

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\  
 Data File : VN049501.D  
 Acq On : 22 Jun 2018 19:24  
 Operator : MD\SY  
 Sample : PB116445ZHE#14  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 22 22:17:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:02:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1213948  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1917328  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1620143  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 413098   | 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   | 827215   | 51.38 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.76% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 727884   | 46.92 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.84%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 2668037  | 45.17 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.34%  |          |
| 62) 4-Bromofluorobenzene    | 12.41 | 95   | 648216   | 33.19 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 66.38%  |          |

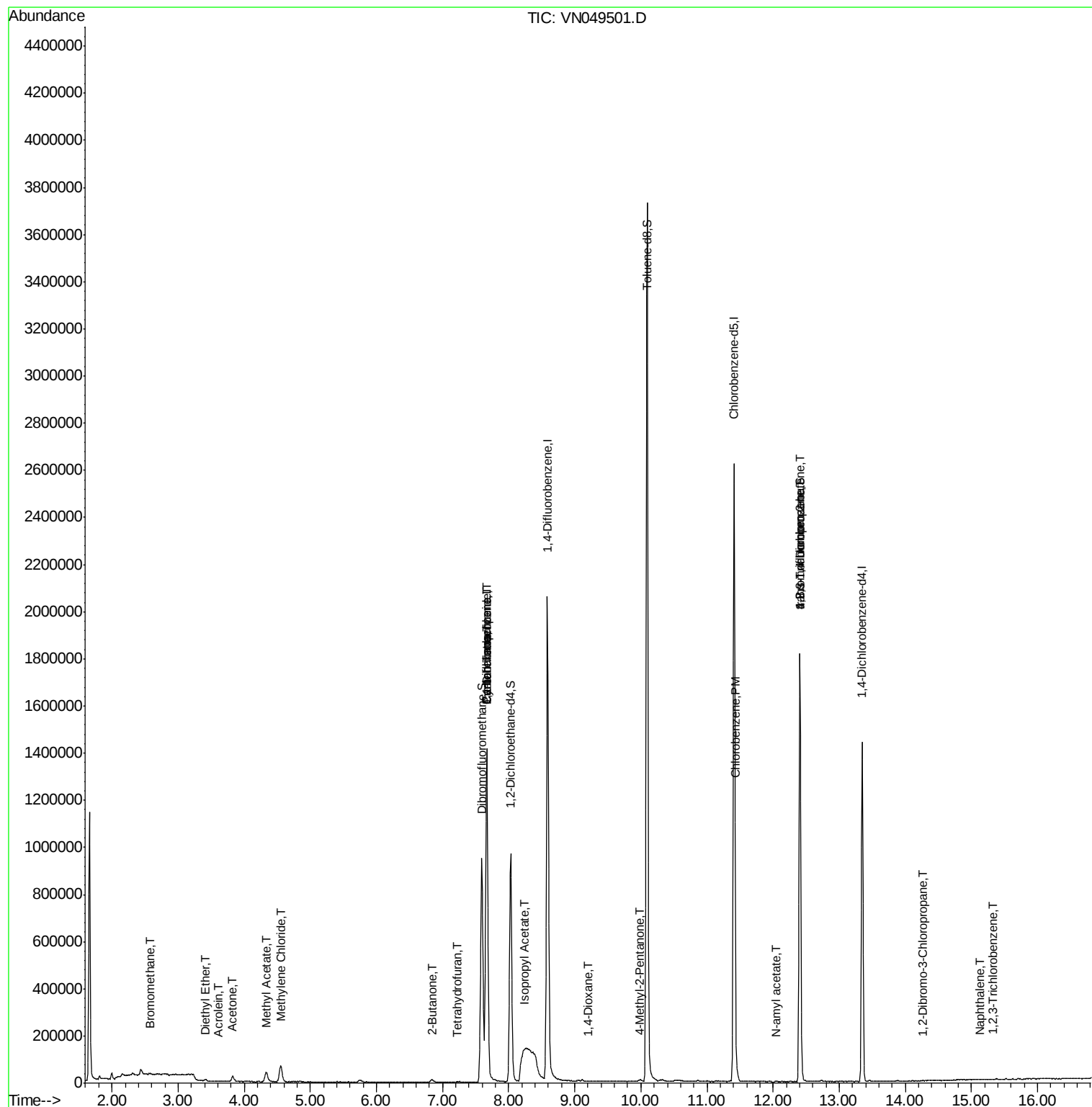
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 5) Bromomethane                | 2.57  | 94   | 3944     | 0.39   | ug/l # | 69     |
| 8) Diethyl Ether               | 3.41  | 74   | 2403     | 0.29   | ug/l   | 86     |
| 13) Acrolein                   | 3.61  | 56   | 351      | 0.35   | ug/l # | 22     |
| 16) Acetone                    | 3.82  | 43   | 34208    | 8.75   | ug/l # | 86     |
| 18) Methyl Acetate             | 4.33  | 43   | 82502    | 6.92   | ug/l   | 92     |
| 20) Methylene Chloride         | 4.55  | 84   | 51750    | 3.17   | ug/l   | 89     |
| 25) 2-Butanone                 | 6.86  | 43   | 2862     | 0.55   | ug/l # | 55     |
| 29) Tetrahydrofuran            | 7.22  | 42   | 877      | 0.26   | ug/l # | 36     |
| 31) Cyclohexane                | 7.67  | 56   | 22594    | 0.78   | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 85867    | 3.91   | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 109567   | 4.82   | ug/l # | 17     |
| 43) Isopropyl Acetate          | 8.23  | 43   | 152625   | 6.69   | ug/l # | 64     |
| 49) 1,4-Dioxane                | 9.20  | 88   | 32       | 0.22   | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 2682     | 0.22   | ug/l # | 77     |
| 65) Chlorobenzene              | 11.44 | 112  | 13848    | 0.33   | ug/l   | 94     |
| 74) N-amyl acetate             | 12.04 | 43   | 1883     | 0.21   | ug/l # | 58     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.46 | 83   | 76       | Below  | Cal #  | 26     |
| 76) 1,2,3-Trichloropropane     | 12.41 | 75   | 311738   | 44.23  | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.41 | 75   | 311738   | 139.78 | ug/l # | 9      |
| 90) Hexachloroethane           | 13.61 | 117  | 66       | Below  | Cal #  | 9      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 420      | 0.33   | ug/l # | 4      |
| 95) Naphthalene                | 15.14 | 128  | 485      | 2.12   | ug/l # | 69     |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 32       | 3.46   | ug/l # | 1      |

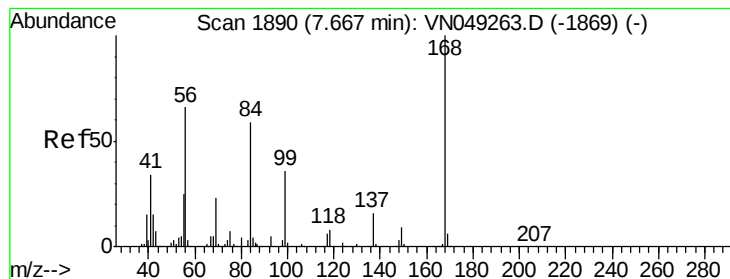
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062218\  
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ClientSampleId :

Quant Time: Jun 22 22:17:05 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:02:01 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

Instrument :

MSVOA\_N

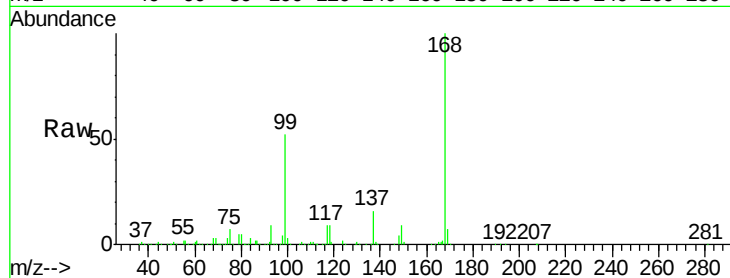
ClientSampled :

Tot Ion:168 Resp: 1213948

Ion Ratio Lower Upper

168 100

99 51.8 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

500000

400000

300000

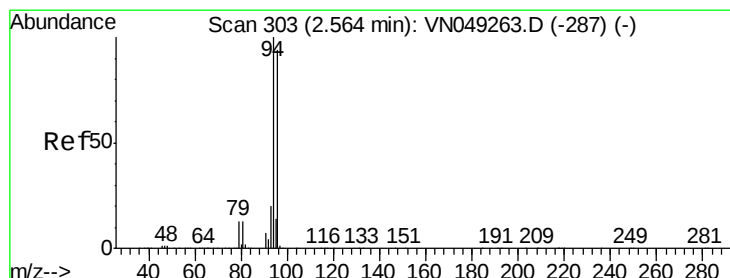
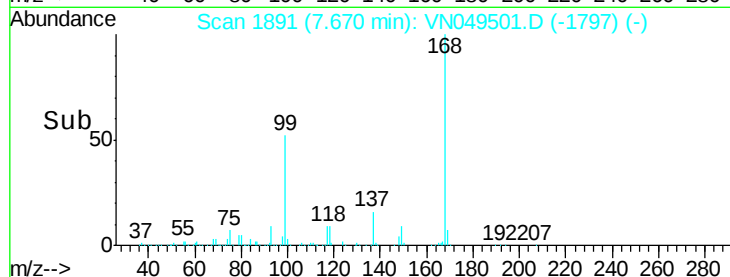
200000

100000

0

Time-->

7.60 7.70 7.80



#5

Bromomethane

Concen: 0.39 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049501.D

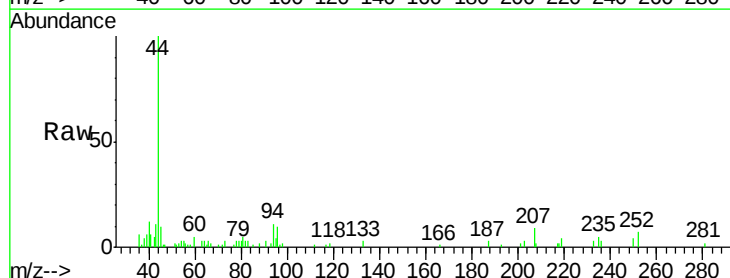
Acq: 22 Jun 2018 19:24

Tgt Ion: 94 Resp: 3944

Ion Ratio Lower Upper

94 100

96 61.9 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

1500

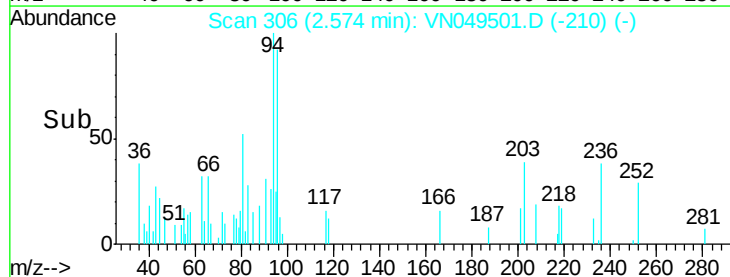
1000

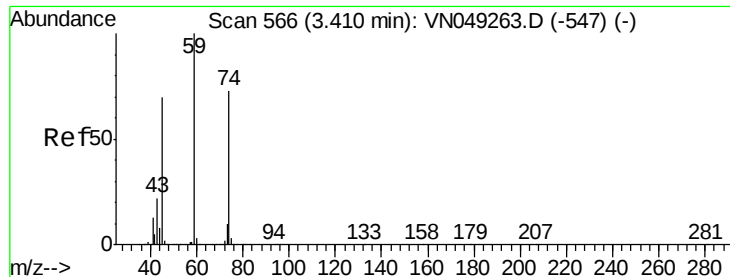
500

0

Time-->

2.50 2.55 2.60 2.65





#8

Diethyl Ether

Concen: 0.29 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

Instrument :

