

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\  
 Data File : VN053187.D  
 Acq On : 24 Dec 2018 16:06  
 Operator : MD\SY  
 Sample : J6511-12  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 17 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SB-57(0-5)-GRAB

Quant Time: Dec 24 22:30:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 18 13:03:37 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1256859  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1962889  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1667665  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 619173   | 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   | 637492   | 49.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.96%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 550549   | 61.40 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 122.80% |          |
| 50) Toluene-d8              | 10.09 | 98   | 2346805  | 48.75 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.50%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 721247   | 42.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.36%  |          |

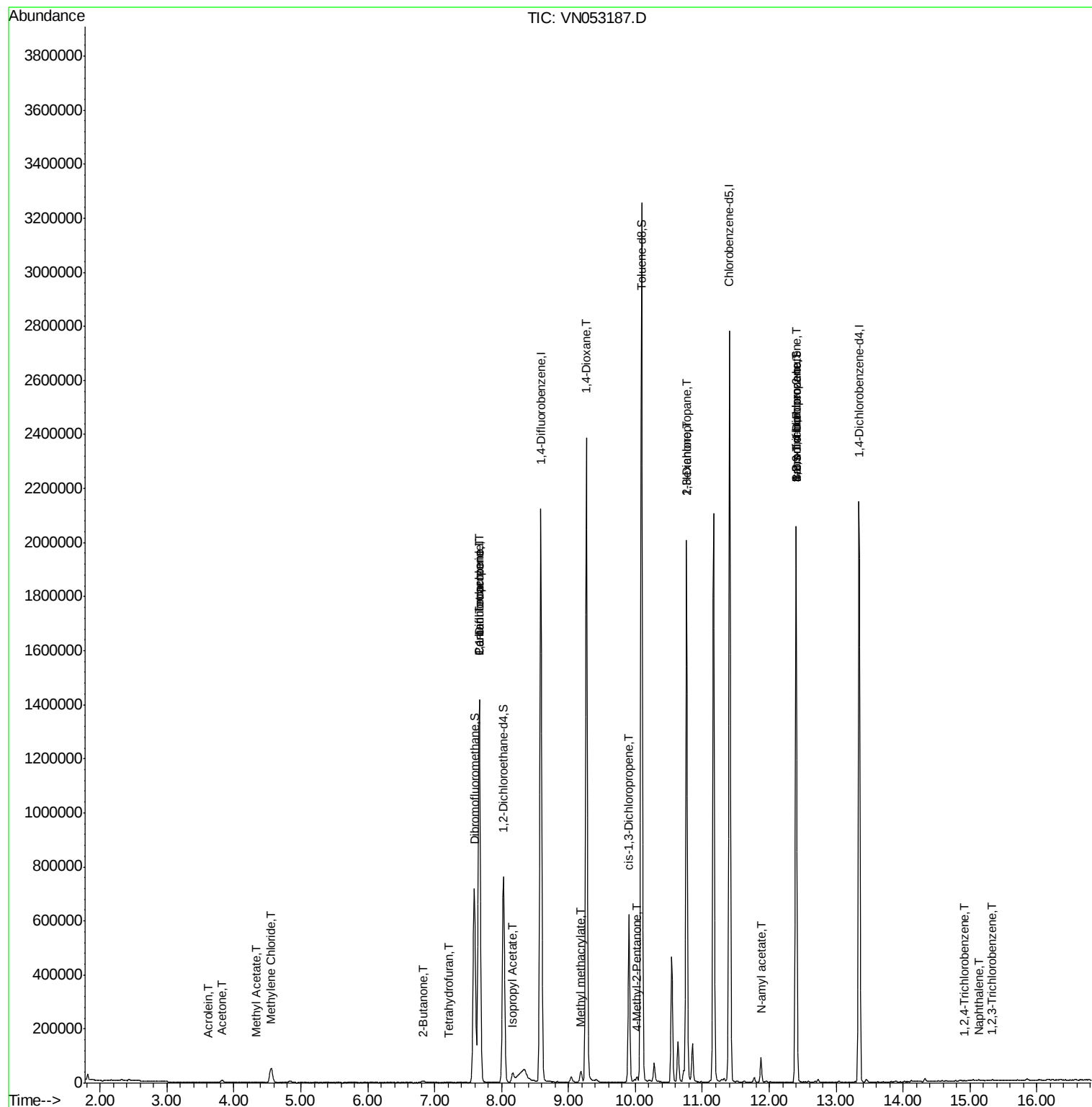
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 13) Acrolein                   | 3.61  | 56   | 237      | 0.336     | ug/l # | 52     |
| 16) Acetone                    | 3.82  | 43   | 18147    | 7.256     | ug/l   | 99     |
| 18) Methyl Acetate             | 4.33  | 43   | 5330     | 1.452     | ug/l # | 75     |
| 20) Methylene Chloride         | 4.55  | 84   | 42735    | 3.133     | ug/l   | 94     |
| 25) 2-Butanone                 | 6.83  | 43   | 1437     | 0.342     | ug/l # | 49     |
| 29) Tetrahydrofuran            | 7.21  | 42   | 706      | 0.225     | ug/l # | 59     |
| 31) Cyclohexane                | 7.67  | 56   | 19224    | Below Cal | #      | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 81685    | 4.336     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 107358   | 6.217     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 47180    | 1.301     | ug/l # | 87     |
| 48) Methyl methacrylate        | 9.18  | 41   | 14730    | 1.443     | ug/l # | 12     |
| 49) 1,4-Dioxane                | 9.26  | 88   | 71       | 0.550     | ug/l # | 22     |
| 51) 4-Methyl-2-Pentanone       | 10.02 | 43   | 16771    | 1.647     | ug/l # | 35     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 115405   | 5.290     | ug/l # | 60     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 20678    | 0.995     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.76 | 43   | 280539   | 40.709    | ug/l # | 51     |
| 71) Bromoform                  | 12.40 | 173  | 4223     | 0.455     | ug/l # | 1      |
| 74) N-amyl acetate             | 11.88 | 43   | 27349    | 2.033     | ug/l # | 51     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 337564   | 32.386    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 337564   | 104.384   | ug/l # | 12     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 399      | 0.632     | ug/l # | 87     |
| 95) Naphthalene                | 15.14 | 128  | 3162     | 1.274     | ug/l # | 86     |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 385      | 0.546     | ug/l # | 68     |

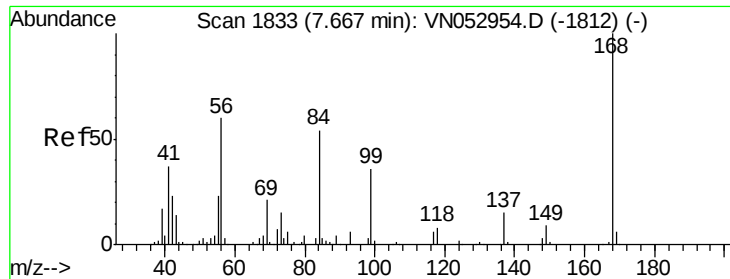
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 18 13:03:37 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

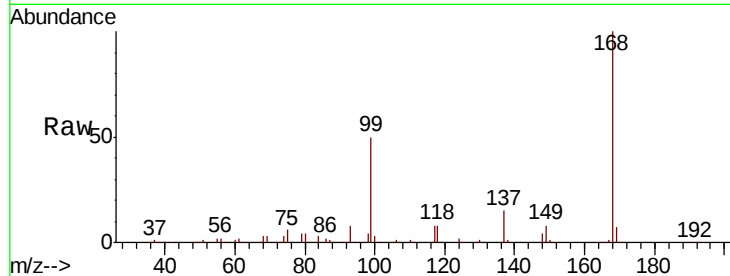
SB-57(0-5)-GRAB

Tot Ion:168 Resp: 1256859

Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

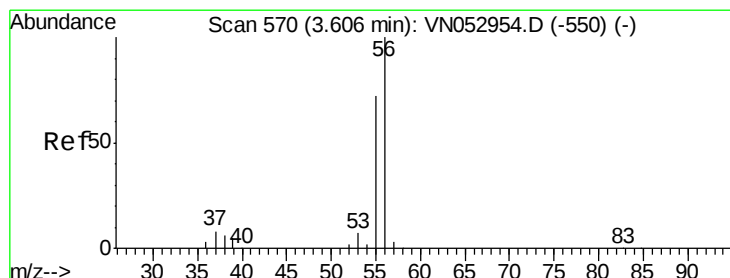
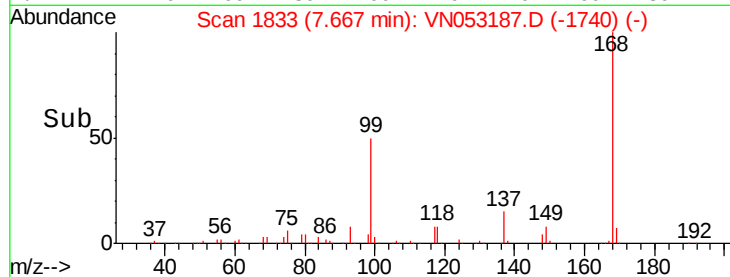
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.336 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053187.D

