

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\  
 Data File : VN049237.D  
 Acq On : 14 Jun 2018 19:16  
 Operator : MD\SY  
 Sample : J3435-06  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 15 04:06:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061318W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 14 05:15:23 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 650680   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1155456  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1190340  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 460302   | 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   | 409682   | 38.99 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 77.98% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 369094   | 38.59 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 77.18% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1458388  | 39.20 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 78.40% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 548007   | 44.38 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 88.76% |          |

| Target Compounds              | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|-------------------------------|-------|------|----------|-------|--------|--------|
| 3) Chloromethane              | 2.02  | 50   | 18013    | 1.88  | ug/l # | 71     |
| 5) Bromomethane               | 2.57  | 94   | 2594     | 0.25  | ug/l   | 82     |
| 11) Tert butyl alcohol        | 4.78  | 59   | 185      | 0.32  | ug/l # | 70     |
| 13) Acrolein                  | 3.56  | 56   | 43502    | 55.79 | ug/l # | 1      |
| 14) Allyl chloride            | 4.42  | 41   | 142950   | 9.37  | ug/l # | 58     |
| 15) Acrylonitrile             | 5.05  | 53   | 38448    | 12.47 | ug/l # | 36     |
| 16) Acetone                   | 3.82  | 43   | 222708   | 88.71 | ug/l # | 83     |
| 17) Carbon Disulfide          | 4.05  | 76   | 6681     | 0.24  | ug/l # | 92     |
| 18) Methyl Acetate            | 4.39  | 43   | 39910    | 3.37  | ug/l # | 56     |
| 20) Methylene Chloride        | 4.54  | 84   | 4946     | 0.49  | ug/l # | 1      |
| 23) Vinyl Acetate             | 5.93  | 43   | 5277     | 0.26  | ug/l # | 75     |
| 25) 2-Butanone                | 6.85  | 43   | 41942    | 11.67 | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83  | 96   | 14421    | 1.47  | ug/l   | 85     |
| 29) Tetrahydrofuran           | 7.21  | 42   | 576      | 0.25  | ug/l # | 45     |
| 30) Chloroform                | 7.33  | 83   | 17159    | 0.98  | ug/l # | 18     |
| 31) Cyclohexane               | 7.65  | 56   | 1034969  | 66.34 | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.66  | 75   | 51973    | 3.60  | ug/l # | 69     |
| 37) Ethyl Acetate             | 6.85  | 43   | 41942    | 4.60  | ug/l # | 43     |
| 38) Carbon Tetrachloride      | 7.67  | 117  | 60877    | 4.19  | ug/l # | 16     |
| 39) Methylcyclohexane         | 9.08  | 83   | 369396   | 24.77 | ug/l   | 99     |
| 40) Benzene                   | 8.04  | 78   | 390673   | 8.93  | ug/l   | 99     |
| 41) Methacrylonitrile         | 7.20  | 41   | 2019     | 0.39  | ug/l # | 100    |
| 43) Isopropyl Acetate         | 8.14  | 43   | 50350    | 3.00  | ug/l # | 64     |
| 44) Trichloroethene           | 8.84  | 130  | 14084    | 1.29  | ug/l   | 80     |
| 47) Bromodichloromethane      | 9.38  | 83   | 7013     | 0.47  | ug/l # | 26     |
| 48) Methyl methacrylate       | 9.27  | 41   | 29491    | 3.60  | ug/l # | 54     |
| 49) 1,4-Dioxane               | 9.21  | 88   | 165      | 1.71  | ug/l # | 43     |
| 51) 4-Methyl-2-Pentanone      | 9.99  | 43   | 18351    | 2.06  | ug/l   | 100    |
| 52) Toluene                   | 10.16 | 92   | 371618   | 14.60 | ug/l   | 98     |
| 55) 1,1,2-Trichloroethane     | 10.53 | 97   | 23335    | 2.50  | ug/l # | 18     |
| 56) Ethyl methacrylate        | 10.43 | 69   | 3865     | 0.34  | ug/l # | 18     |
| 58) 2-Chloroethyl Vinyl ether | 9.70  | 63   | 74       | 13.20 | ug/l # | 51     |
| 59) 2-Hexanone                | 10.76 | 43   | 3673     | 0.66  | ug/l   | 72     |
| 60) Dibromochloromethane      | 10.64 | 129  | 5631     | 0.54  | ug/l # | 10     |

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 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 15 04:06:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061318W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 14 05:15:23 2018  
 Response via : Initial Calibration

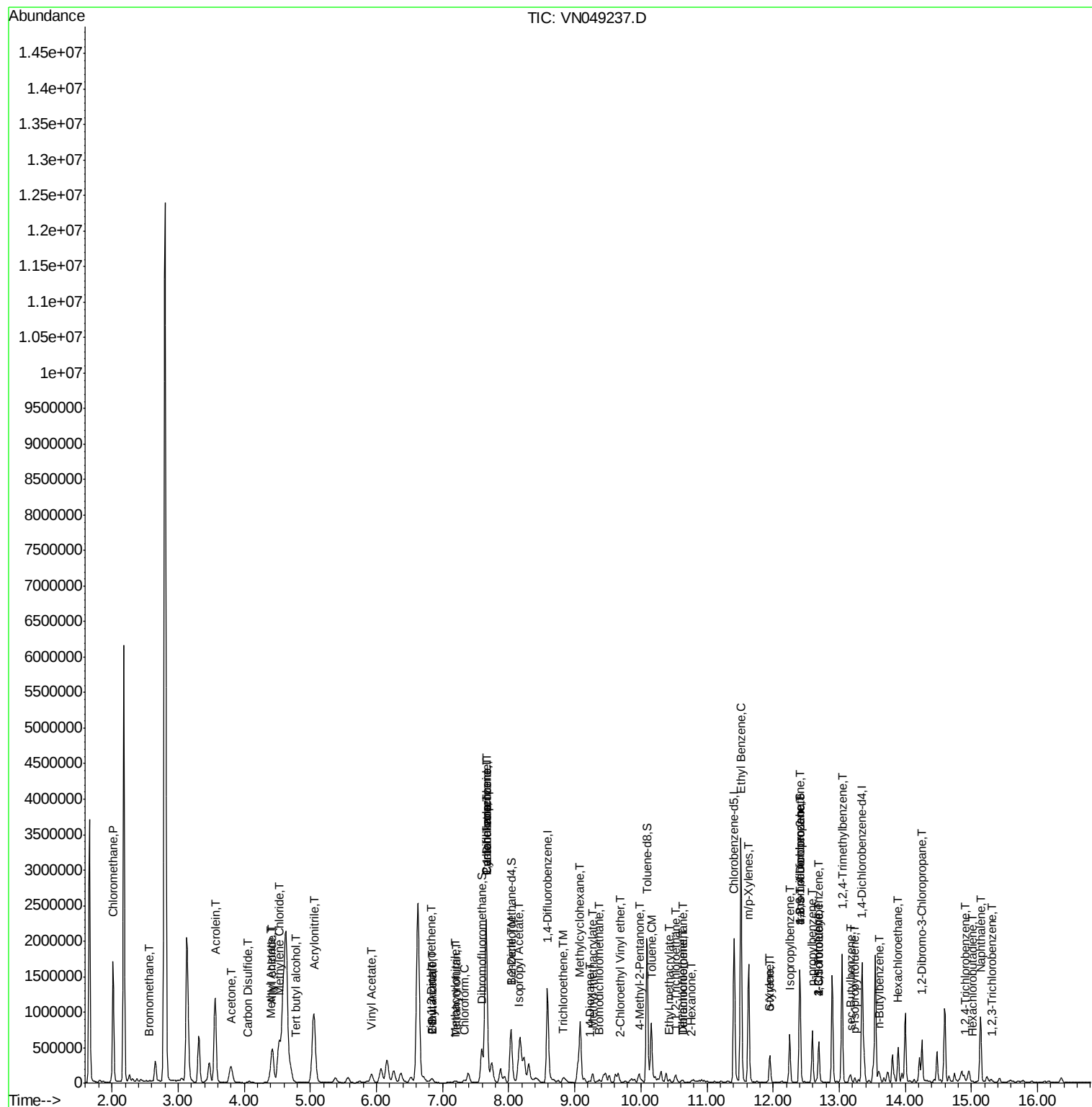
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 64) Tetrachloroethene          | 10.63 | 164  | 6664     | 0.56   | ug/l   | 95       |
| 67) Ethyl Benzene              | 11.51 | 91   | 2506924  | 47.32  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.63 | 106  | 468954   | 24.21  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 98159    | 5.26   | ug/l   | 96       |
| 70) Styrene                    | 11.95 | 104  | 7174     | 0.24   | ug/l # | 1        |
| 73) Isopropylbenzene           | 12.25 | 105  | 429133   | 9.71   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.49 | 83   | 608      | Below  | Cal #  | 43       |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 278091   | 35.83  | ug/l # | 100      |
| 77) Bromobenzene               | 12.54 | 156  | 124      | Below  | Cal #  | 1        |
| 78) n-propylbenzene            | 12.59 | 91   | 568749   | 11.58  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.69 | 91   | 45555    | 1.47   | ug/l # | 44       |
| 80) 1,3,5-Trimethylbenzene     | 12.69 | 105  | 384693   | 11.35  | ug/l   | 71       |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 278091   | 100.94 | ug/l # | 8        |
| 82) 4-Chlorotoluene            | 12.69 | 91   | 45555    | 1.55   | ug/l # | 44       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 989430   | 29.37  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 57955    | 1.49   | ug/l # | 66       |
| 86) p-Isopropyltoluene         | 13.24 | 119  | 29812    | 0.95   | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.62 | 91   | 59744    | 3.65   | ug/l # | 82       |
| 90) Hexachloroethane           | 13.89 | 117  | 27069    | 2.61   | ug/l # | 9        |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 2709     | 1.76   | ug/l # | 4        |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 1735     | 4.60   | ug/l # | 85       |
| 94) Hexachlorobutadiene        | 15.01 | 225  | 1954     | 0.38   | ug/l   | 79       |
| 95) Naphthalene                | 15.14 | 128  | 784107   | 49.16  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 2147     | 0.32   | ug/l # | 76       |
| -----                          |       |      |          |        |        |          |

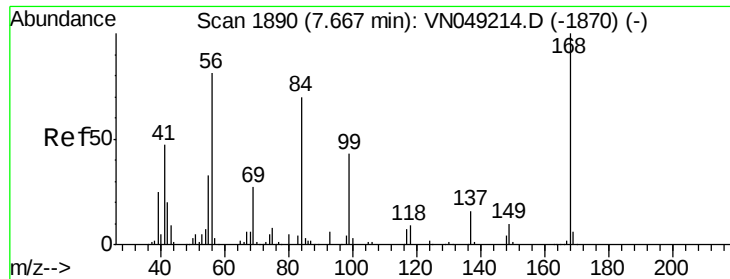
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

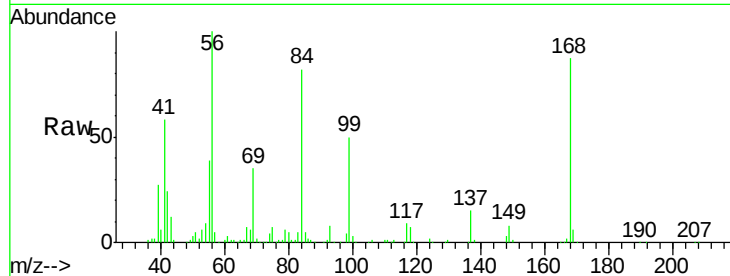
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 650680

Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

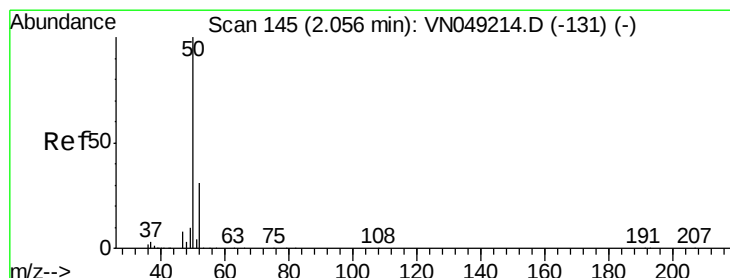
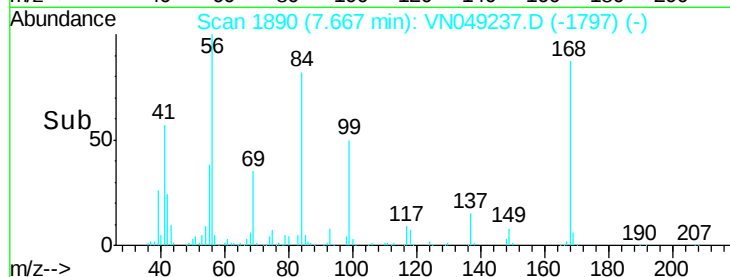
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 1.88 ug/l

RT: 2.02 min Scan# 133

Delta R.T. -0.04 min

Lab File: VN049237.D

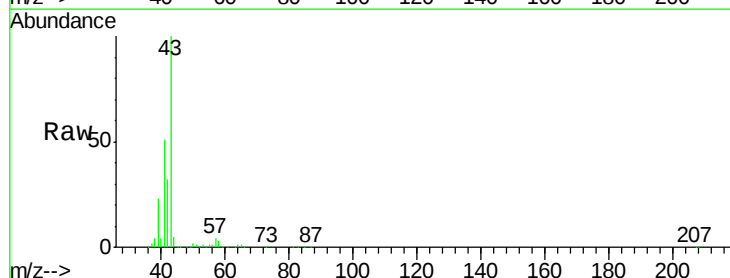
Acq: 14 Jun 2018 19:16

Tgt Ion: 50 Resp: 18013

Ion Ratio Lower Upper

50 100

52 15.5 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

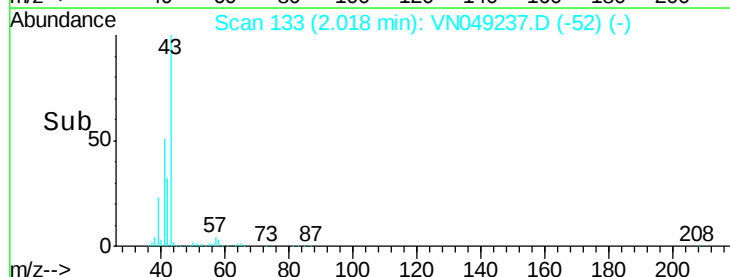
2.02

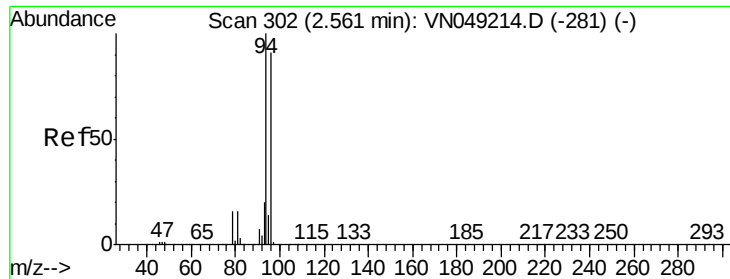
10000

5000

0

Time--> 1.95 2.00 2.05





#5

Bromomethane

Concen: 0.25 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

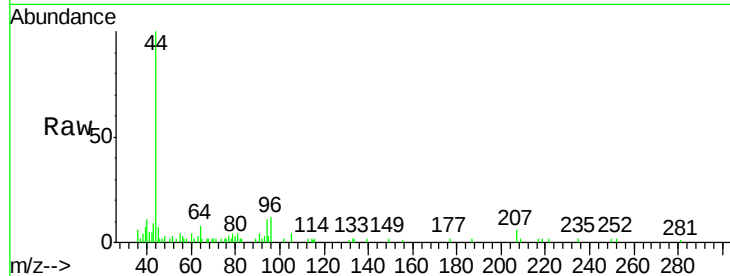
ClientSampleId :

Tot Ion: 94 Resp: 2594

Ion Ratio Lower Upper

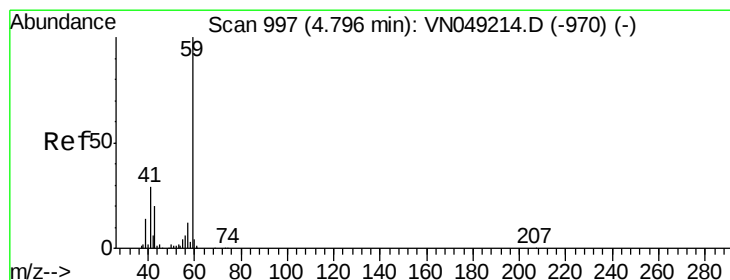
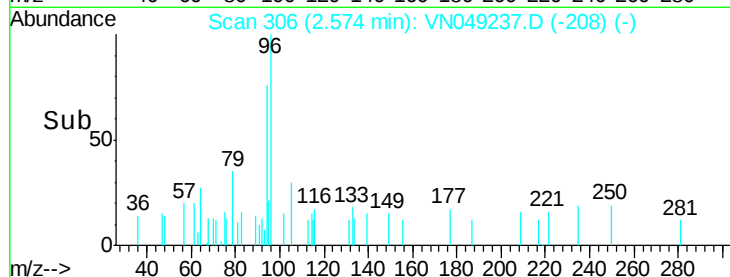
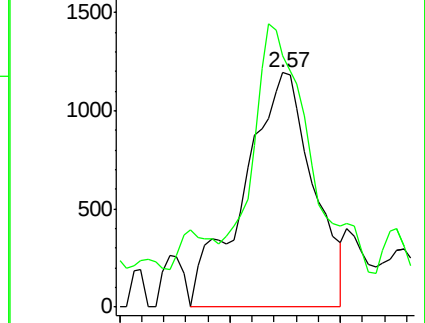
94 100

96 74.1 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 0.32 ug/l

RT: 4.78 min Scan# 993

Delta R.T. -0.01 min

Lab File: VN049237.D

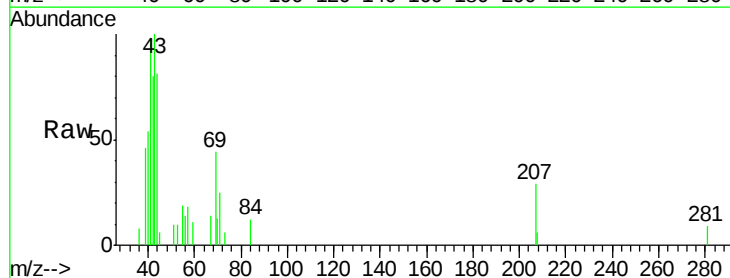
Acq: 14 Jun 2018 19:16

Tgt Ion: 59 Resp: 185

Ion Ratio Lower Upper

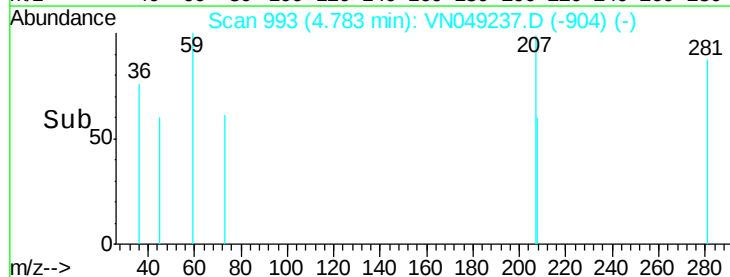
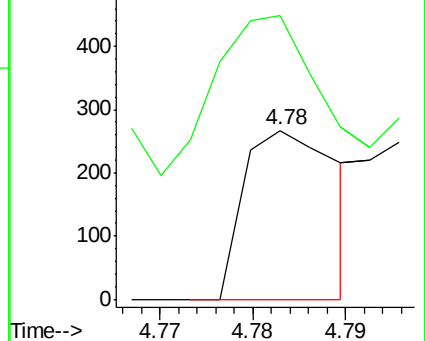
59 100

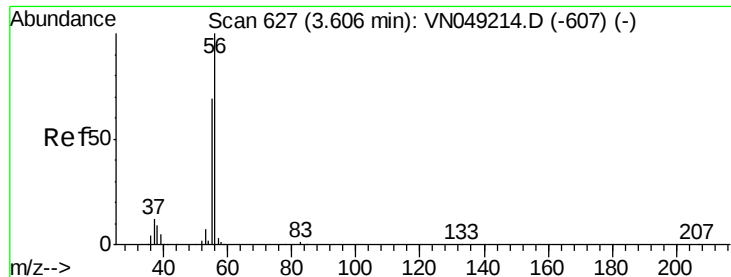
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 55.79 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.04 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

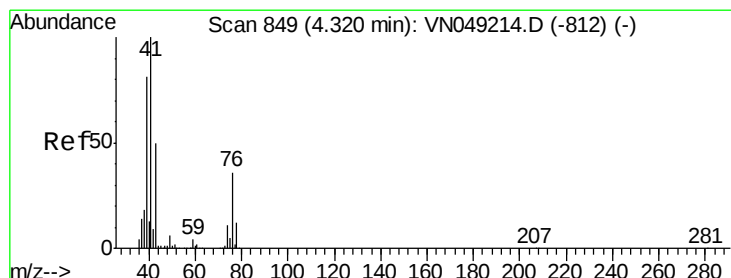
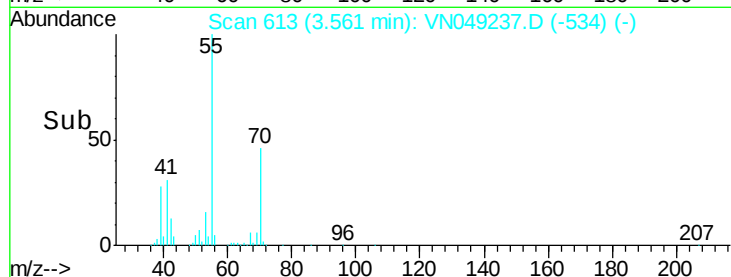
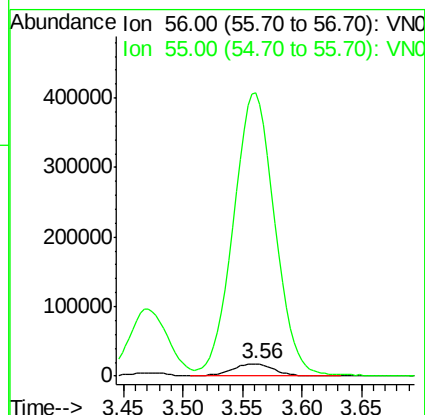
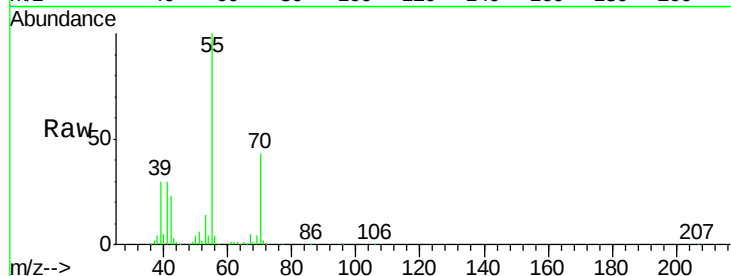
ClientSampled :

