

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\  
 Data File : VN060117.D  
 Acq On : 17 Feb 2020 14:22  
 Operator : JC/MD  
 Sample : PB126834ZHE#02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 17 15:03:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 12 14:12:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 186103   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 299503   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 272909   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 115192   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 115486   | 51.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.00% |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 90625    | 49.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.44%  |          |
| 50) Toluene-d8              | 10.08 | 98   | 365718   | 50.44 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.88% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 125839   | 47.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.48%  |          |

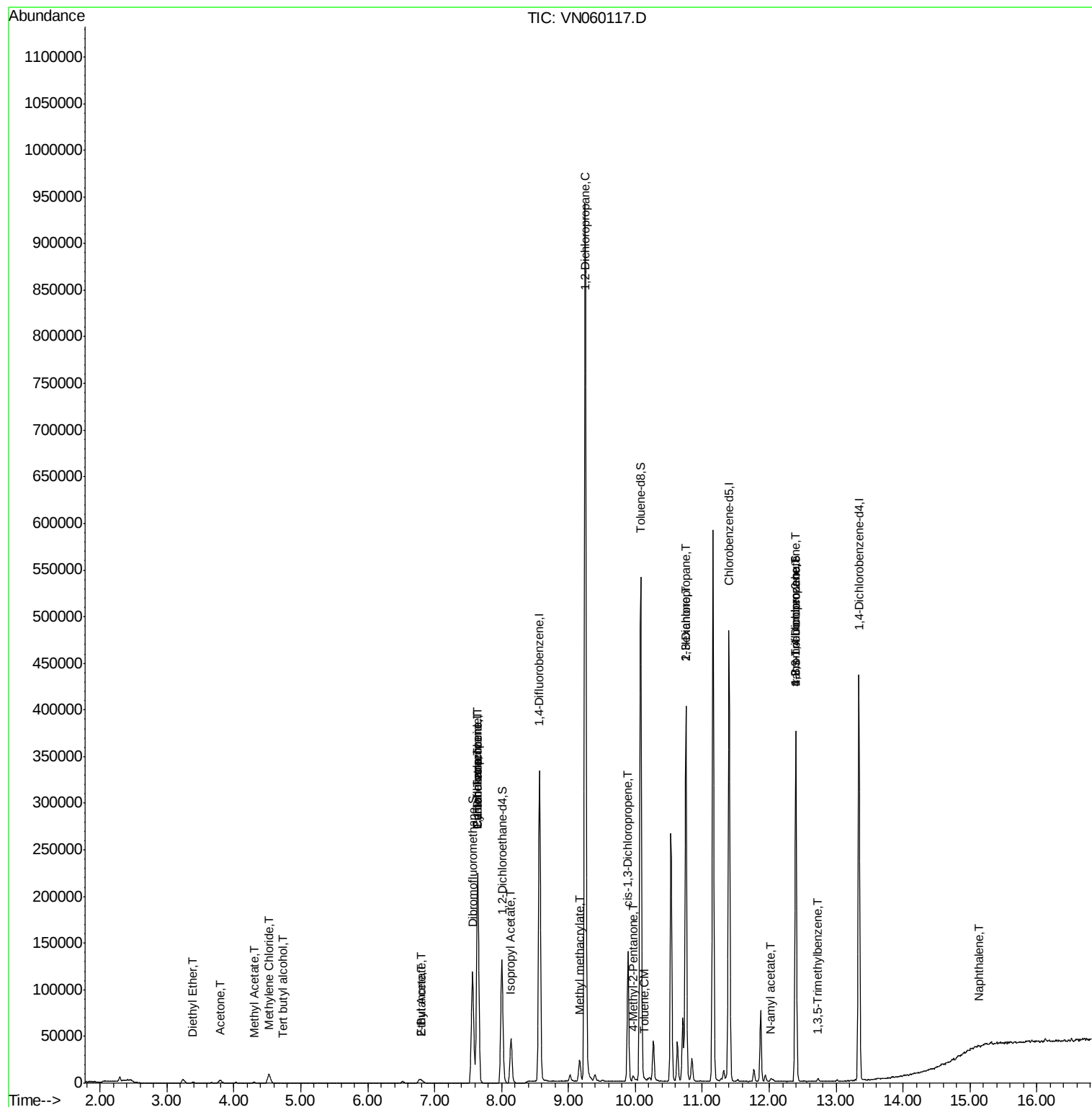
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 8) Diethyl Ether               | 3.39  | 74   | 513      | 0.474     | ug/l # | 43     |
| 11) Tert butyl alcohol         | 4.73  | 59   | 707      | 2.086     | ug/l # | 72     |
| 16) Acetone                    | 3.79  | 43   | 6188     | 6.265     | ug/l   | 99     |
| 18) Methyl Acetate             | 4.30  | 43   | 1494     | 0.805     | ug/l # | 50     |
| 20) Methylene Chloride         | 4.53  | 84   | 7601     | 3.857     | ug/l # | 93     |
| 25) 2-Butanone                 | 6.82  | 43   | 4174     | 3.360     | ug/l   | 97     |
| 31) Cyclohexane                | 7.65  | 56   | 3961     | 1.237     | ug/l # | 17     |
| 36) 1,1-Dichloropropene        | 7.64  | 75   | 14028    | 5.057     | ug/l # | 48     |
| 37) Ethyl Acetate              | 6.82  | 43   | 4174     | 1.665     | ug/l # | 68     |
| 38) Carbon Tetrachloride       | 7.64  | 117  | 18019    | 5.981     | ug/l # | 14     |
| 43) Isopropyl Acetate          | 8.14  | 43   | 56649    | 13.218    | ug/l # | 89     |
| 45) 1,2-Dichloropropane        | 9.25  | 63   | 952      | 0.467     | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.17  | 41   | 3916     | 2.037     | ug/l # | 9      |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 4278     | 1.725     | ug/l   | 88     |
| 52) Toluene                    | 10.14 | 92   | 1106     | 0.210     | ug/l   | 92     |
| 54) cis-1,3-Dichloropropene    | 9.89  | 75   | 25171    | 7.235     | ug/l # | 61     |
| 57) 1,3-Dichloropropane        | 10.75 | 76   | 4081     | 1.201     | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.75 | 43   | 59138    | 30.861    | ug/l # | 53     |
| 74) N-amyl acetate             | 12.03 | 43   | 3301     | 1.064     | ug/l # | 43     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 66015    | 29.954    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1800     | 0.252     | ug/l   | 95     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 66015    | 73.343    | ug/l # | 12     |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 29       | Below Cal | #      | 1      |
| 95) Naphthalene                | 15.13 | 128  | 1371     | 0.234     | ug/l # | 69     |

