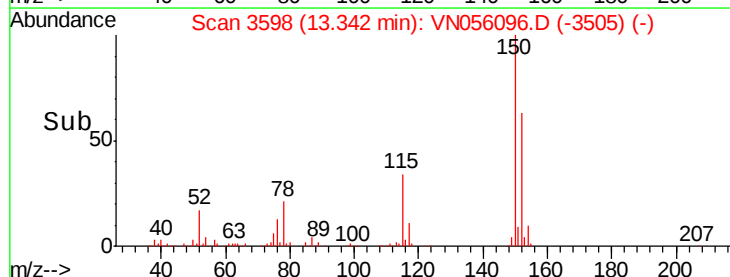
150 156.6 0.0 343.2

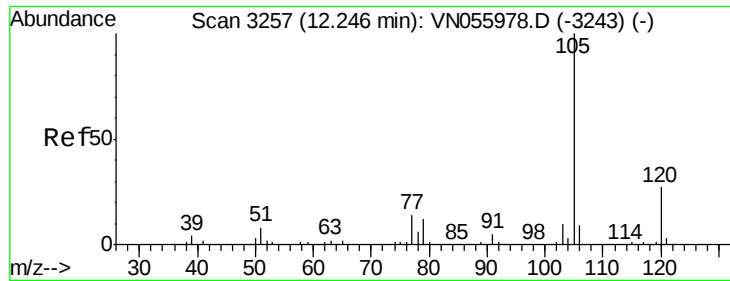


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3255

Delta R.T. -0.01 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampleId :

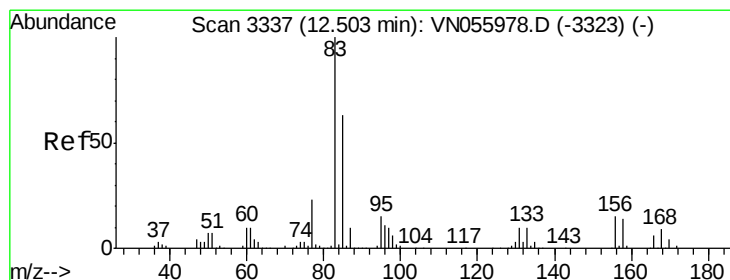
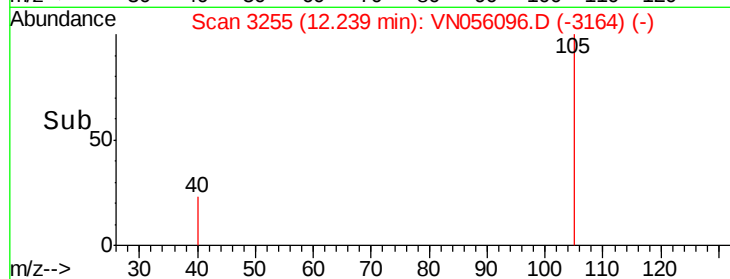
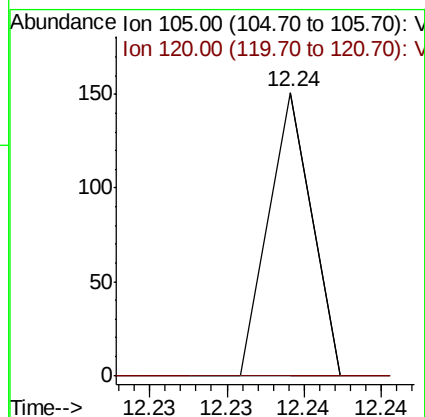
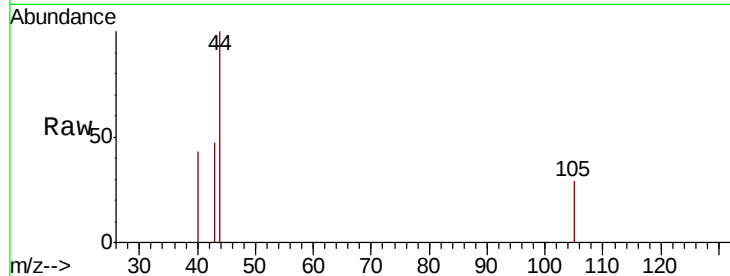
COMP-2