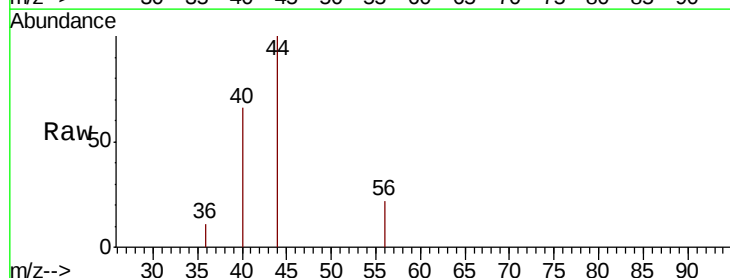
Acq: 24 Dec 2018 16:06

Tgt Ion: 56 Resp: 237

Ion Ratio Lower Upper

56 100

55 31.2 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.61

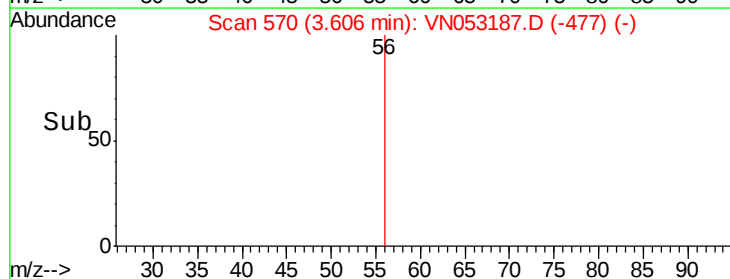
300

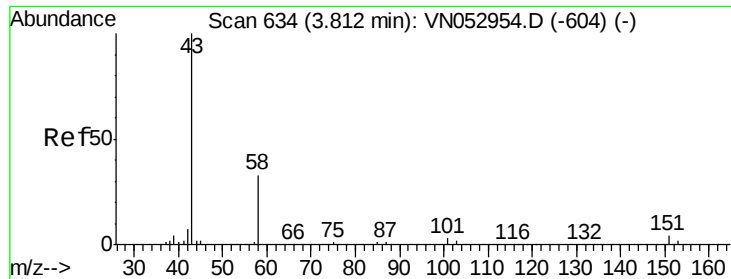
200

100

0

Time-->





#16

Acetone

Concen: 7.256 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

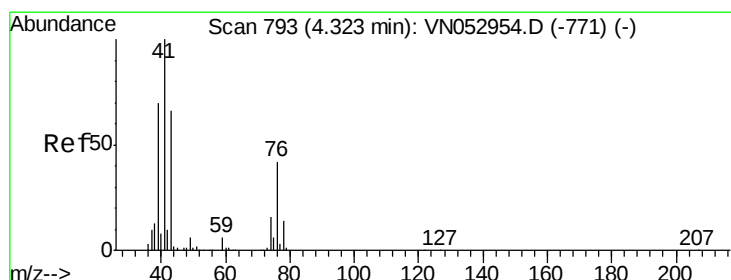
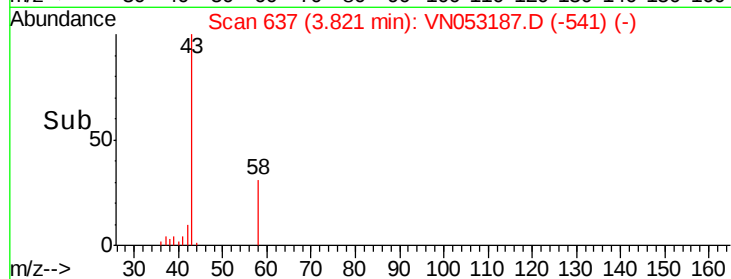
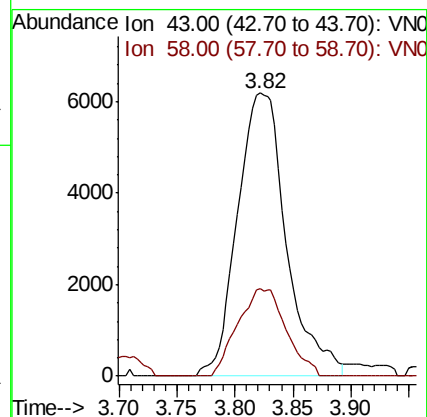
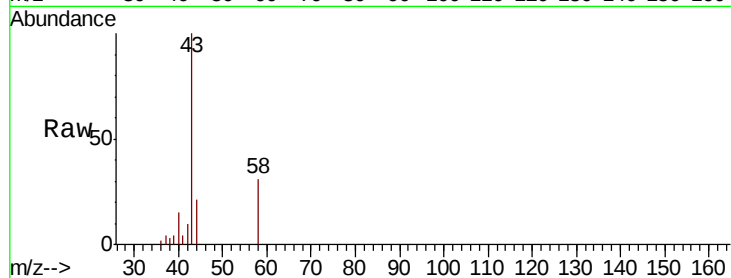
SB-57(0-5)-GRAB

Tot Ion: 43 Resp: 18147

Ion Ratio Lower Upper

43 100

58 31.0 25.4 38.0



#18

Methyl Acetate

Concen: 1.452 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053187.D

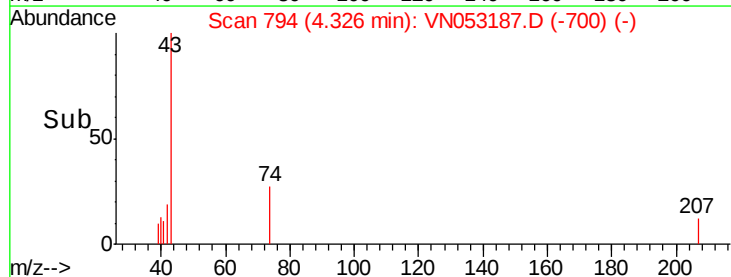
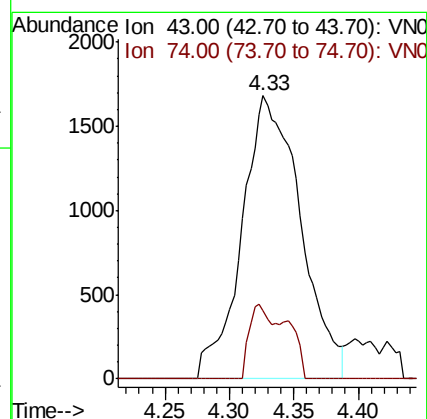
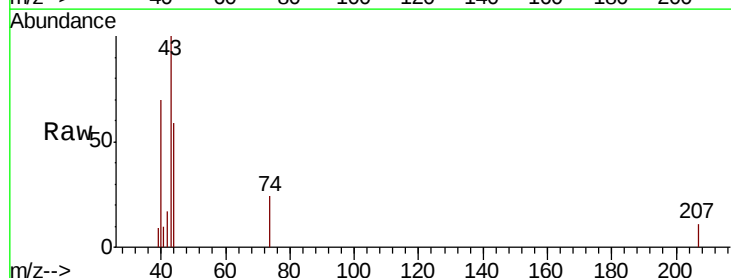
Acq: 24 Dec 2018 16:06

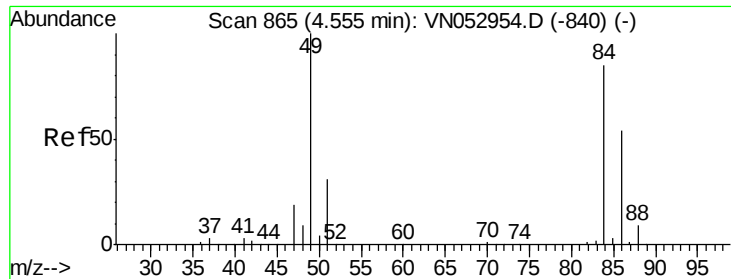
Tgt Ion: 43 Resp: 5330

Ion Ratio Lower Upper

43 100

74 11.4 19.2 28.8#

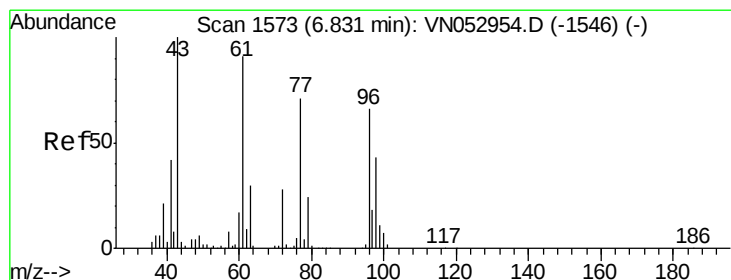
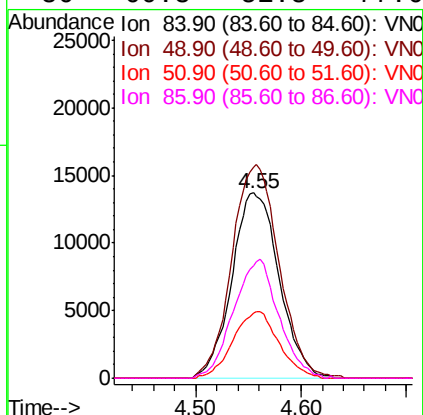
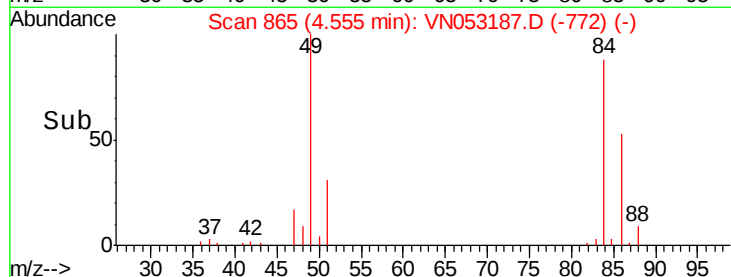
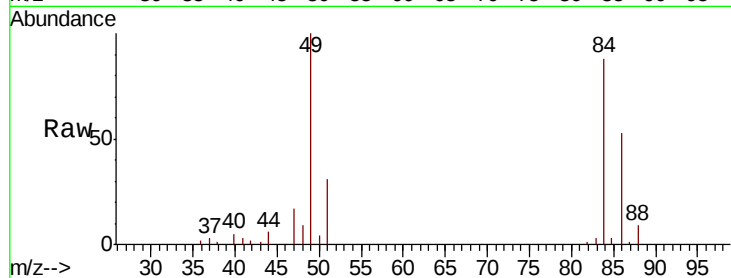




#20  
Methvlene Chloride  
Concen: 3.133 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: VN053187.D  
Acq: 24 Dec 2018 16:06

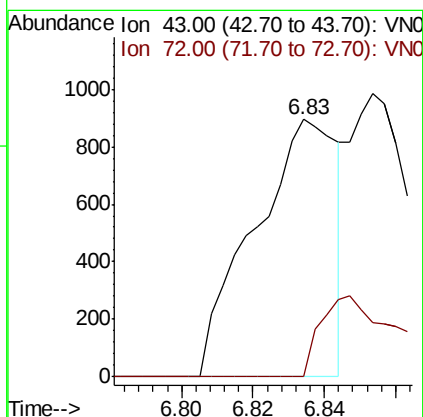
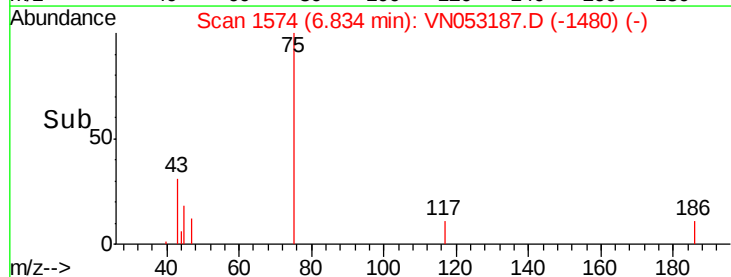
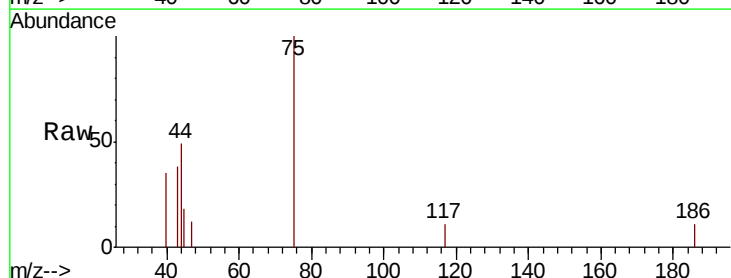
Instrument :  
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SB-57(0-5)-GRAB