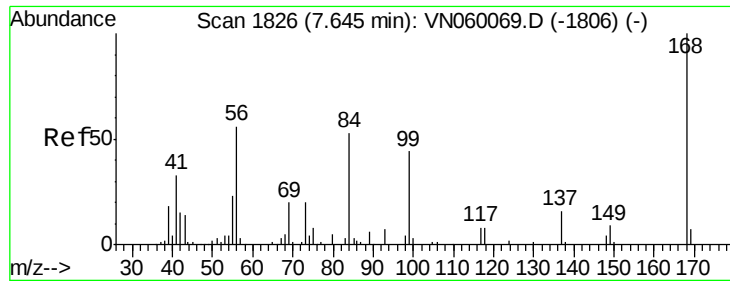
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021720\  
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Sample : PB126834ZHE#02  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Feb 17 15:03:36 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 12 14:12:21 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA\_N

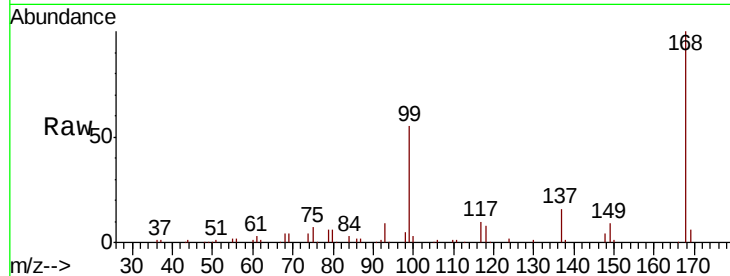
ClientSampled :

Tot Ion:168 Resp: 186103

Ion Ratio Lower Upper

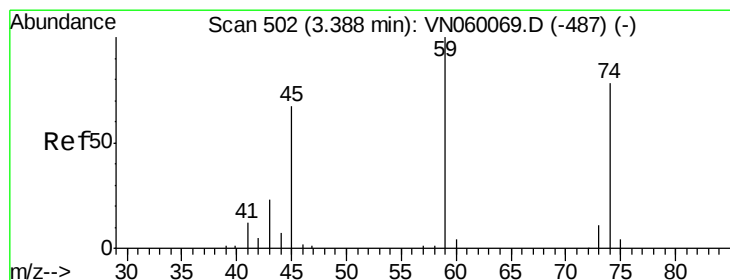
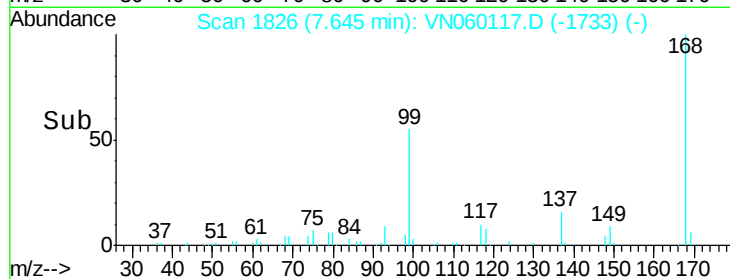
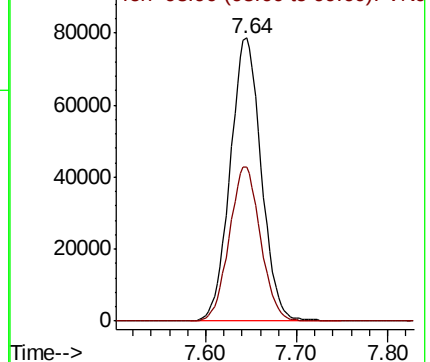
168 100

99 54.6 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 0.474 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN060117.D

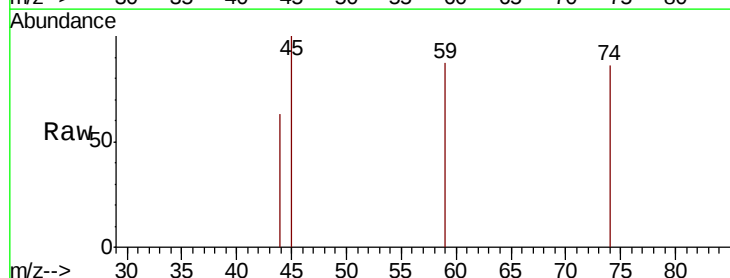
Acq: 17 Feb 2020 14:22

Tgt Ion: 74 Resp: 513

Ion Ratio Lower Upper

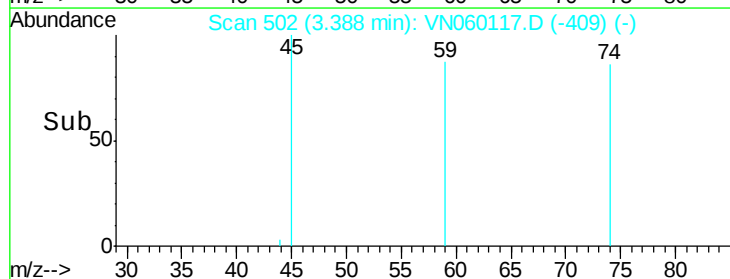
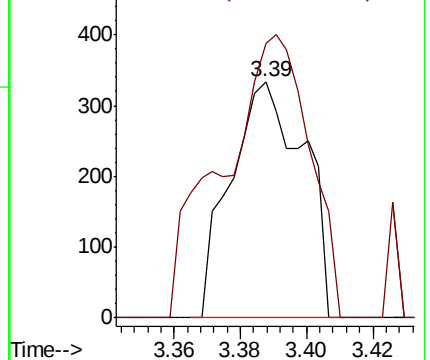
74 100