MSVOA\_N

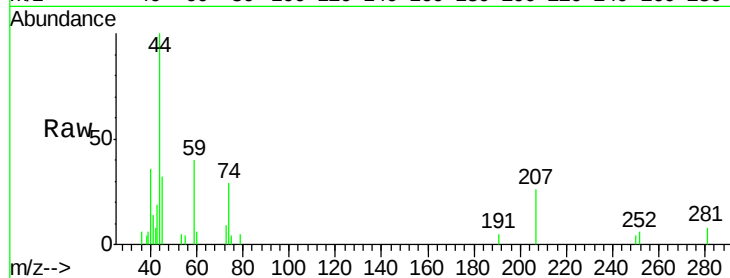
ClientSampleId :

Tot Ion: 74 Resp: 2403

Ion Ratio Lower Upper

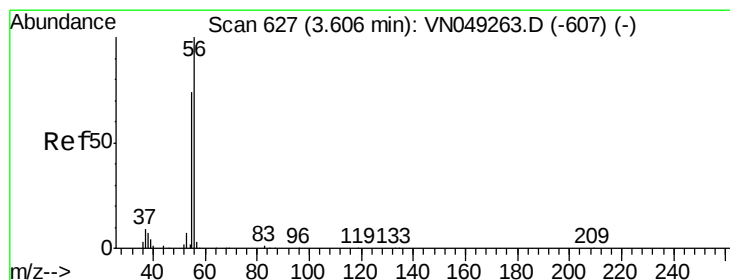
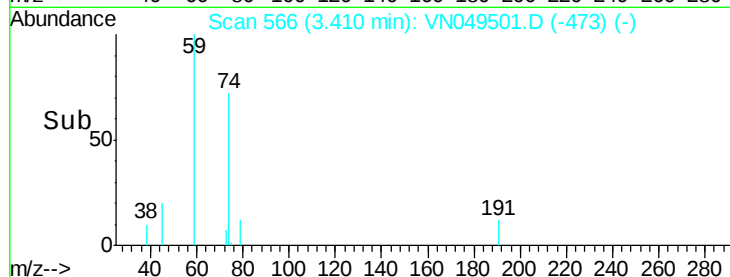
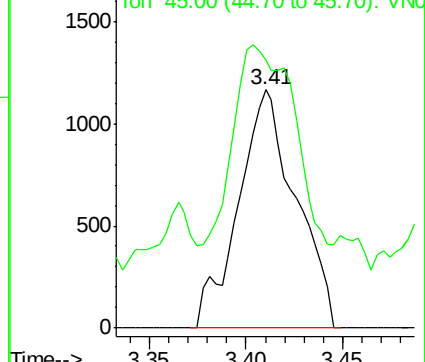
74 100

45 89.8 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#13

Acrolein

Concen: 0.35 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049501.D

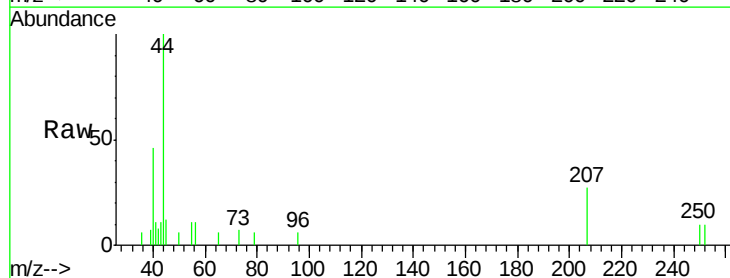
Acq: 22 Jun 2018 19:24

Tgt Ion: 56 Resp: 351

Ion Ratio Lower Upper

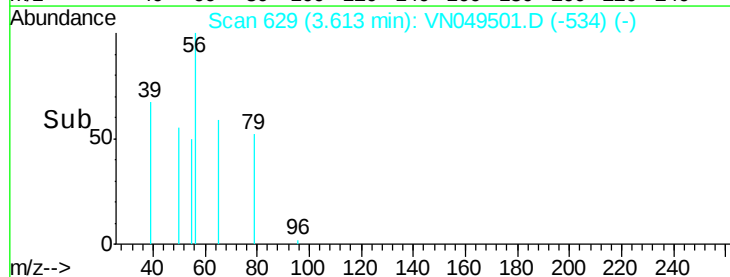
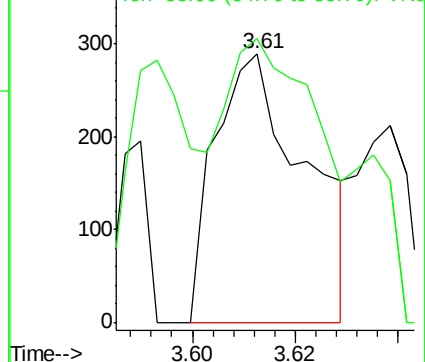
56 100

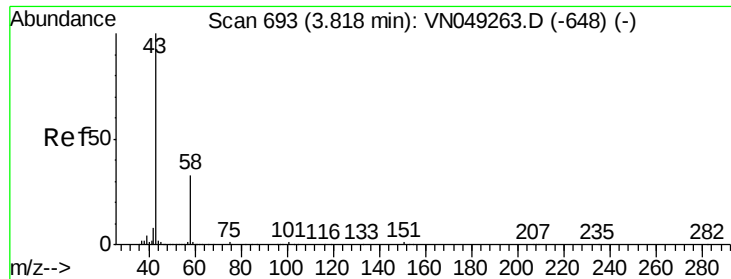
55 136.2 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

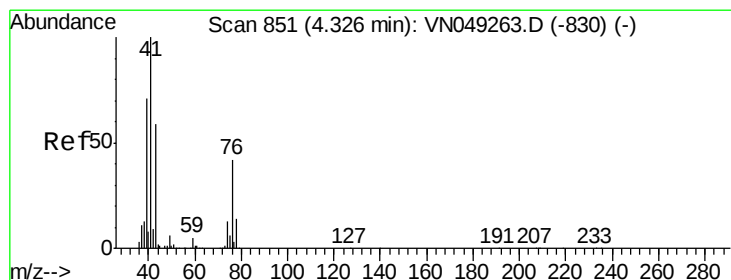
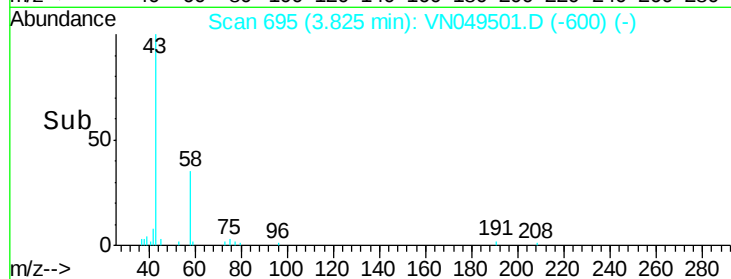
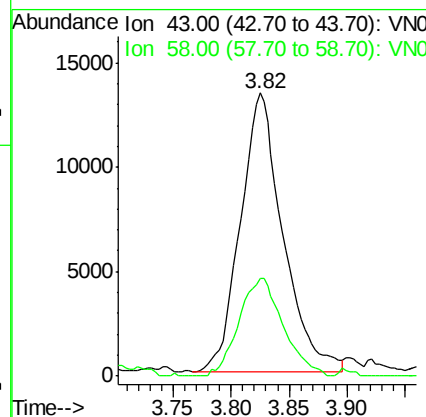
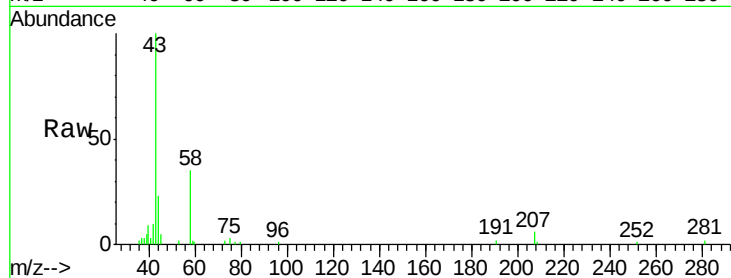




#16  
Acetone  
Concen: 8.75 ug/l  
RT: 3.82 min Scan# 695  
Delta R.T. 0.01 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

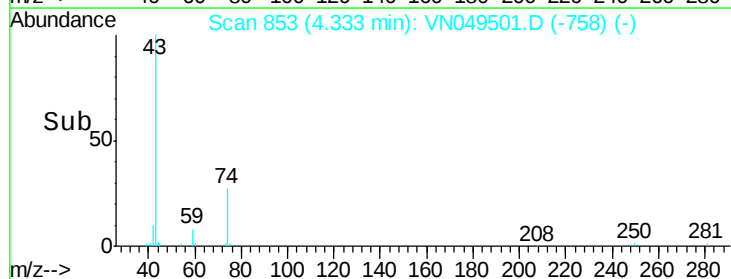
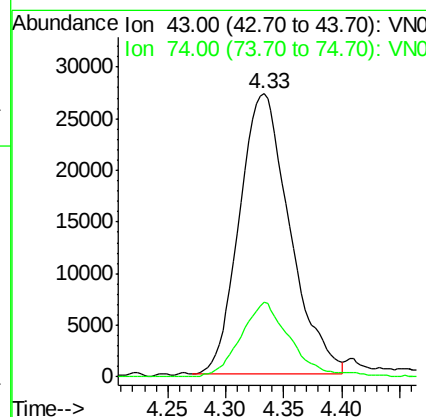
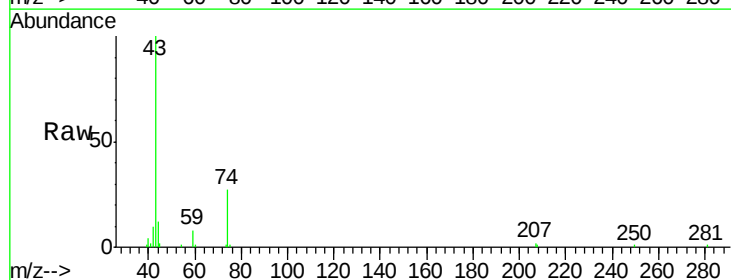
Instrument :  
MSVOA\_N  
ClientSampled :

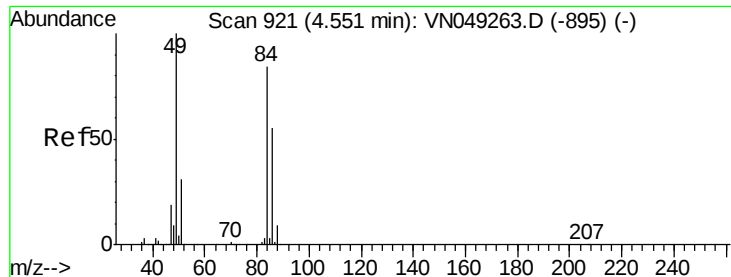
Tot Ion: 43 Resp: 34208  
Ion Ratio Lower Upper  
43 100  
58 35.2 22.4 33.6#