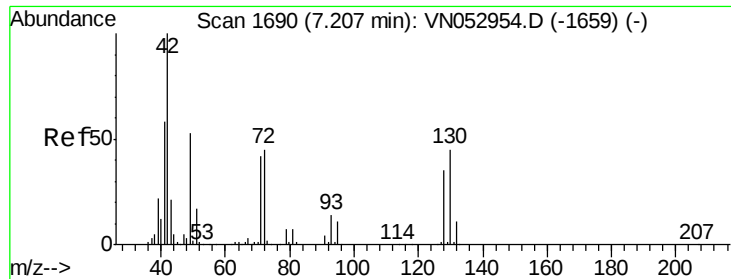
Tot Ion: 84 Resp: 42735  
Ion Ratio Lower Upper  
84 100  
49 114.0 96.8 145.2  
51 34.9 29.9 44.9  
86 60.8 51.8 77.6



#25  
2-Butanone  
Concen: 0.342 ug/l  
RT: 6.83 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VN053187.D  
Acq: 24 Dec 2018 16:06

Tgt Ion: 43 Resp: 1437  
Ion Ratio Lower Upper  
43 100  
72 0.0 21.0 31.6#

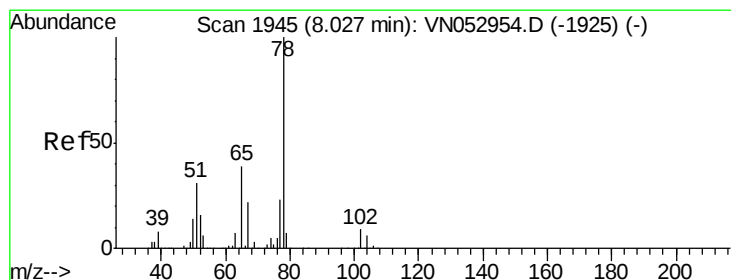
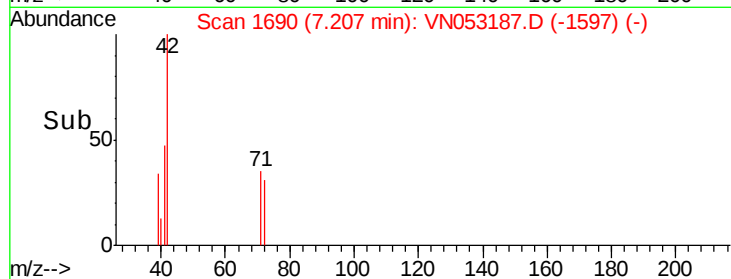
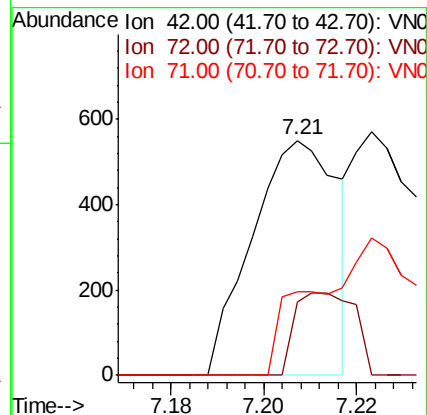
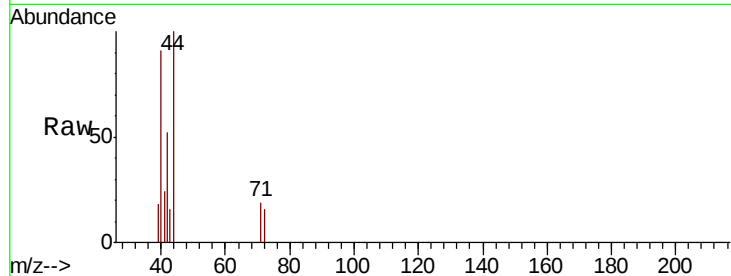




#29  
Tetrahydrofuran  
Concen: 0.225 ug/l  
RT: 7.21 min Scan# 1690  
Delta R.T. -0.00 min  
Lab File: VN053187.D  
Acq: 24 Dec 2018 16:06

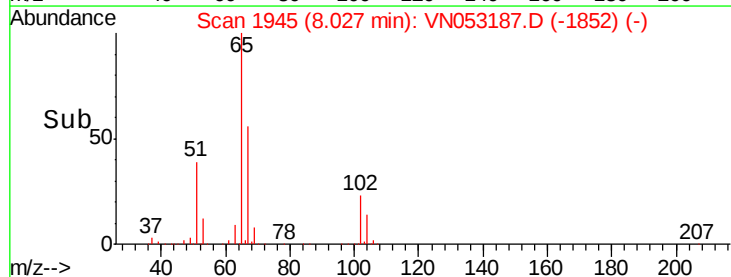
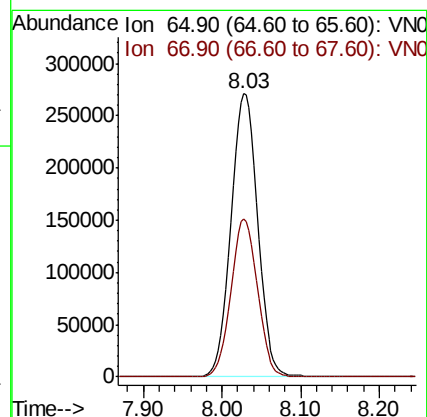
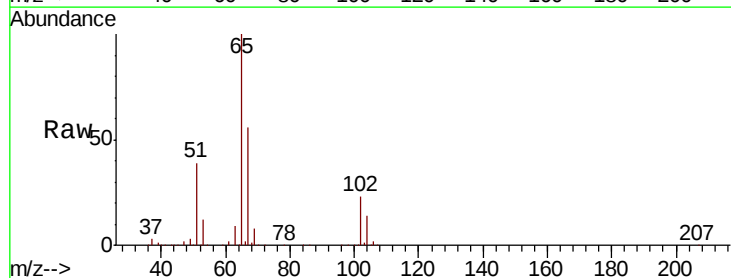
Instrument :  
MSVOA\_N  
ClientSampleId :  
SB-57(0-5)-GRAB

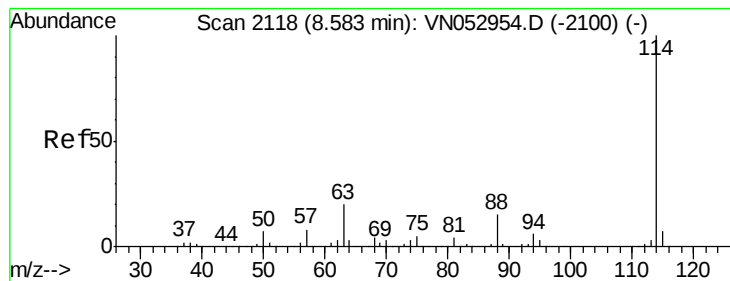
Tot Ion: 42 Resp: 706  
Ion Ratio Lower Upper  
42 100  
72 24.5 34.7 52.1#  
71 73.2 32.3 48.5#



#33  
1,2-Dichloroethane-d4  
Concen: N.D. ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. -0.00 min  
Lab File: VN053187.D  
Acq: 24 Dec 2018 16:06

Tgt Ion: 65 Resp: 637492  
Ion Ratio Lower Upper  
65 100  
67 55.3 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

SB-57(0-5)-GRAB

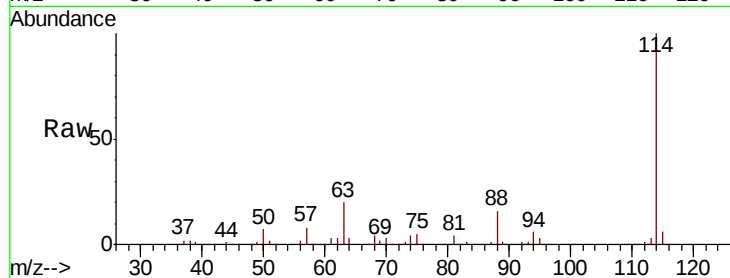
Tot Ion:114 Resp: 1962889

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

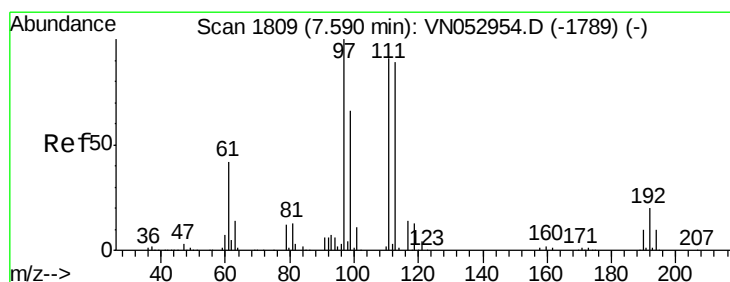
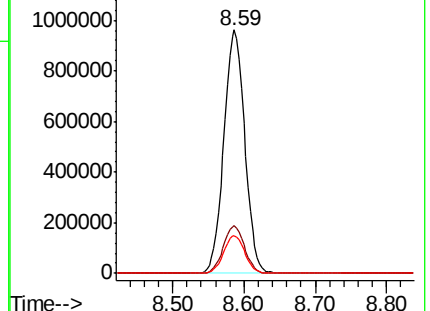
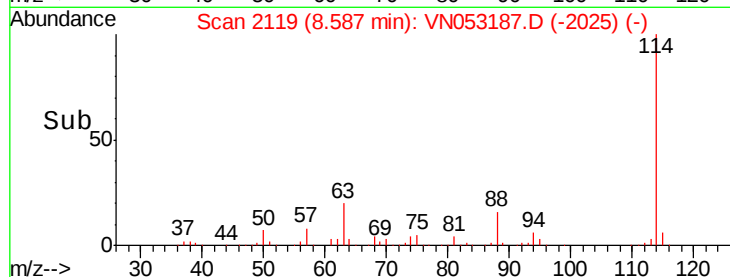
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

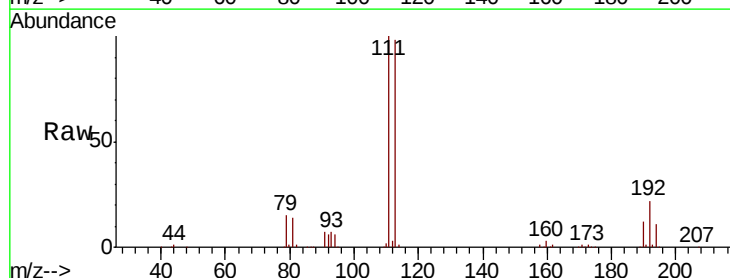
Tgt Ion:113 Resp: 550549

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.4

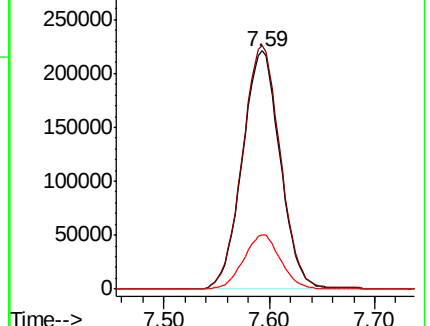
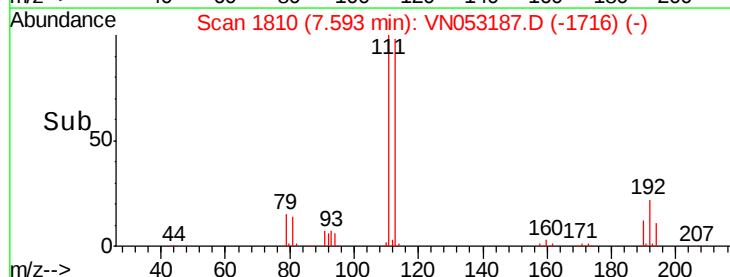
192 22.4 17.5 26.3