Tot Ion: 56 Resp: 43502

Ion Ratio Lower Upper

56 100

55 2254.0 57.1 85.7#



#14

Allyl chloride

Concen: 9.37 ug/l

RT: 4.42 min Scan# 879

Delta R.T. 0.10 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

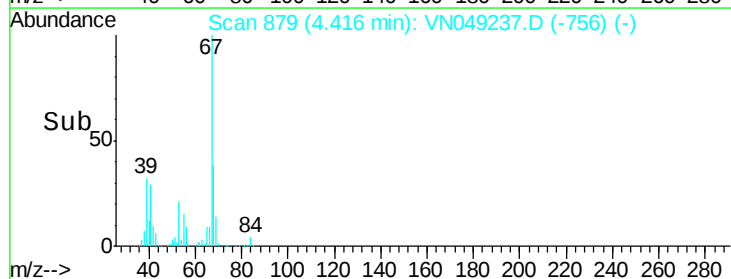
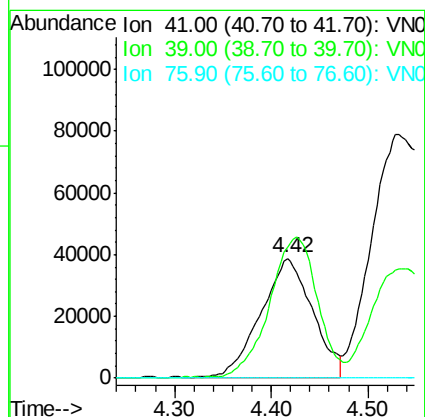
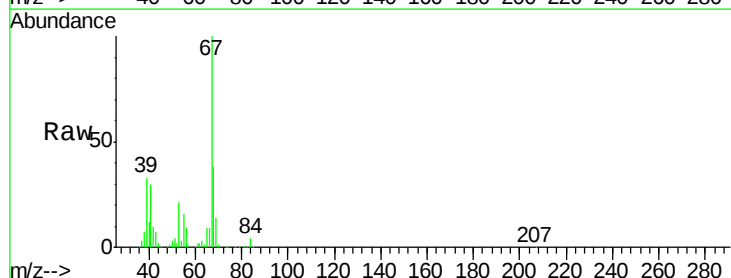
Tgt Ion: 41 Resp: 142950

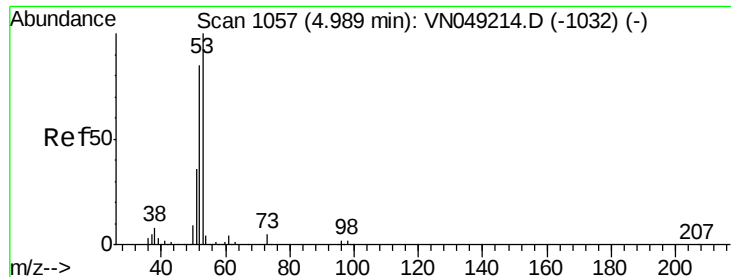
Ion Ratio Lower Upper

41 100

39 108.4 62.5 93.7#

76 0.0 27.1 40.7#





#15

Acrylonitrile

Concen: 12.47 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.06 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampled :

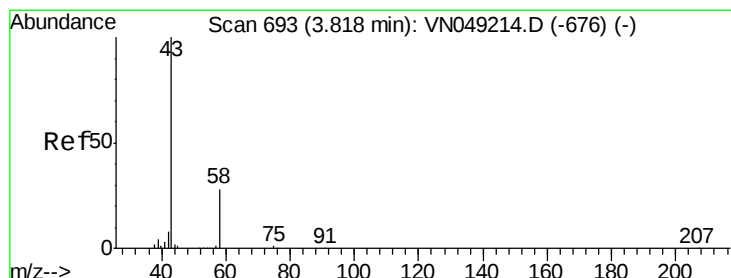
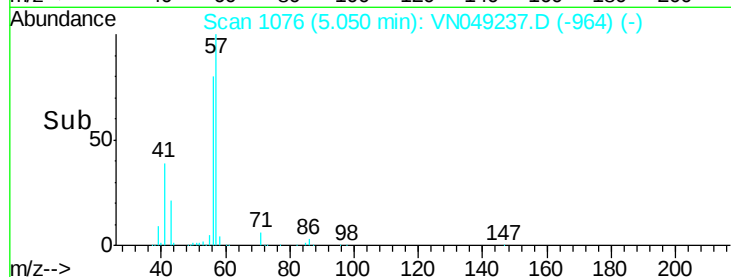
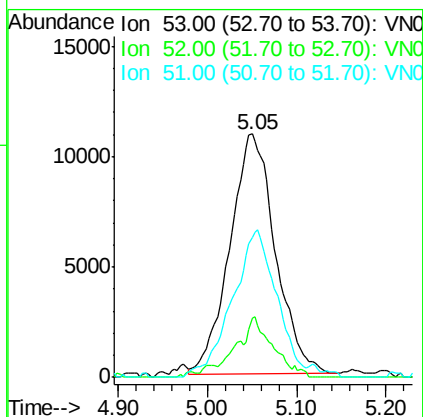
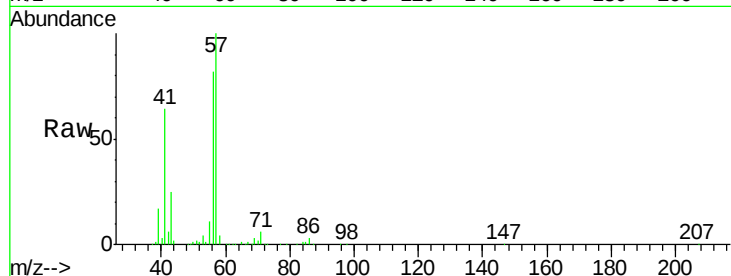
Tot Ion: 53 Resp: 38448

Ion Ratio Lower Upper

53 100

52 15.4 66.6 100.0#

51 59.7 29.8 44.8#



#16

Acetone

Concen: 88.71 ug/l

RT: 3.82 min Scan# 692

Delta R.T. -0.00 min

Lab File: VN049237.D

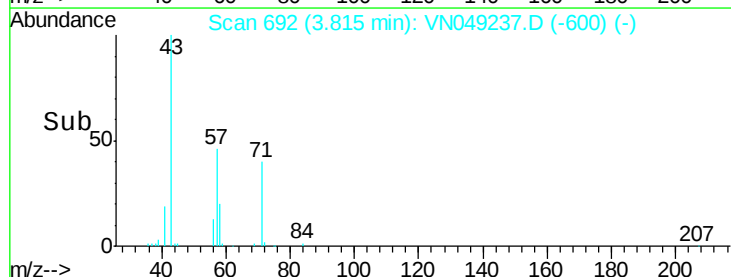
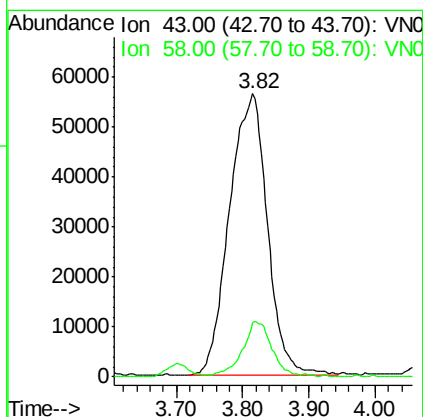
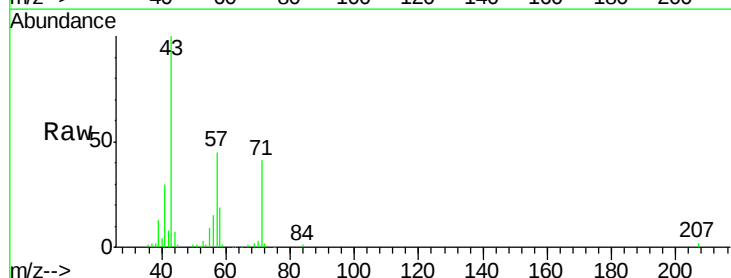
Acq: 14 Jun 2018 19:16

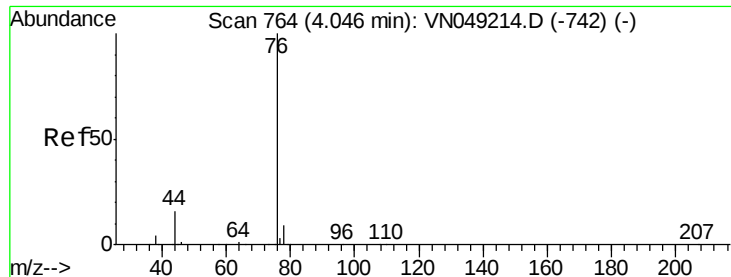
Tgt Ion: 43 Resp: 222708

Ion Ratio Lower Upper

43 100

58 19.1 22.4 33.6#





#17

Carbon Disulfide

Concen: 0.24 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

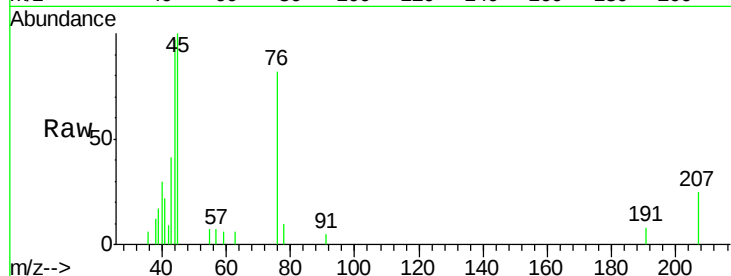
ClientSampleId :

Tot Ion: 76 Resp: 6681

Ion Ratio Lower Upper

76 100

78 12.3 7.4 11.0#

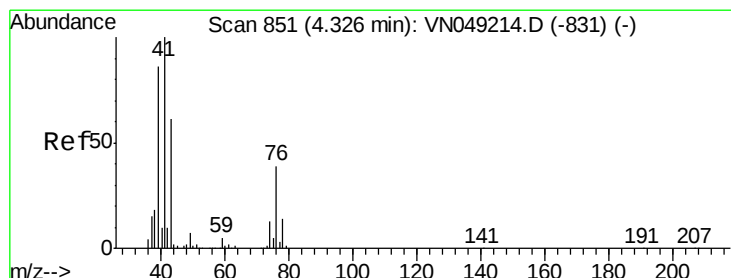
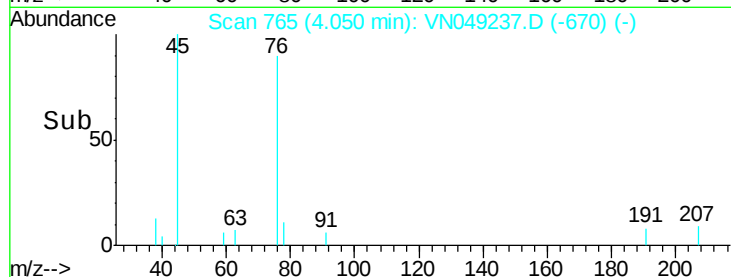


Abundance Ion 75.90 (75.60 to 76.60): VN049214.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN049214.D (-742) (-)

Time-->

4.05



#18

Methyl Acetate

Concen: 3.37 ug/l

RT: 4.39 min Scan# 871

Delta R.T. 0.06 min

Lab File: VN049237.D

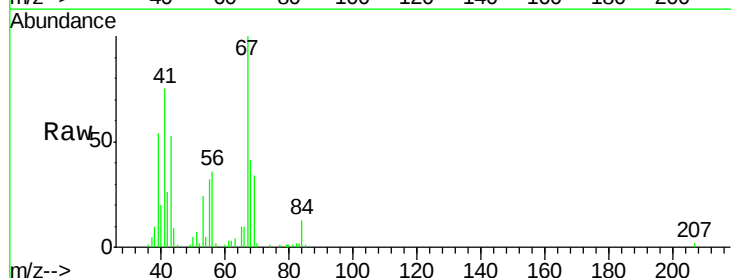
Acq: 14 Jun 2018 19:16

Tgt Ion: 43 Resp: 39910

Ion Ratio Lower Upper

43 100

74 0.7 17.4 26.0#

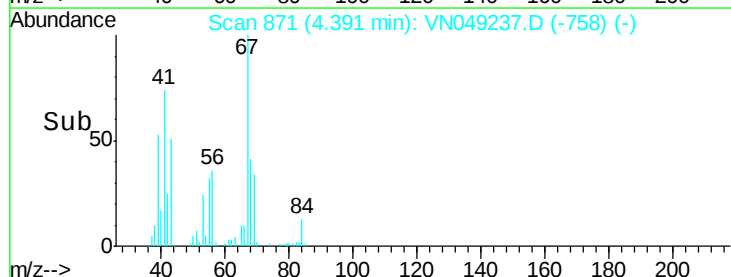


Abundance Ion 43.00 (42.70 to 43.70): VN049214.D (-831) (-)

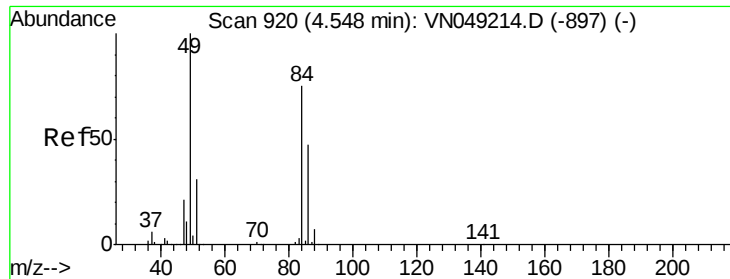
Ion 74.00 (73.70 to 74.70): VN049214.D (-831) (-)

Time-->

4.39



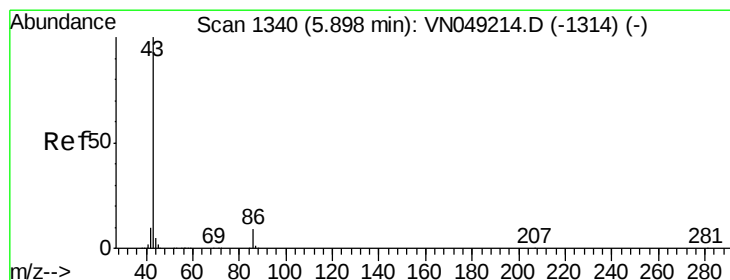
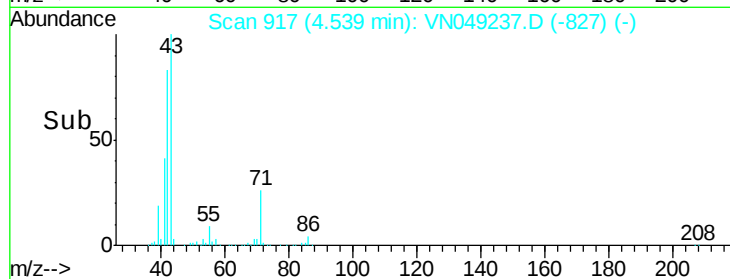
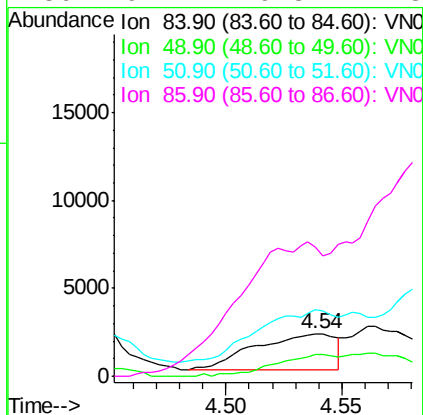
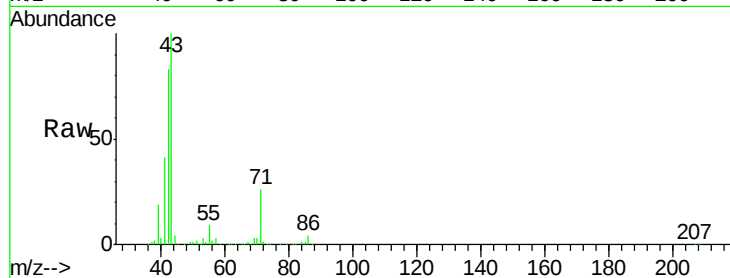
Time-->



#20  
Methylene Chloride  
Concen: 0.49 ug/l  
RT: 4.54 min Scan# 917  
Delta R.T. -0.01 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

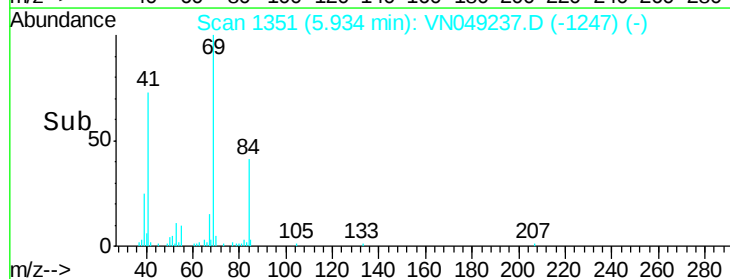
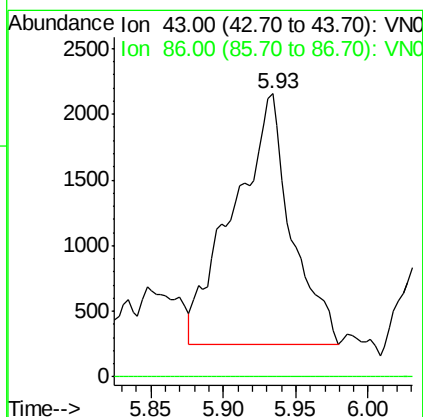
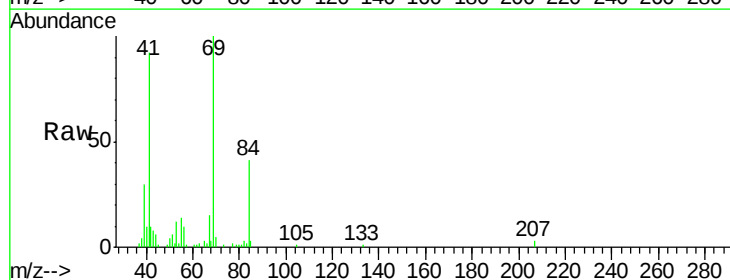
Instrument :  
MSVOA\_N  
ClientSampled :

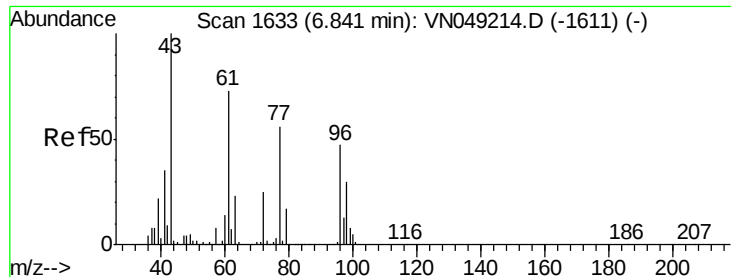
Tot Ion: 84 Resp: 4946  
Ion Ratio Lower Upper  
84 100  
49 59.6 106.9 160.3#  
51 138.3 32.7 49.1#  
86 294.7 49.8 74.8#



#23  
Vinyl Acetate  
Concen: 0.26 ug/l  
RT: 5.93 min Scan# 1351  
Delta R.T. 0.04 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

Tgt Ion: 43 Resp: 5277  
Ion Ratio Lower Upper  
43 100  
86 0.0 7.2 10.8#

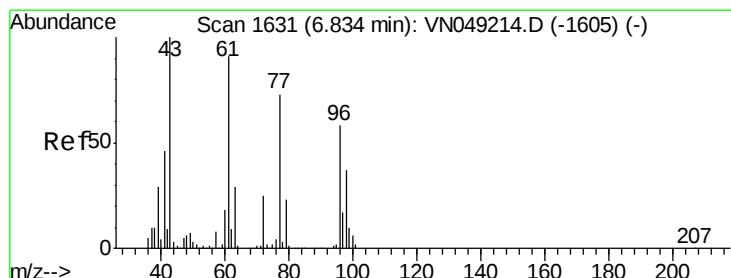
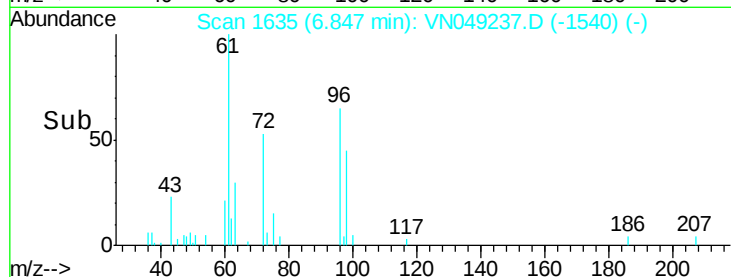
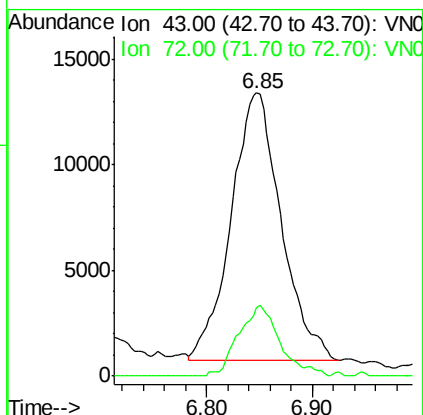
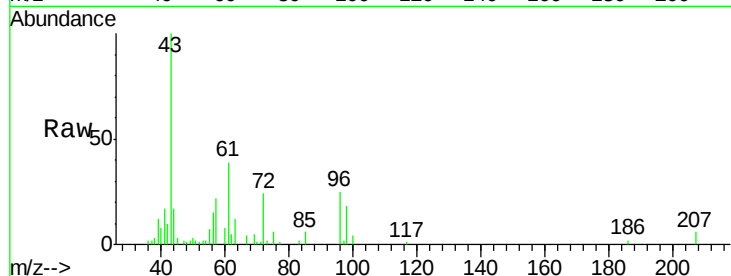




#25  
2-Butanone  
Concen: 11.67 ug/l  
RT: 6.85 min Scan# 1635  
Delta R.T. 0.01 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

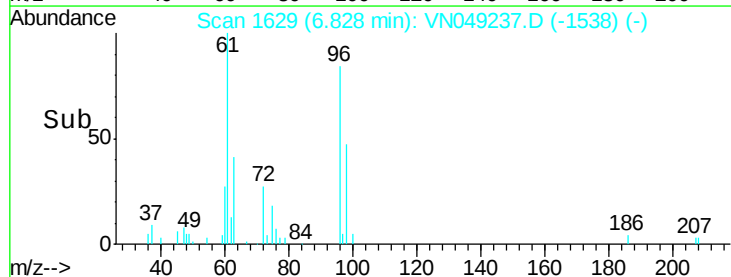
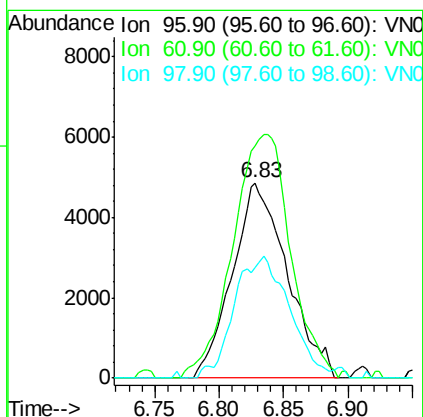
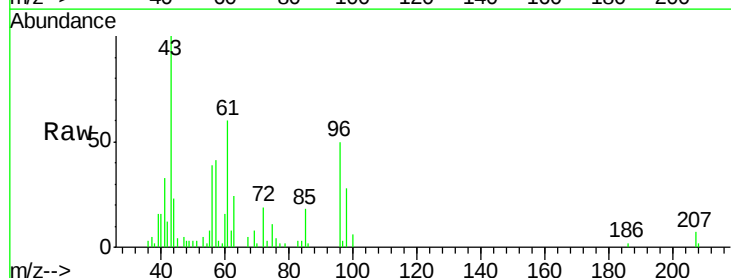
Instrument :  
MSVOA\_N  
ClientSampled :