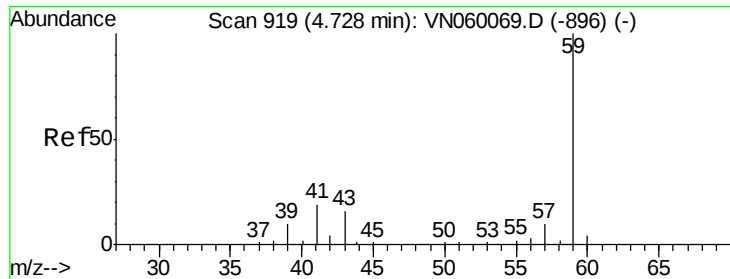
45 142.7 44.7 134.1#



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

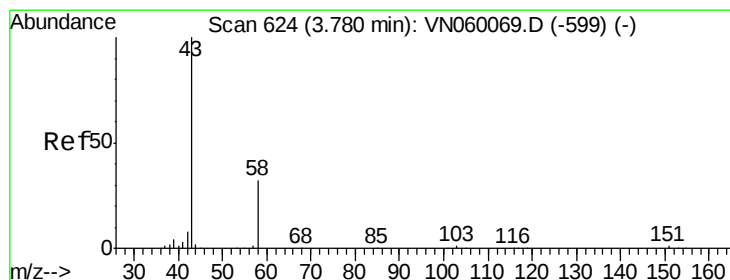
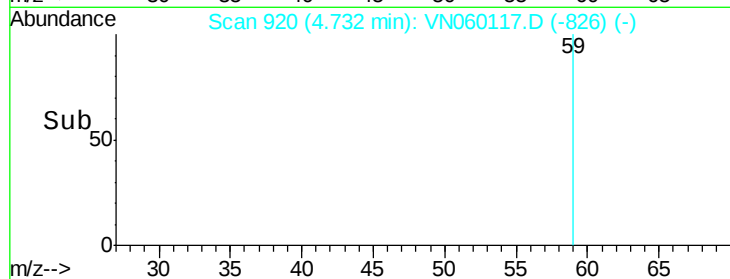
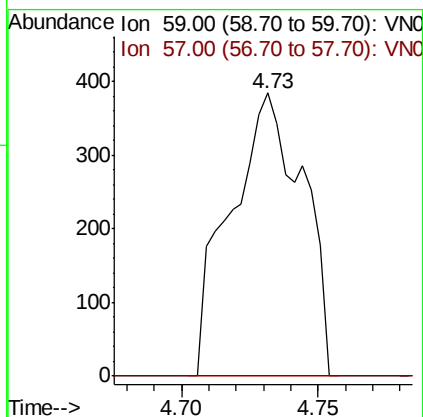
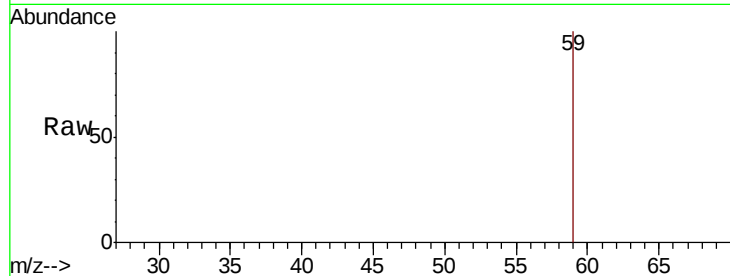




#11  
Tert butyl alcohol  
Concen: 2.086 ug/l  
RT: 4.73 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

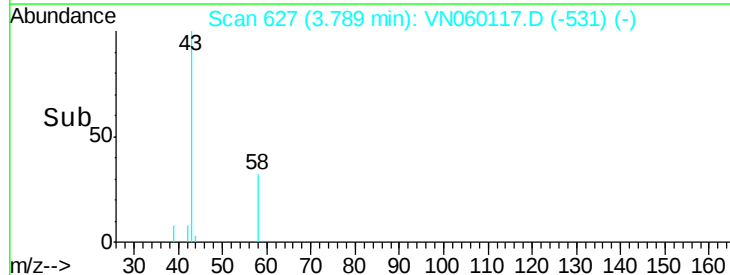
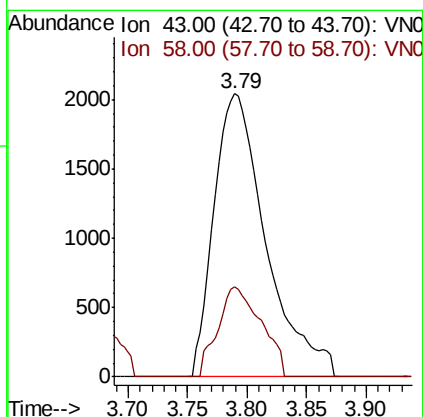
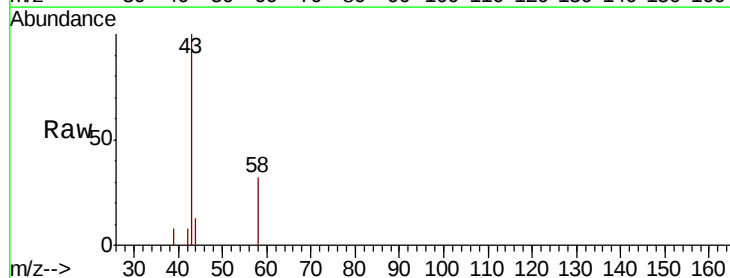
Instrument :  
MSVOA\_N  
ClientSampled :

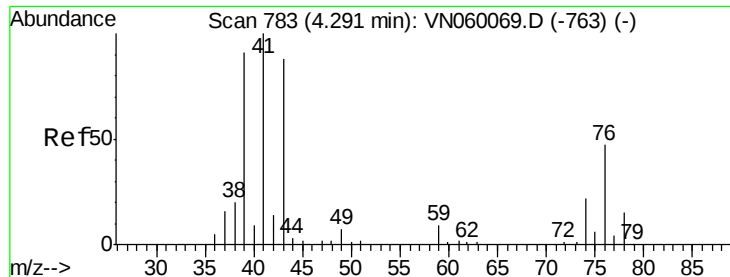
Tot Ion: 59 Resp: 707  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#16  
Acetone  
Concen: 6.265 ug/l  
RT: 3.79 min Scan# 627  
Delta R.T. 0.01 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