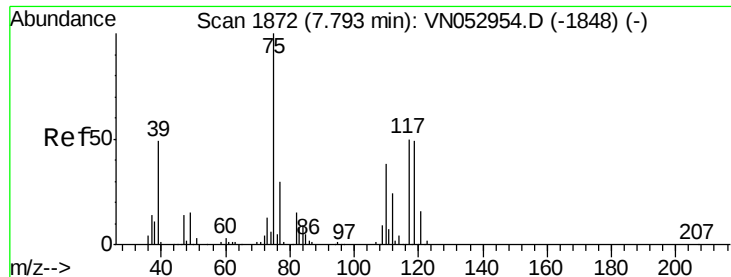


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

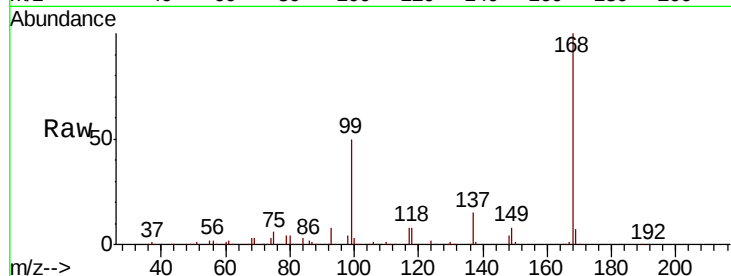




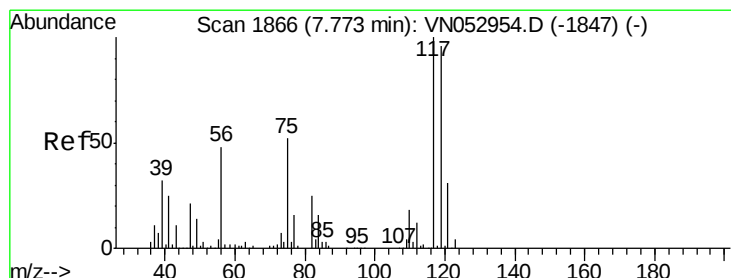
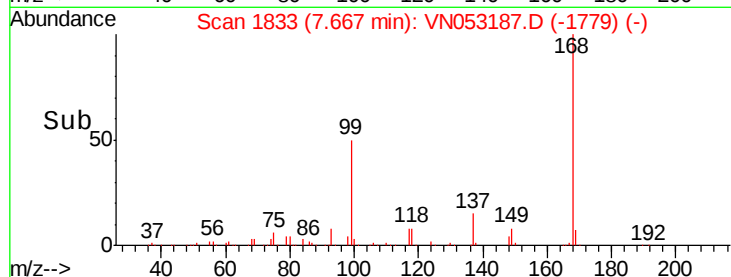
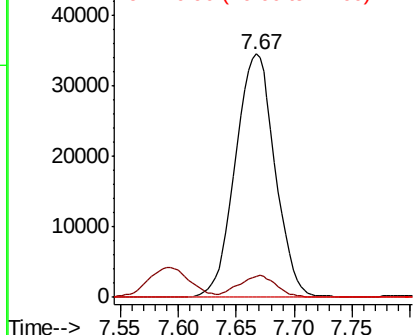
#36  
 1,1-Dichloropropene  
 Concen: 4.336 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.13 min  
 Lab File: VN053187.D  
 Acq: 24 Dec 2018 16:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SB-57(0-5)-GRAB

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.4   | 18.2  | 54.6# |
| 77      | 0.0   | 24.9  | 37.3# |

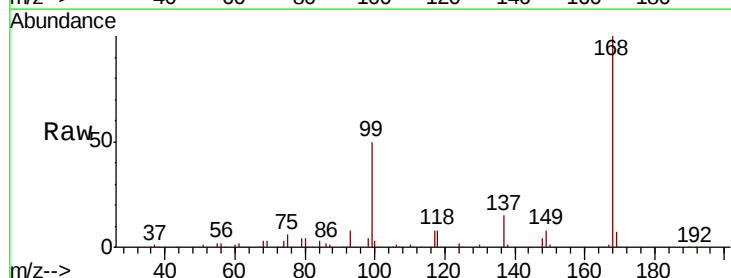


Abundance Ion 74.90 (74.60 to 75.60): VN0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VN0

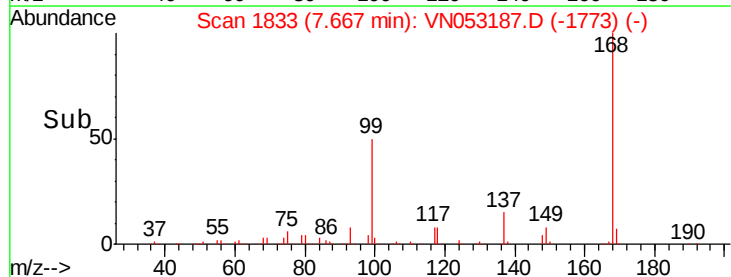
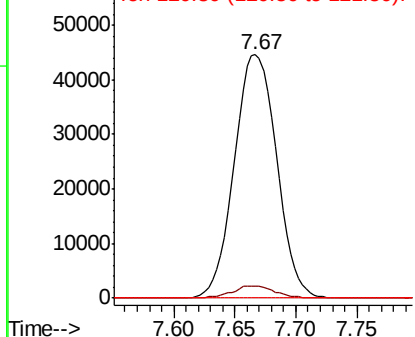


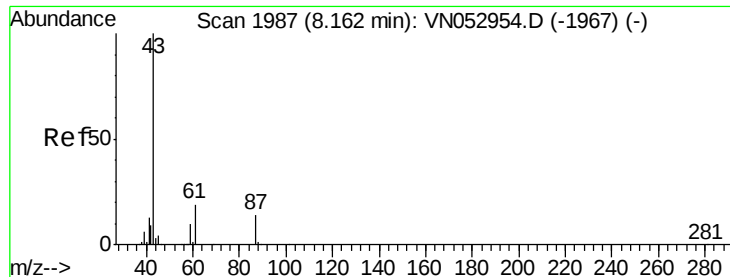
#38  
 Carbon Tetrachloride  
 Concen: 6.217 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.11 min  
 Lab File: VN053187.D  
 Acq: 24 Dec 2018 16:06

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 4.9   | 77.1  | 115.7# |
| 121     | 0.0   | 24.9  | 37.3#  |



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: 1.301 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

SB-57(0-5)-GRAB

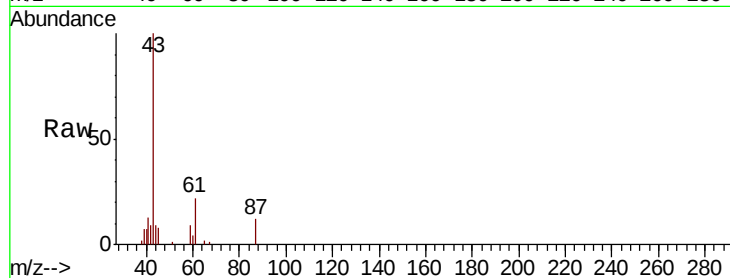
Tot Ion: 43 Resp: 47180

Ion Ratio Lower Upper

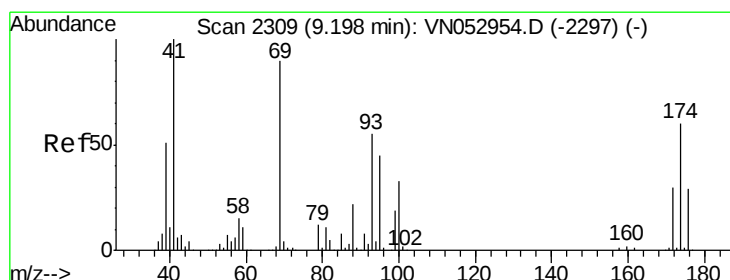
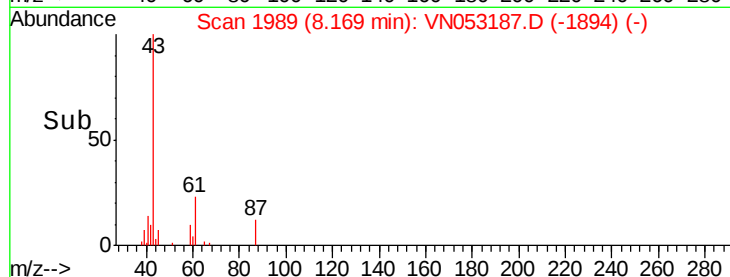
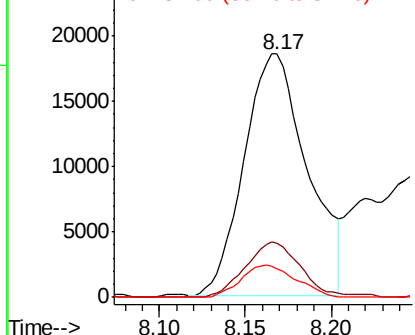
43 100

61 19.8 22.9 34.3#

87 11.5 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VNC  
Ion 61.00 (60.70 to 61.70): VNC  
Ion 87.00 (86.70 to 87.70): VNC



#48

Methyl methacrylate

Concen: 1.443 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

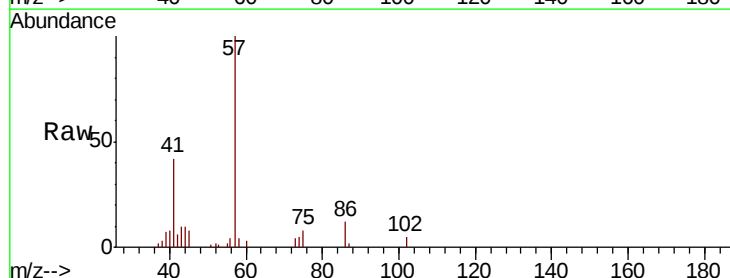
Tgt Ion: 41 Resp: 14730

Ion Ratio Lower Upper

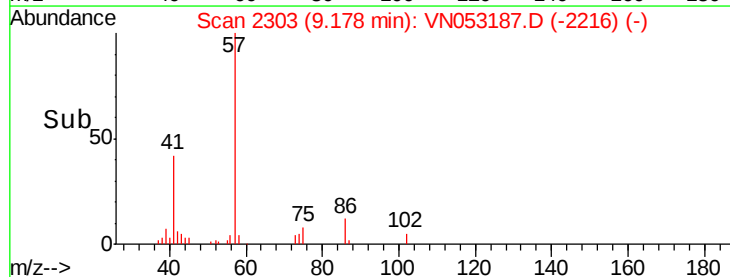
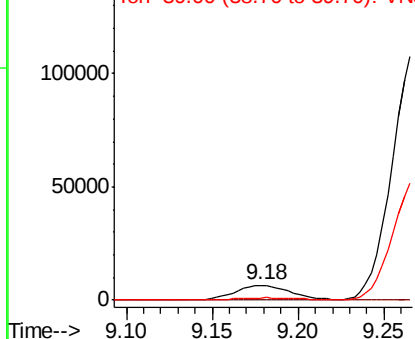
41 100