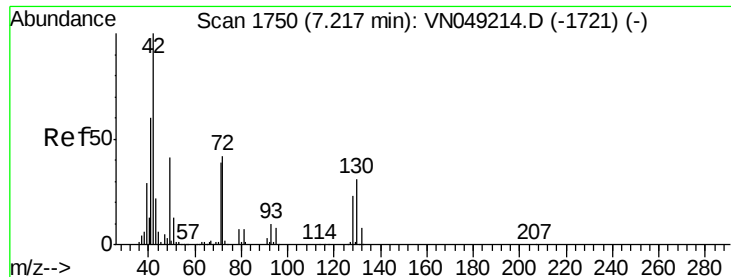
Tot Ion: 43 Resp: 41942  
Ion Ratio Lower Upper  
43 100  
72 25.7 20.2 30.2



#27  
cis-1,2-Dichloroethene  
Concen: 1.47 ug/l  
RT: 6.83 min Scan# 1629  
Delta R.T. -0.01 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

Tgt Ion: 96 Resp: 14421  
Ion Ratio Lower Upper  
96 100  
61 131.0 0.0 316.4  
98 62.5 0.0 128.4





#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 7.21 min Scan# 1748

Delta R.T. -0.01 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampled :

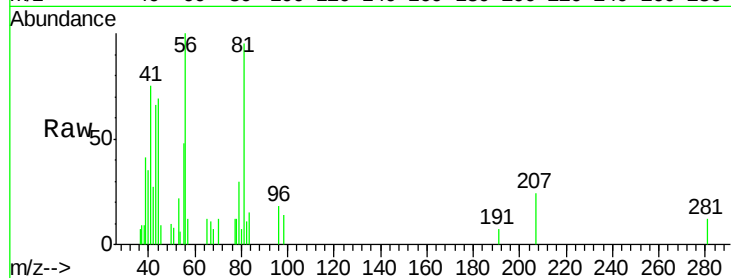
Tot Ion: 42 Resp: 576

Ion Ratio Lower Upper

42 100

72 10.9 32.2 48.4#

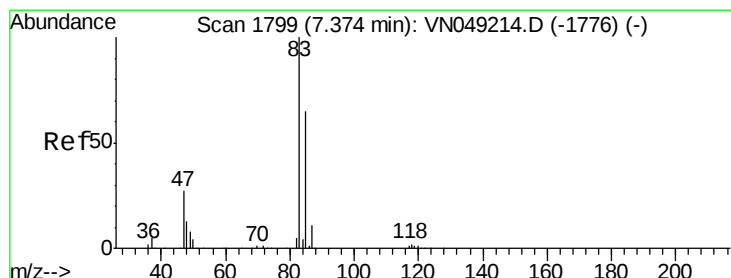
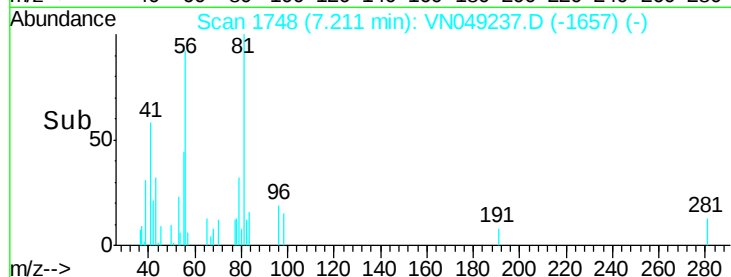
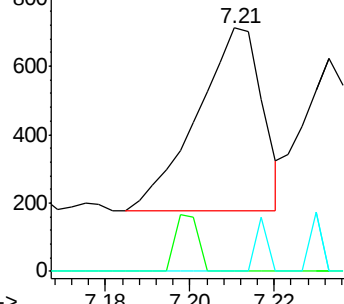
71 0.0 30.5 45.7#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.98 ug/l

RT: 7.33 min Scan# 1784

Delta R.T. -0.05 min

Lab File: VN049237.D

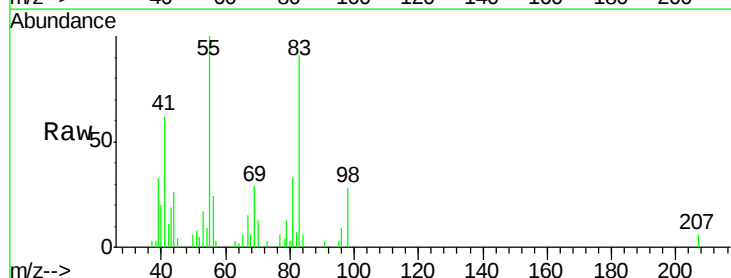
Acq: 14 Jun 2018 19:16

Tgt Ion: 83 Resp: 17159

Ion Ratio Lower Upper

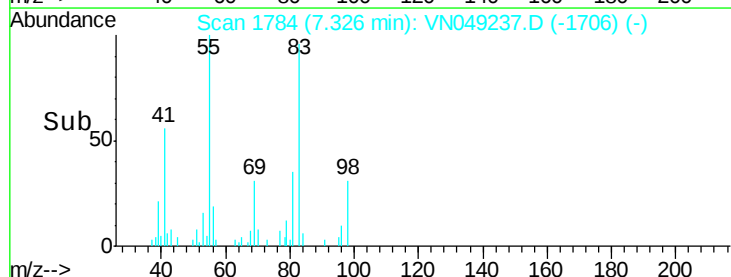
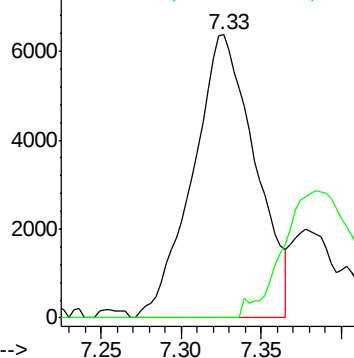
83 100

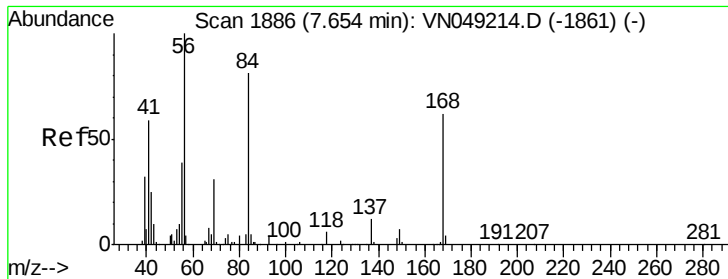
85 0.0 51.7 77.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

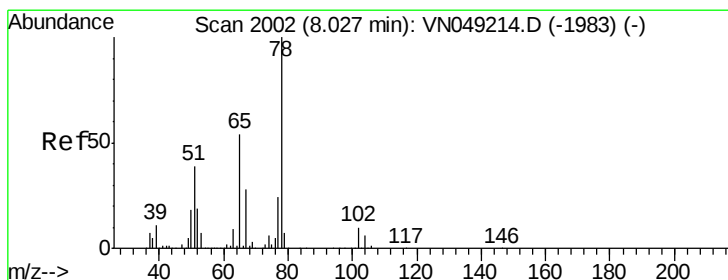
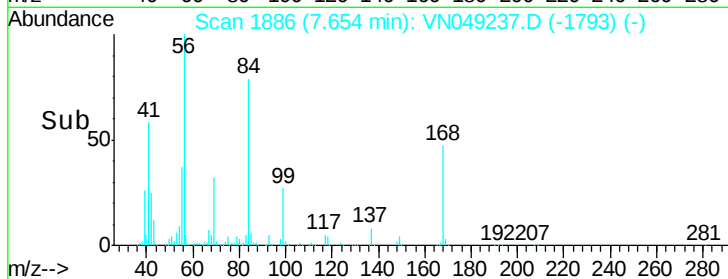
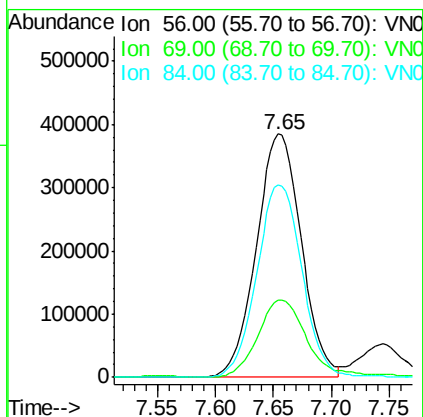
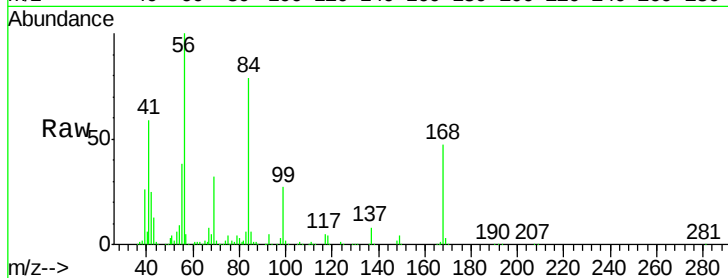




#31  
Cyclohexane  
Concen: 66.34 ug/l  
RT: 7.65 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

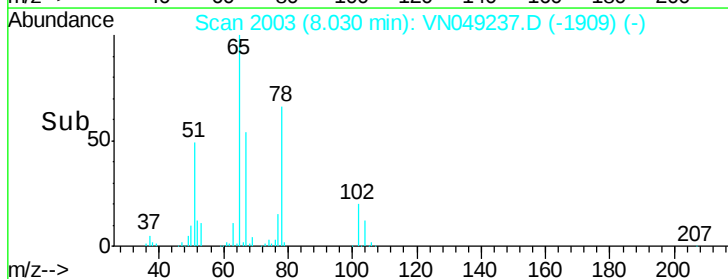
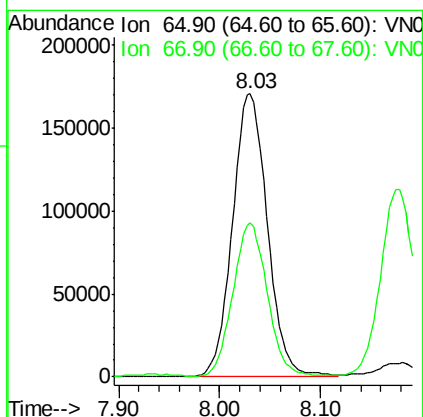
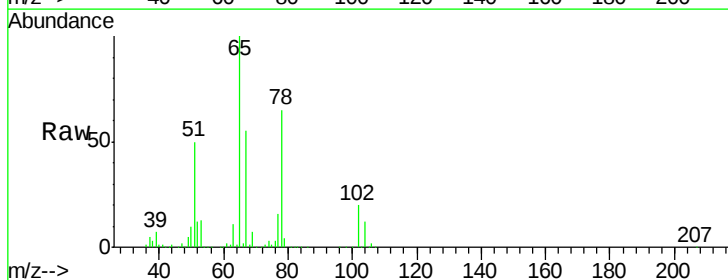
Instrument :  
MSVOA\_N  
ClientSampled :

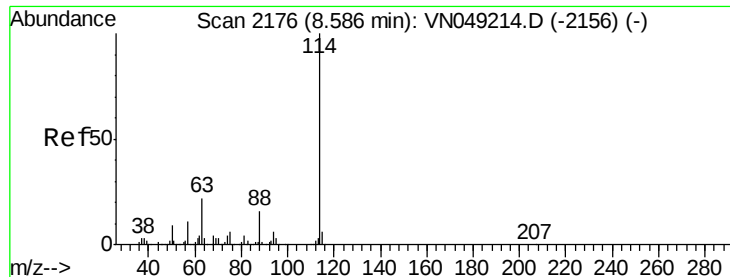
Tot Ion: 56 Resp: 1034969  
Ion Ratio Lower Upper  
56 100  
69 31.4 25.0 37.4  
84 79.1 64.6 96.8



#33  
1,2-Dichloroethane-d4  
Concen: 38.99 ug/l  
RT: 8.03 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

Tgt Ion: 65 Resp: 409682  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampleId :

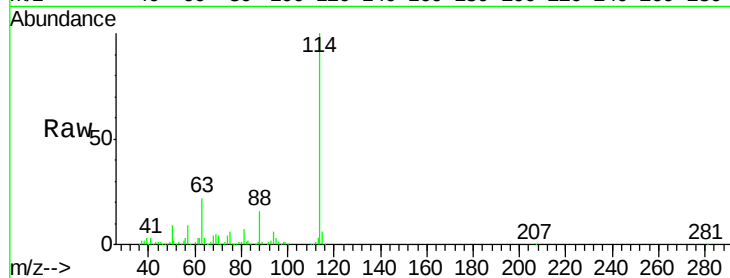
Tot Ion:114 Resp: 1155456

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.4

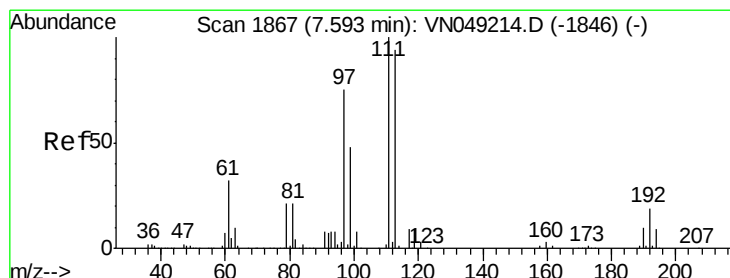
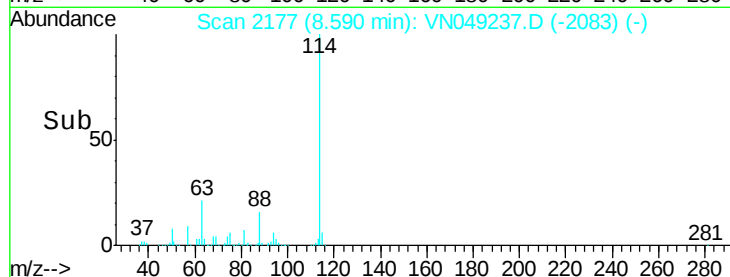
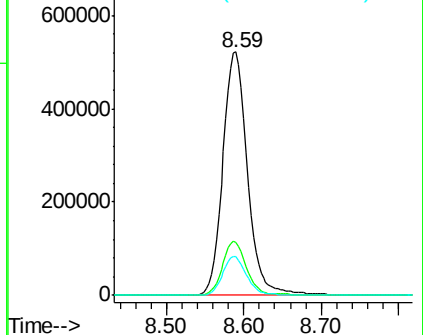
88 15.8 0.0 31.4



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: 38.59 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

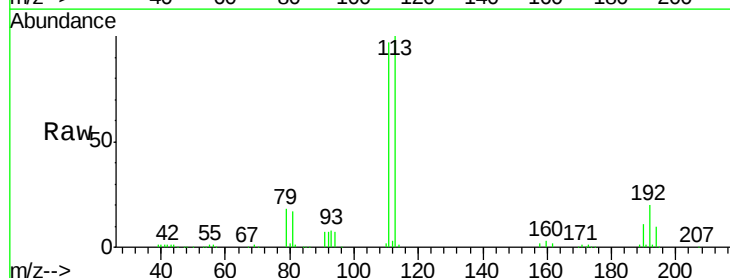
Tgt Ion:113 Resp: 369094

Ion Ratio Lower Upper

113 100

111 99.4 82.4 123.6

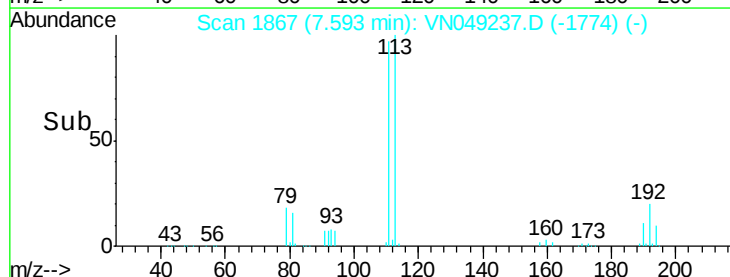
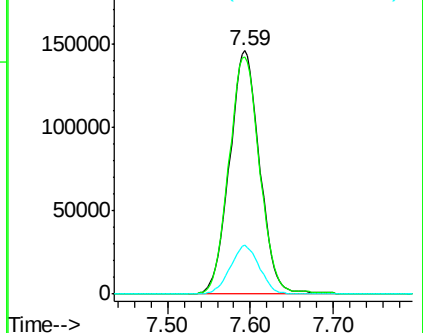
192 19.6 15.0 22.6

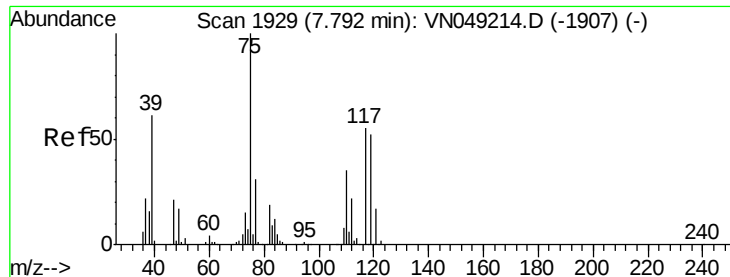


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

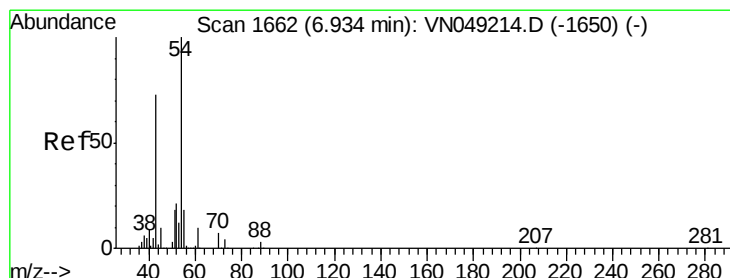
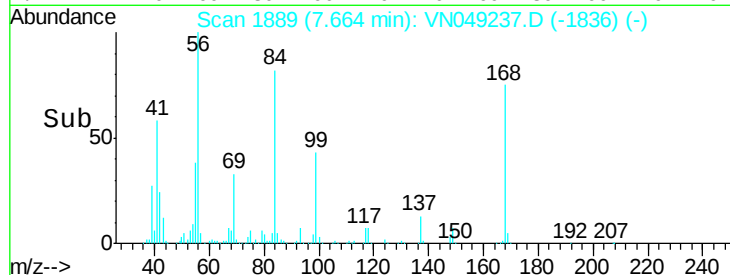
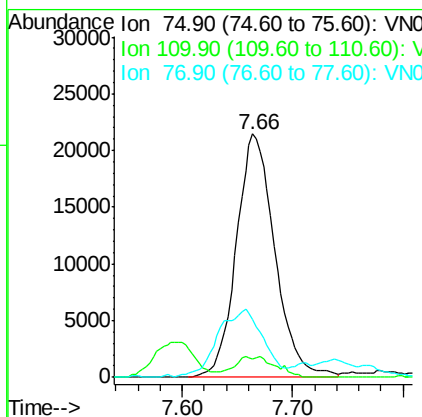
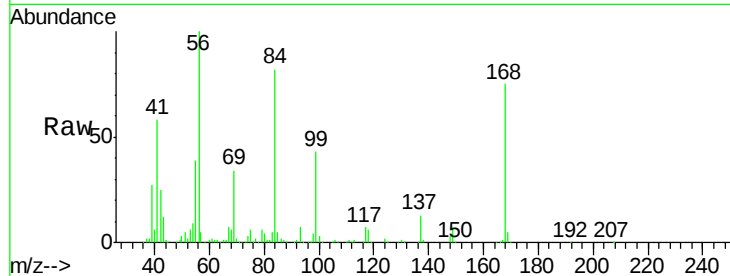




#36  
 1,1-Dichloropropene  
 Concen: 3.60 ug/l  
 RT: 7.66 min Scan# 1889  
 Delta R.T. -0.13 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

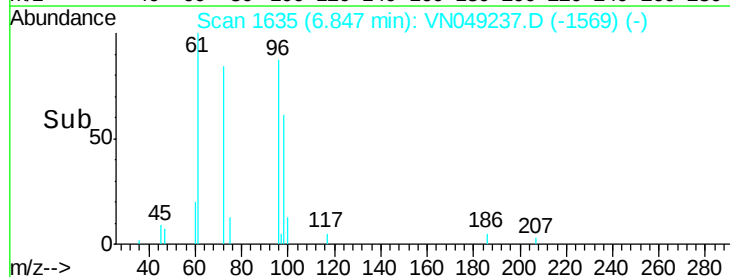
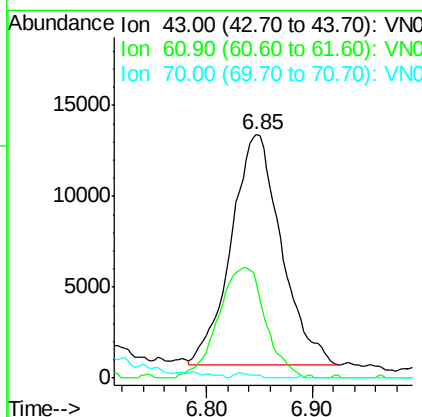
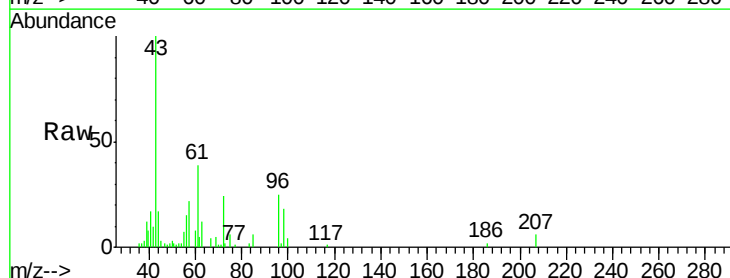
Instrument :  
 MSVOA\_N  
 ClientSampled :

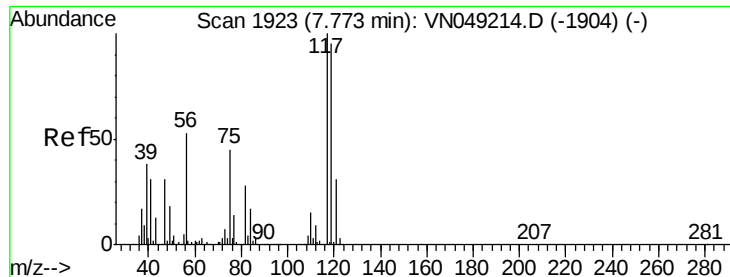
Tot Ion: 75 Resp: 51973  
 Ion Ratio Lower Upper  
 75 100  
 110 2.5 17.0 50.9#  
 77 32.8 24.4 36.6



#37  
 Ethyl Acetate  
 Concen: 4.60 ug/l  
 RT: 6.85 min Scan# 1635  
 Delta R.T. -0.09 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

Tgt Ion: 43 Resp: 41942  
 Ion Ratio Lower Upper  
 43 100  
 61 45.0 11.0 16.4#  
 70 0.0 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 4.19 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampleId :

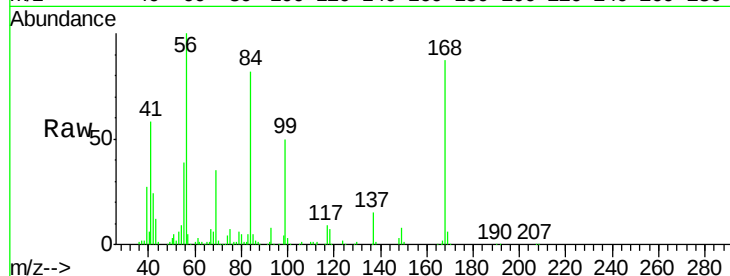
Tot Ion:117 Resp: 60877

Ion Ratio Lower Upper

117 100

119 3.9 75.6 113.4#

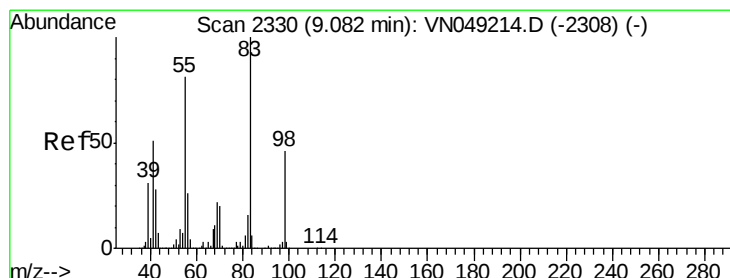
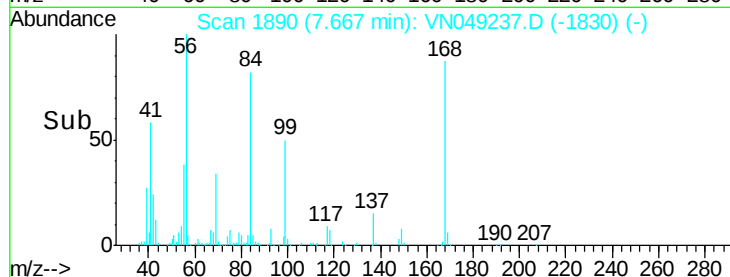
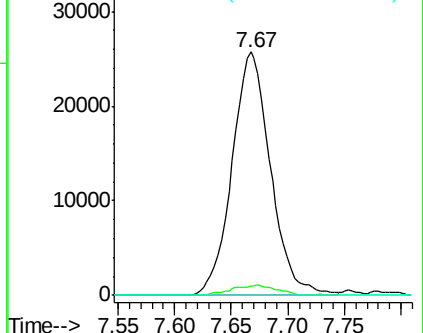
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 24.77 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

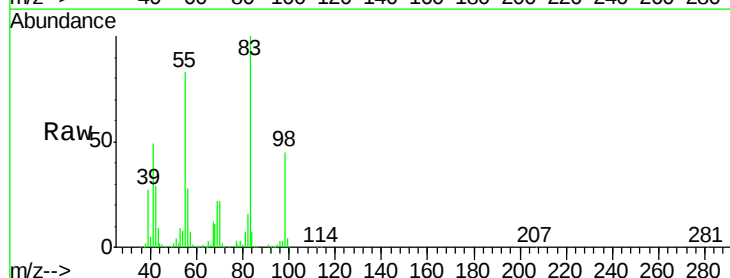
Tgt Ion: 83 Resp: 369396

Ion Ratio Lower Upper

83 100

55 82.5 65.1 97.7

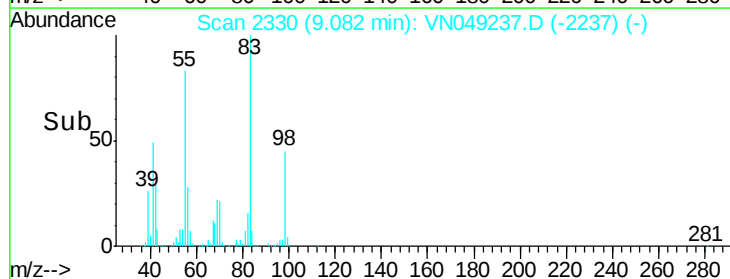
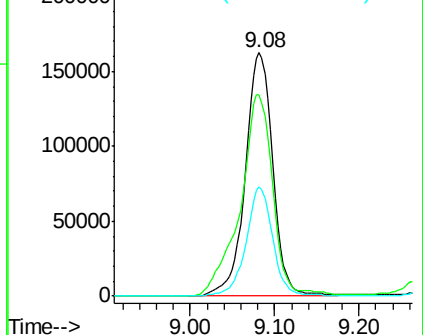
98 44.8 36.5 54.7

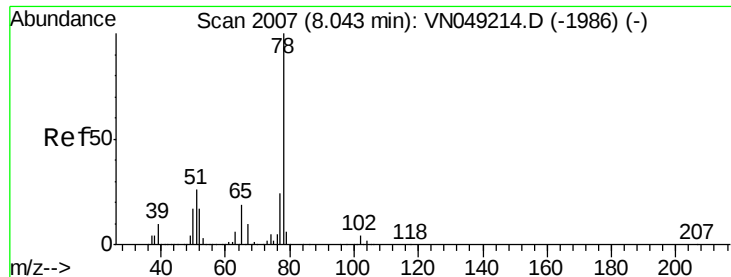


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

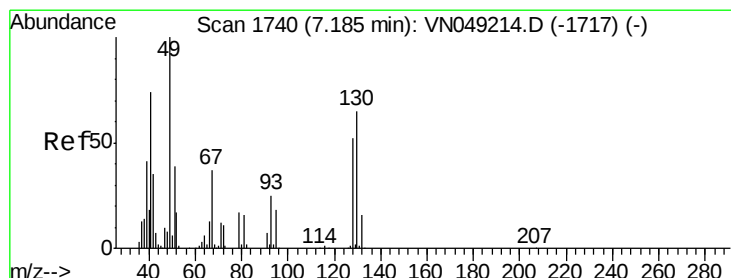
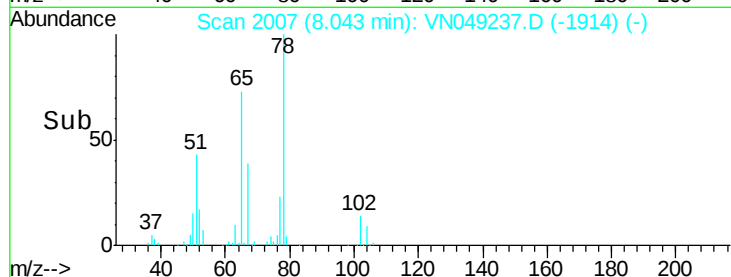
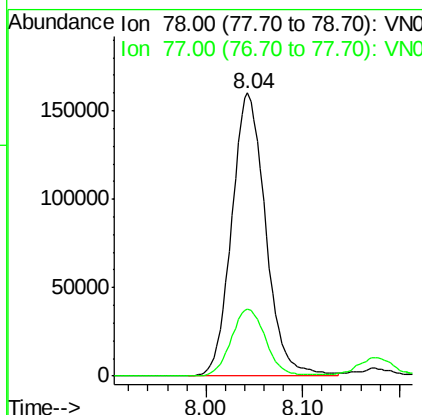
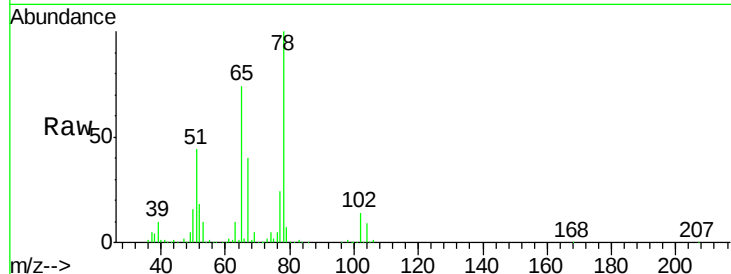




#40  
Benzene  
Concen: 8.93 ug/l  
RT: 8.04 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

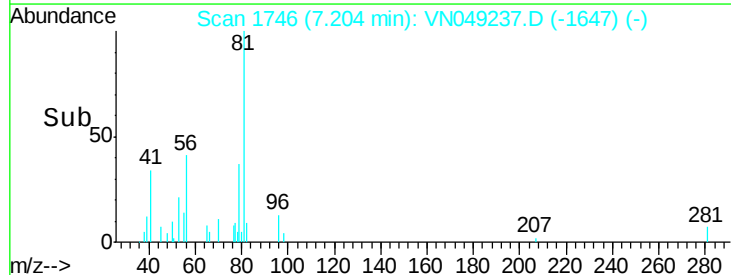
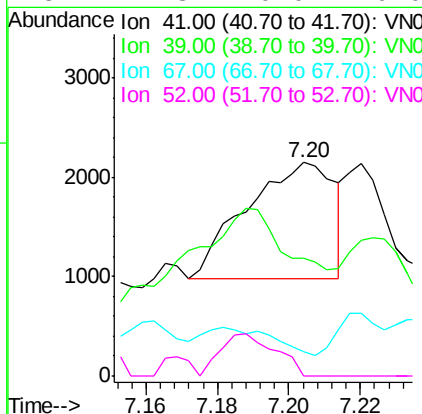
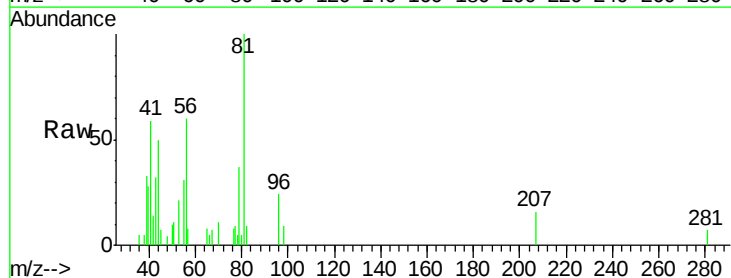
Instrument :  
MSVOA\_N  
ClientSampleId :

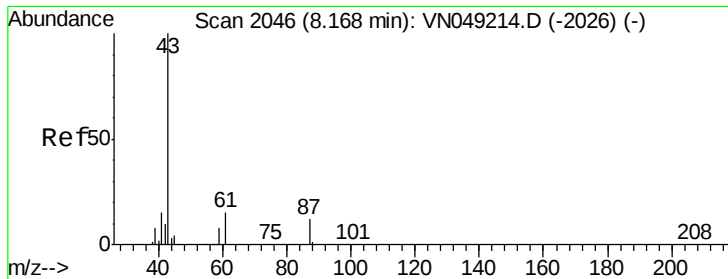
Tot Ion: 78 Resp: 390673  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.4 29.0



#41  
Methacrylonitrile  
Concen: 0.39 ug/l  
RT: 7.20 min Scan# 1746  
Delta R.T. 0.02 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

Tgt Ion: 41 Resp: 2019  
Ion Ratio Lower Upper  
41 100  
39 124.5 0.0 0.0#  
67 0.0 0.0 0.0  
52 22.3 0.0 0.0#



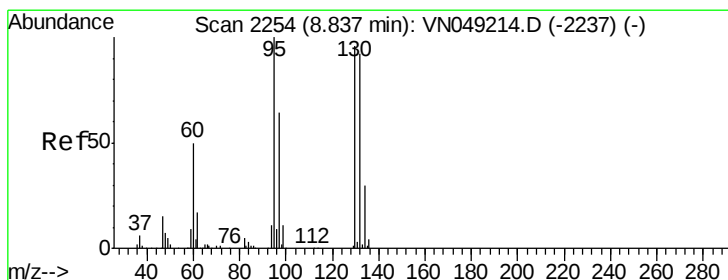
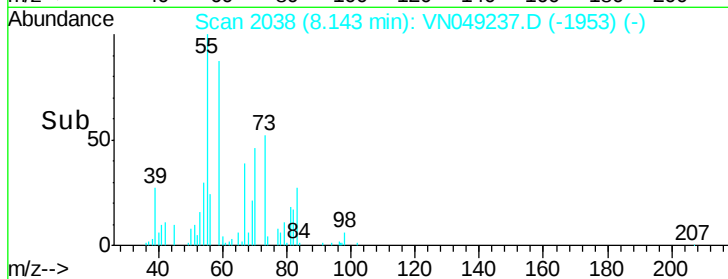
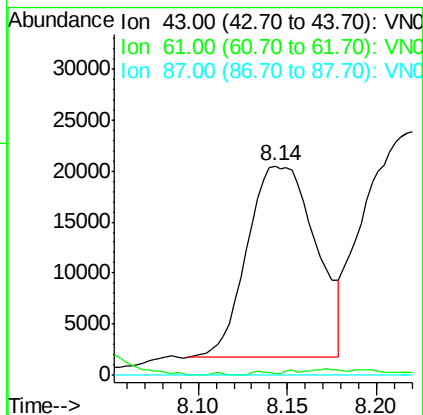
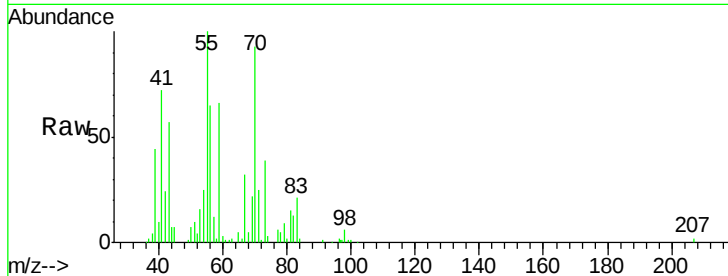


#43

Isopropyl Acetate  
 Concen: 3.00 ug/l  
 RT: 8.14 min Scan# 2038  
 Delta R.T. -0.03 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :

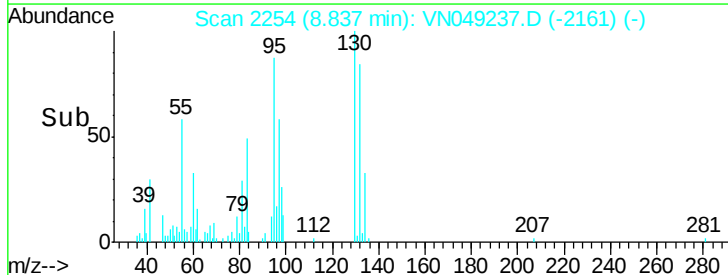
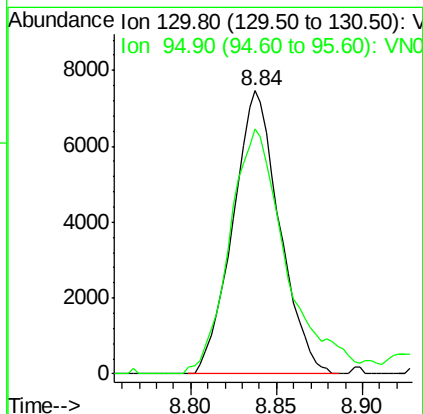
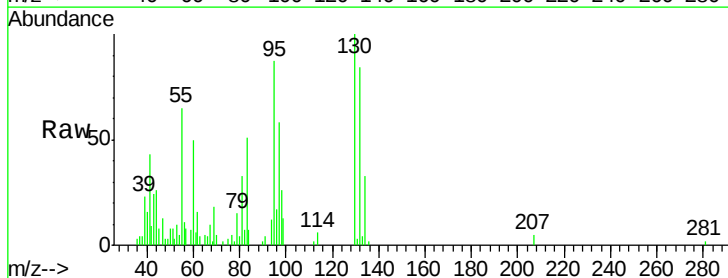
Tot Ion: 43 Resp: 50350  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 14.2 21.4#  
 87 0.0 9.4 14.0#

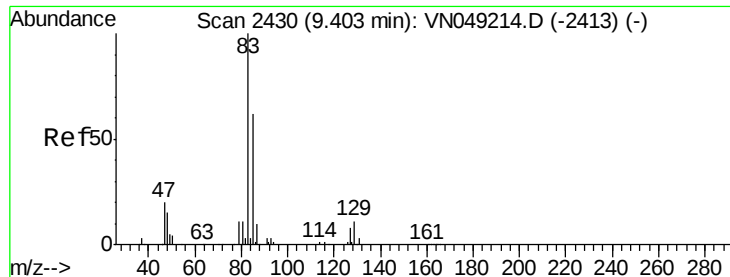


#44

Trichloroethene  
 Concen: 1.29 ug/l  
 RT: 8.84 min Scan# 2254  
 Delta R.T. 0.00 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

Tgt Ion:130 Resp: 14084  
 Ion Ratio Lower Upper  
 130 100  
 95 84.1 0.0 208.6





#47

Bromodichloromethane

Concen: 0.47 ug/l

RT: 9.38 min Scan# 2424

Delta R.T. -0.02 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampleId :

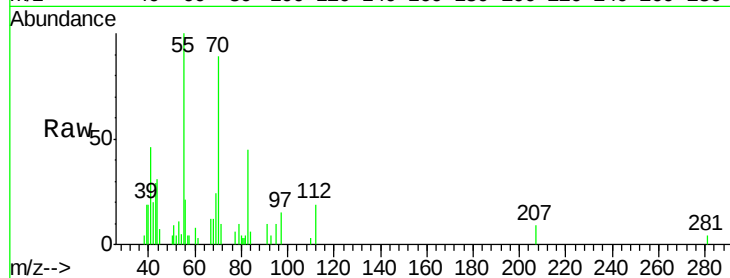
Tot Ion: 83 Resp: 7013

Ion Ratio Lower Upper

83 100

85 0.0 49.4 74.0#

127 0.0 6.3 9.5#

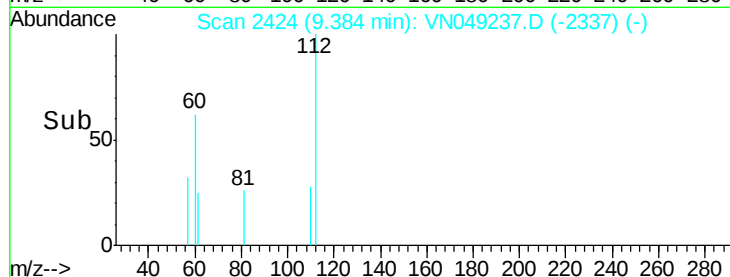


Abundance Ion 82.90 (82.60 to 83.60): VN049237.D (-2337) (-)

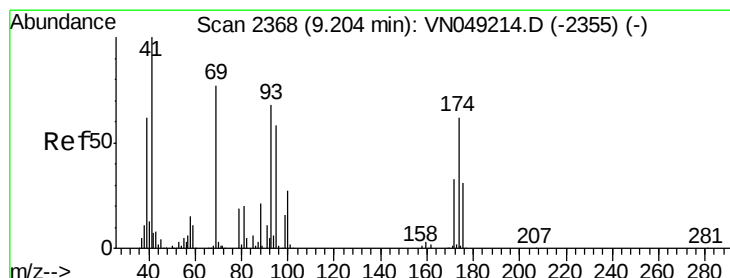
Ion 84.90 (84.60 to 85.60): VN049237.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049237.D (-2337) (-)

Time-->



Time-->



#48

Methyl methacrylate

Concen: 3.60 ug/l

RT: 9.27 min Scan# 2389

Delta R.T. 0.07 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

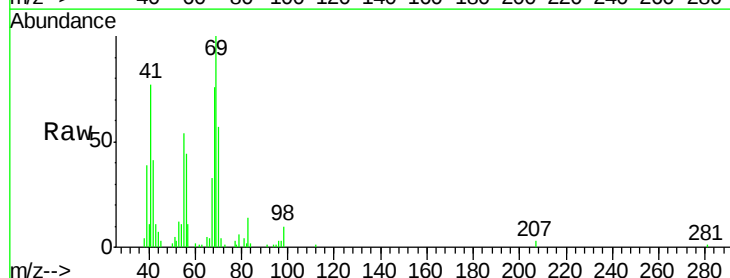
Tgt Ion: 41 Resp: 29491

Ion Ratio Lower Upper

41 100

69 140.0 62.0 93.0#

39 51.6 50.6 75.8

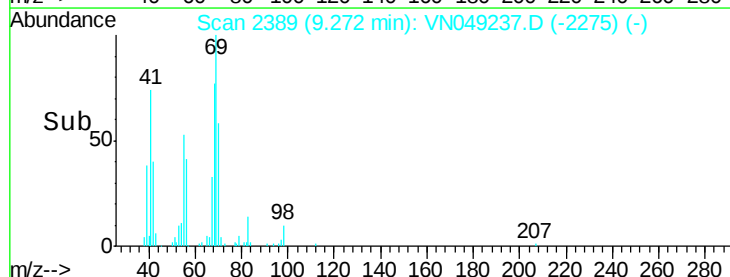


Abundance Ion 41.00 (40.70 to 41.70): VN049237.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN049237.D (-2275) (-)

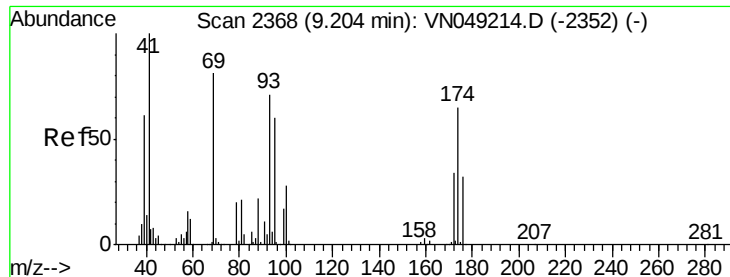
Ion 39.00 (38.70 to 39.70): VN049237.D (-2275) (-)

Time-->



Time-->

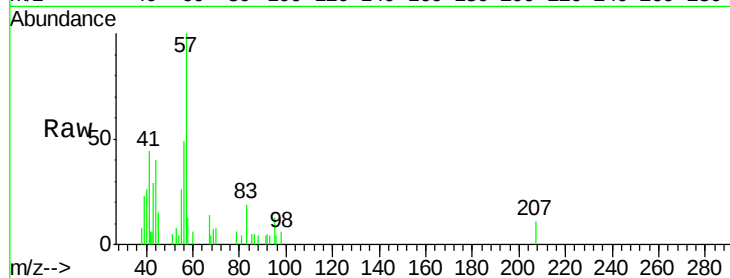
Time-->



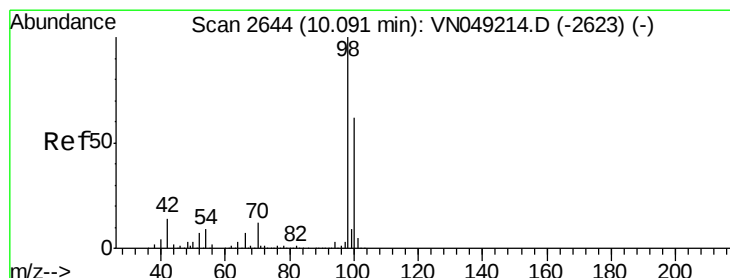
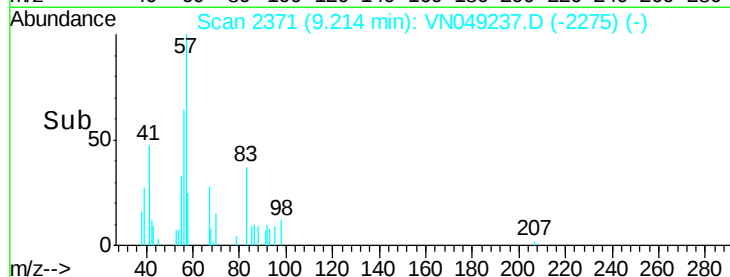
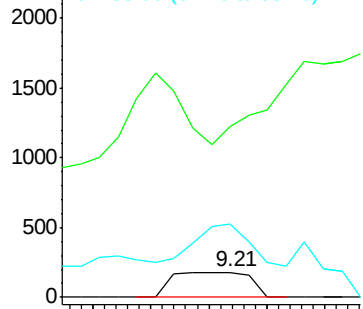
#49  
1,4-Dioxane  
Concen: 1.71 ug/l  
RT: 9.21 min Scan# 2371  
Delta R.T. 0.01 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 88 Resp: 165  
Ion Ratio Lower Upper  
88 100  
43 0.0 30.9 46.3#  
58 118.8 58.9 88.3#