Tgt Ion: 43 Resp: 6188  
Ion Ratio Lower Upper  
43 100  
58 32.0 25.2 37.8

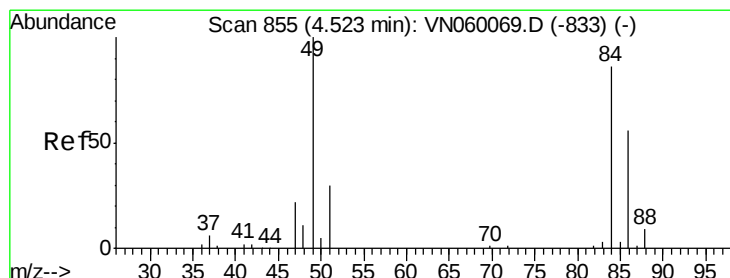
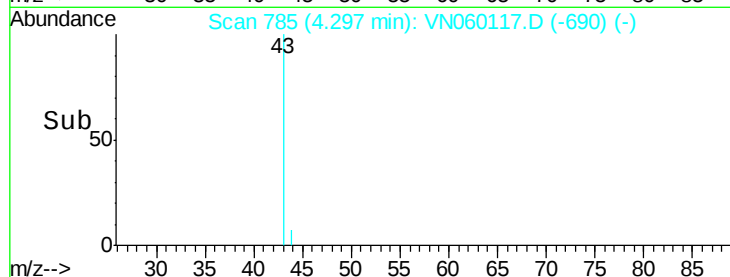
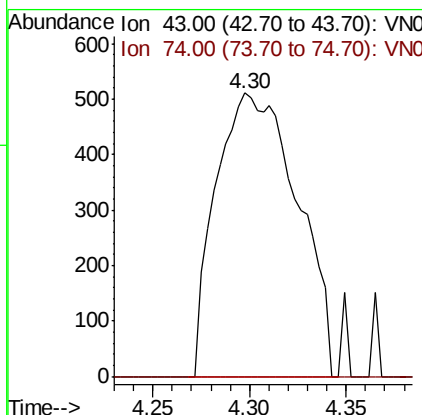
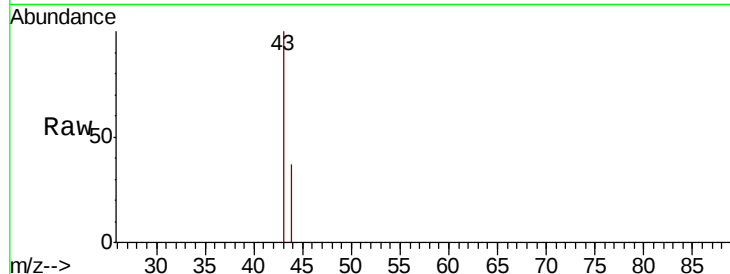




#18  
Methyl Acetate  
Concen: 0.805 ug/l  
RT: 4.30 min Scan# 785  
Delta R.T. 0.01 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

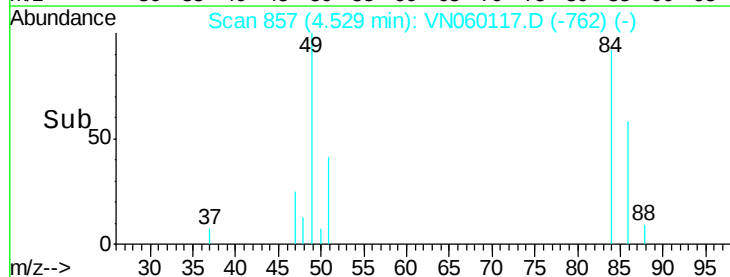
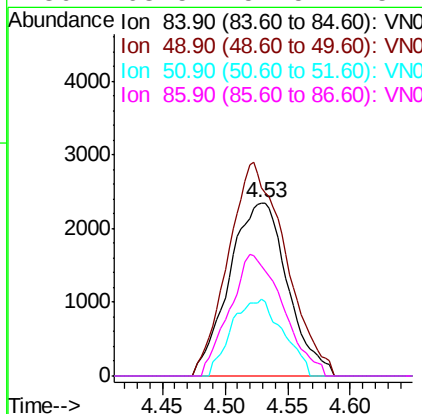
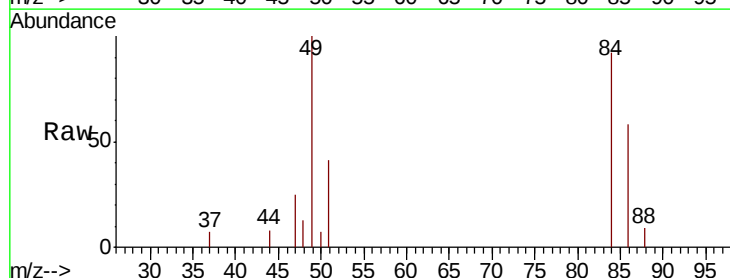
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MSVOA\_N  
ClientSampleId :

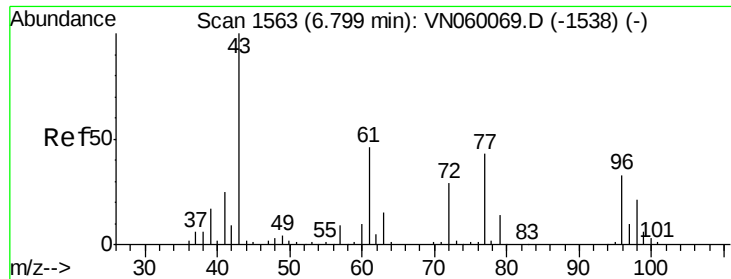
Tot Ion: 43 Resp: 1494  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.3 30.5#



#20  
Methylene Chloride  
Concen: 3.857 ug/l  
RT: 4.53 min Scan# 857  
Delta R.T. 0.01 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

Tgt Ion: 84 Resp: 7601  
Ion Ratio Lower Upper  
84 100  
49 108.6 93.4 140.0  
51 44.4 28.4 42.6#  
86 63.5 52.5 78.7