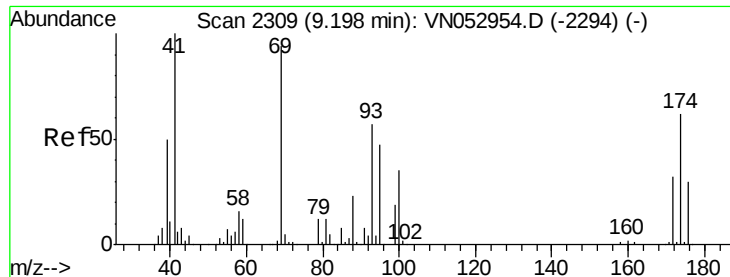
69 0.0 72.2 108.2#

39 0.0 41.9 62.9#



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

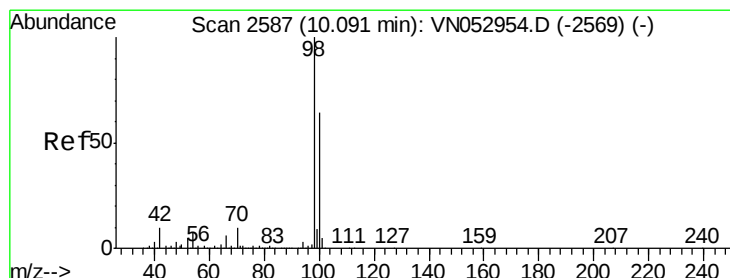
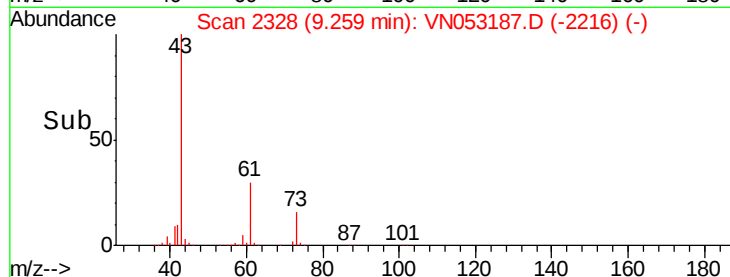
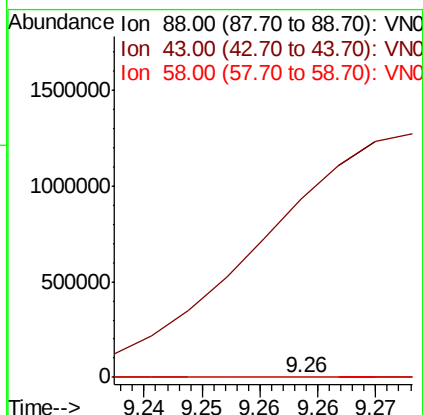
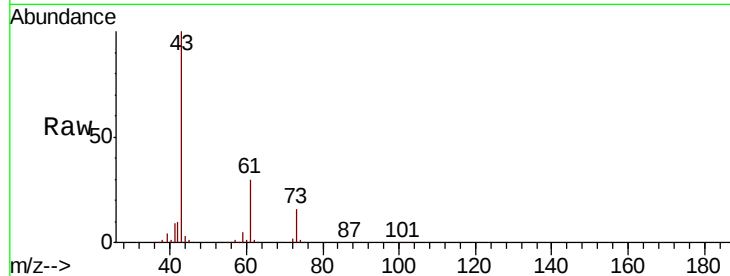




#49  
 1,4-Dioxane  
 Concen: 0.550 ug/l  
 RT: 9.26 min Scan# 2328  
 Delta R.T. 0.06 min  
 Lab File: VN053187.D  
 Acq: 24 Dec 2018 16:06

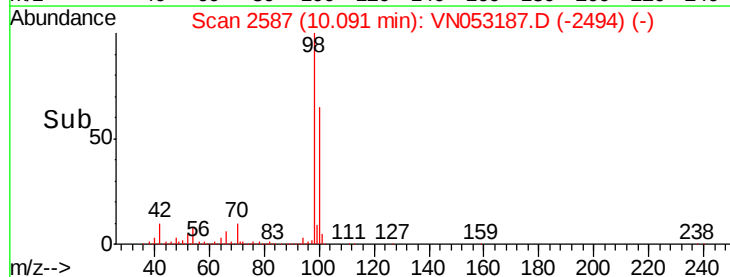
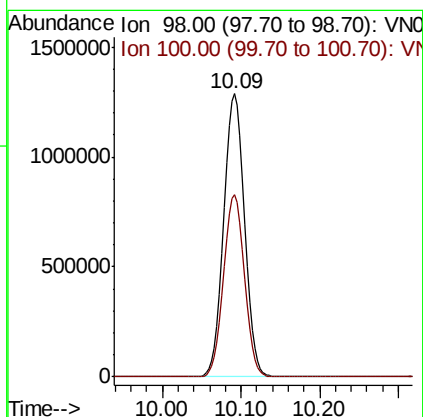
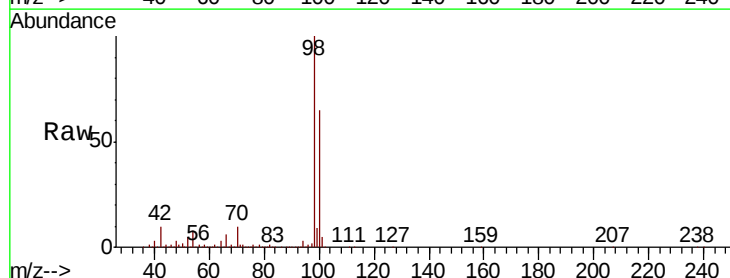
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SB-57(0-5)-GRAB

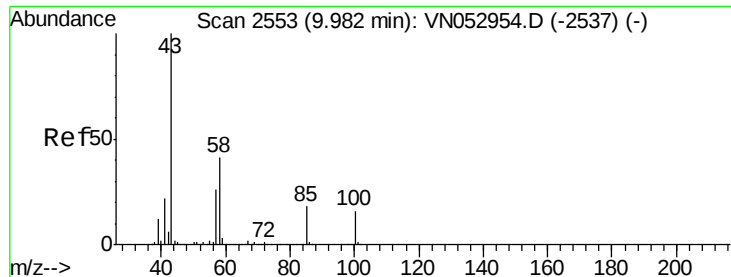
Tot Ion: 88 Resp: 71  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 26.6 40.0#  
 58 0.0 58.4 87.6#



#50  
 Toluene-d8  
 Concen: 0.550 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. -0.00 min  
 Lab File: VN053187.D  
 Acq: 24 Dec 2018 16:06

Tgt Ion: 98 Resp: 2346805  
 Ion Ratio Lower Upper  
 98 100  
 100 64.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 1.647 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

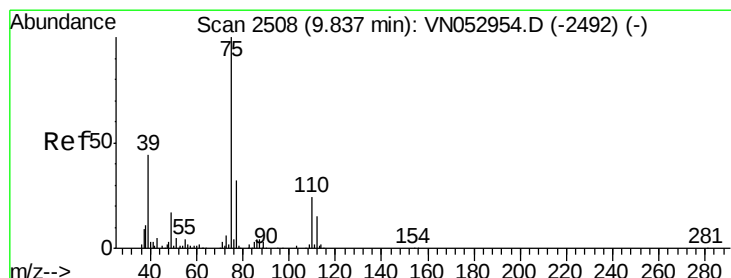
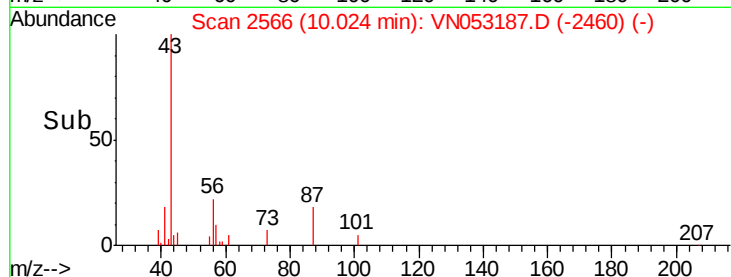
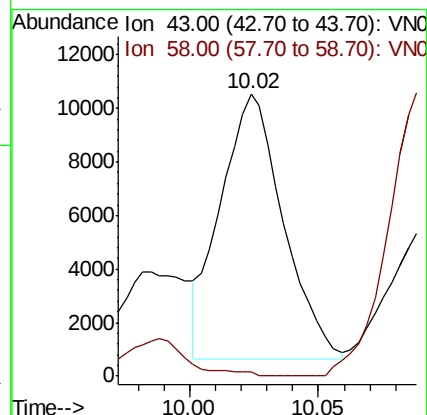
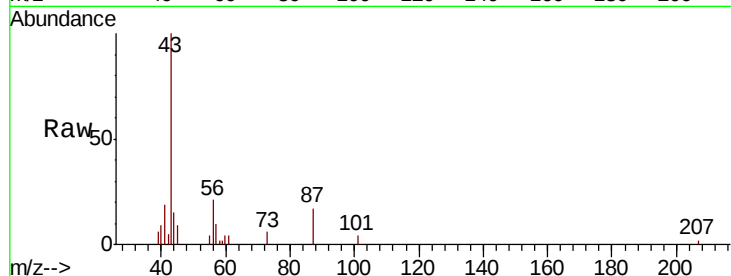
SB-57(0-5)-GRAB