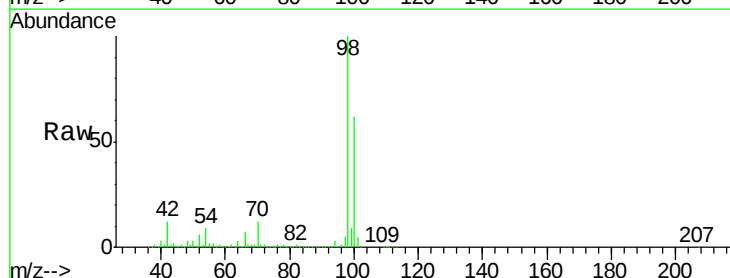


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

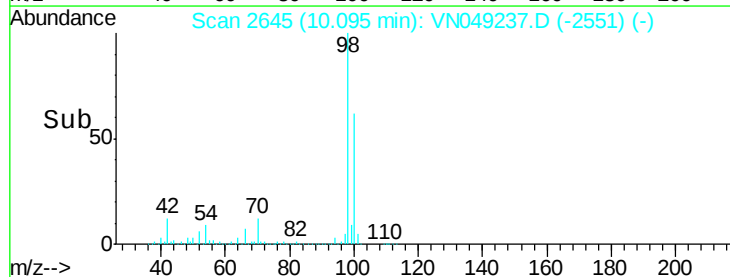
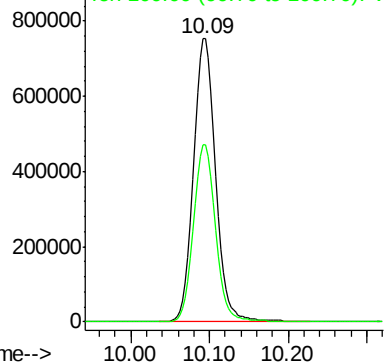


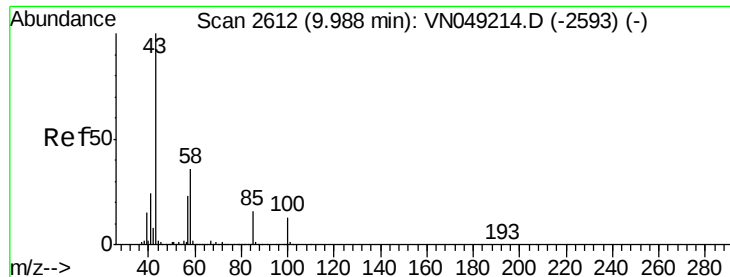
#50  
Toluene-d8  
Concen: 39.20 ug/l  
RT: 10.09 min Scan# 2645  
Delta R.T. 0.00 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

Tgt Ion: 98 Resp: 1458388  
Ion Ratio Lower Upper  
98 100  
100 62.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0

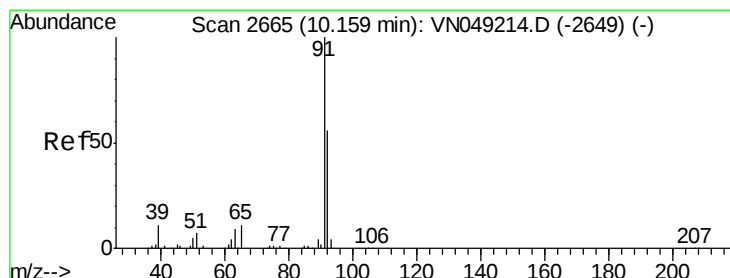
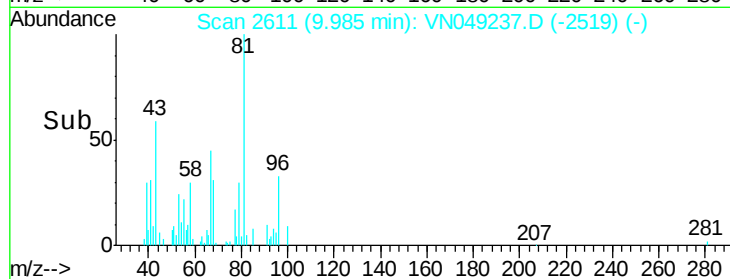
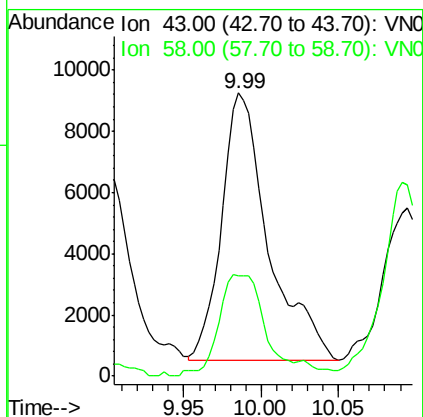
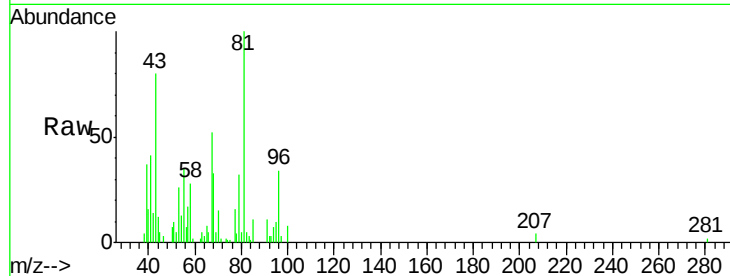




#51  
 4-Methyl-2-Pentanone  
 Concen: 2.06 ug/l  
 RT: 9.99 min Scan# 2611  
 Delta R.T. -0.00 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

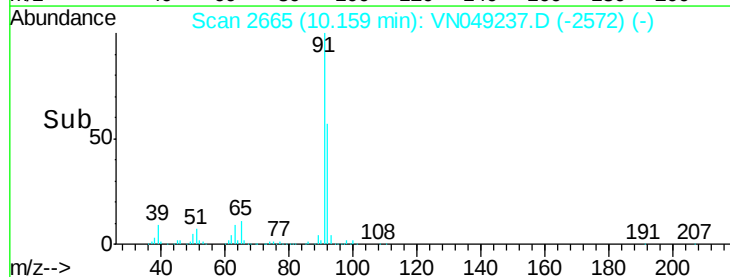
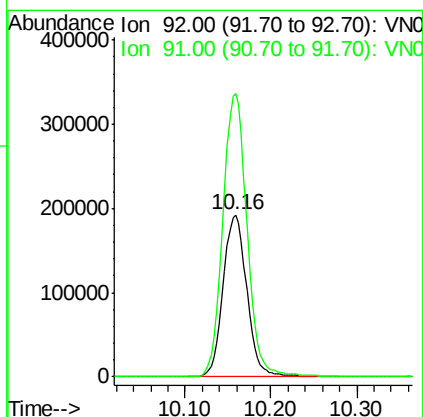
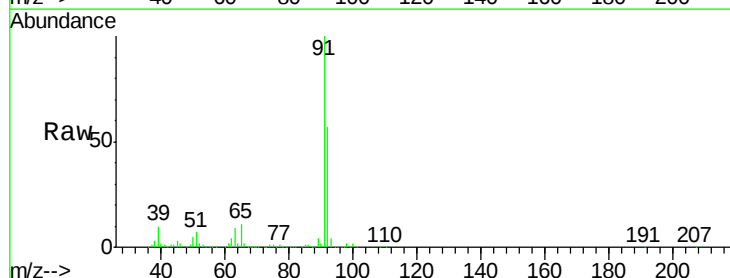
Instrument :  
 MSVOA\_N  
 ClientSampled :

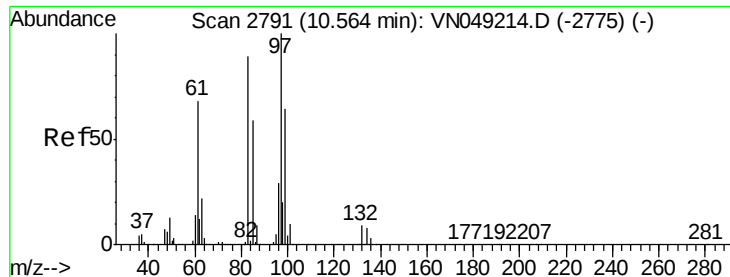
Tot Ion: 43 Resp: 18351  
 Ion Ratio Lower Upper  
 43 100  
 58 36.4 29.0 43.6



#52  
 Toluene  
 Concen: 14.60 ug/l  
 RT: 10.16 min Scan# 2665  
 Delta R.T. 0.00 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

Tgt Ion: 92 Resp: 371618  
 Ion Ratio Lower Upper  
 92 100  
 91 176.5 143.4 215.2





#55

1,1,2-Trichloroethane

Concen: 2.50 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 97 Resp: 23335

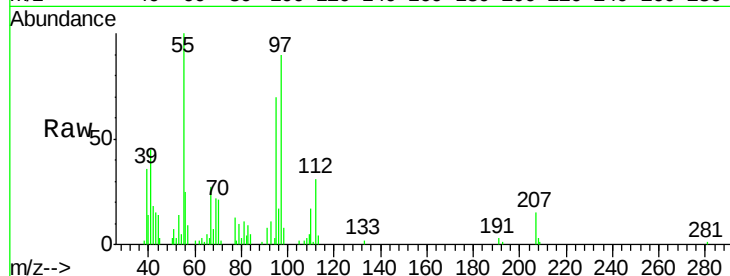
Ion Ratio Lower Upper

97 100

83 10.0 71.5 107.3#

85 0.0 47.0 70.4#

99 0.0 51.4 77.2#

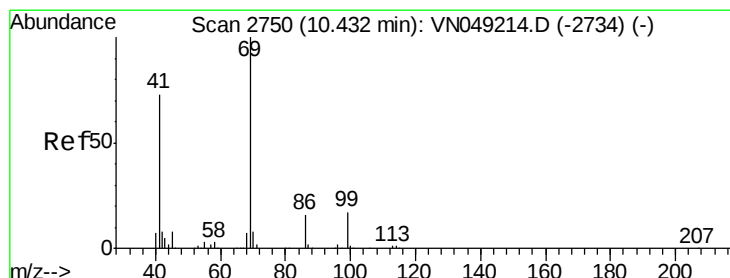
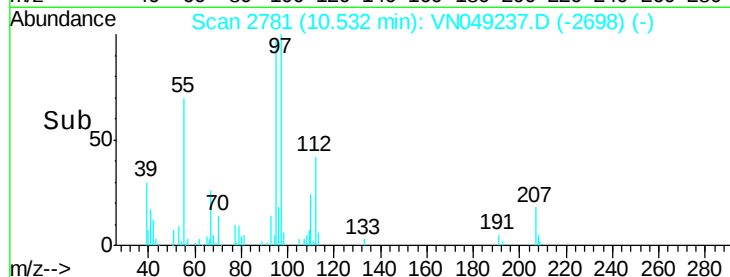
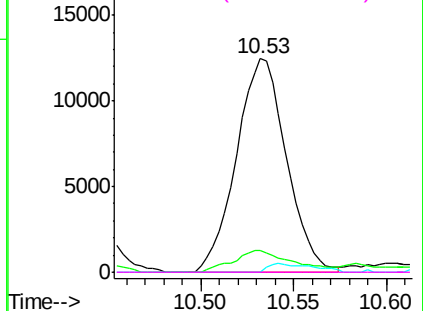


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 0.34 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

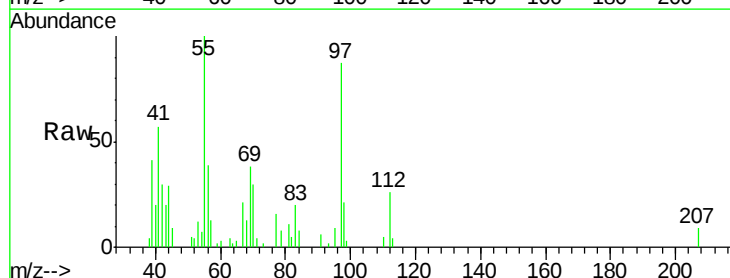
Tgt Ion: 69 Resp: 3865

Ion Ratio Lower Upper

69 100

41 152.7 58.4 87.6#

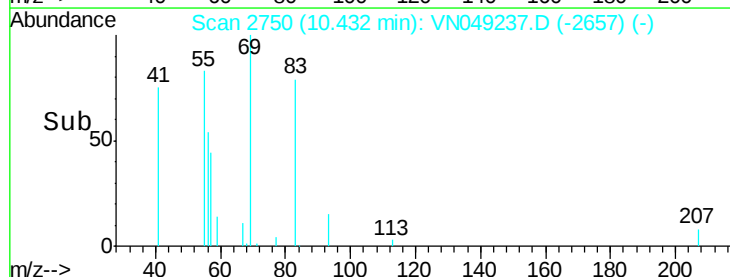
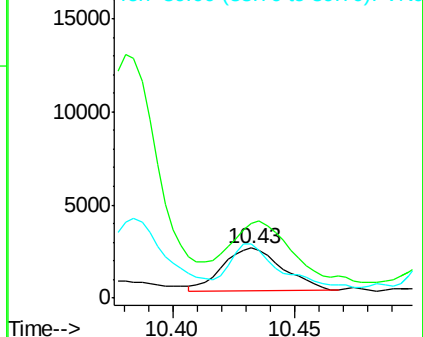
39 84.7 35.5 53.3#

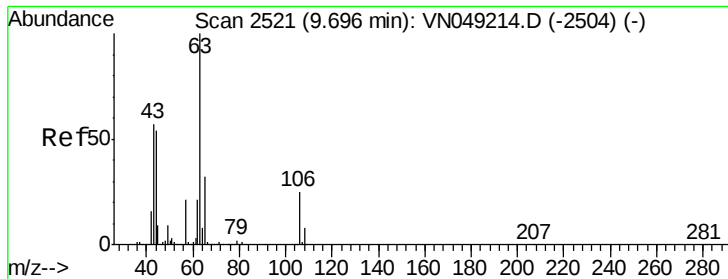


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

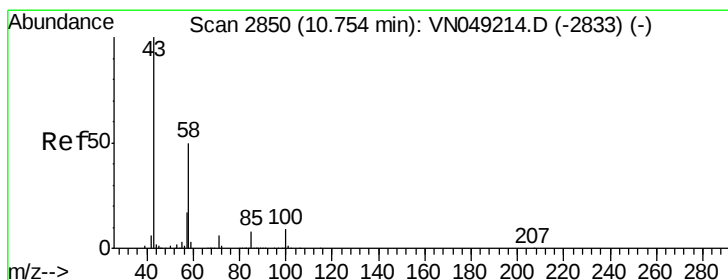
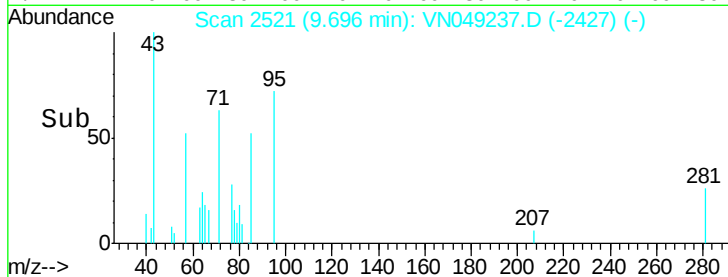
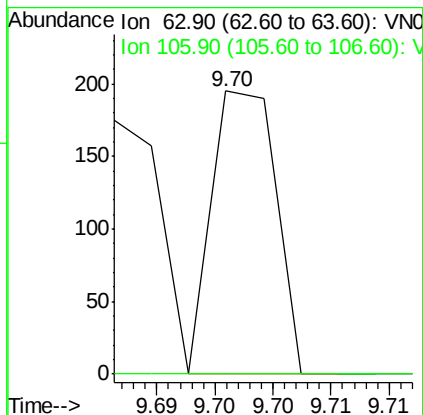
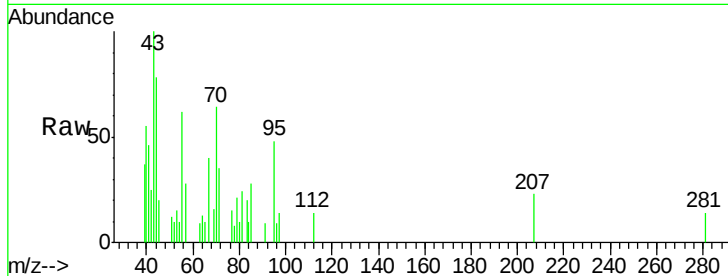




#58  
 2-Chloroethyl Vinyl ether  
 Concen: 13.20 ug/l  
 RT: 9.70 min Scan# 2521  
 Delta R.T. 0.00 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

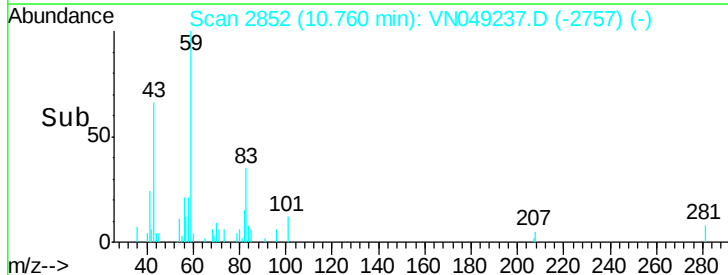
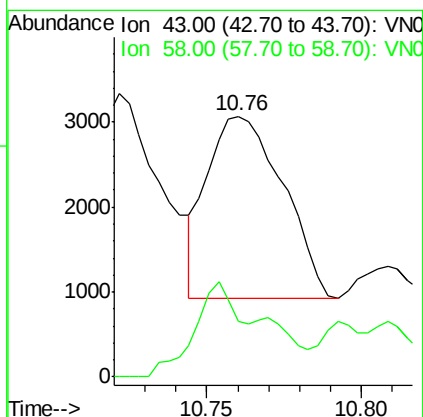
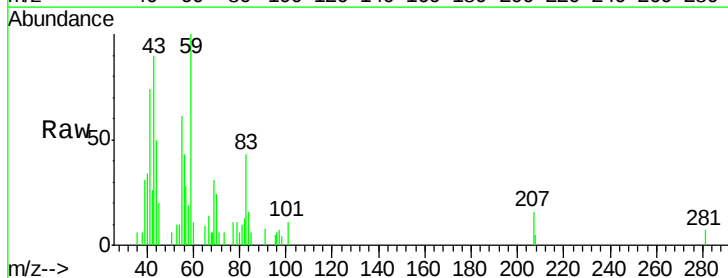
Instrument :  
 MSVOA\_N  
 ClientSampled :

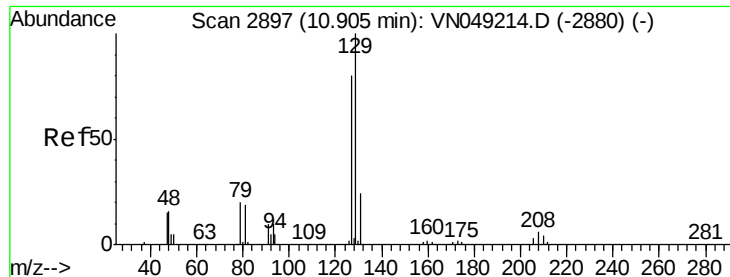
Tot Ion: 63 Resp: 74  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 19.4 29.2#



#59  
 2-Hexanone  
 Concen: 0.66 ug/l  
 RT: 10.76 min Scan# 2852  
 Delta R.T. 0.01 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

Tgt Ion: 43 Resp: 3673  
 Ion Ratio Lower Upper  
 43 100  
 58 31.0 25.2 75.6





#60

Dibromochloromethane

Concen: 0.54 ug/l

RT: 10.64 min Scan# 2814

Delta R.T. -0.27 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

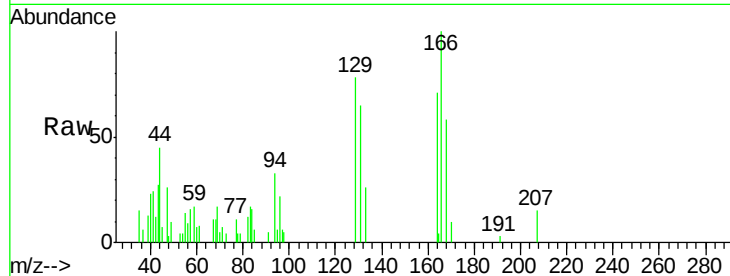
ClientSampleId :

Tot Ion:129 Resp: 5631

Ion Ratio Lower Upper

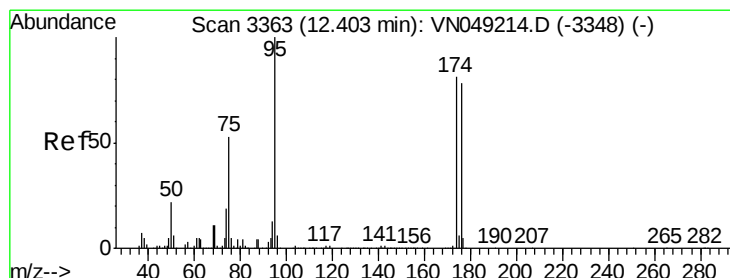
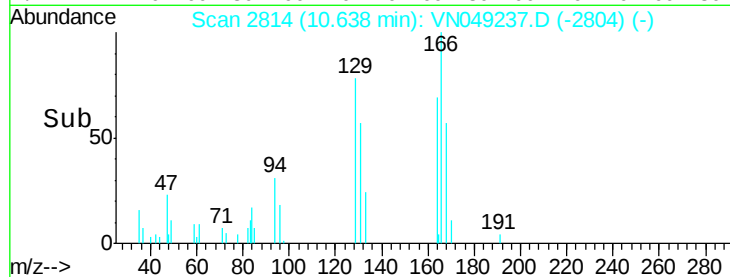
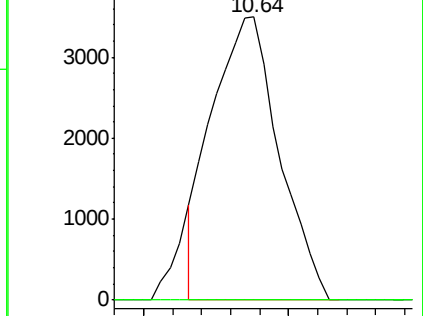
129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 44.38 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

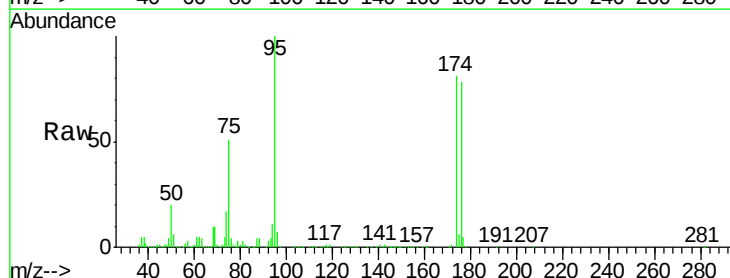
Tgt Ion: 95 Resp: 548007

Ion Ratio Lower Upper

95 100

174 81.1 0.0 165.6

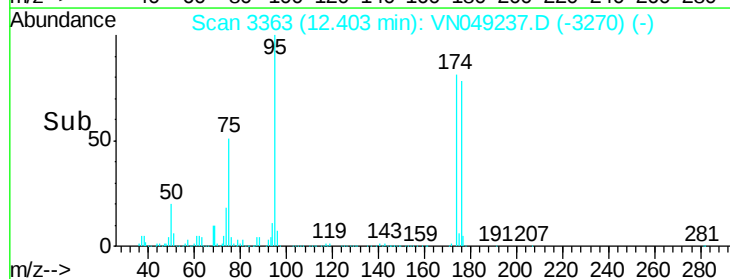
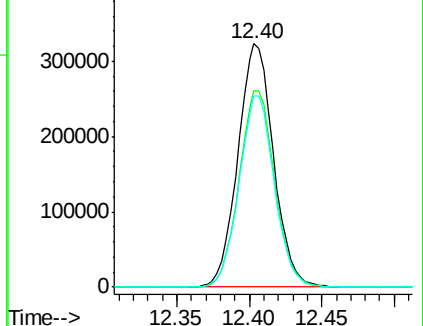
176 78.5 0.0 157.4