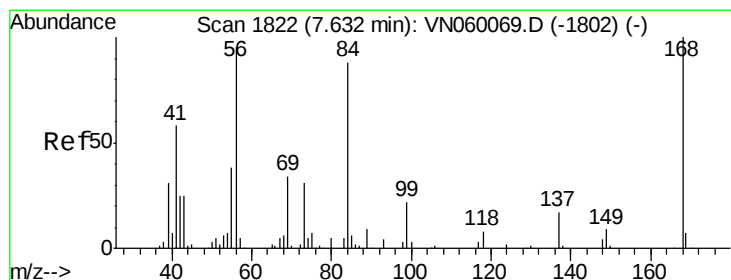
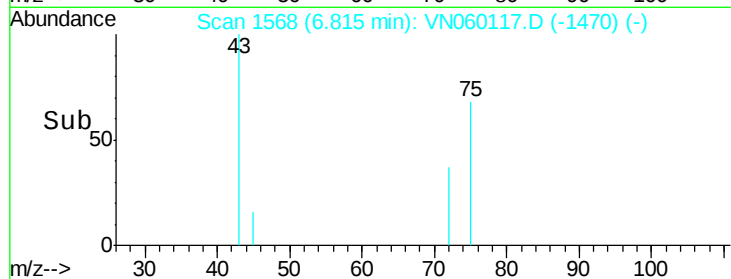
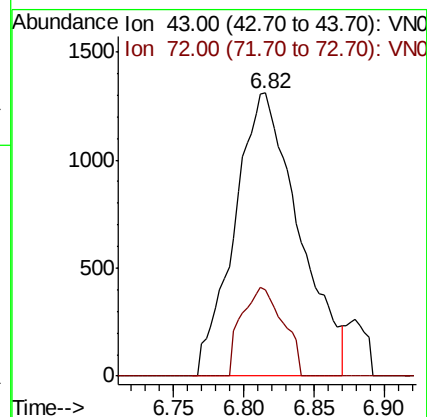
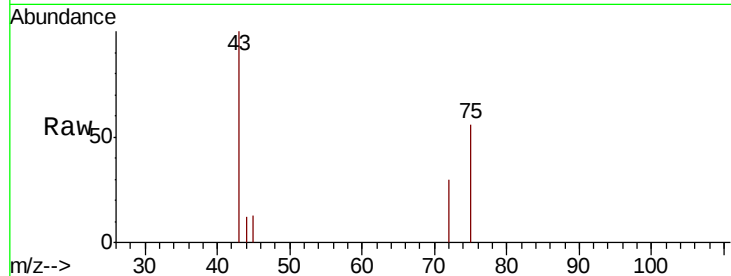




#25  
2-Butanone  
Concen: 3.360 ug/l  
RT: 6.82 min Scan# 1568  
Delta R.T. 0.02 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

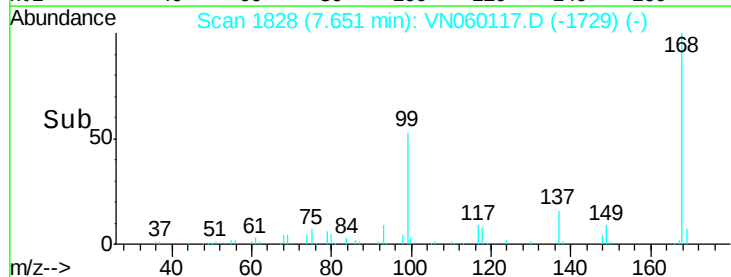
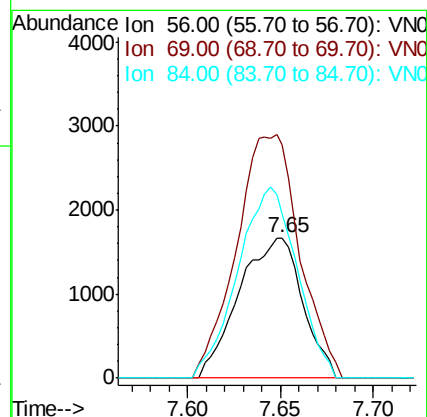
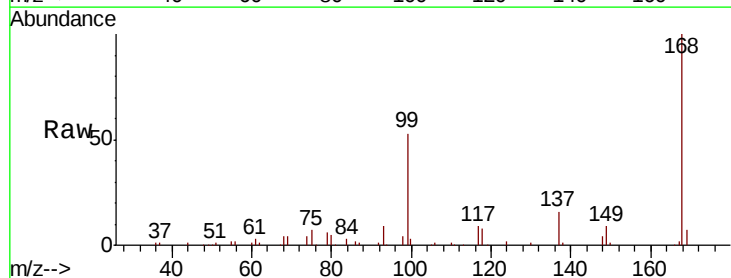
Instrument :  
MSVOA\_N  
ClientSampleId :

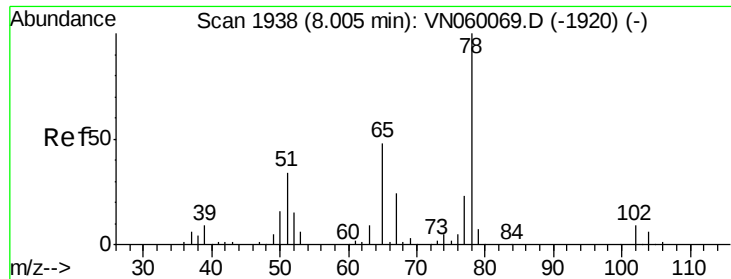
Tot Ion: 43 Resp: 4174  
Ion Ratio Lower Upper  
43 100  
72 30.5 23.3 34.9



#31  
Cyclohexane  
Concen: 1.237 ug/l  
RT: 7.65 min Scan# 1828  
Delta R.T. 0.02 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

Tgt Ion: 56 Resp: 3961  
Ion Ratio Lower Upper  
56 100  
69 165.9 28.3 42.5#  
84 117.0 72.6 108.8#

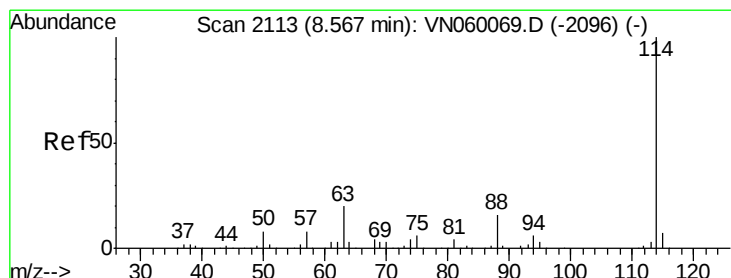
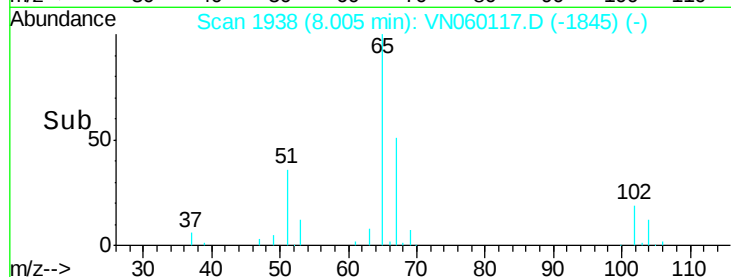
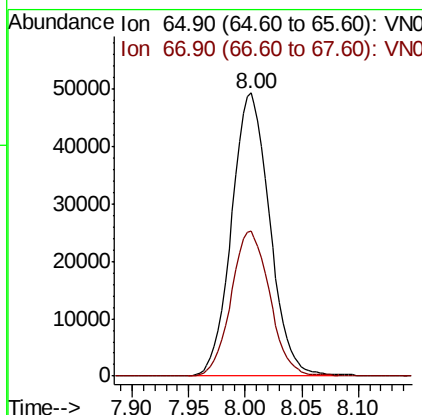
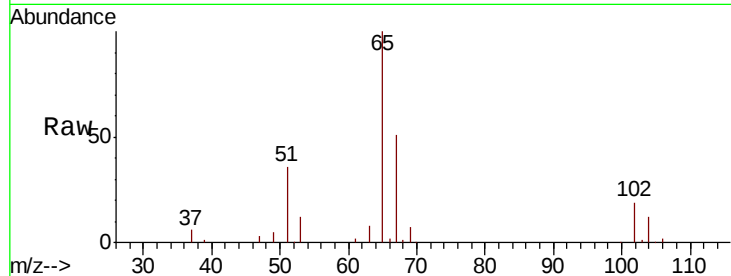