#18  
Methyl Acetate  
Concen: 6.92 ug/l  
RT: 4.33 min Scan# 853  
Delta R.T. 0.01 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

Tgt Ion: 43 Resp: 82502  
Ion Ratio Lower Upper  
43 100  
74 25.5 17.4 26.0

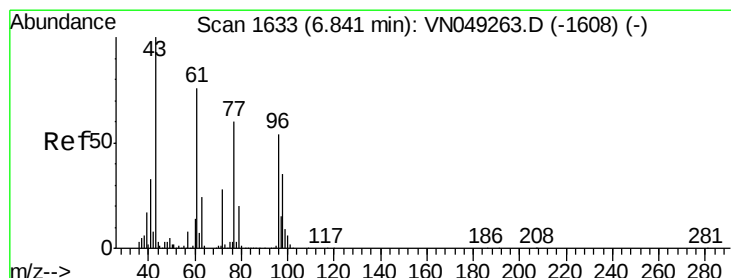
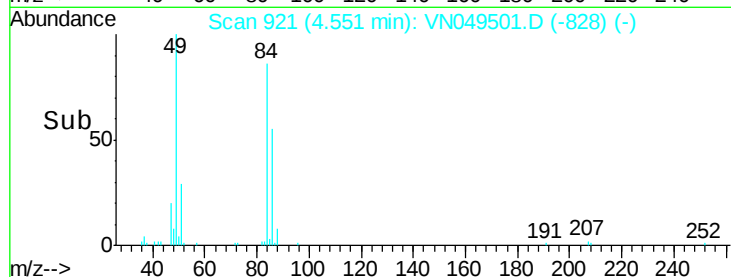
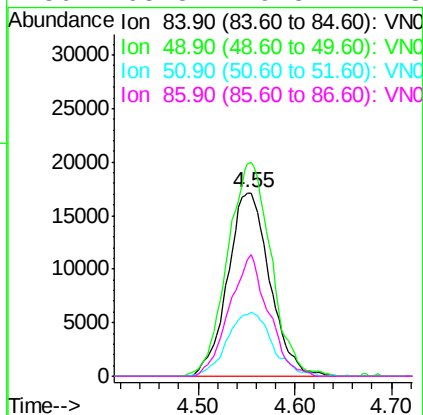
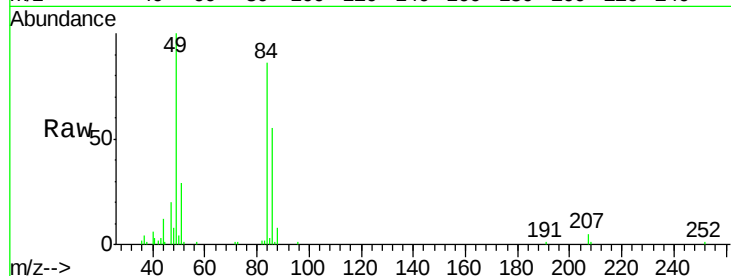




#20  
Methvlene Chloride  
Concen: 3.17 ug/l  
RT: 4.55 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

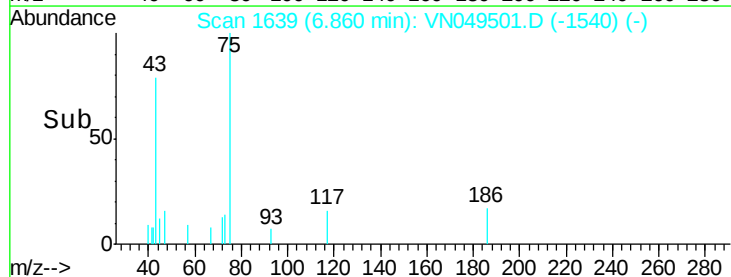
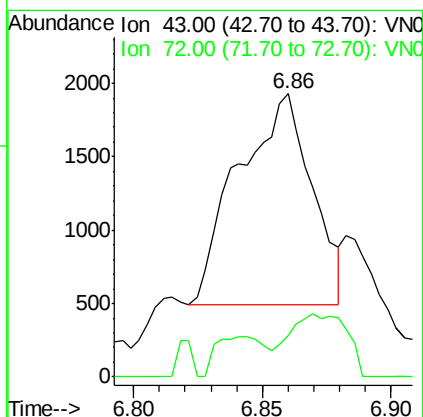
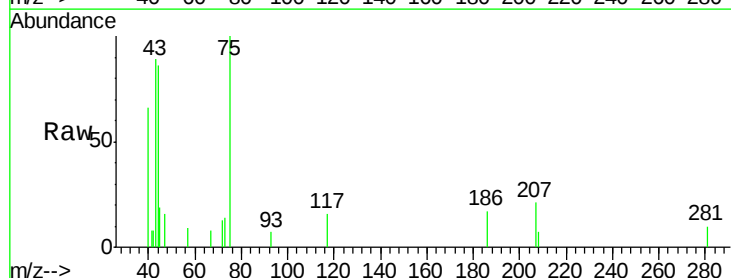
Instrument :  
MSVOA\_N  
ClientSampleId :

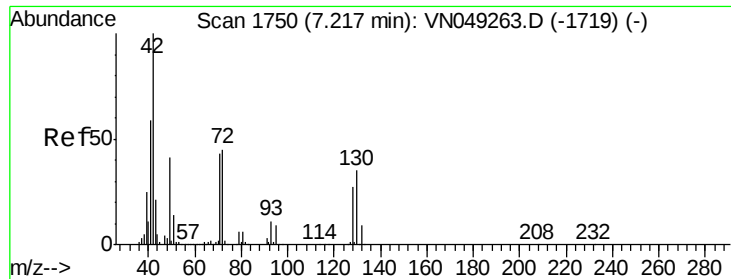
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 51750 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 116.1 | 106.9 | 160.3 |
| 51       | 33.6  | 32.7  | 49.1  |
| 86       | 63.8  | 49.8  | 74.8  |



#25  
2-Butanone  
Concen: 0.55 ug/l  
RT: 6.86 min Scan# 1639  
Delta R.T. 0.02 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2862  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 2.8   | 20.2  | 30.2# |

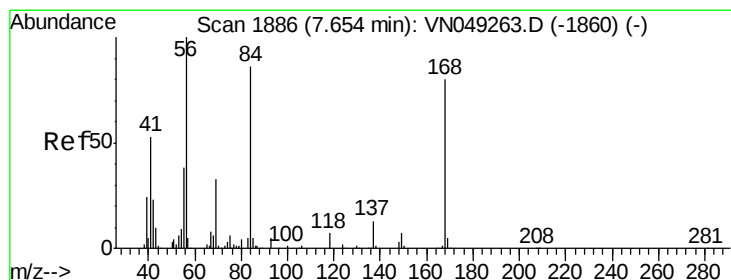
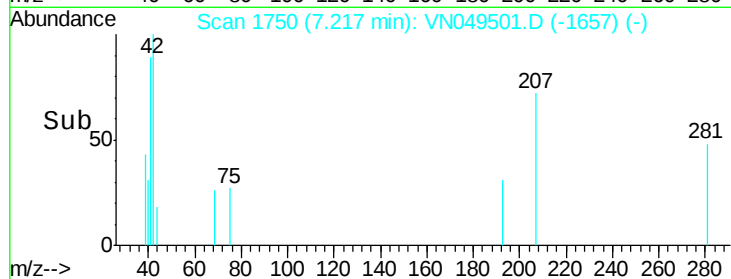
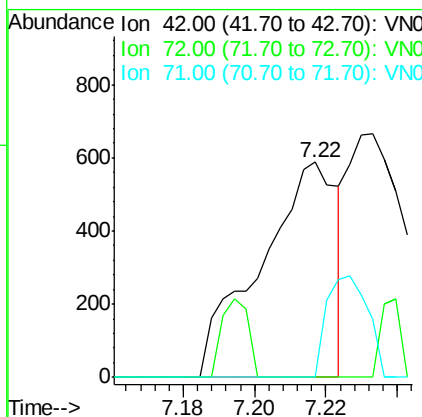
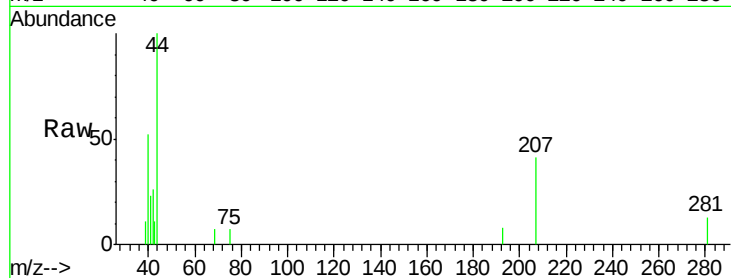




#29  
Tetrahydrofuran  
Concen: 0.26 ug/l  
RT: 7.22 min Scan# 1750  
Delta R.T. 0.00 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

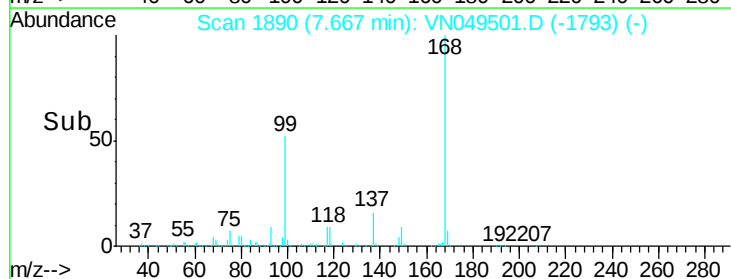
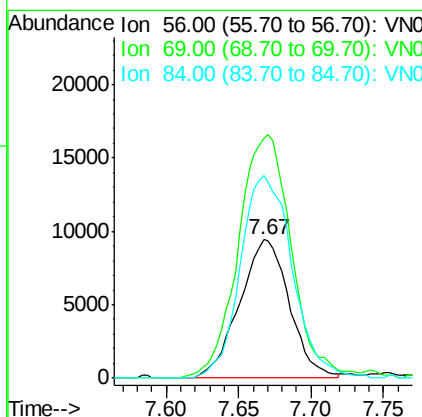
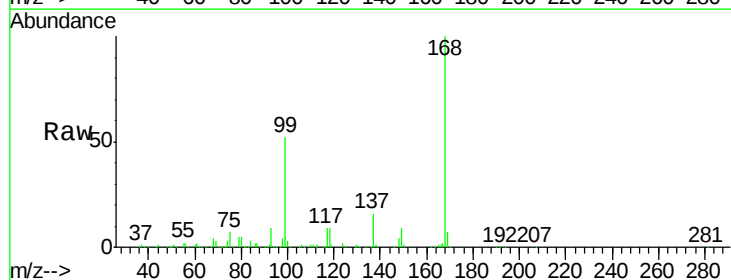
Instrument :  
MSVOA\_N  
ClientSampled :

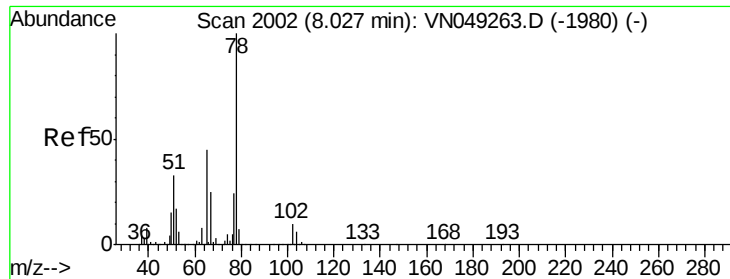
Tot Ion: 42 Resp: 877  
Ion Ratio Lower Upper  
42 100  
72 0.0 32.2 48.4#  
71 0.0 30.5 45.7#