Tot Ion:105 Resp: 29

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.113 ug/l

RT: 12.36 min Scan# 3294

Delta R.T. -0.14 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

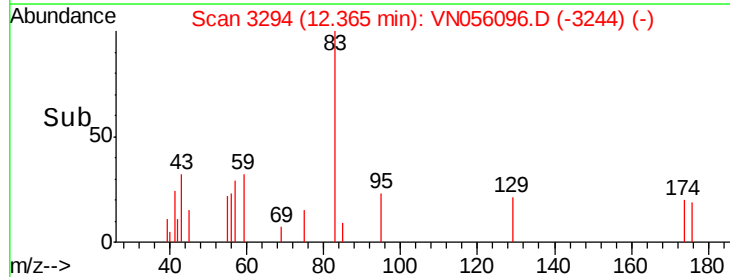
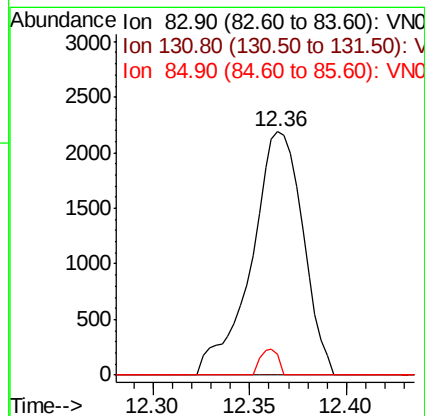
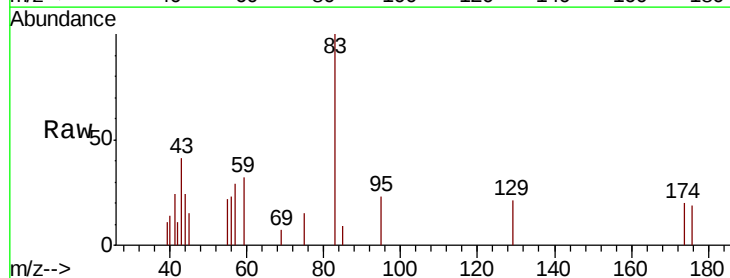
Tgt Ion: 83 Resp: 4046

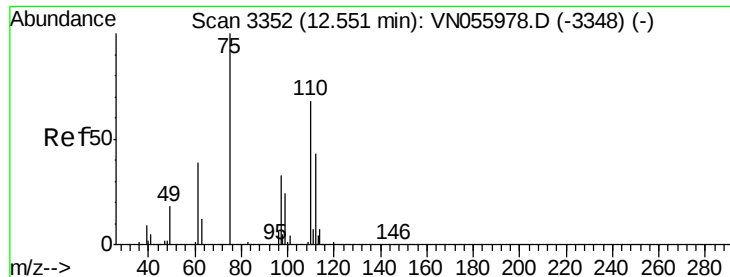
Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 3.8 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 30.785 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampleId :

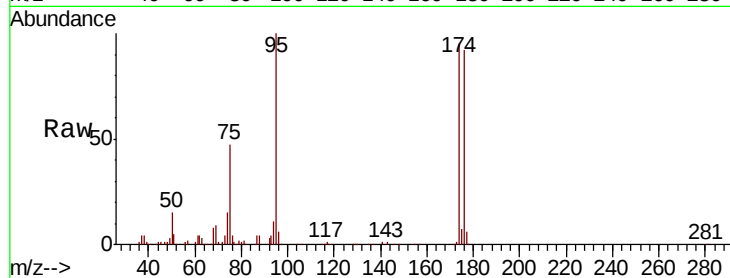
COMP-2

Tot Ion: 75 Resp: 88742

Ion Ratio Lower Upper

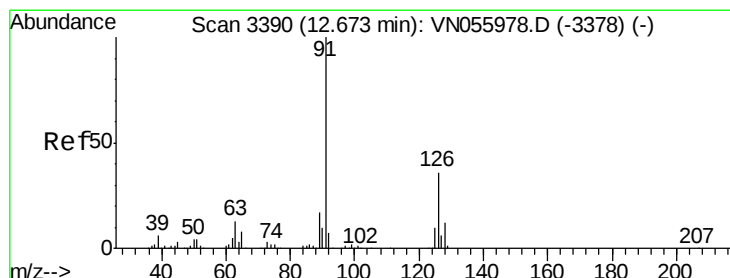
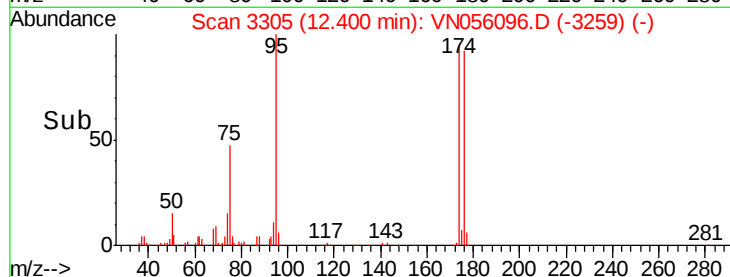
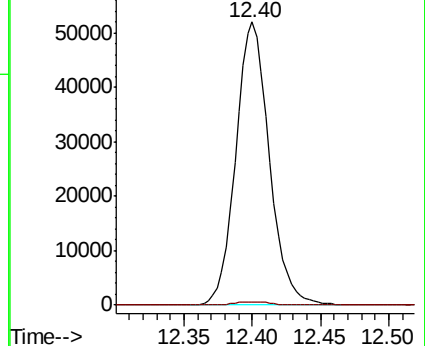
75 100

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



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056096.D

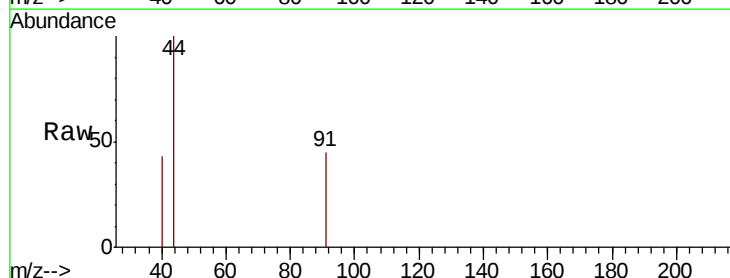
Acq: 7 Jun 2019 13:41

Tgt Ion: 91 Resp: 116

Ion Ratio Lower Upper

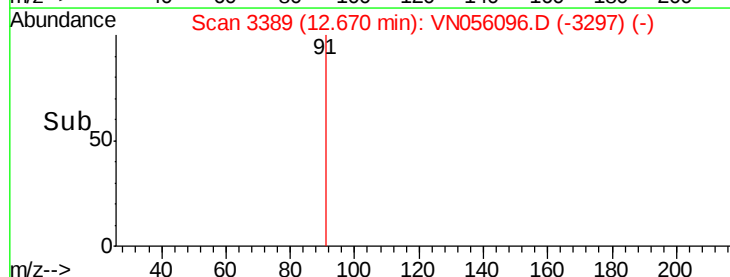
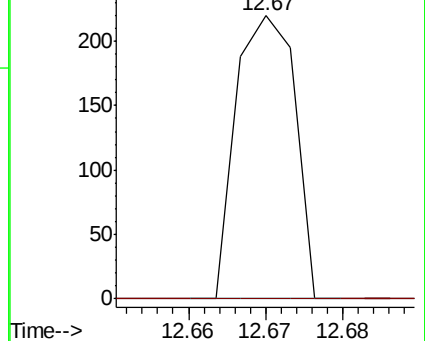
91 100

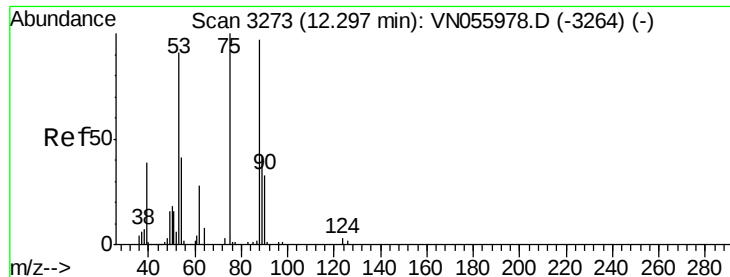
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 102.521 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampleId :