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.997 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VN060117.D  
 Acq: 17 Feb 2020 14:22

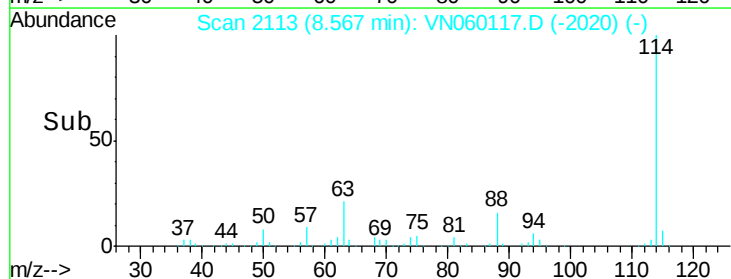
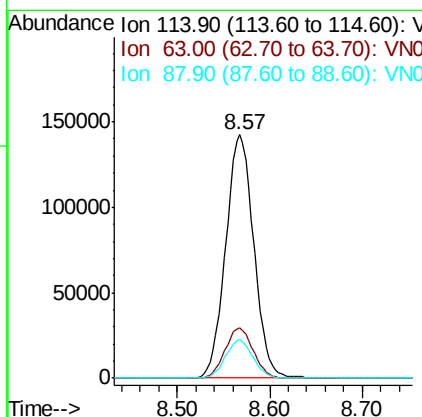
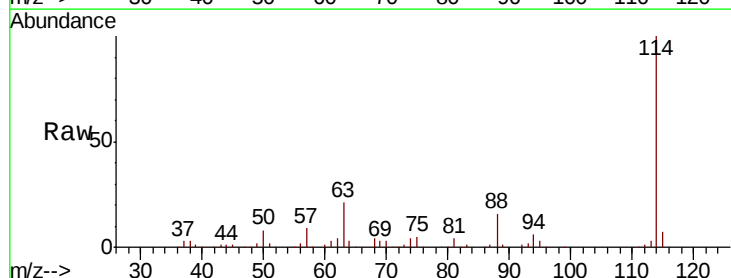
Instrument :  
 MSVOA\_N  
 ClientSampled :

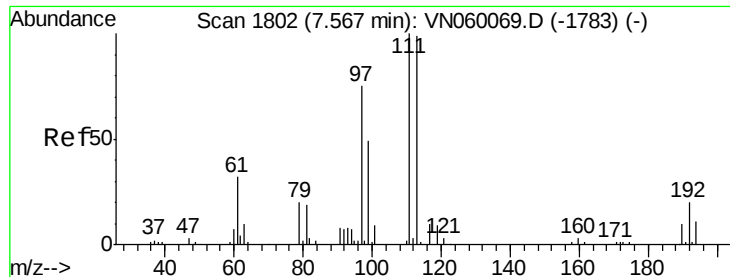
Tot Ion: 65 Resp: 115486  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN060117.D  
 Acq: 17 Feb 2020 14:22

Tgt Ion: 114 Resp: 299503  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 40.0  
 88 15.8 0.0 31.6

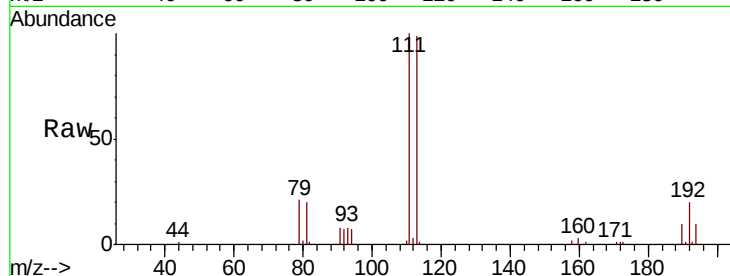




#35  
 Dibromofluoromethane  
 Concen: 49.225 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: VN060117.D  
 Acq: 17 Feb 2020 14:22

Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.6 | 81.4  | 122.2 |
| 192     | 20.0  | 16.2  | 24.2  |

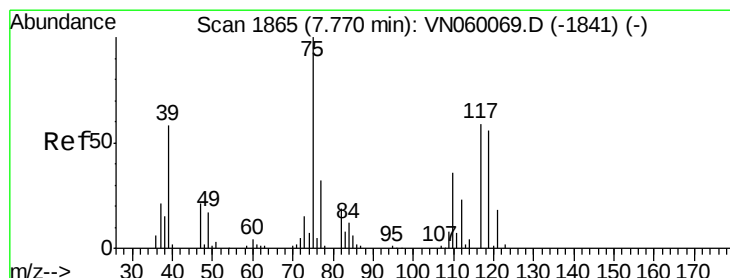
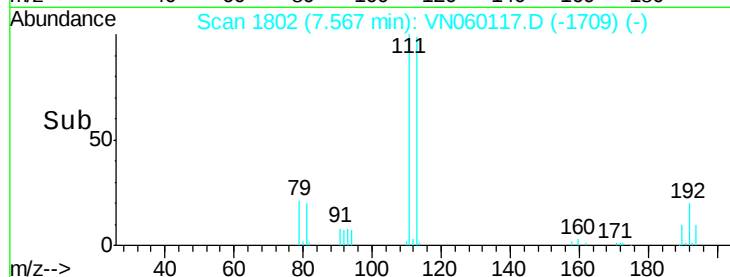
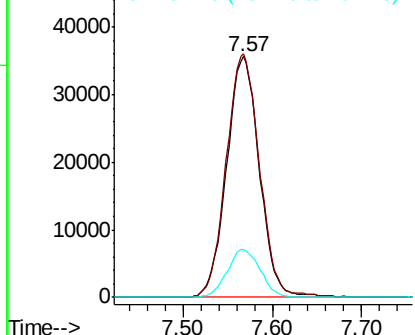