#31  
Cyclohexane  
Concen: 0.78 ug/l  
RT: 7.67 min Scan# 1890  
Delta R.T. 0.01 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

Tgt Ion: 56 Resp: 22594  
Ion Ratio Lower Upper  
56 100  
69 171.6 25.0 37.4#  
84 146.4 64.6 96.8#

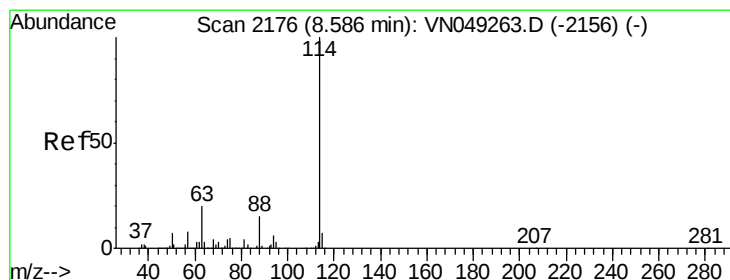
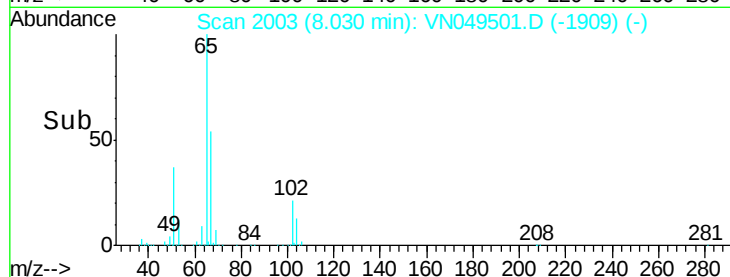
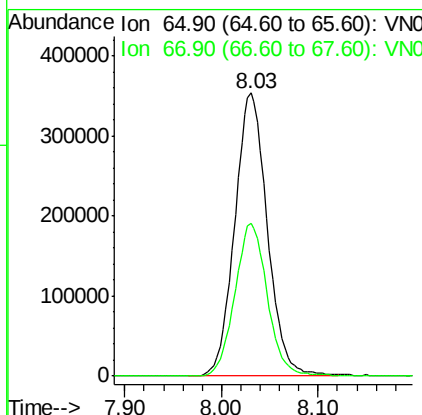
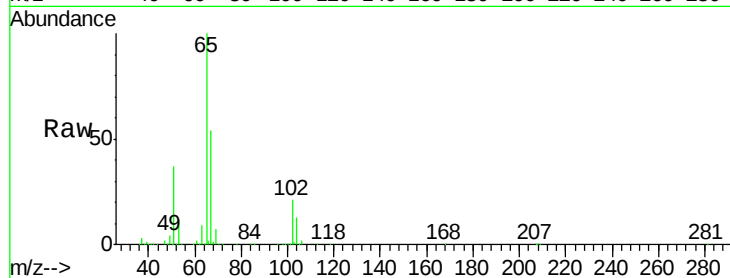




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.38 ug/l  
 RT: 8.03 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: VN049501.D  
 Acq: 22 Jun 2018 19:24

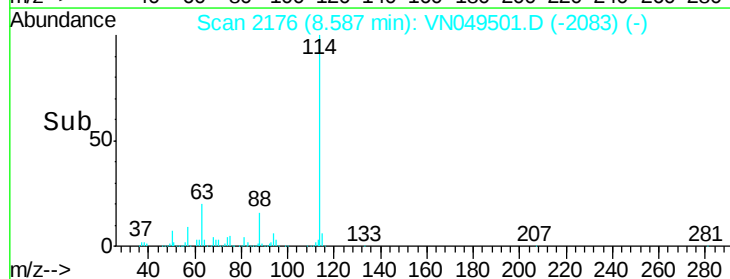
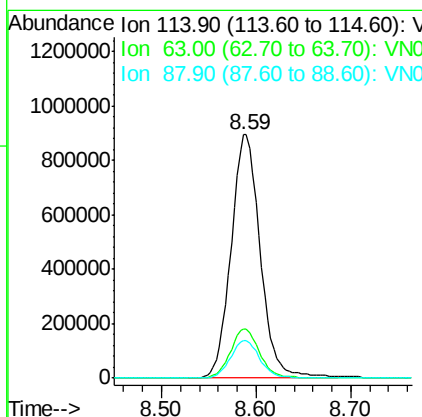
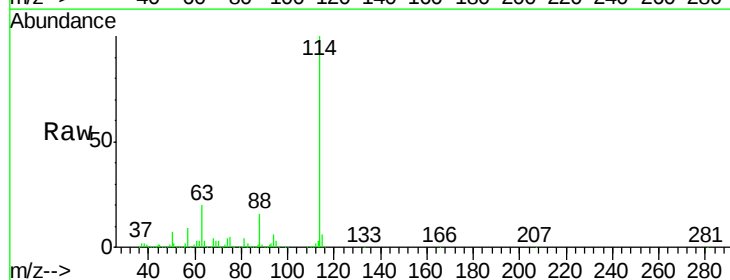
Instrument :  
 MSVOA\_N  
 ClientSampleId :

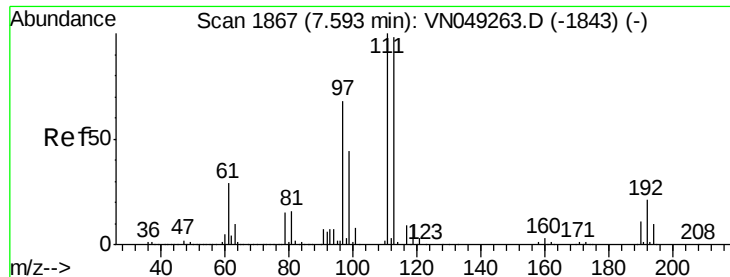
Tot Ion: 65 Resp: 827215  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VN049501.D  
 Acq: 22 Jun 2018 19:24

Tgt Ion: 114 Resp: 1917328  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 44.4  
 88 15.5 0.0 31.4

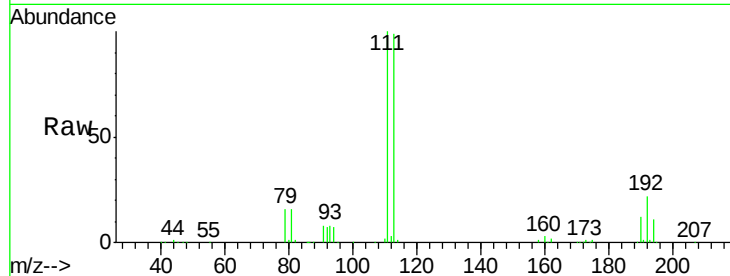




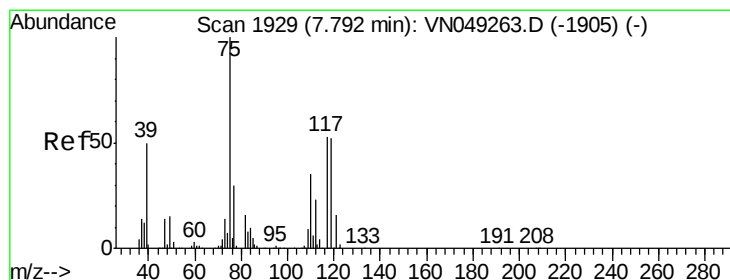
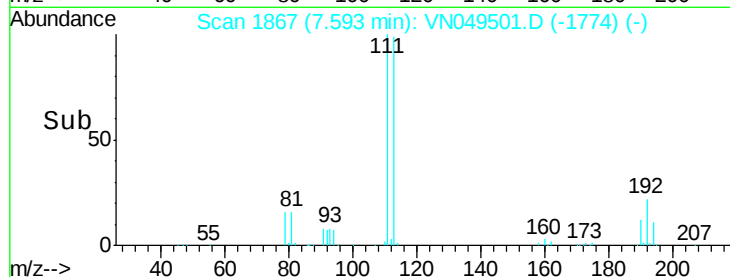
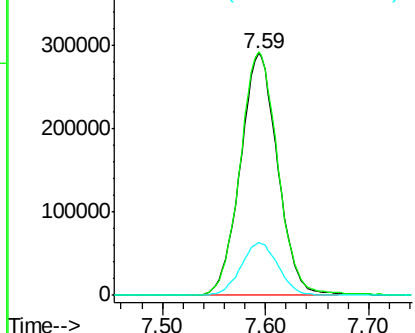
#35  
 Dibromofluoromethane  
 Concen: 46.92 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN049501.D  
 Acq: 22 Jun 2018 19:24

Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 82.4  | 123.6 |
| 192     | 21.9  | 15.0  | 22.6  |

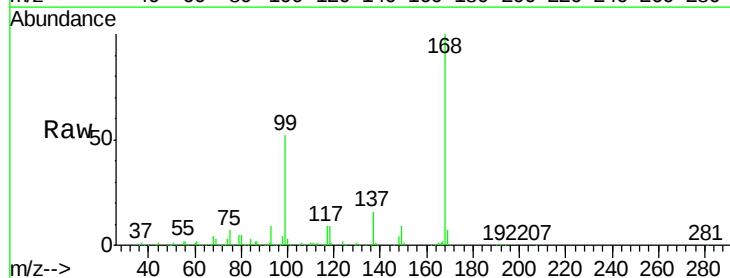


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

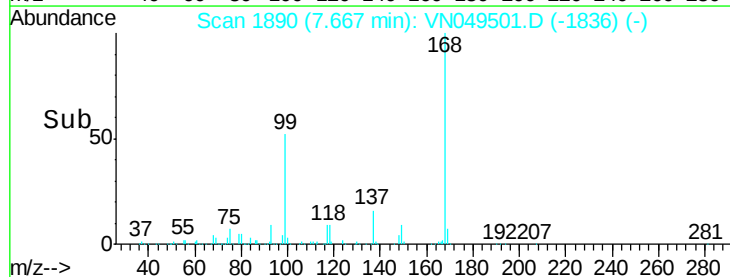
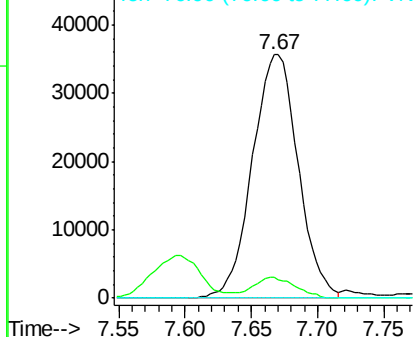


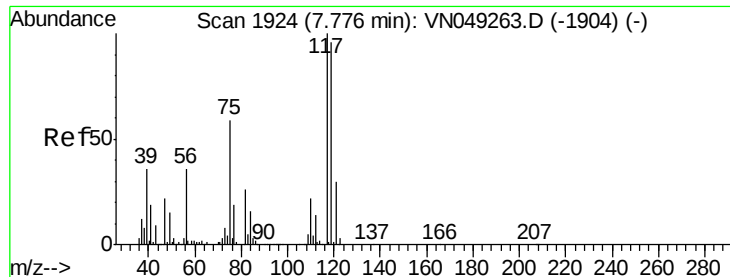
#36  
 1,1-Dichloropropene  
 Concen: 3.91 ug/l  
 RT: 7.67 min Scan# 1890  
 Delta R.T. -0.13 min  
 Lab File: VN049501.D  
 Acq: 22 Jun 2018 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 7.9   | 17.0  | 50.9# |
| 77      | 0.0   | 24.4  | 36.6# |