Tot Ion: 43 Resp: 16771

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.4#



#54

cis-1,3-Dichloropropene

Concen: 5.290 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

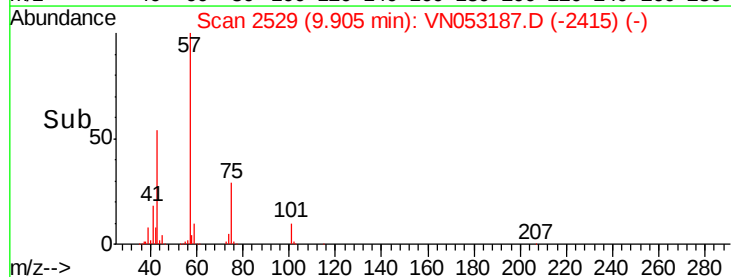
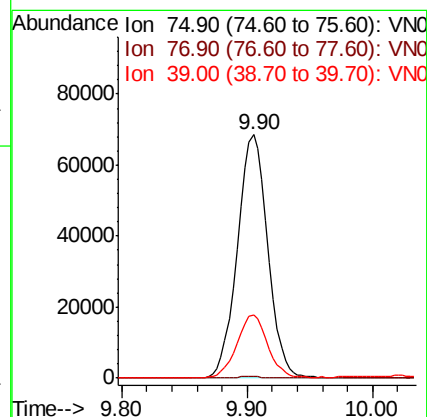
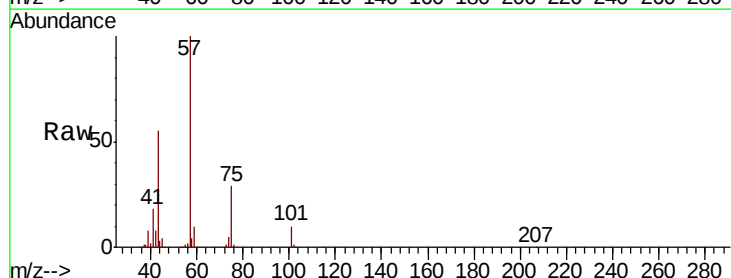
Tgt Ion: 75 Resp: 115405

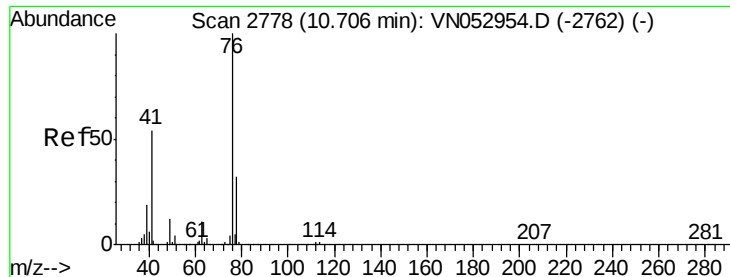
Ion Ratio Lower Upper

75 100

77 0.7 25.8 38.8#

39 26.1 34.8 52.2#





#57

1,3-Dichloropropane

Concen: 0.995 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

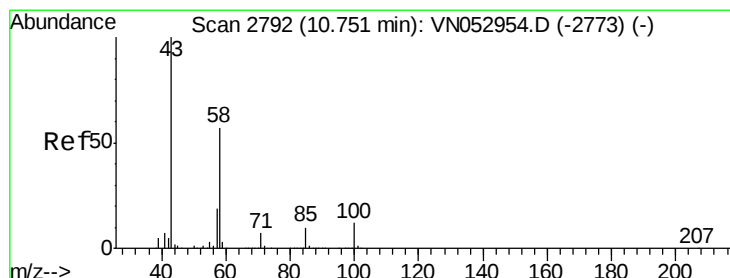
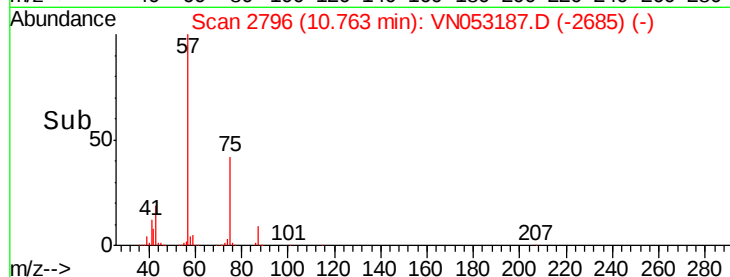
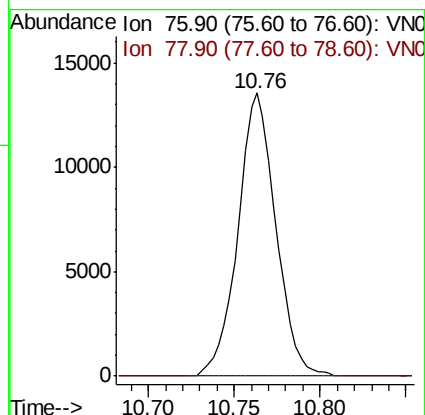
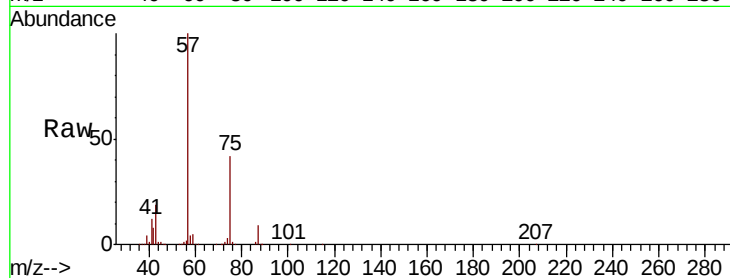
SB-57(0-5)-GRAB

Tot Ion: 76 Resp: 20678

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 40.709 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053187.D

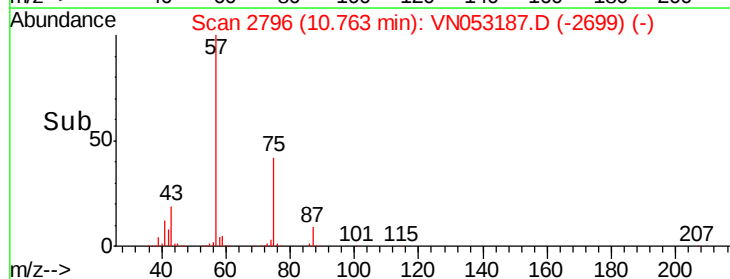
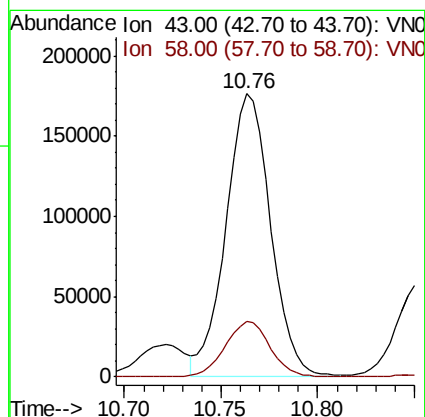
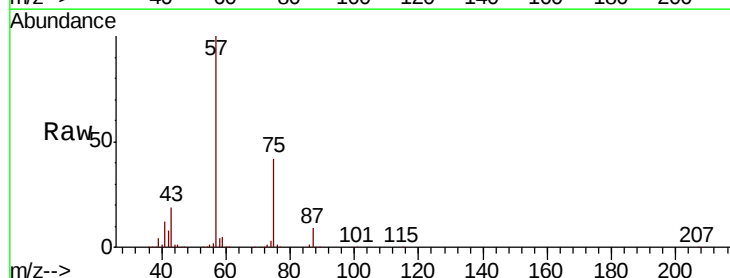
Acq: 24 Dec 2018 16:06

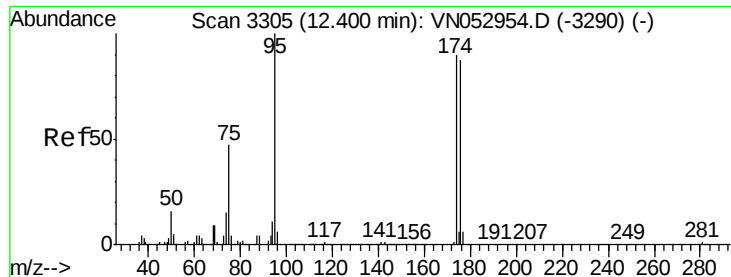
Tgt Ion: 43 Resp: 280539

Ion Ratio Lower Upper

43 100

58 20.1 28.1 84.3#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

SB-57(0-5)-GRAB

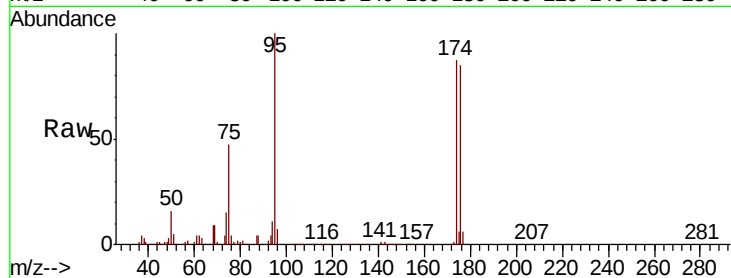
Tot Ion: 95 Resp: 721247

Ion Ratio Lower Upper

95 100

174 87.5 0.0 178.8

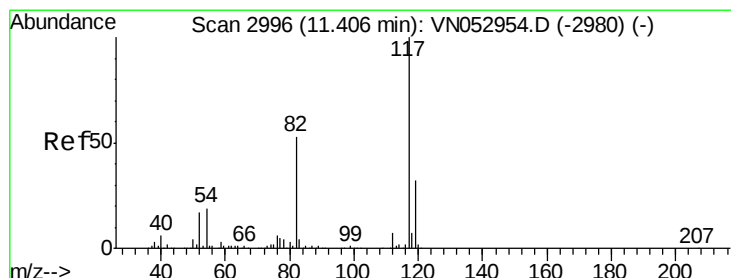
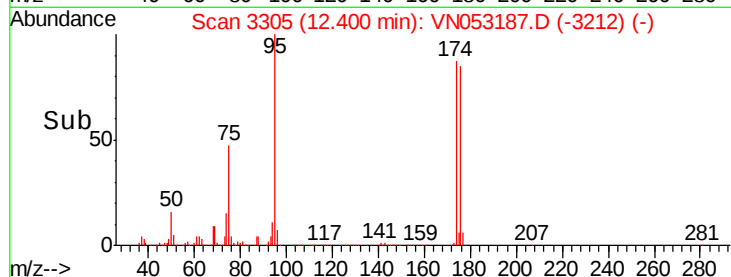
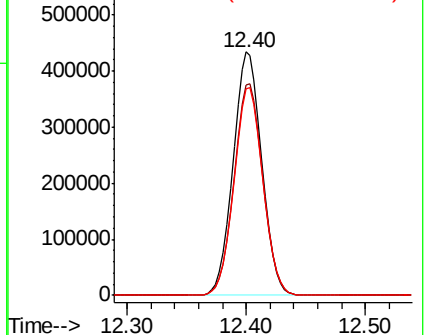
176 86.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