Abundance

Ion 112.80 (112.50 to 113.50): V

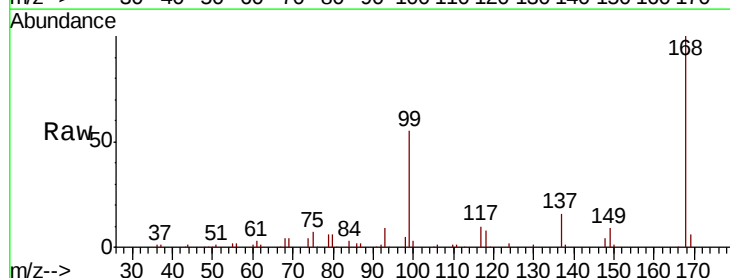
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 5.057 ug/l  
 RT: 7.64 min Scan# 1826  
 Delta R.T. -0.13 min  
 Lab File: VN060117.D  
 Acq: 17 Feb 2020 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 7.9   | 18.1  | 54.3# |
| 77      | 0.0   | 25.1  | 37.7# |

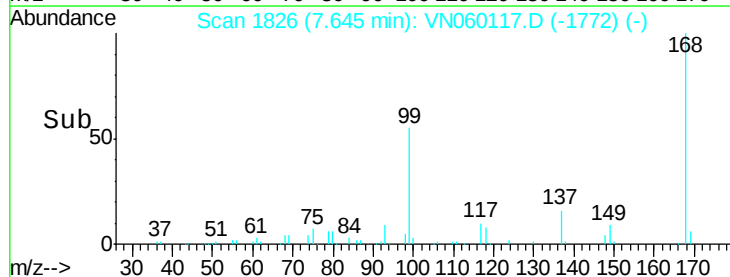
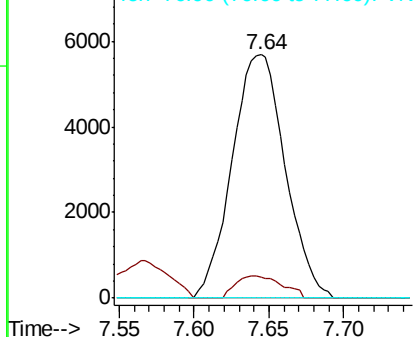


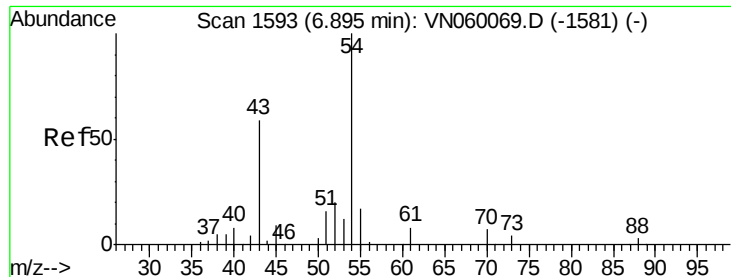
Abundance

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

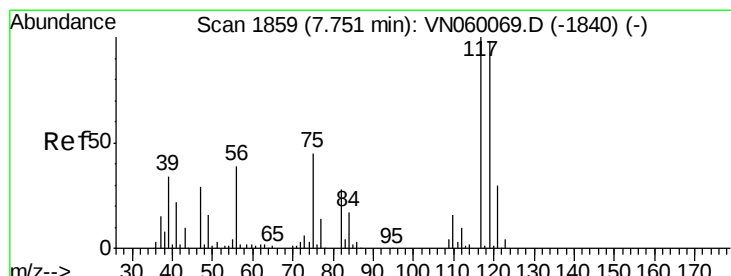
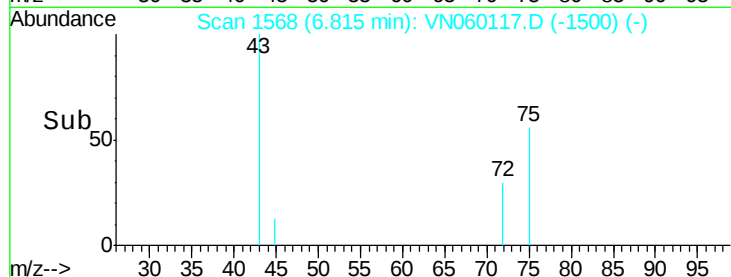
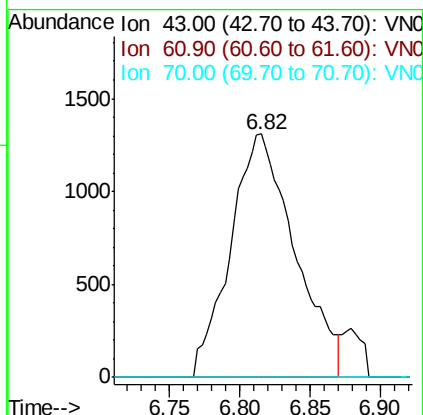
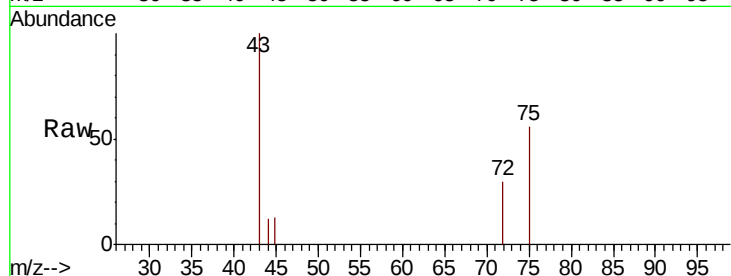




#37  
Ethyl Acetate  
Concen: 1.665 ug/l  
RT: 6.82 min Scan# 1568  
Delta R.T. -0.08 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