COMP-2

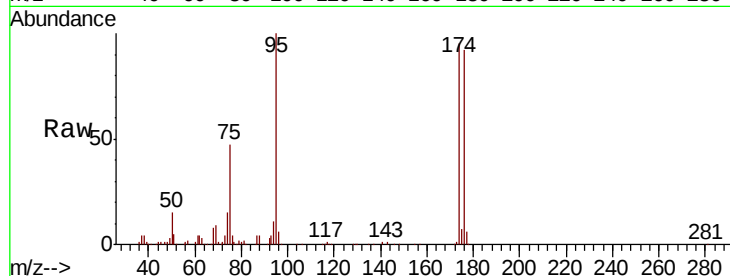
Tot Ion: 75 Resp: 88742

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

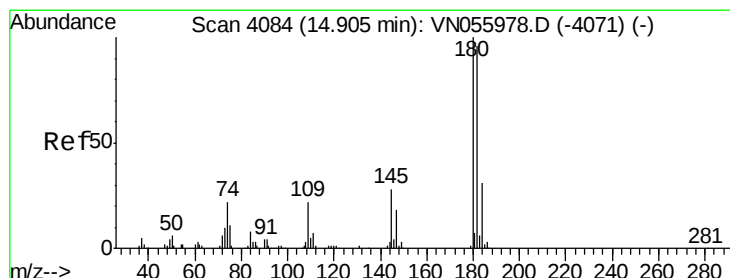
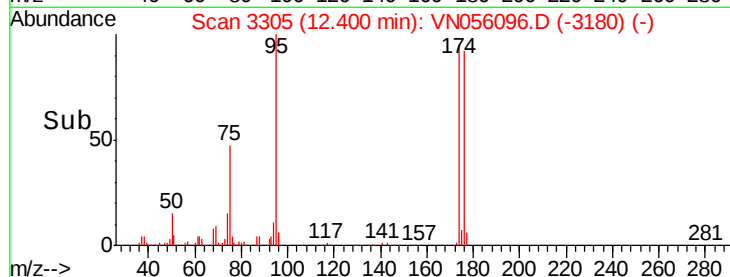
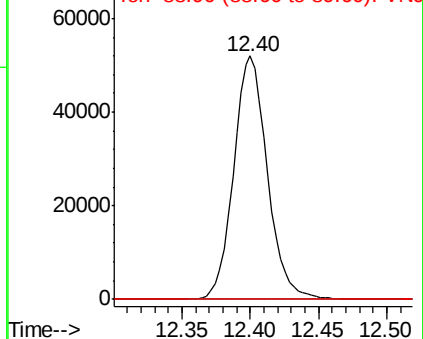
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.344 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

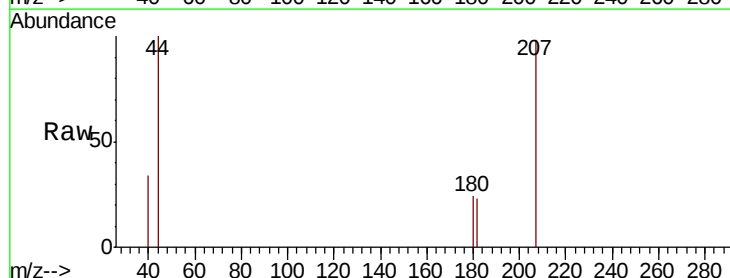
Tgt Ion: 180 Resp: 234

Ion Ratio Lower Upper

180 100

182 112.0 48.3 144.9

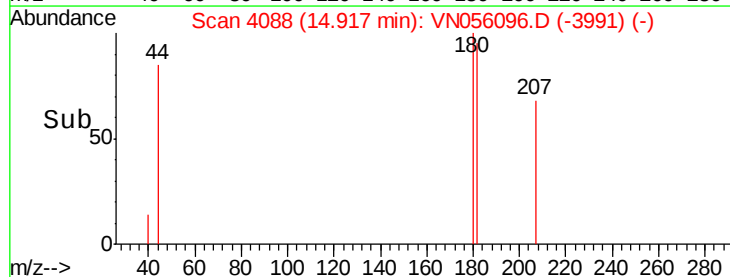
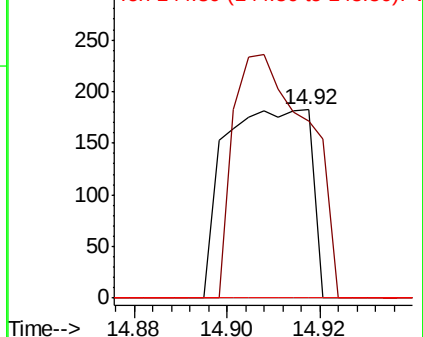
145 0.0 14.0 41.9#