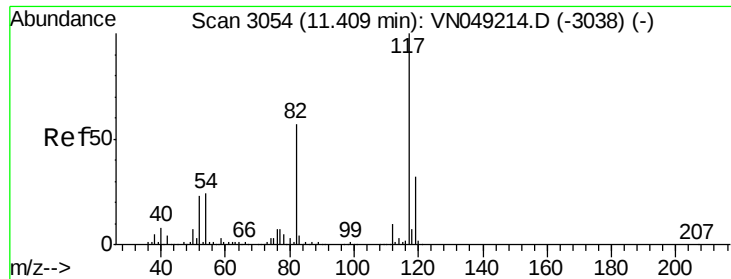


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

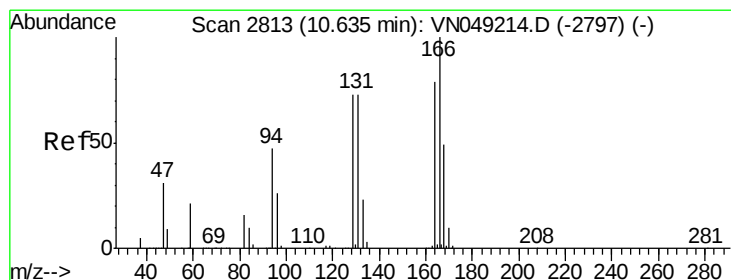
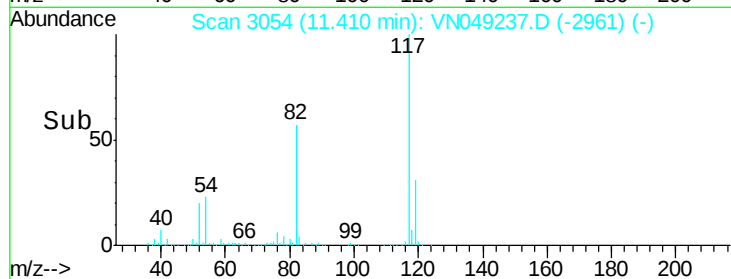
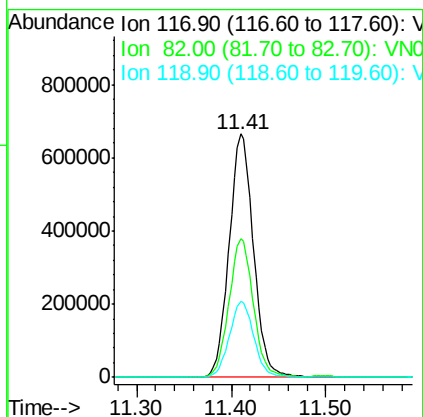
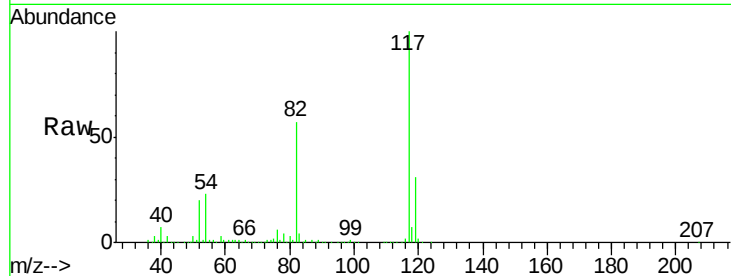




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

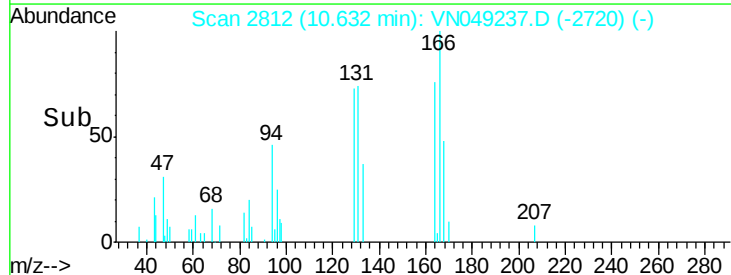
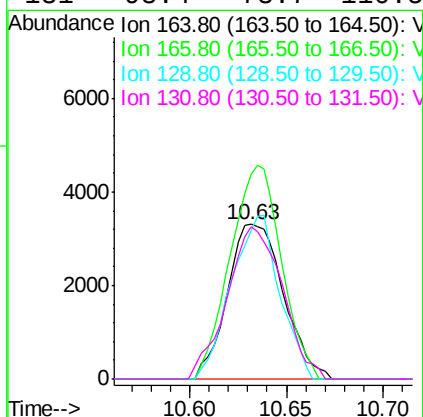
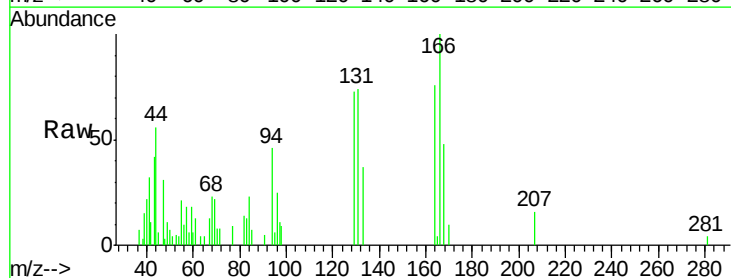
Instrument :  
MSVOA\_N  
ClientSampleId :

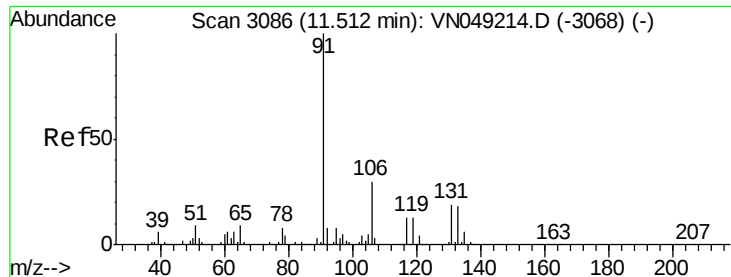
Tot Ion:117 Resp: 1190340  
Ion Ratio Lower Upper  
117 100  
82 57.1 45.9 68.9  
119 31.2 25.5 38.3



#64  
Tetrachloroethene  
Concen: 0.56 ug/l  
RT: 10.63 min Scan# 2812  
Delta R.T. -0.00 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

Tgt Ion:164 Resp: 6664  
Ion Ratio Lower Upper  
164 100  
166 132.3 101.4 152.2  
129 96.0 74.1 111.1  
131 98.4 73.7 110.5

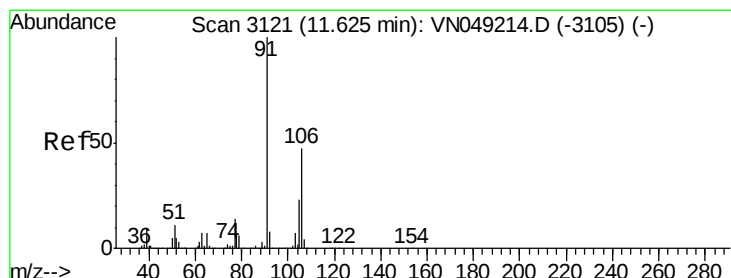
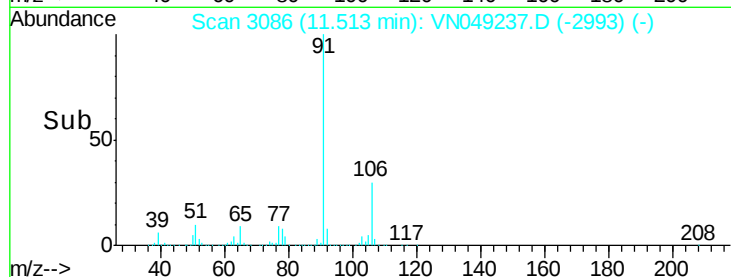
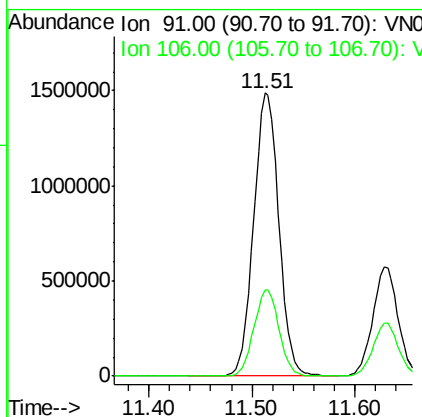
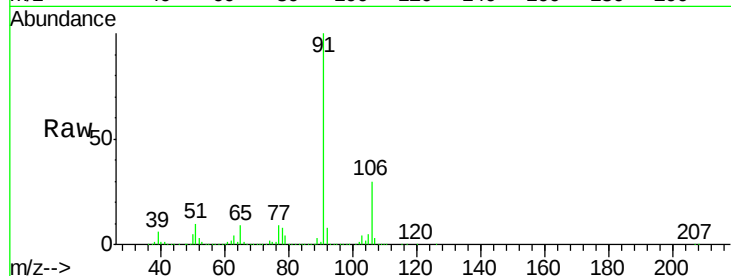




#67  
Ethyl Benzene  
Concen: 47.32 ug/l  
RT: 11.51 min Scan# 3086  
Delta R.T. 0.00 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

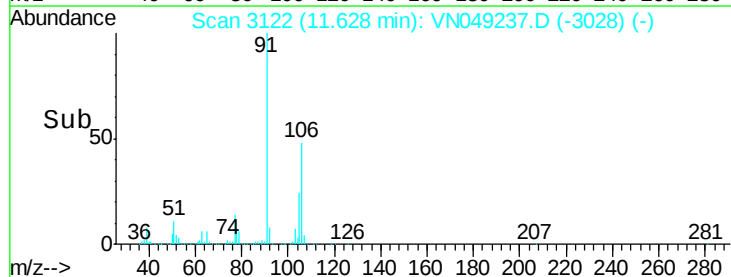
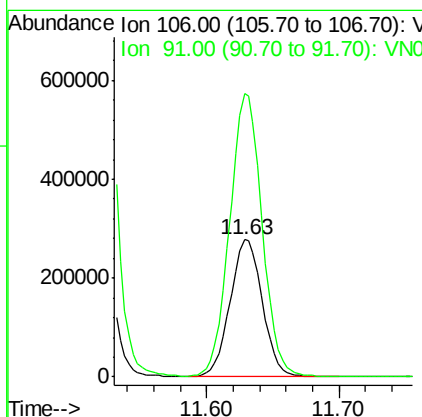
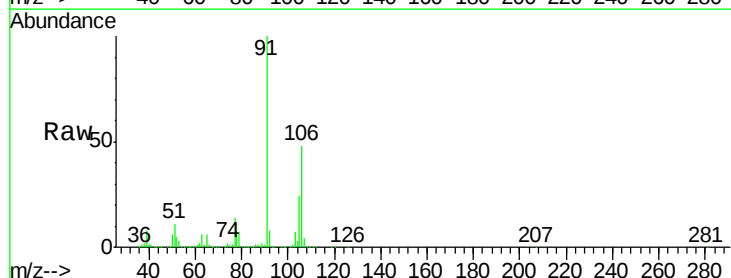
Instrument :  
MSVOA\_N  
ClientSampleId :

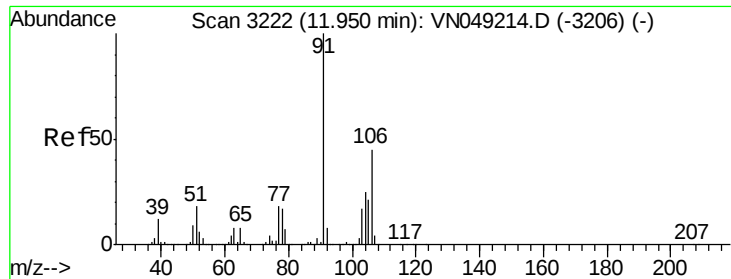
Tot Ion: 91 Resp: 2506924  
Ion Ratio Lower Upper  
91 100  
106 30.4 23.9 35.9



#68  
m/p-Xylenes  
Concen: 24.21 ug/l  
RT: 11.63 min Scan# 3122  
Delta R.T. 0.00 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

Tgt Ion: 106 Resp: 468954  
Ion Ratio Lower Upper  
106 100  
91 206.8 167.3 250.9

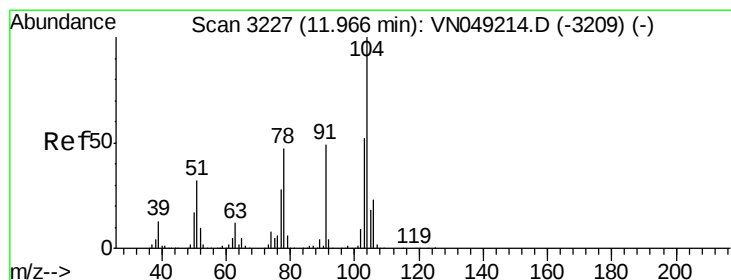
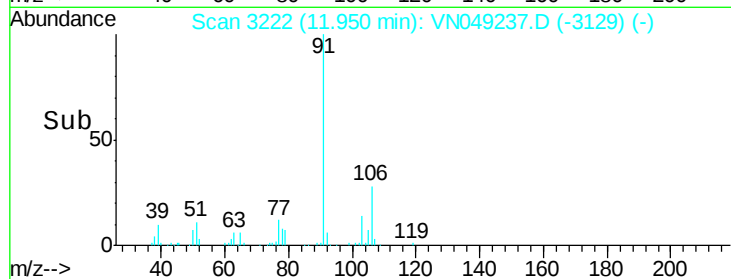
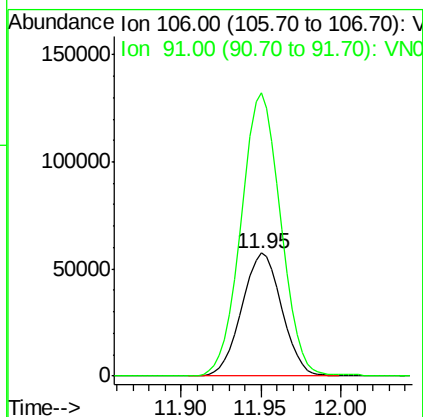
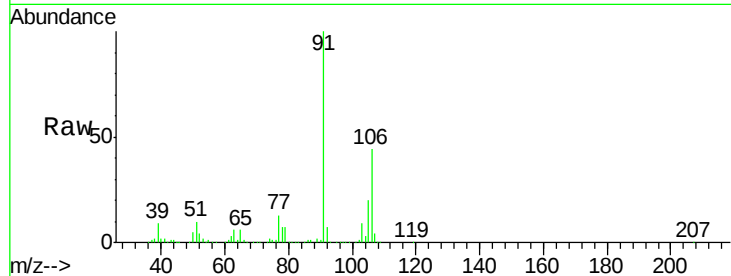




#69  
o-Xylene  
Concen: 5.26 ug/l  
RT: 11.95 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

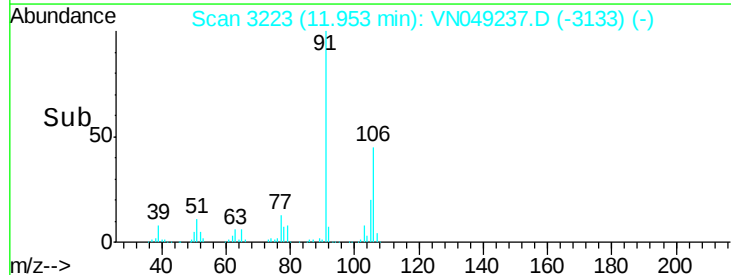
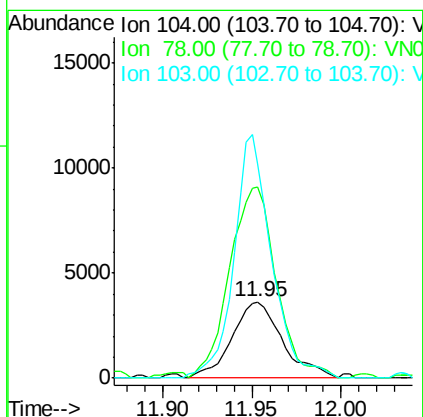
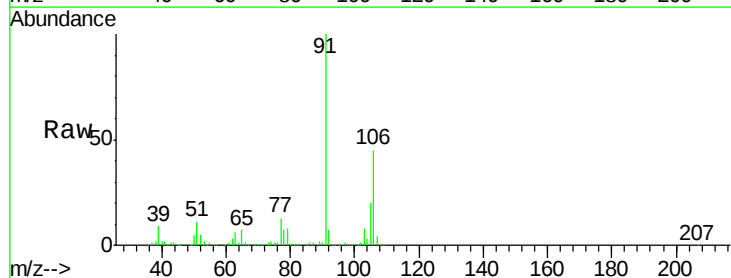
Instrument :  
MSVOA\_N  
ClientSampled :

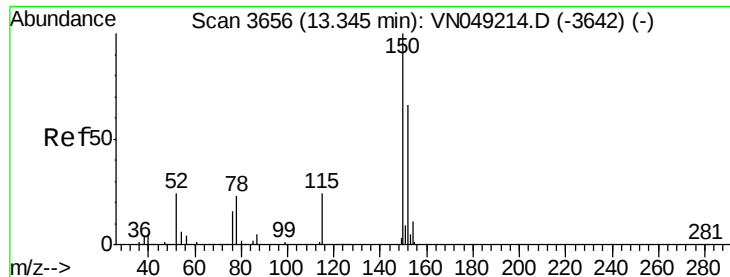
Tot Ion:106 Resp: 98159  
Ion Ratio Lower Upper  
106 100  
91 228.0 111.0 333.0



#70  
Styrene  
Concen: 0.24 ug/l  
RT: 11.95 min Scan# 3223  
Delta R.T. -0.01 min  
Lab File: VN049237.D  
Acq: 14 Jun 2018 19:16

Tgt Ion:104 Resp: 7174  
Ion Ratio Lower Upper  
104 100  
78 232.3 41.6 62.4#  
103 237.8 45.4 68.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampleId :

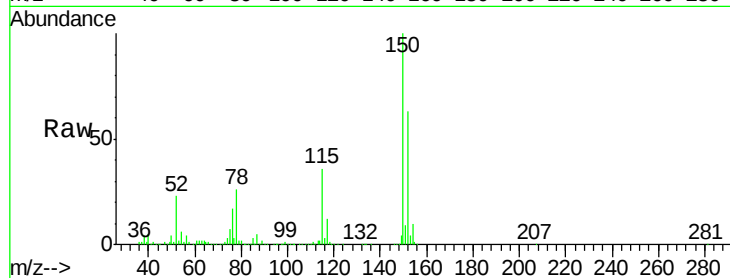
Tot Ion:152 Resp: 460302

Ion Ratio Lower Upper

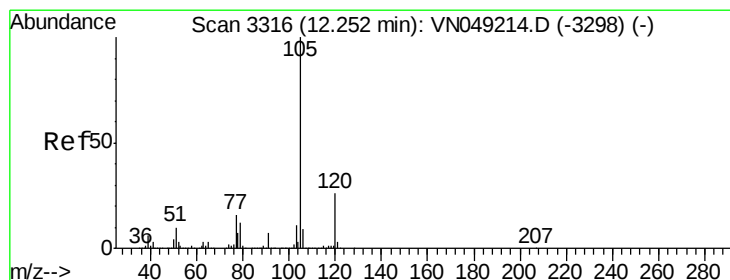
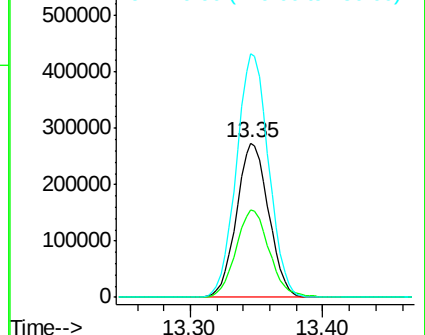
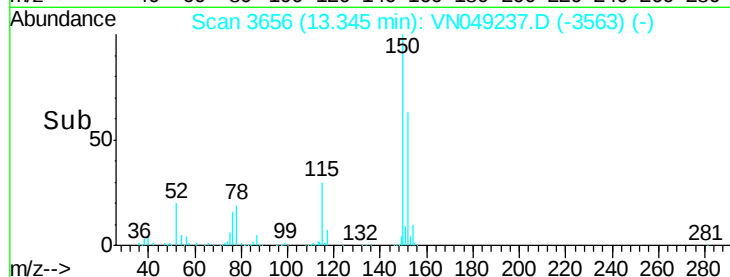
152 100

115 58.6 28.7 86.1

150 158.2 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 9.71 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049237.D

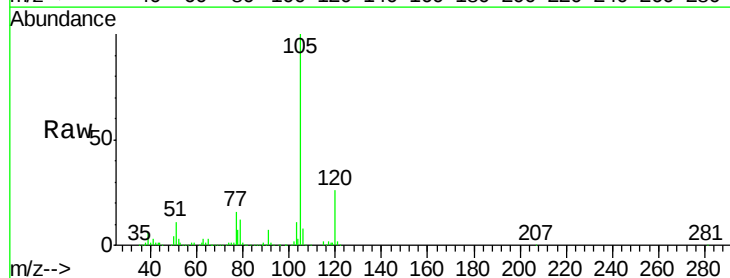
Acq: 14 Jun 2018 19:16

Tgt Ion:105 Resp: 429133

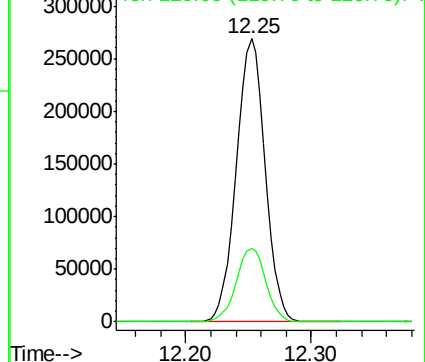
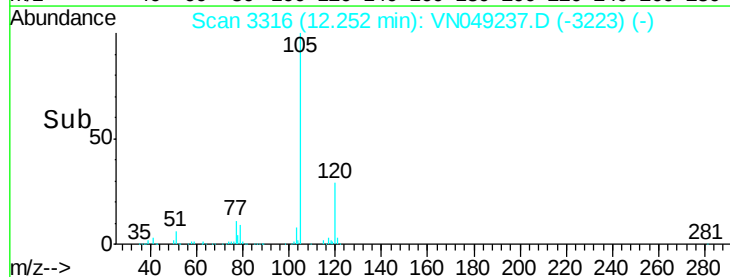
Ion Ratio Lower Upper

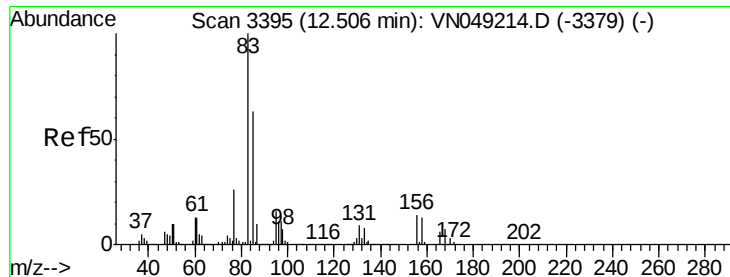
105 100

120 26.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3391

Delta R.T. -0.01 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampleId :