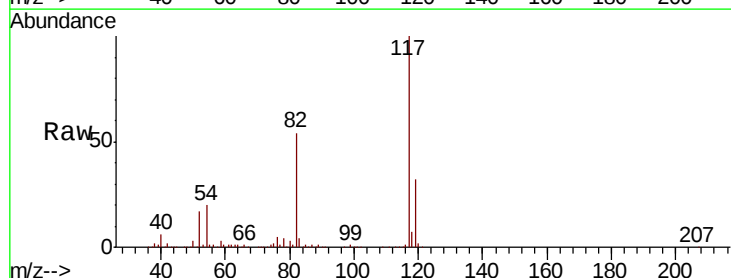
Tgt Ion: 117 Resp: 1667665

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

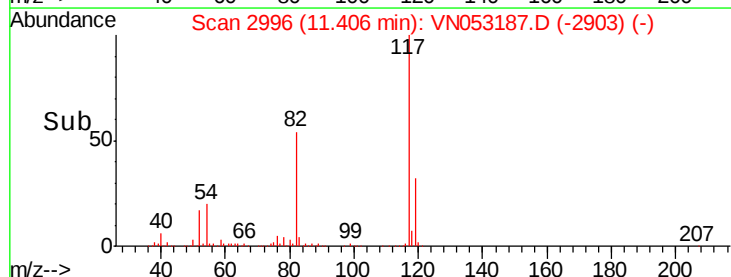
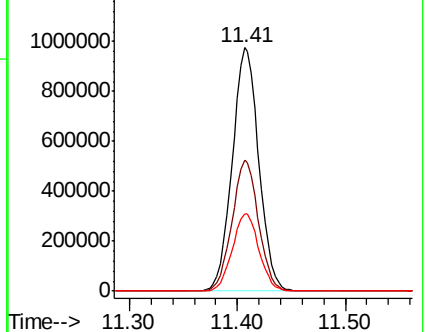
119 32.0 25.5 38.3

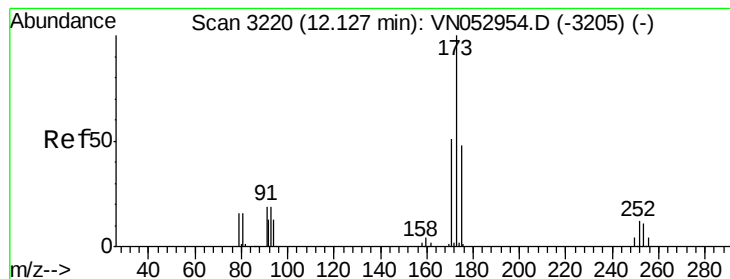


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)





#71

Bromoform

Concen: 0.455 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

SB-57(0-5)-GRAB

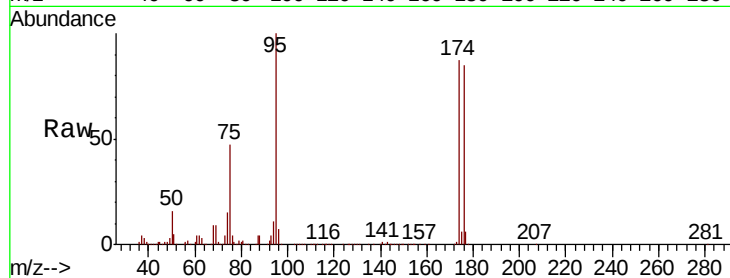
Tot Ion:173 Resp: 4223

Ion Ratio Lower Upper

173 100

175 963.1 24.3 72.9#

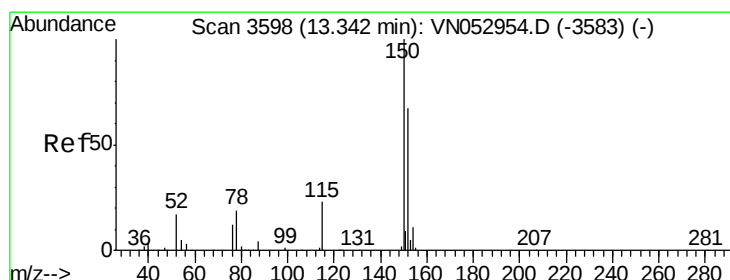
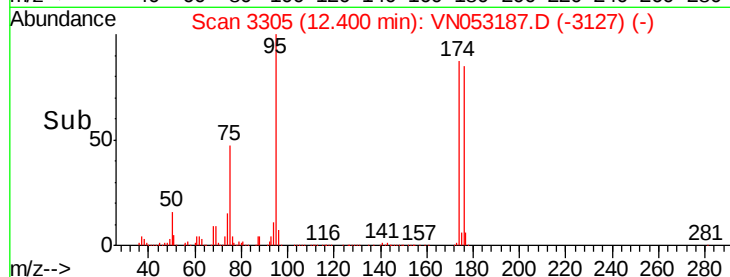
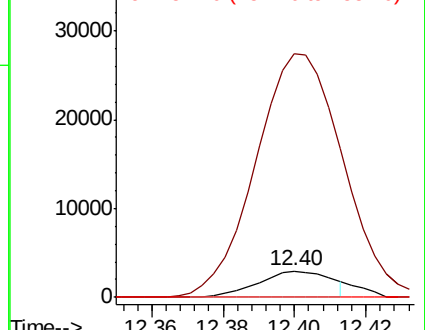
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

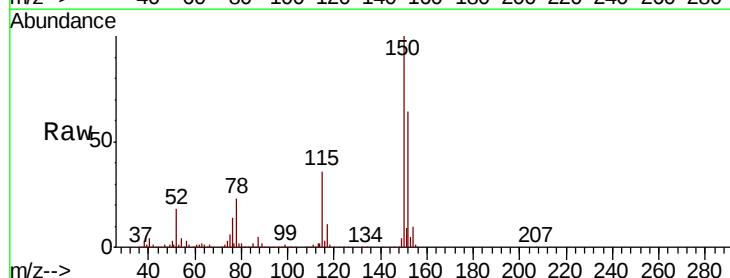
Tgt Ion:152 Resp: 619173

Ion Ratio Lower Upper

152 100

115 55.1 28.3 85.0

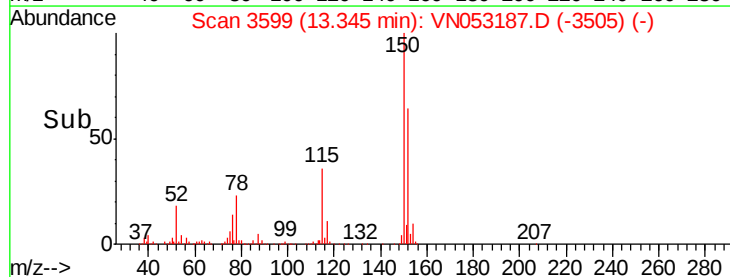
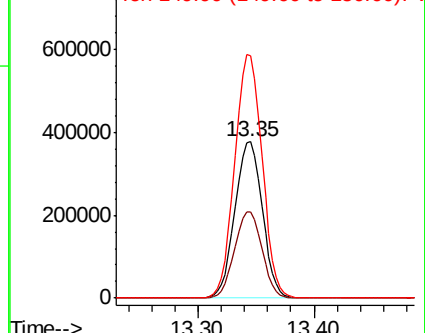
150 155.4 0.0 347.8

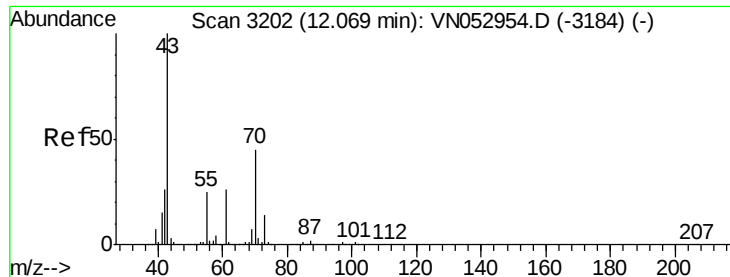


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 2.033 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

SB-57(0-5)-GRAB

Tot Ion: 43 Resp: 27349

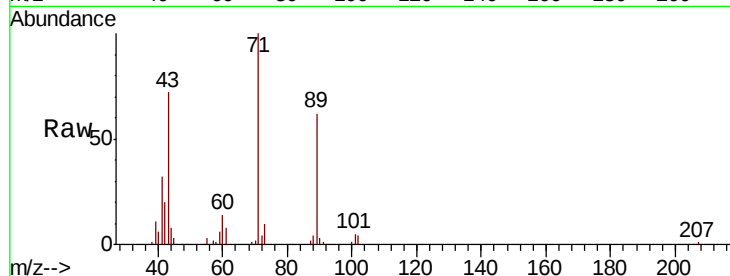
Ion Ratio Lower Upper

43 100

70 1.9 34.2 51.4#

55 4.0 20.3 30.5#

61 10.8 20.0 30.0#

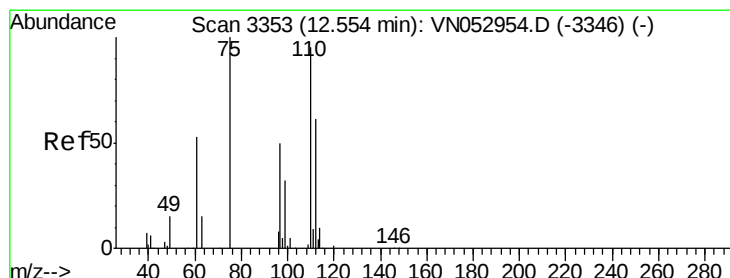
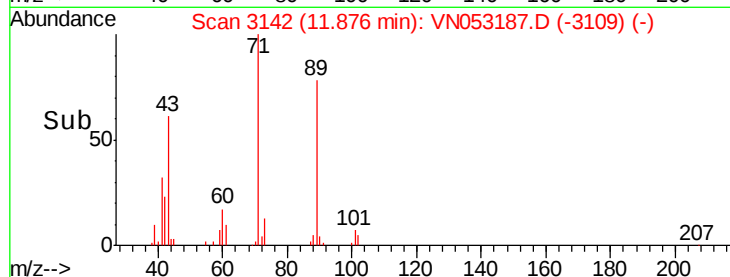
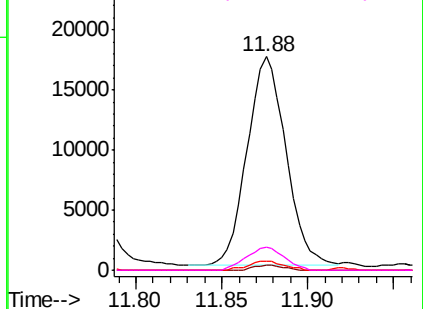


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 32.386 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053187.D