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





#38

Carbon Tetrachloride

Concen: 4.82 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

Instrument :

MSVOA\_N

ClientSampleId :

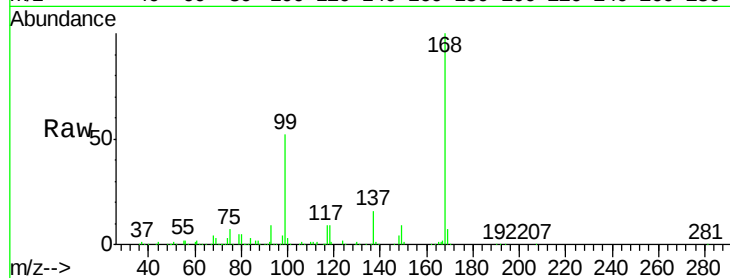
Tot Ion:117 Resp: 109567

Ion Ratio Lower Upper

117 100

119 6.0 75.6 113.4#

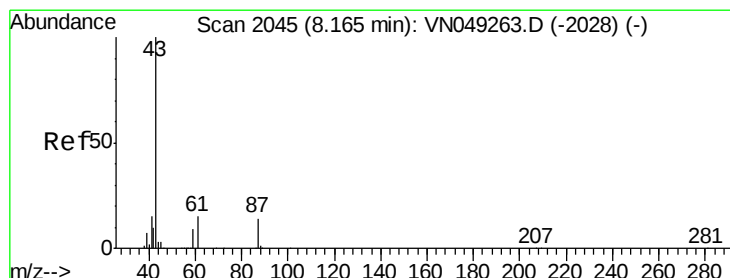
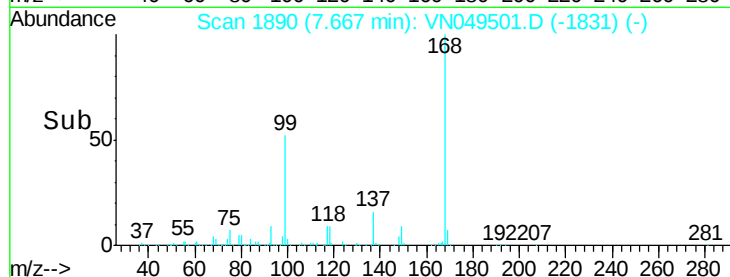
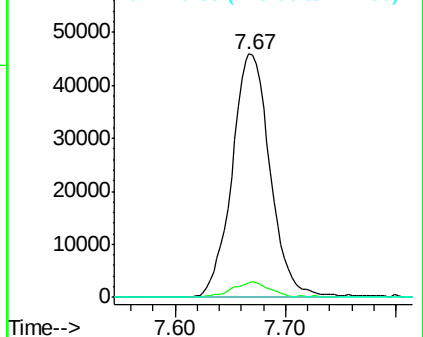
121 0.0 24.7 37.1#



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



#43

Isopropyl Acetate

Concen: 6.69 ug/l

RT: 8.23 min Scan# 2066

Delta R.T. 0.07 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

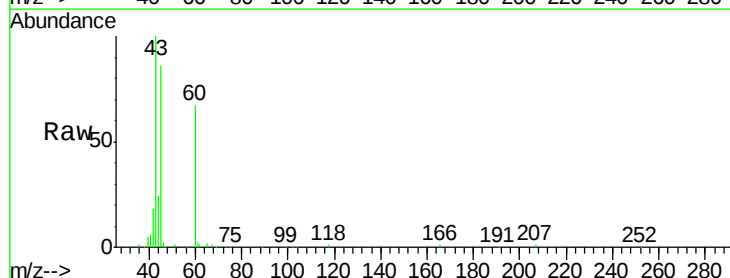
Tgt Ion: 43 Resp: 152625

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

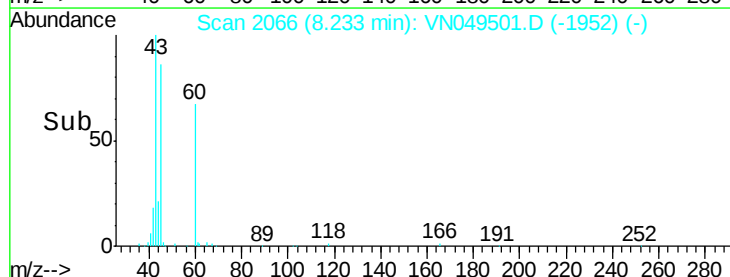
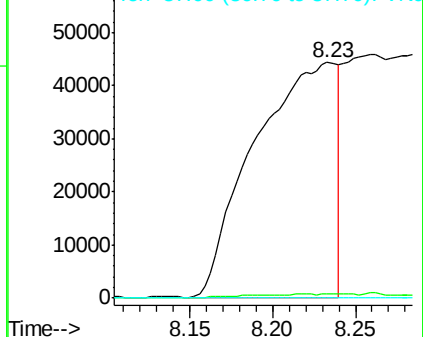
87 0.0 9.4 14.0#

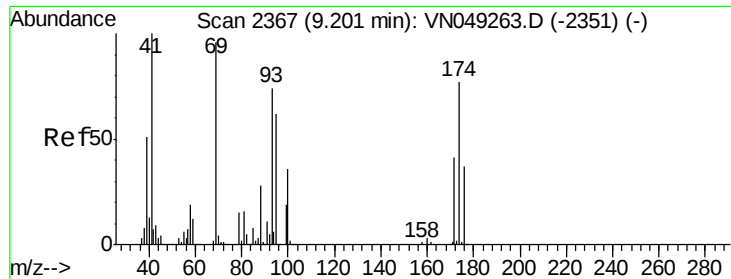


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

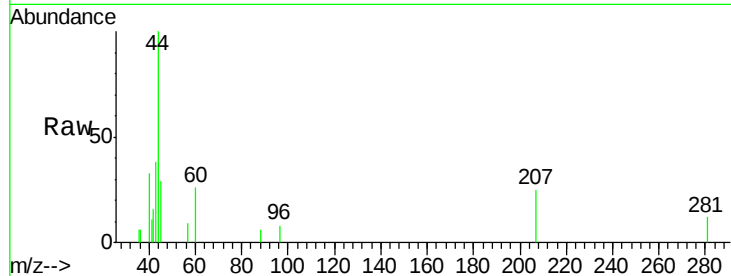




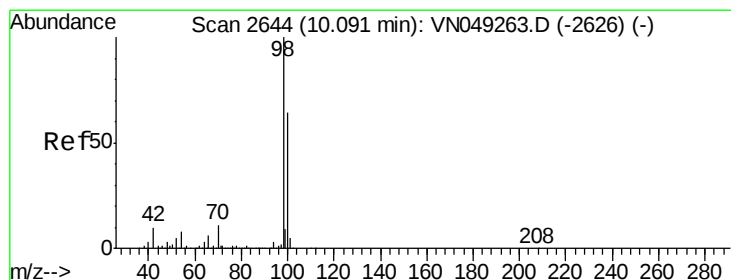
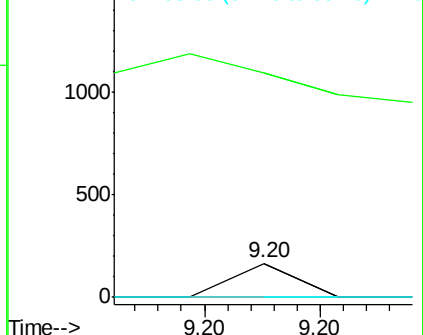
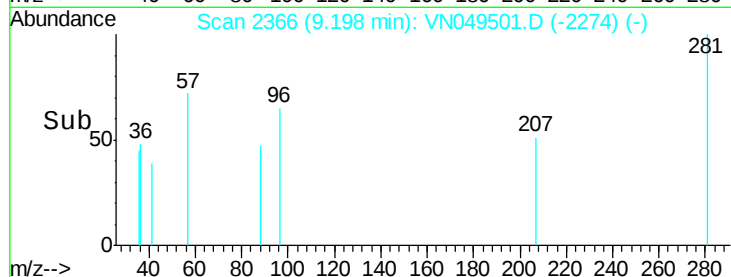
#49  
1,4-Dioxane  
Concen: 0.22 ug/l  
RT: 9.20 min Scan# 2366  
Delta R.T. -0.00 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 88 Resp: 32  
Ion Ratio Lower Upper  
88 100  
43 756.3 30.9 46.3#  
58 0.0 58.9 88.3#

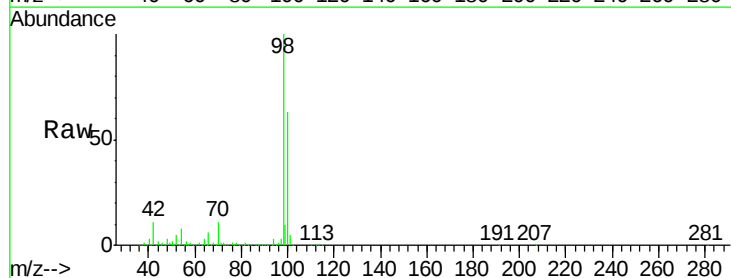


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

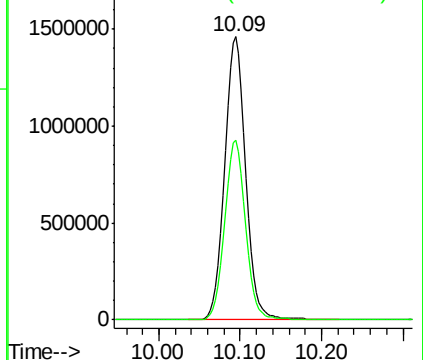
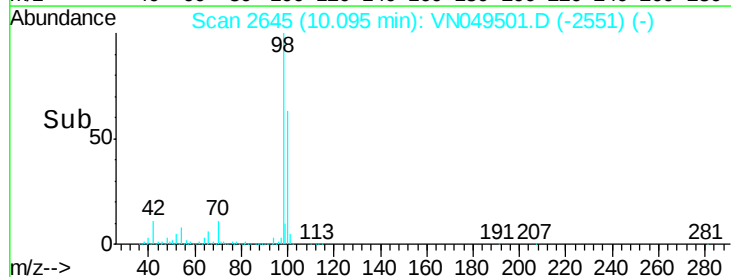


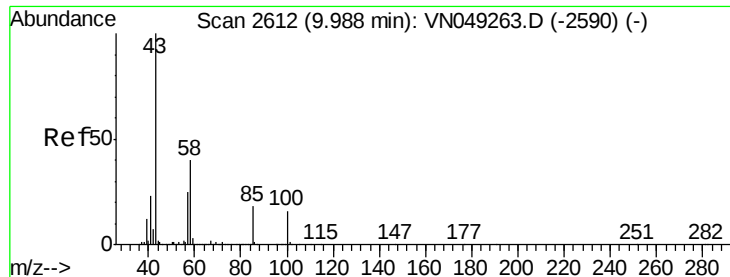
#50  
Toluene-d8  
Concen: 45.17 ug/l  
RT: 10.09 min Scan# 2645  
Delta R.T. 0.00 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