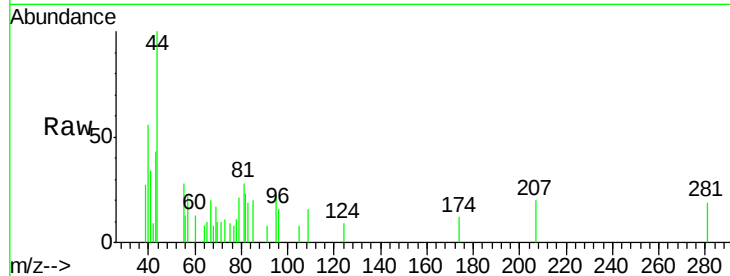
Tot Ion: 83 Resp: 608

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

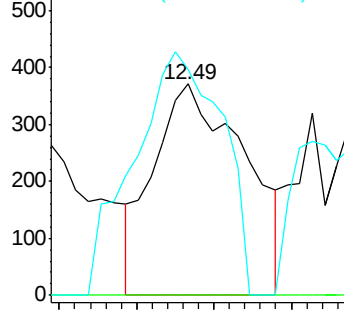
85 111.8 32.0 96.0#



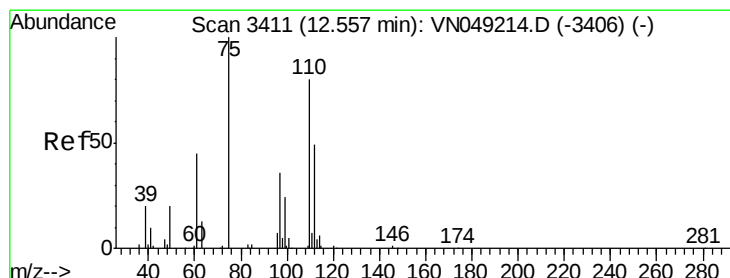
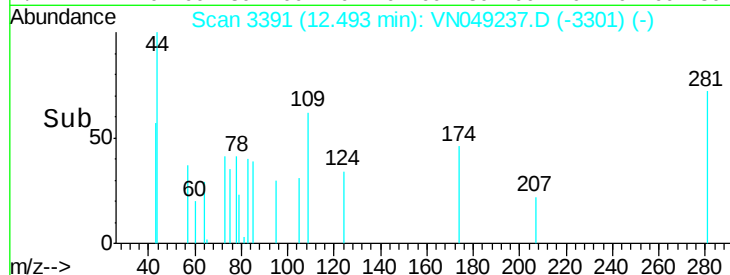
Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



Time-->



#76

1,2,3-Trichloropropane

Concen: 35.83 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049237.D

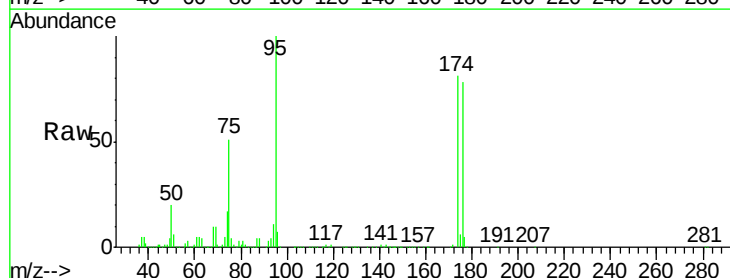
Acq: 14 Jun 2018 19:16

Tgt Ion: 75 Resp: 278091

Ion Ratio Lower Upper

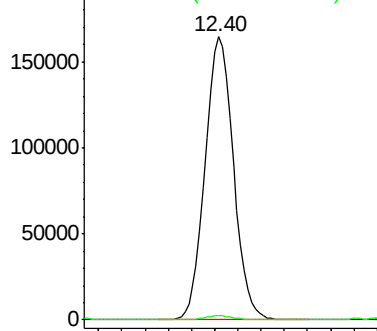
75 100

77 1.5 0.0 0.0#

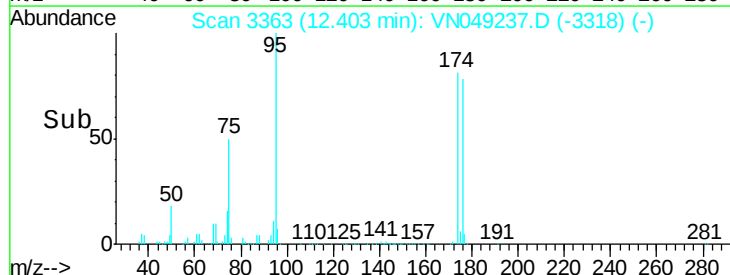


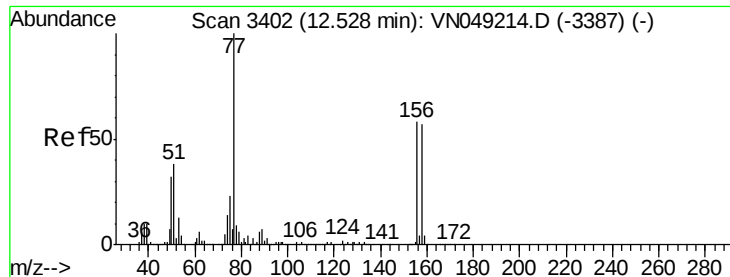
Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time-->





#77

Bromobenzene

Concen: Below Cal

RT: 12.54 min Scan# 3406

Delta R.T. 0.01 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampleId :

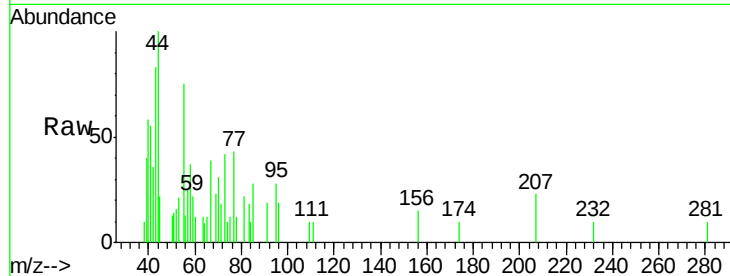
Tot Ion:156 Resp: 124

Ion Ratio Lower Upper

156 100

77 0.0 100.8 302.4#

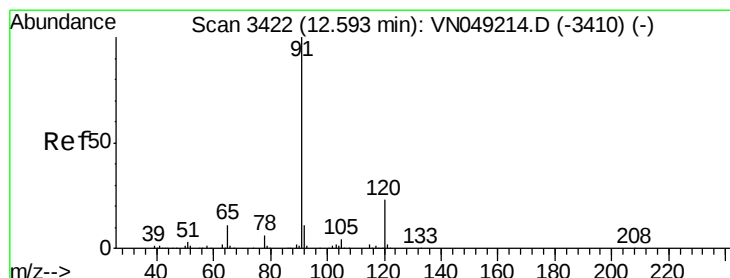
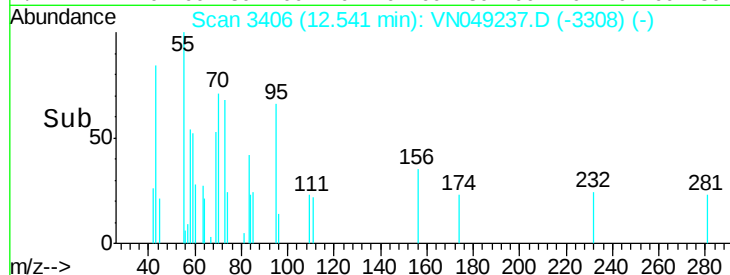
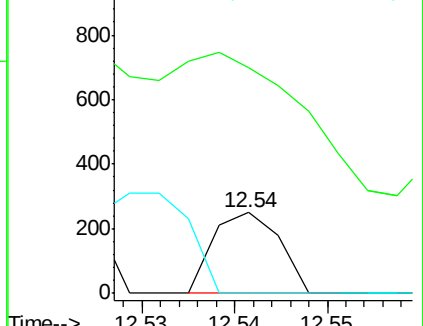
158 170.2 49.3 147.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 11.58 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049237.D

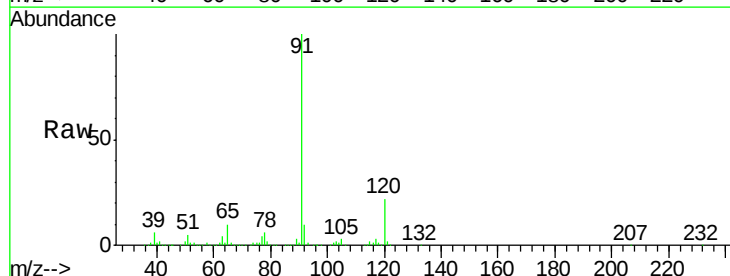
Acq: 14 Jun 2018 19:16

Tgt Ion: 91 Resp: 568749

Ion Ratio Lower Upper

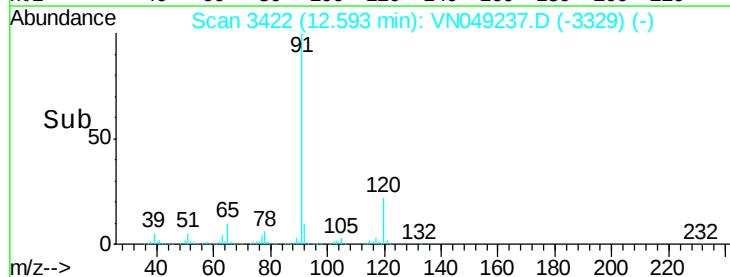
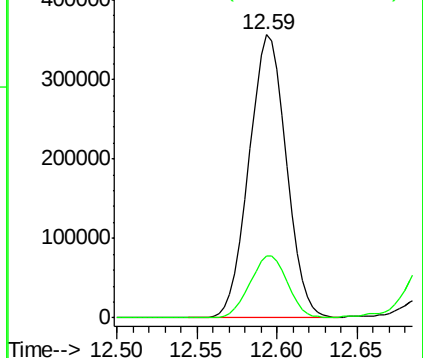
91 100

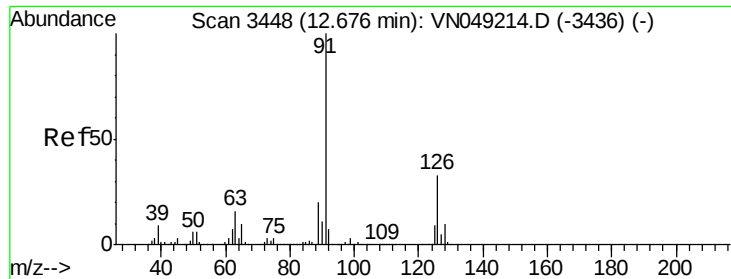
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.47 ug/l

RT: 12.69 min Scan# 3452

Delta R.T. 0.01 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

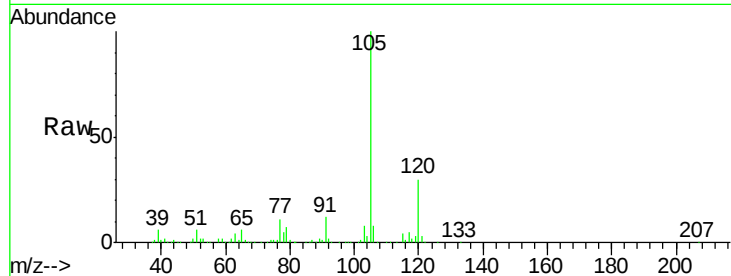
ClientSampled :

Tot Ion: 91 Resp: 45555

Ion Ratio Lower Upper

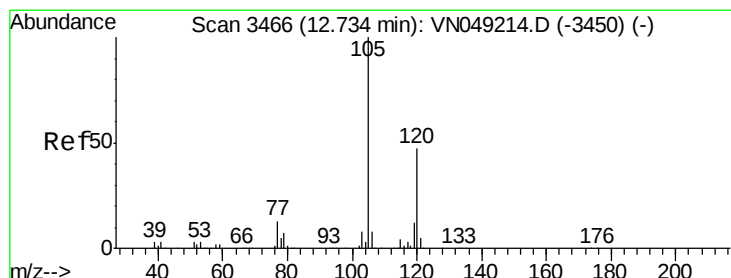
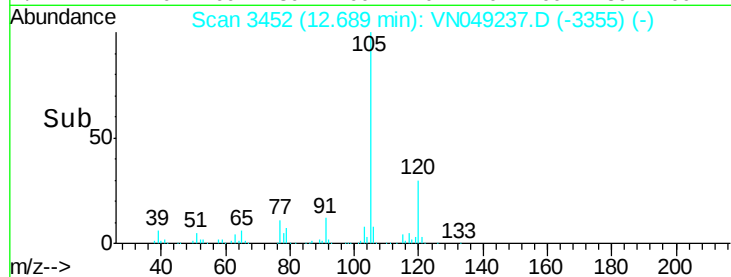
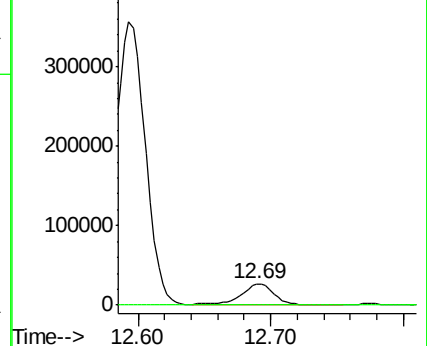
91 100

126 1.2 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VN049237.D (-3355) (-)

Ion 125.90 (125.60 to 126.60): VN049237.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 11.35 ug/l

RT: 12.69 min Scan# 3453

Delta R.T. -0.04 min

Lab File: VN049237.D

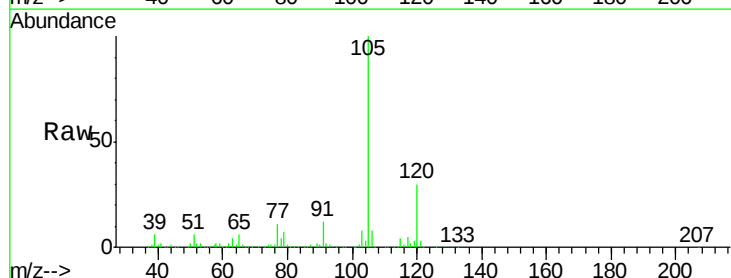
Acq: 14 Jun 2018 19:16

Tgt Ion: 105 Resp: 384693

Ion Ratio Lower Upper

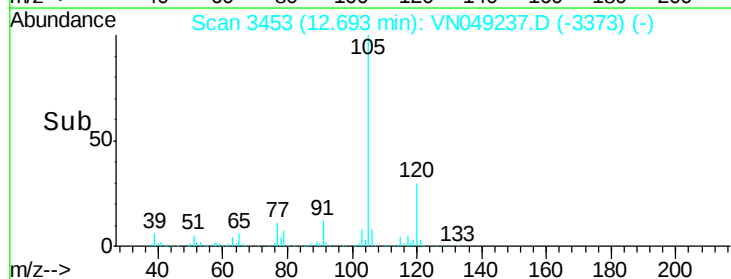
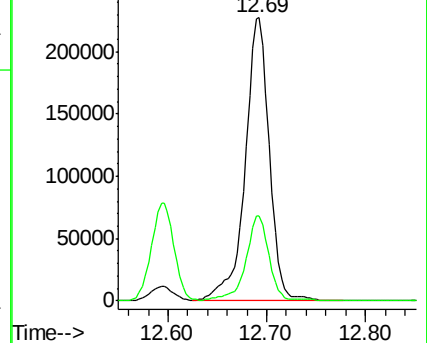
105 100

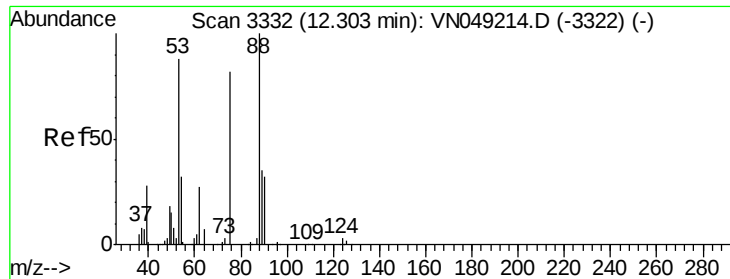
120 27.8 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049237.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN049237.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 100.94 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampled :

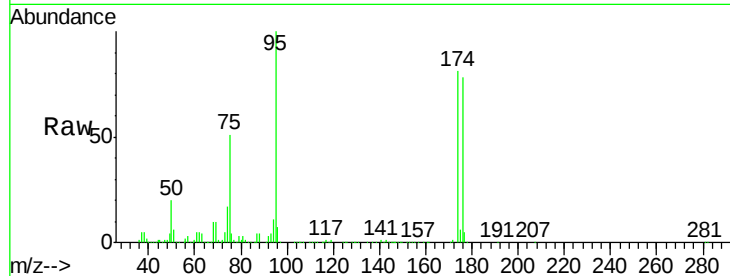
Tot Ion: 75 Resp: 278091

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

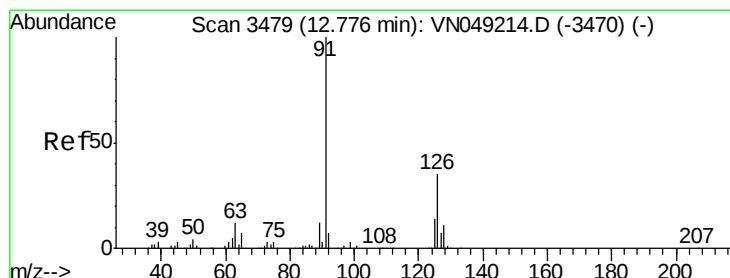
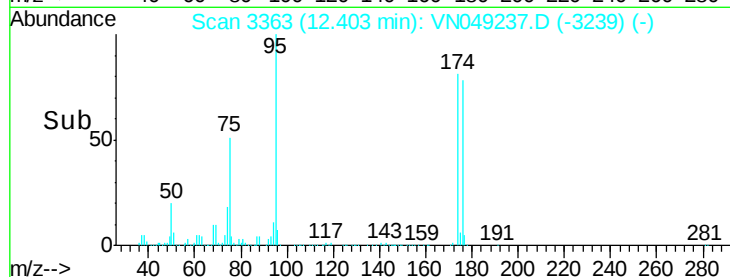
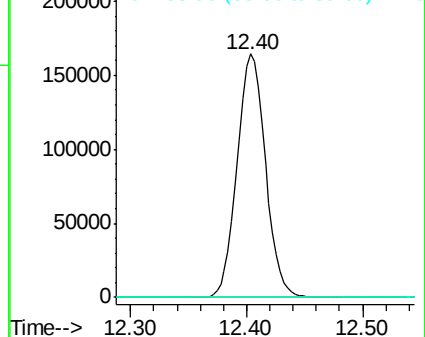
89 0.0 36.5 54.7#



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



#82

4-Chlorotoluene

Concen: 1.55 ug/l

RT: 12.69 min Scan# 3452

Delta R.T. -0.09 min

Lab File: VN049237.D

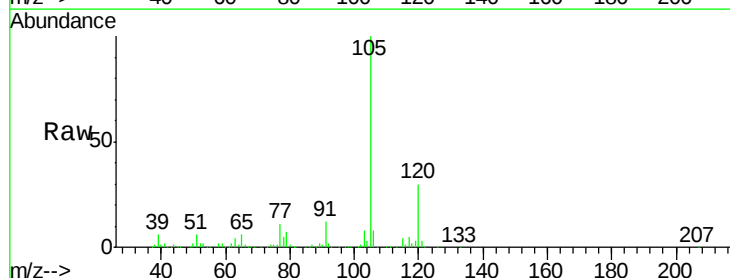
Acq: 14 Jun 2018 19:16

Tgt Ion: 91 Resp: 45555

Ion Ratio Lower Upper

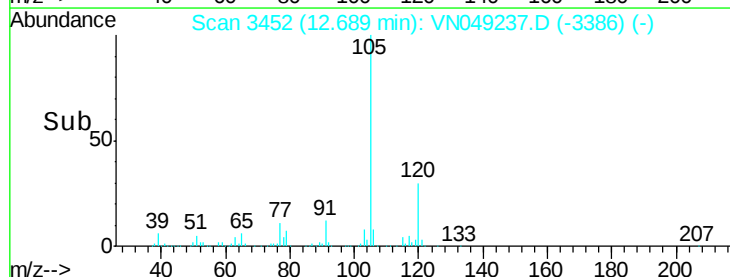
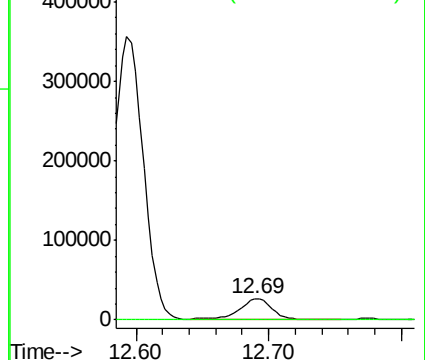
91 100

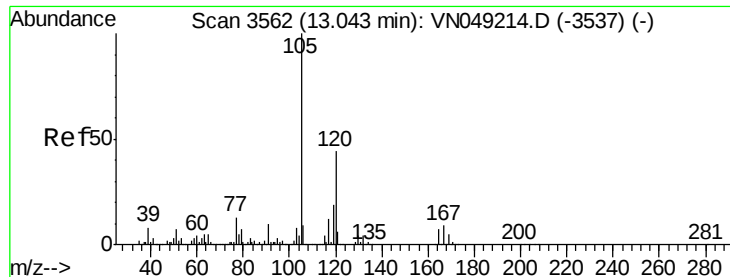
126 1.2 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 29.37 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

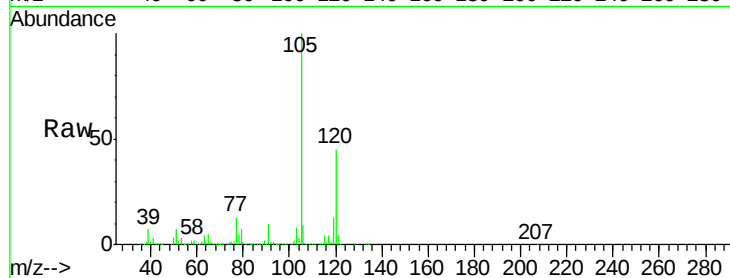
ClientSampleId :

Tot Ion:105 Resp: 989430

Ion Ratio Lower Upper

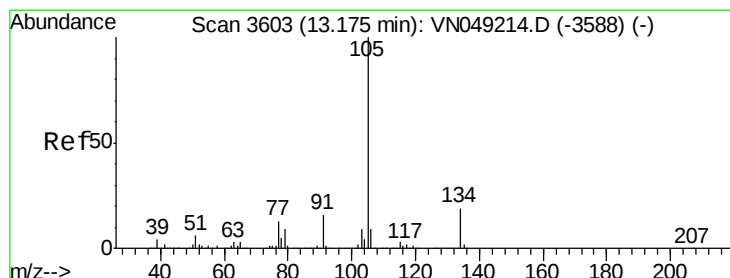
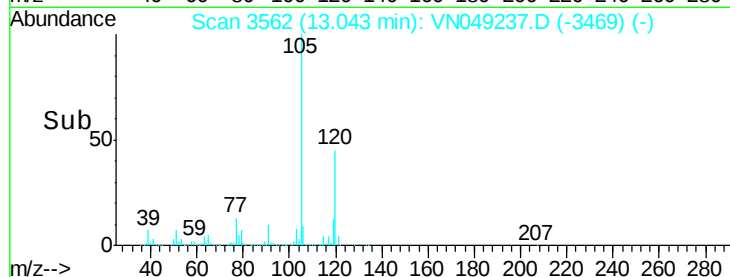
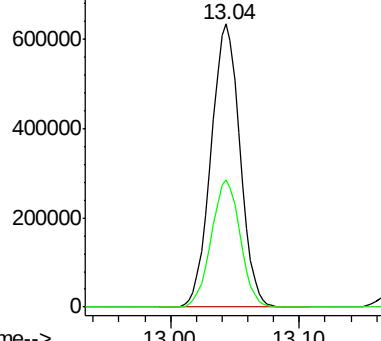
105 100