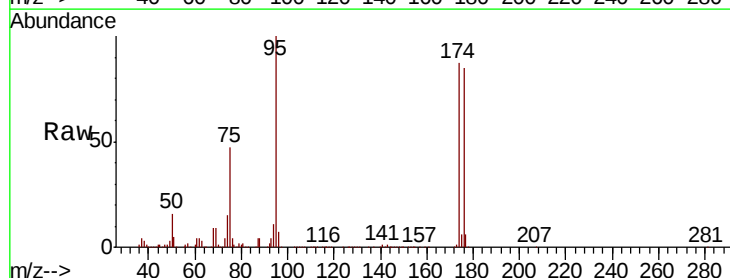
Acq: 24 Dec 2018 16:06

Tgt Ion: 75 Resp: 337564

Ion Ratio Lower Upper

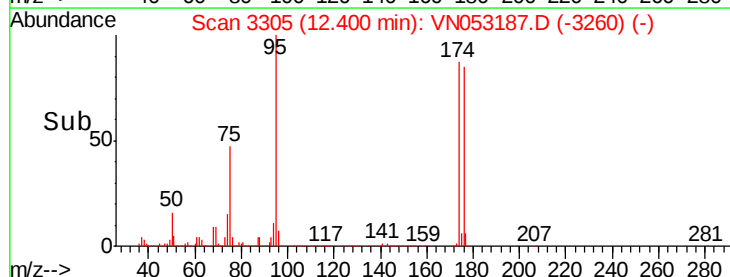
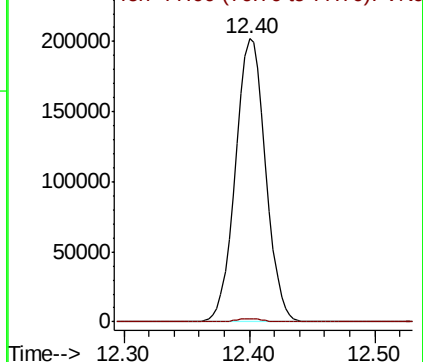
75 100

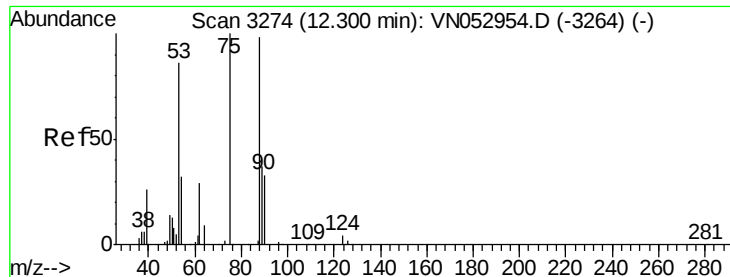
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 104.384 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

SB-57(0-5)-GRAB

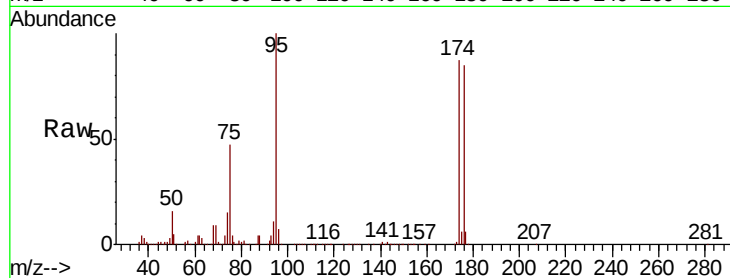
Tot Ion: 75 Resp: 337564

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

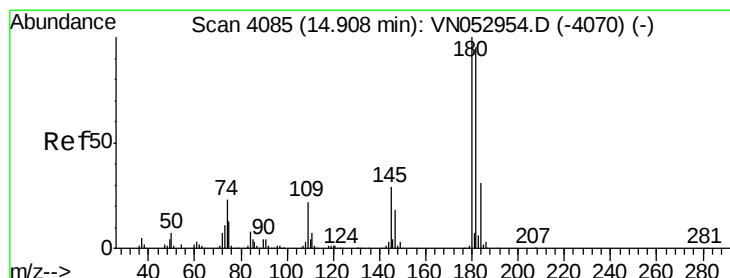
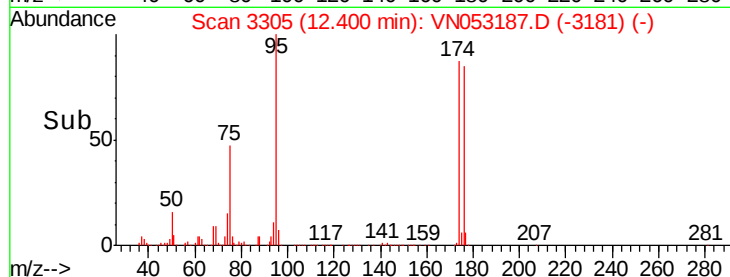
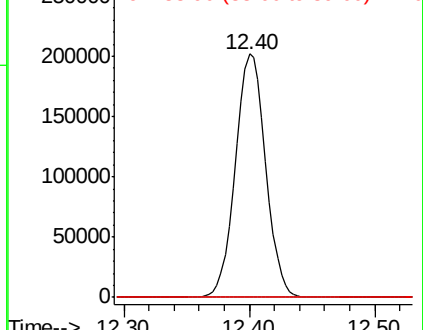
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052954.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052954.D (-3264) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.632 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

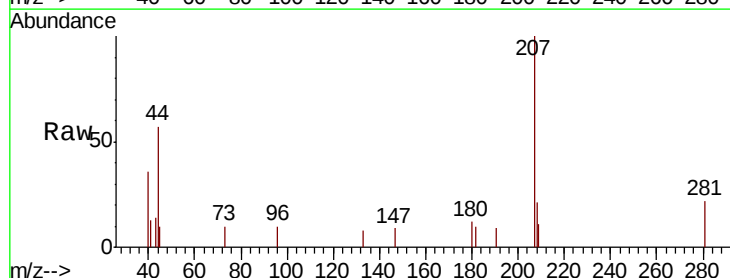
Tgt Ion:180 Resp: 399

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

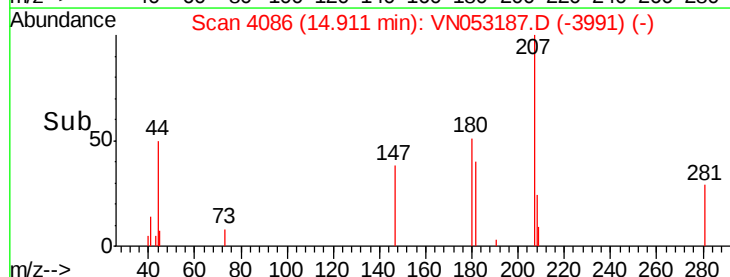
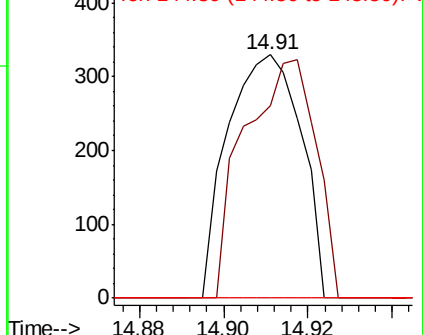
145 0.0 14.2 42.6#

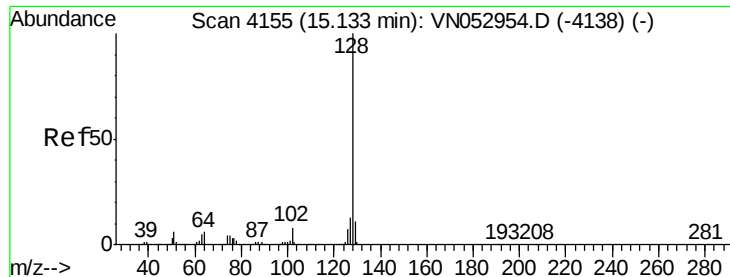


Abundance Ion 179.80 (179.50 to 180.50): VN052954.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN052954.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN052954.D (-4070) (-)





#95

Naphthalene

Concen: 1.274 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA\_N

ClientSampleId :

SB-57(0-5)-GRAB

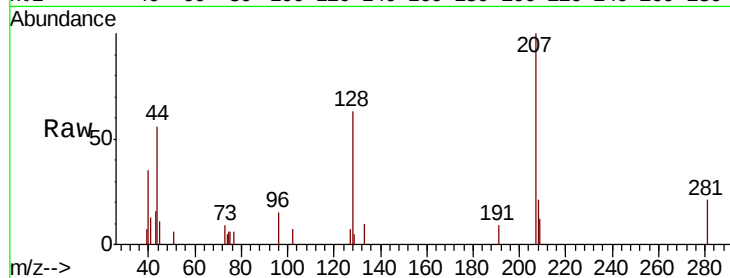
Tot Ion:128 Resp: 3162

Ion Ratio Lower Upper

128 100

127 8.9 10.2 15.4#

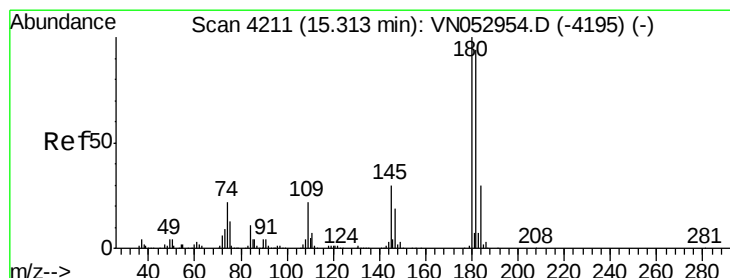
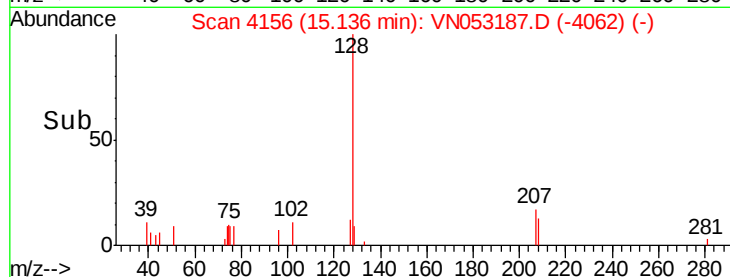
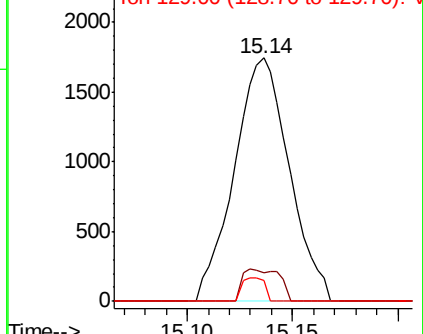
129 3.9 8.6 13.0#



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: 0.546 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

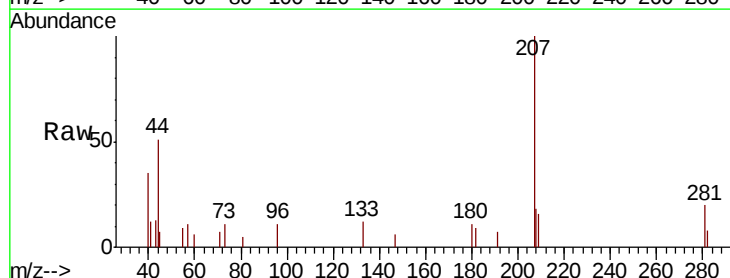
Tgt Ion:180 Resp: 385

Ion Ratio Lower Upper

180 100

182 71.9 47.9 143.7

145 0.0 15.0 45.0#



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