Tgt Ion: 98 Resp: 2668037  
Ion Ratio Lower Upper  
98 100  
100 63.3 49.8 74.8



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

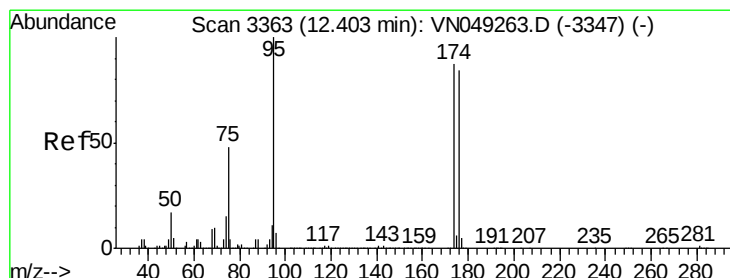
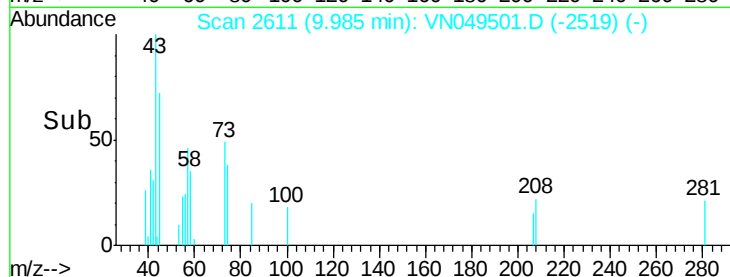
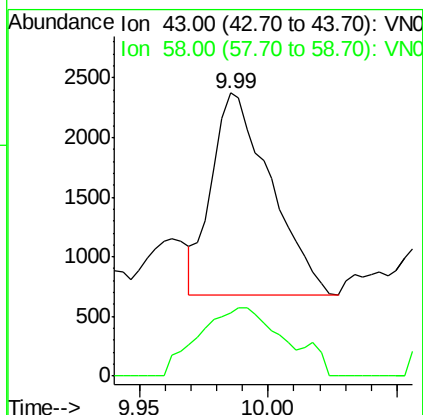
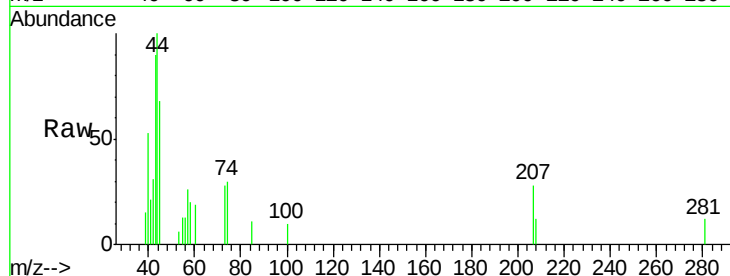




#51  
4-Methyl-2-Pentanone  
Concen: 0.22 ug/l  
RT: 9.99 min Scan# 2611  
Delta R.T. -0.00 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

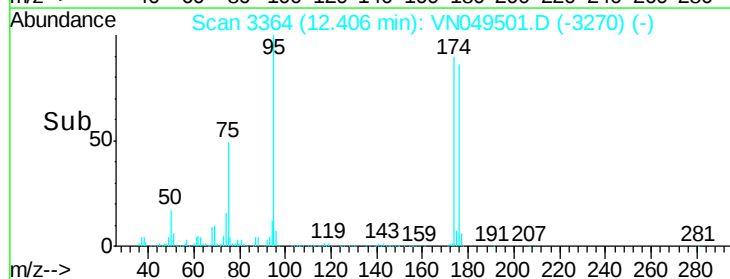
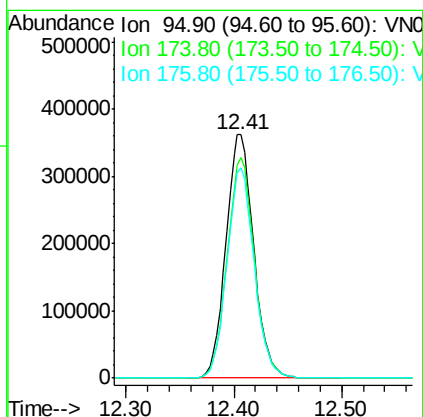
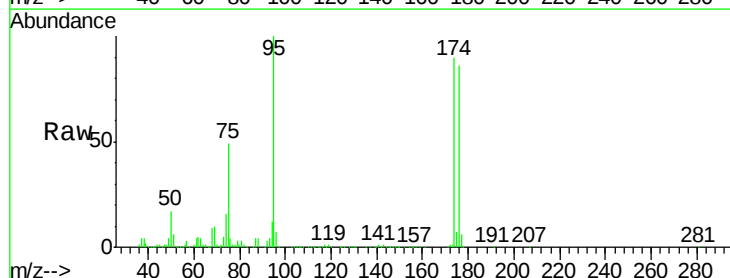
Instrument :  
MSVOA\_N  
ClientSampleId :

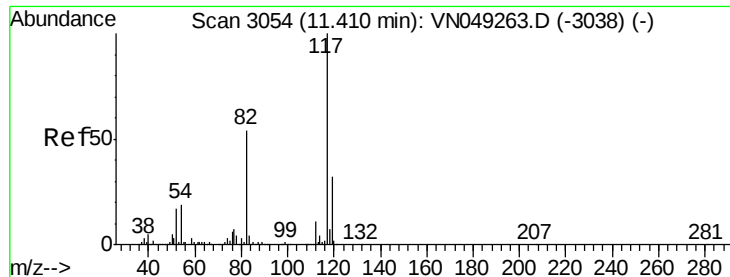
Tot Ion: 43 Resp: 2682  
Ion Ratio Lower Upper  
43 100  
58 49.8 29.0 43.6#



#62  
4-Bromofluorobenzene  
Concen: 33.19 ug/l  
RT: 12.41 min Scan# 3364  
Delta R.T. 0.00 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

Tgt Ion: 95 Resp: 648216  
Ion Ratio Lower Upper  
95 100  
174 89.1 0.0 165.6  
176 85.0 0.0 157.4

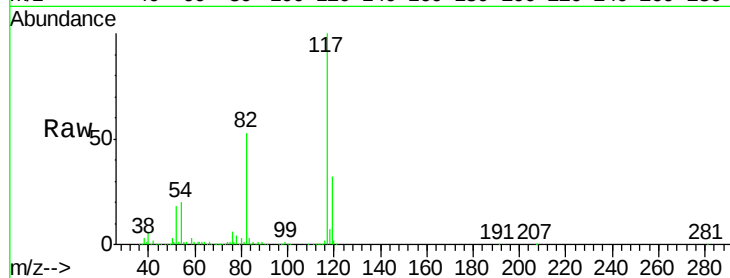




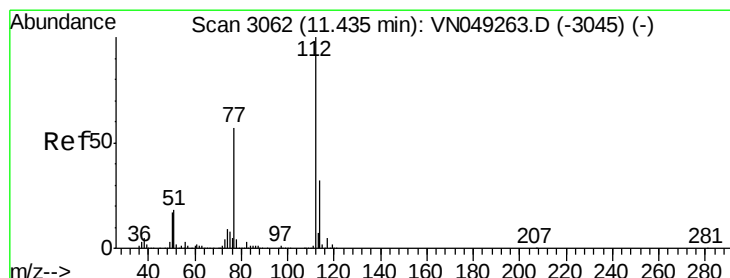
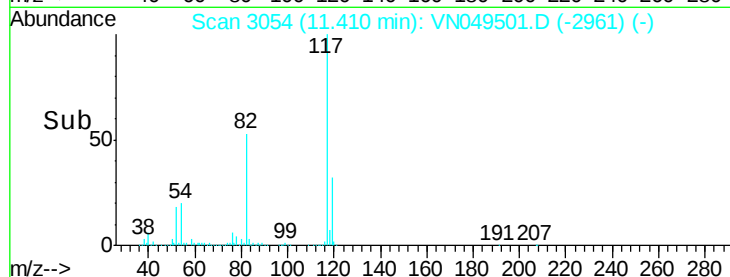
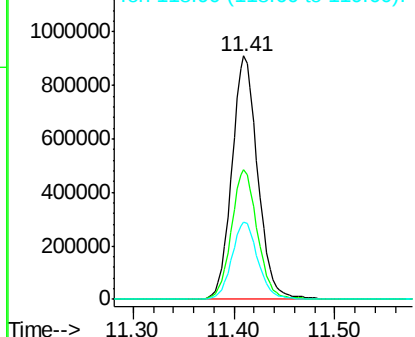
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 1620143  
Ion Ratio Lower Upper  
117 100  
82 53.3 45.9 68.9  
119 31.8 25.5 38.3

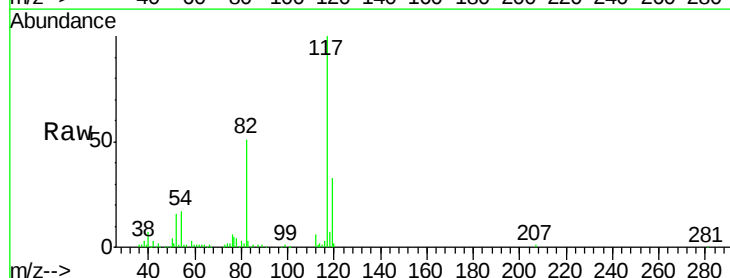


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

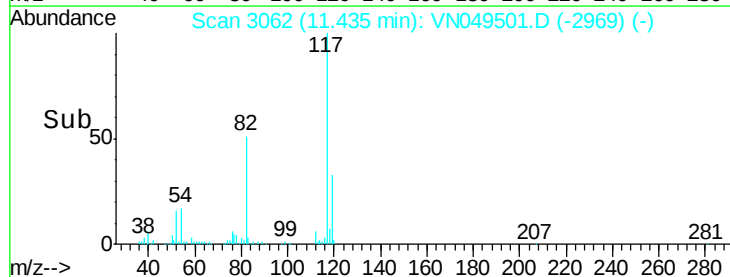
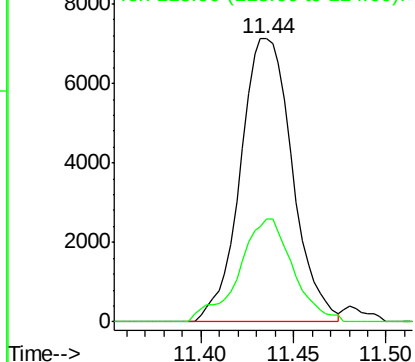


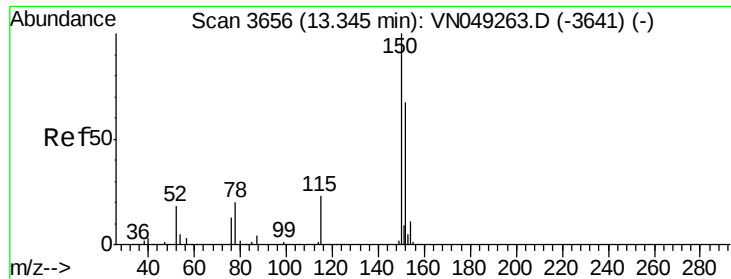
#65  
Chlorobenzene  
Concen: 0.33 ug/l  
RT: 11.44 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