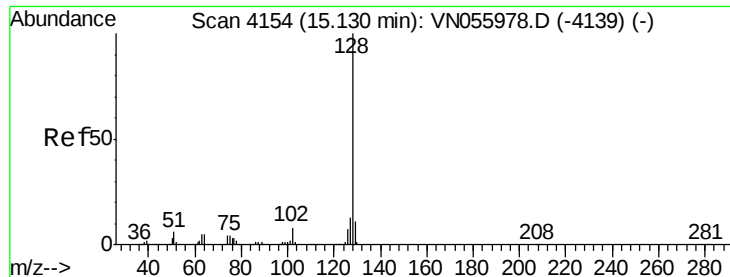


Abundance Ion 179.80 (179.50 to 180.50): VN055978.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN055978.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN055978.D (-4071) (-)





#95

Naphthalene

Concen: 4.505 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA\_N

ClientSampleId :

COMP-2

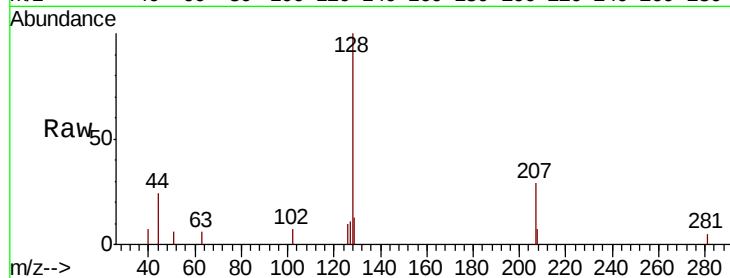
Tot Ion:128 Resp: 5306

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

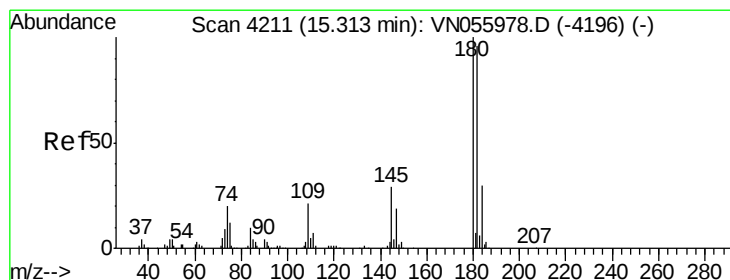
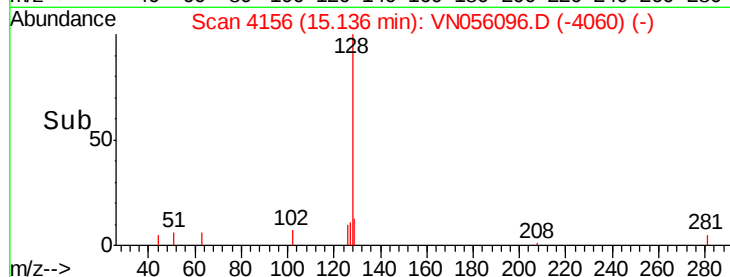
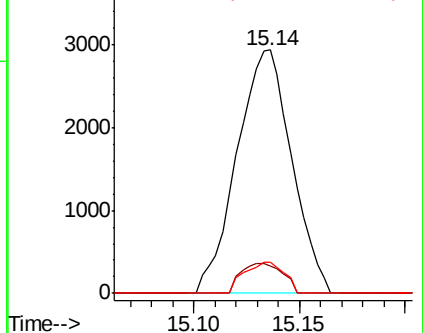
129 9.2 8.7 13.1



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: 3.093 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

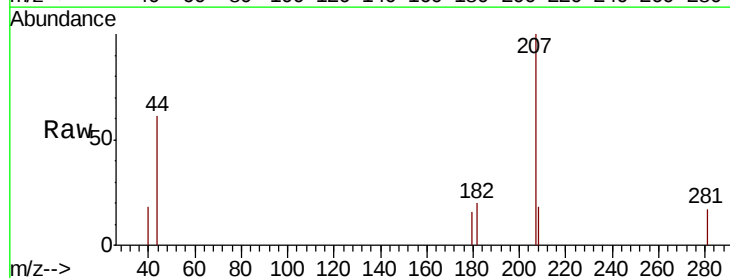
Tgt Ion:180 Resp: 195

Ion Ratio Lower Upper

180 100

182 151.8 47.9 143.7#

145 0.0 14.9 44.7#



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