120 45.0 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.49 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049237.D

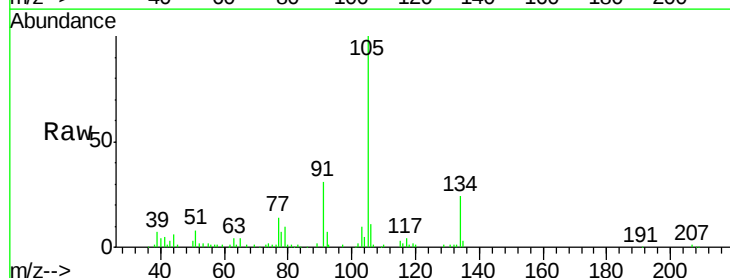
Acq: 14 Jun 2018 19:16

Tgt Ion:105 Resp: 57955

Ion Ratio Lower Upper

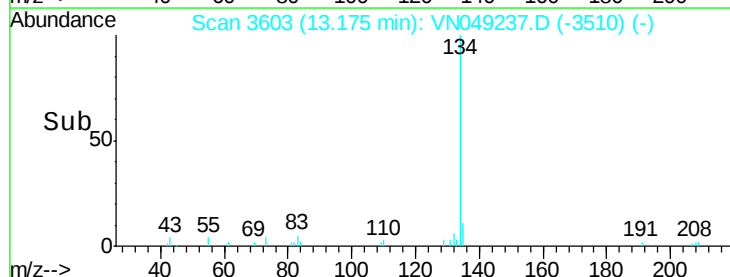
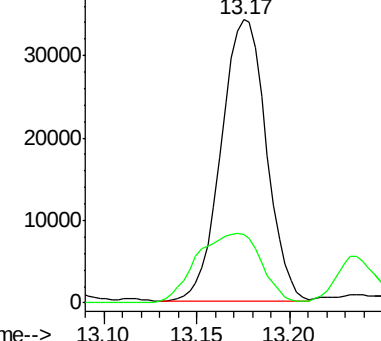
105 100

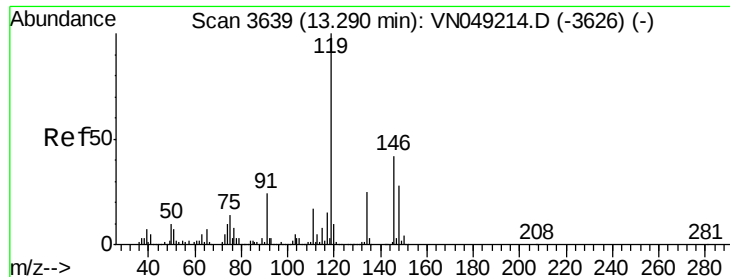
134 35.2 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

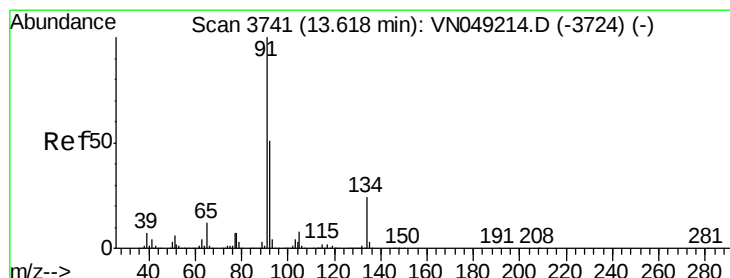
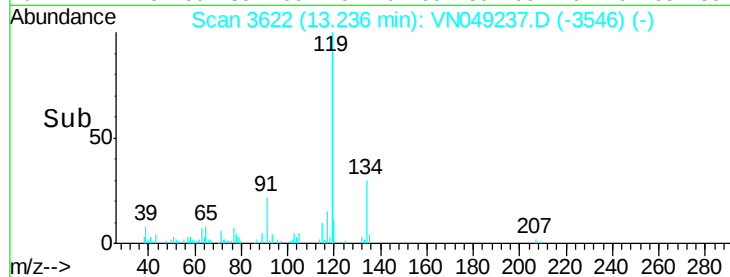
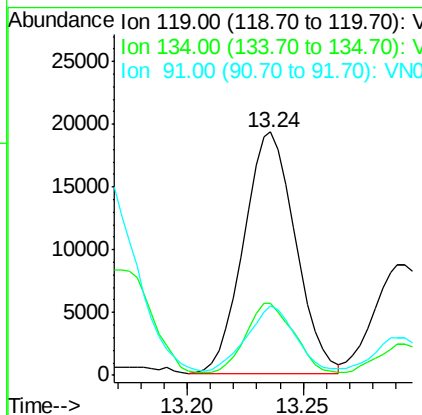
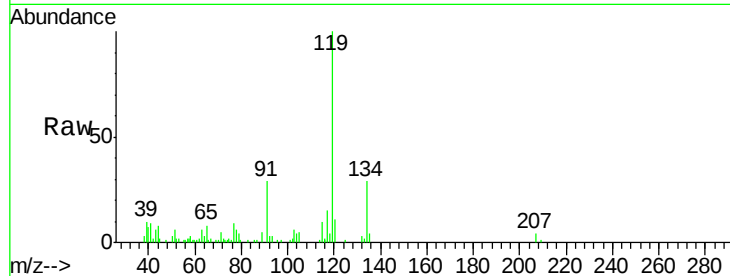




#86  
 p-Isopropyltoluene  
 Concen: 0.95 ug/l  
 RT: 13.24 min Scan# 3622  
 Delta R.T. -0.05 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

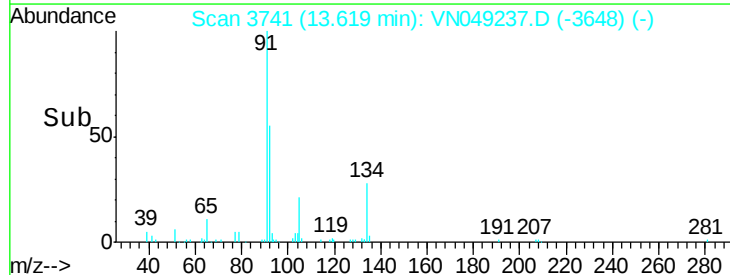
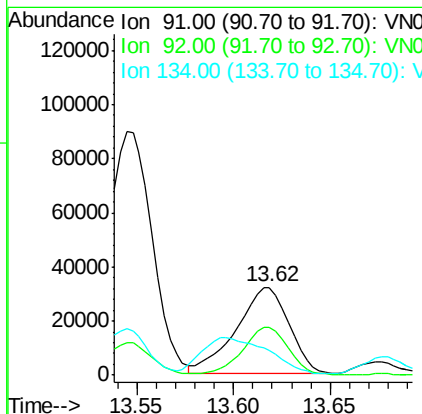
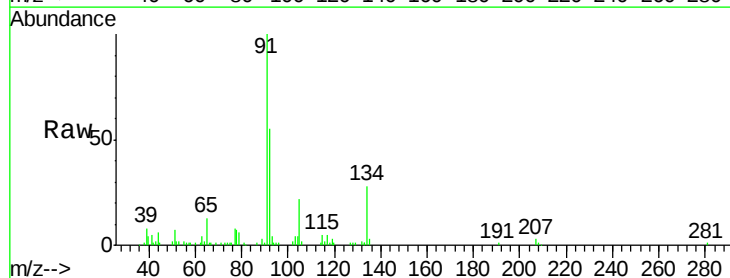
Instrument :  
 MSVOA\_N  
 ClientSampled :

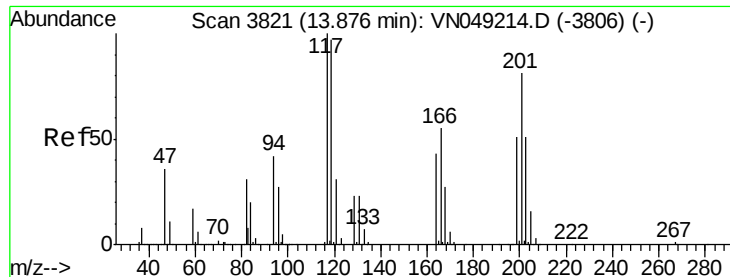
| Tot Ion   | 119   | Resp  | 29812 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 134       | 28.6  | 12.9  | 38.6  |
| 91        | 24.7  | 12.1  | 36.3  |



#89  
 n-Butylbenzene  
 Concen: 3.65 ug/l  
 RT: 13.62 min Scan# 3741  
 Delta R.T. 0.00 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

| Tgt Ion   | 91    | Resp  | 59744 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 47.6  | 25.1  | 75.4  |
| 134       | 0.0   | 12.0  | 36.0# |





#90

Hexachloroethane

Concen: 2.61 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

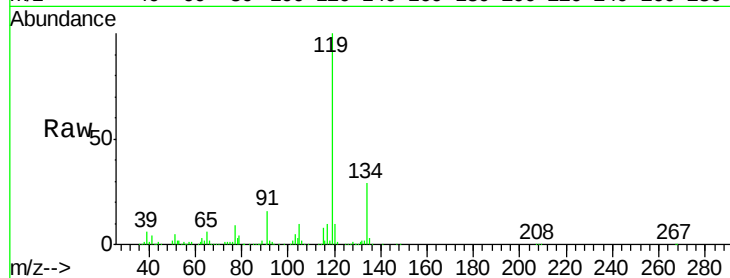
ClientSampled :

Tot Ion:117 Resp: 27069

Ion Ratio Lower Upper

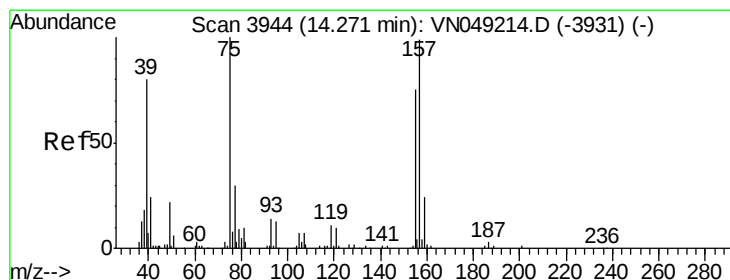
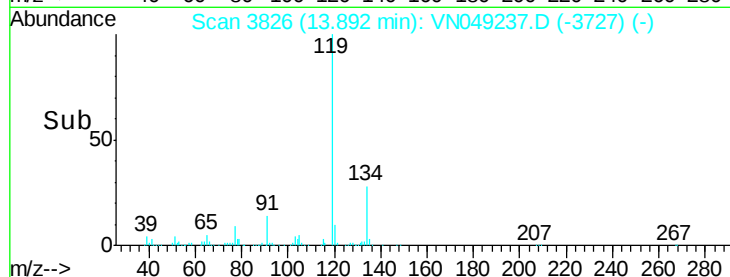
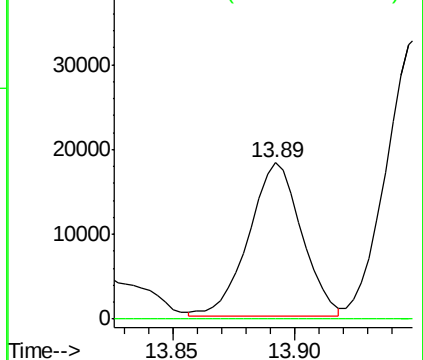
117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.76 ug/l

RT: 14.26 min Scan# 3939

Delta R.T. -0.02 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

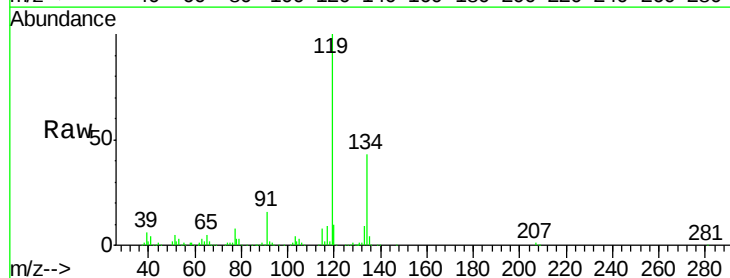
Tgt Ion: 75 Resp: 2709

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

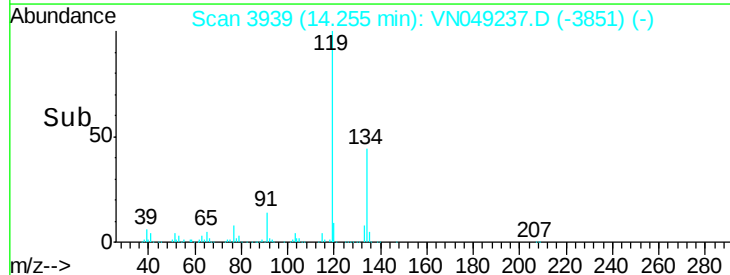
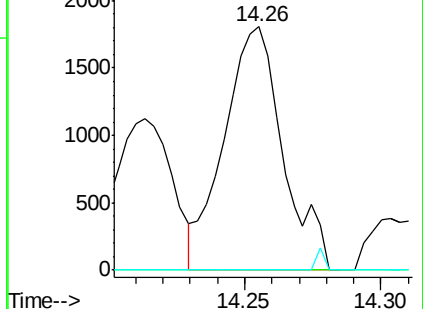
157 0.0 51.0 153.1#

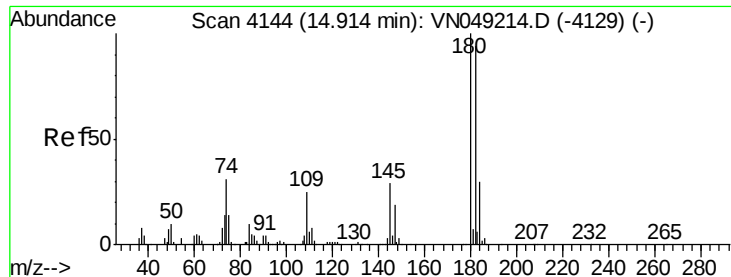


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

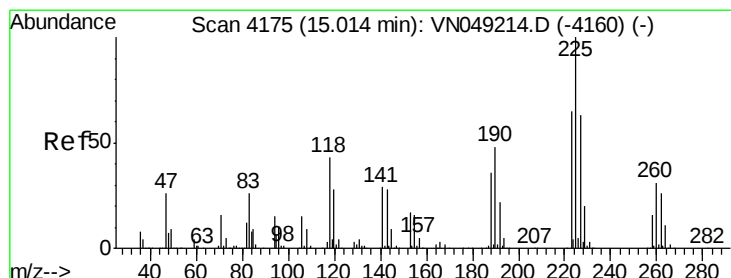
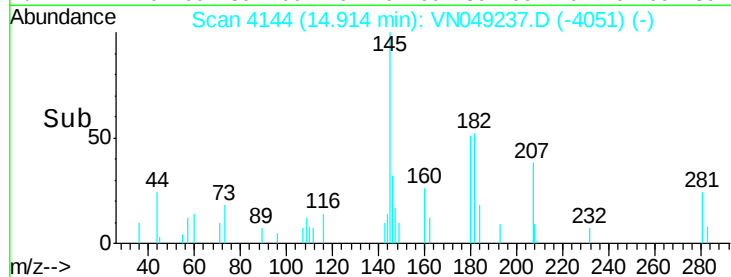
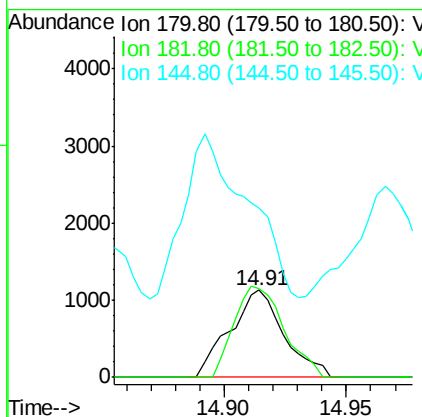
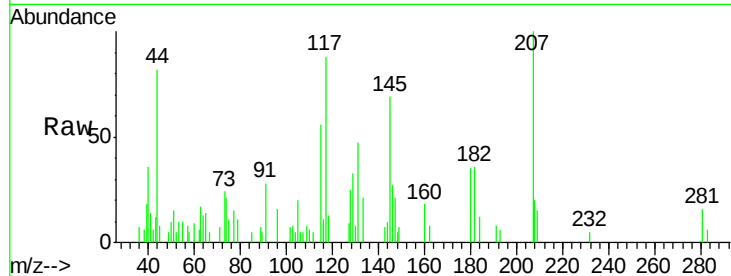




#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.60 ug/l  
 RT: 14.91 min Scan# 4144  
 Delta R.T. 0.00 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

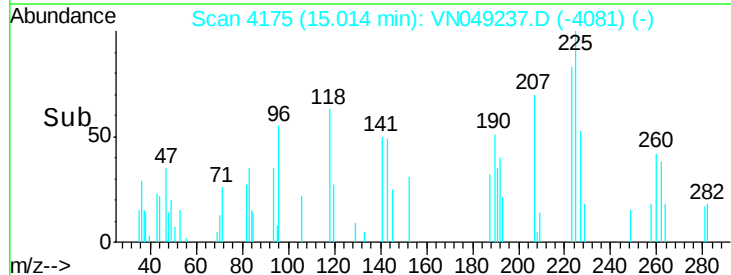
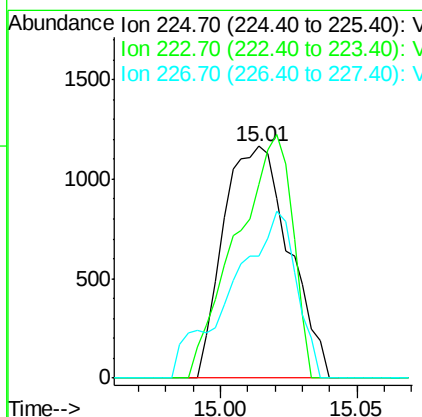
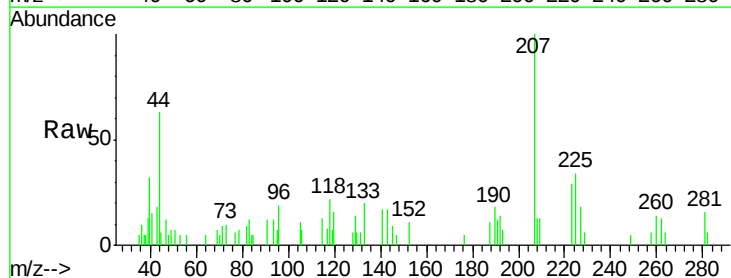
Instrument :  
 MSVOA\_N  
 ClientSampleId :

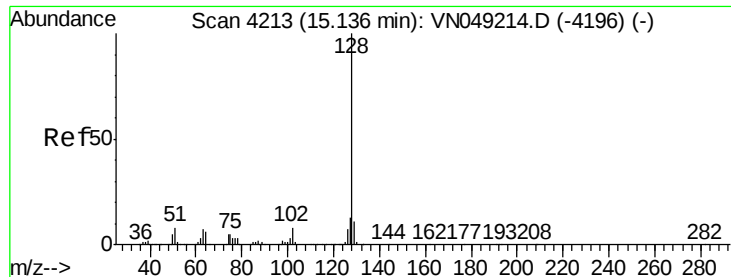
Tot Ion:180 Resp: 1735  
 Ion Ratio Lower Upper  
 180 100  
 182 96.5 46.9 140.8  
 145 0.0 14.7 44.1#



#94  
 Hexachlorobutadiene  
 Concen: 0.38 ug/l  
 RT: 15.01 min Scan# 4175  
 Delta R.T. 0.00 min  
 Lab File: VN049237.D  
 Acq: 14 Jun 2018 19:16

Tgt Ion:225 Resp: 1954  
 Ion Ratio Lower Upper  
 225 100  
 223 89.6 32.1 96.3  
 227 70.6 31.8 95.3





#95

Naphthalene

Concen: 49.16 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

Instrument :

MSVOA\_N

ClientSampled :

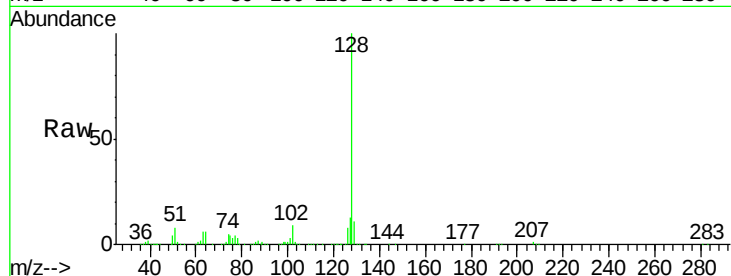
Tot Ion:128 Resp: 784107

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

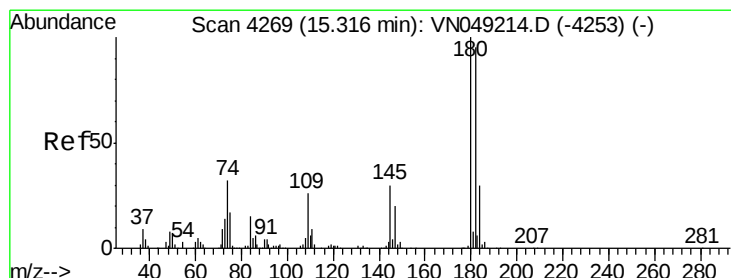
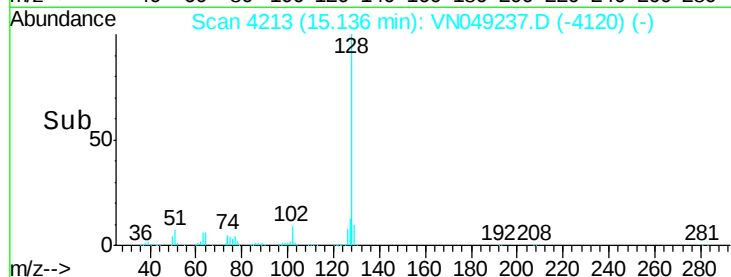
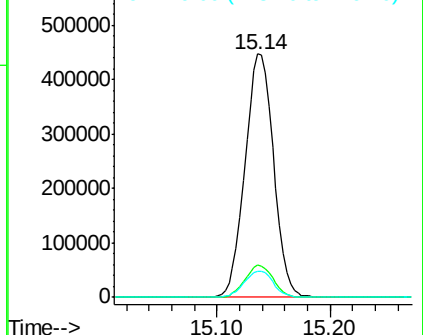
129 11.0 8.5 12.7



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: 0.32 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN049237.D

Acq: 14 Jun 2018 19:16

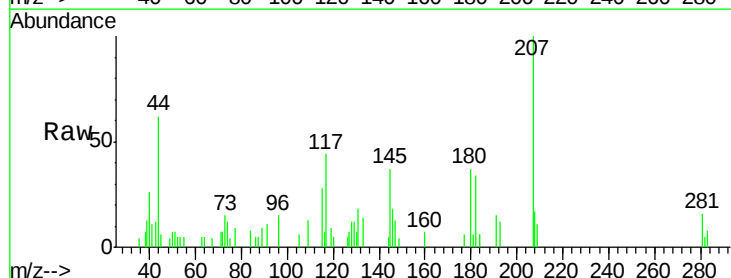
Tgt Ion:180 Resp: 2147

Ion Ratio Lower Upper

180 100

182 107.7 47.3 141.8

145 0.0 15.6 46.7#



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