Tgt Ion:112 Resp: 13848  
Ion Ratio Lower Upper  
112 100  
114 36.2 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V



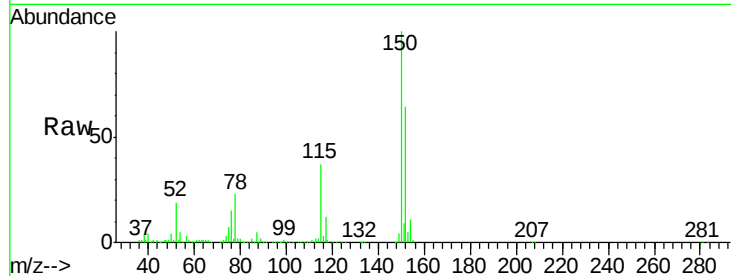


#72

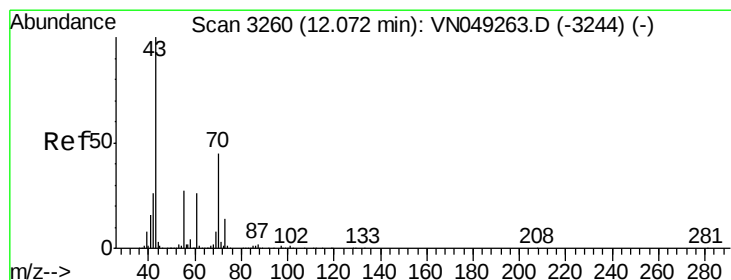
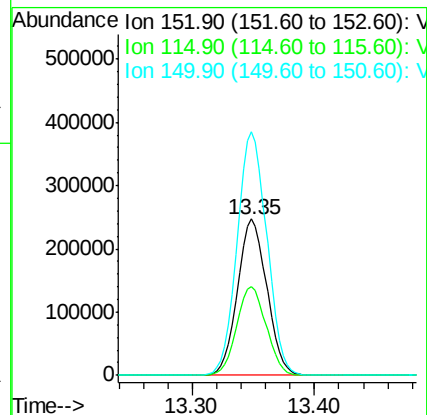
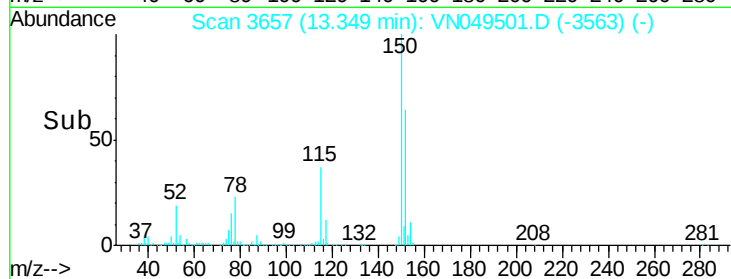
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.35 min Scan# 3657  
Delta R.T. 0.00 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:152 Resp: 413098  
Ion Ratio Lower Upper  
152 100  
115 56.9 28.7 86.1  
150 157.6 0.0 351.0



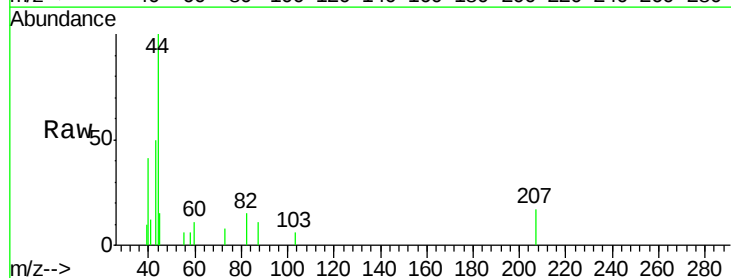
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



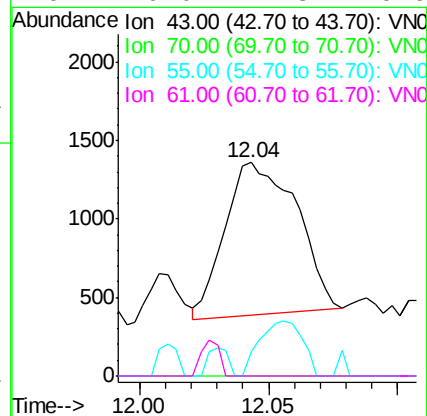
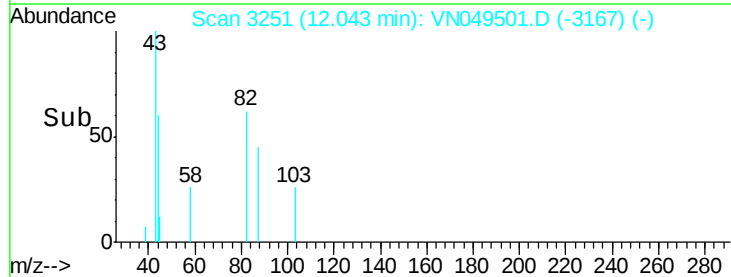
#74

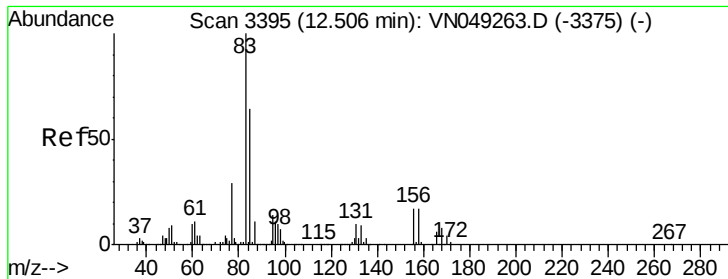
N-ethyl acetate  
Concen: 0.21 ug/l  
RT: 12.04 min Scan# 3251  
Delta R.T. -0.03 min  
Lab File: VN049501.D  
Acq: 22 Jun 2018 19:24

Tgt Ion: 43 Resp: 1883  
Ion Ratio Lower Upper  
43 100  
70 0.0 30.3 45.5#  
55 21.6 19.4 29.2  
61 0.0 17.8 26.6#



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.46 min Scan# 3381

Delta R.T. -0.04 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

Instrument :

MSVOA\_N

ClientSampled :

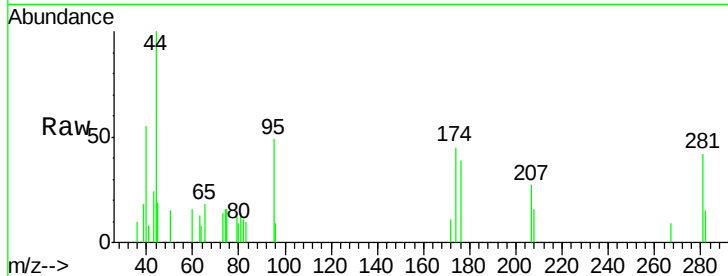
Tot Ion: 83 Resp: 76

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

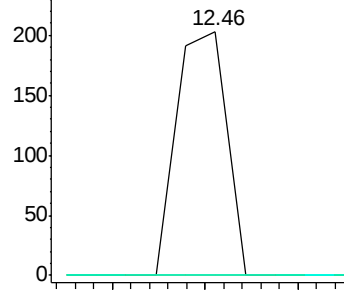
85 0.0 32.0 96.0#



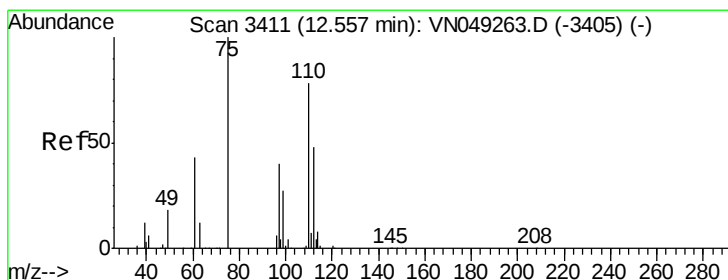
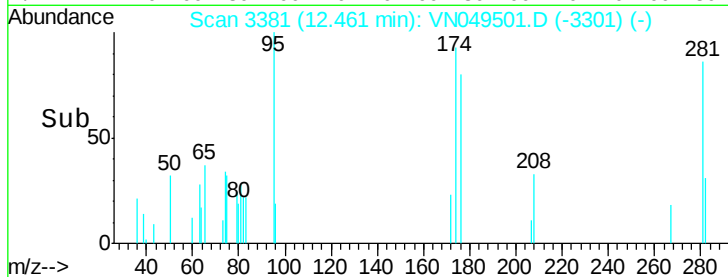
Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



Time-->



#76

1,2,3-Trichloropropane

Concen: 44.23 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049501.D

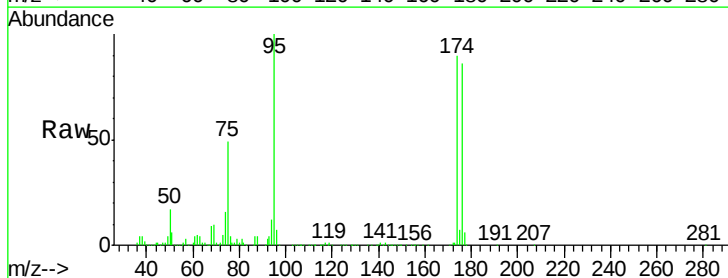
Acq: 22 Jun 2018 19:24

Tgt Ion: 75 Resp: 311738

Ion Ratio Lower Upper

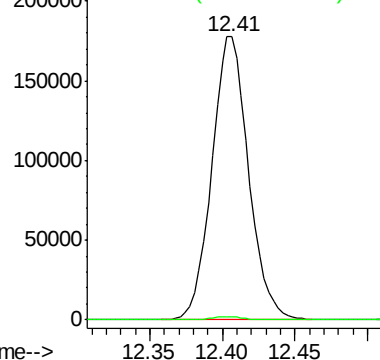
75 100

77 1.1 0.0 0.0#

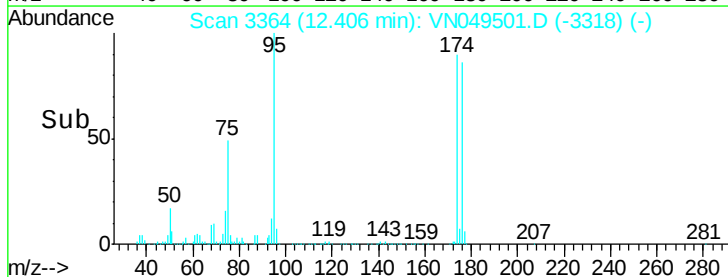


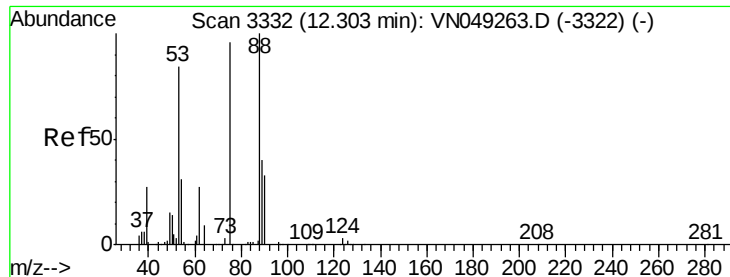
Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 139.78 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

Instrument :

MSVOA\_N

ClientSampleId :

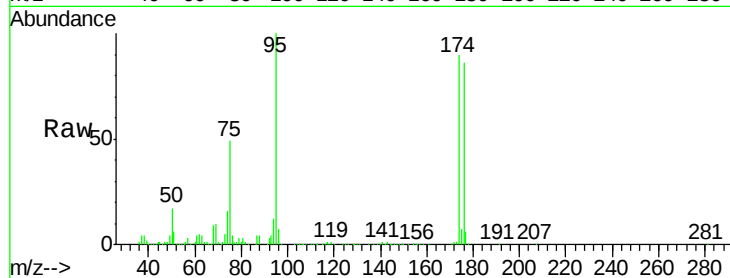
Tot Ion: 75 Resp: 311738

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

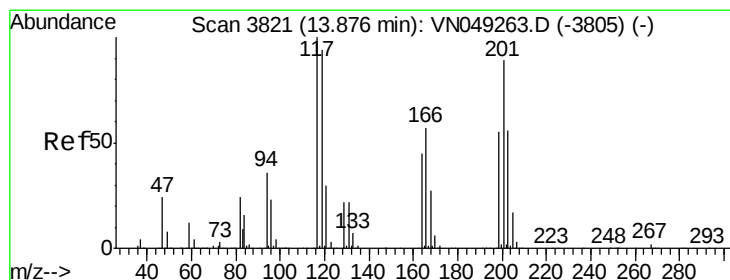
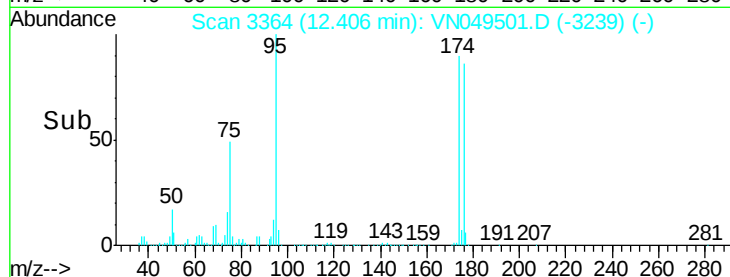
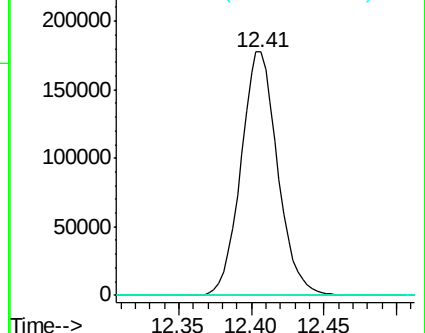
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049501.D (-3364) (-)

Ion 53.00 (52.70 to 53.70): VN049501.D (-3364) (-)

Ion 88.90 (88.60 to 89.60): VN049501.D (-3364) (-)



#90

Hexachloroethane

Concen: Below Cal

RT: 13.61 min Scan# 3737

Delta R.T. -0.27 min

Lab File: VN049501.D

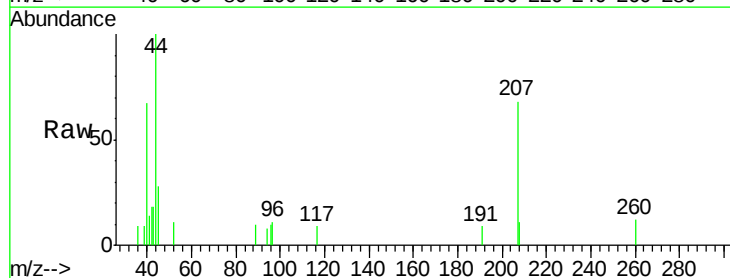
Acq: 22 Jun 2018 19:24

Tgt Ion: 117 Resp: 66

Ion Ratio Lower Upper

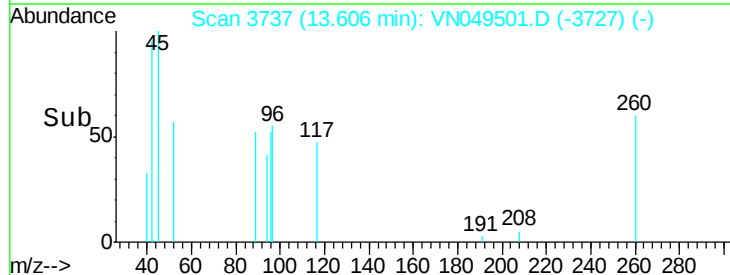
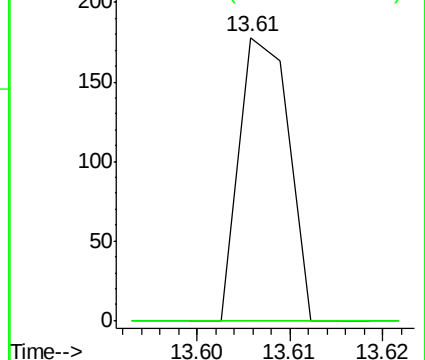
117 100

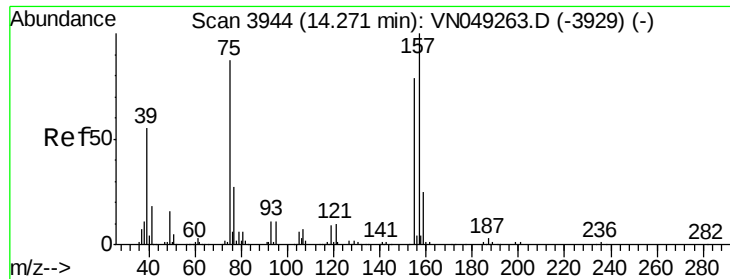
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): VN049501.D (-3737) (-)

Ion 200.70 (200.40 to 201.40): VN049501.D (-3737) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.33 ug/l

RT: 14.26 min Scan# 3942

Delta R.T. -0.01 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

Instrument :

MSVOA\_N

ClientSampled :

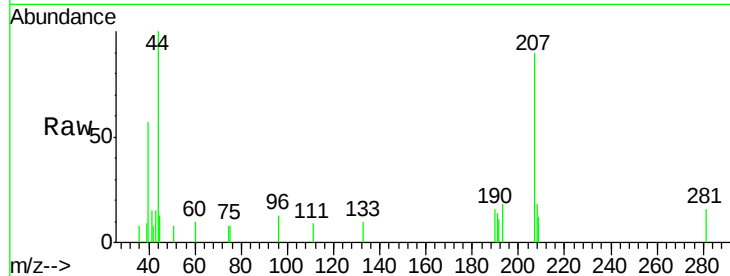
Tot Ion: 75 Resp: 420

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 0.0 51.0 153.1#



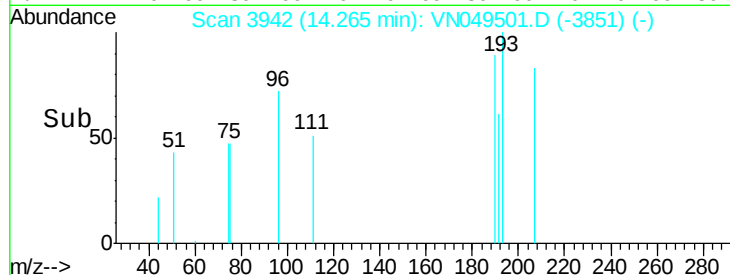
Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3929) (-)

Ion 154.80 (154.50 to 155.50): VN049263.D (-3929) (-)

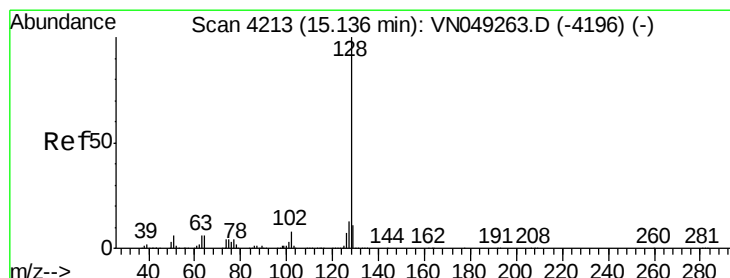
Ion 156.80 (156.50 to 157.50): VN049263.D (-3929) (-)

14.26

Time-->



Time-->



#95

Naphthalene

Concen: 2.12 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

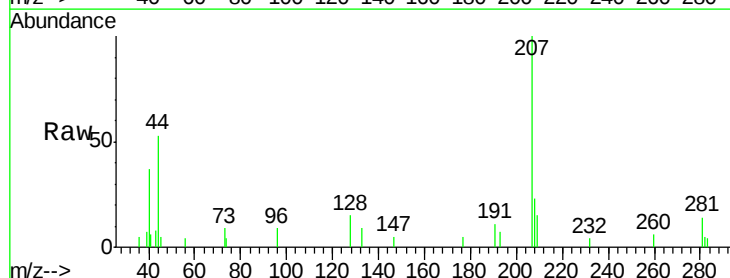
Tgt Ion: 128 Resp: 485

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.5 12.7#



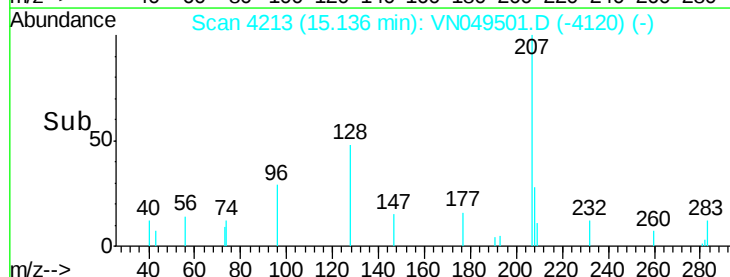
Abundance Ion 128.00 (127.70 to 128.70): VN049263.D (-4196) (-)

Ion 127.00 (126.70 to 127.70): VN049263.D (-4196) (-)

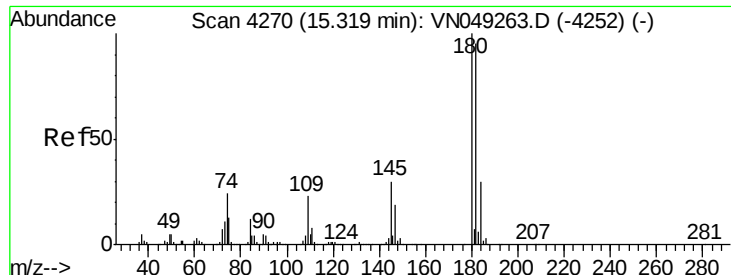
Ion 129.00 (128.70 to 129.70): VN049263.D (-4196) (-)

15.14

Time-->



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 3.46 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.01 min

Lab File: VN049501.D

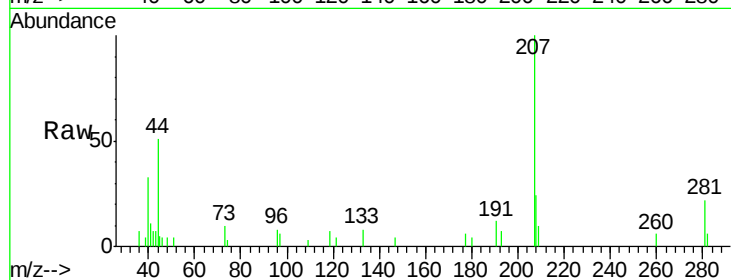
Acq: 22 Jun 2018 19:24

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 180   | Resp: | 32     |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 206.3 | 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