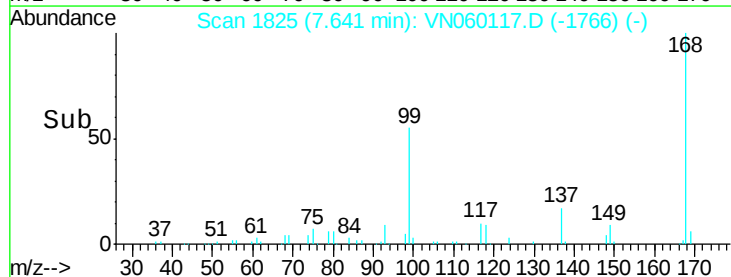
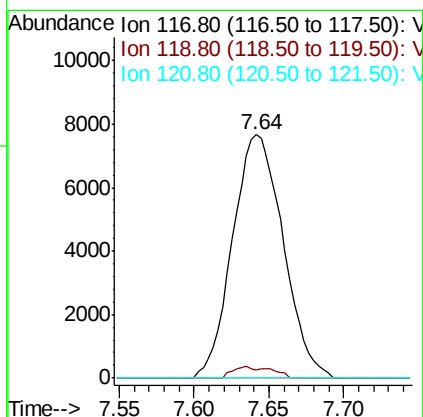
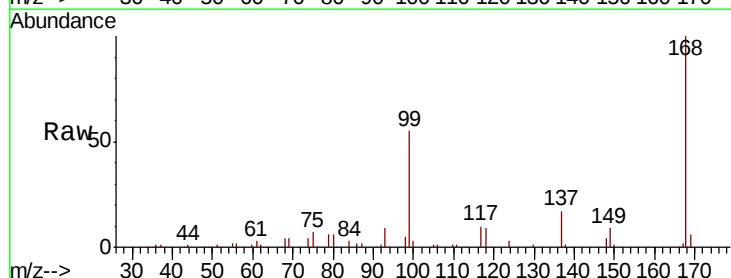
Instrument :  
MSVOA\_N  
ClientSampled :

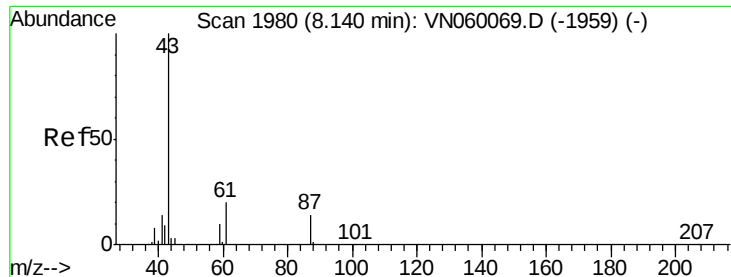
Tot Ion: 43 Resp: 4174  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.4 17.2#  
70 0.0 8.7 13.1#



#38  
Carbon Tetrachloride  
Concen: 5.981 ug/l  
RT: 7.64 min Scan# 1825  
Delta R.T. -0.11 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

Tgt Ion: 117 Resp: 18019  
Ion Ratio Lower Upper  
117 100  
119 3.5 78.2 117.4#  
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 13.218 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA\_N

ClientSampleId :

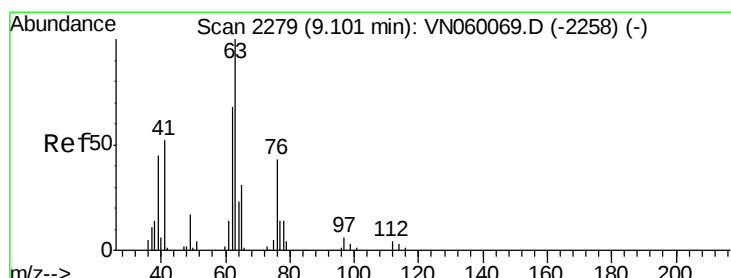
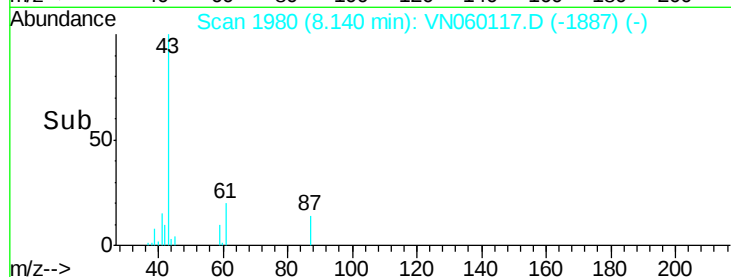
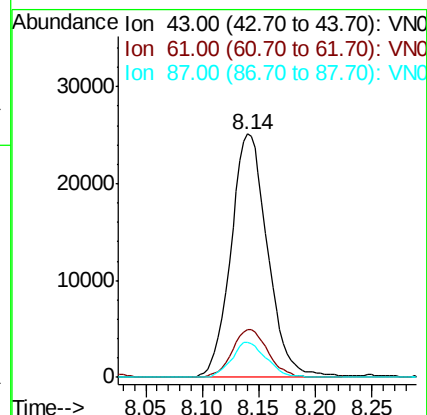
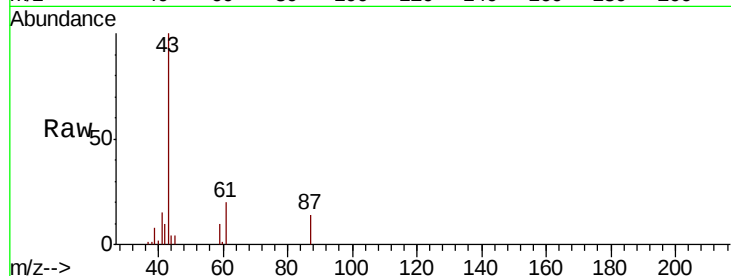
Tot Ion: 43 Resp: 56649

Ion Ratio Lower Upper

43 100

61 19.2 21.8 32.6#

87 13.5 11.4 17.2



#45

1,2-Dichloropropane

Concen: 0.467 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060117.D

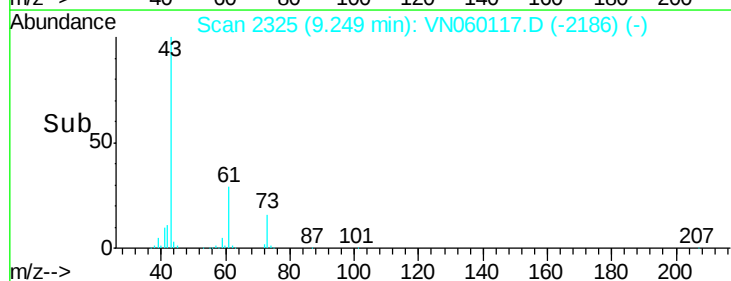
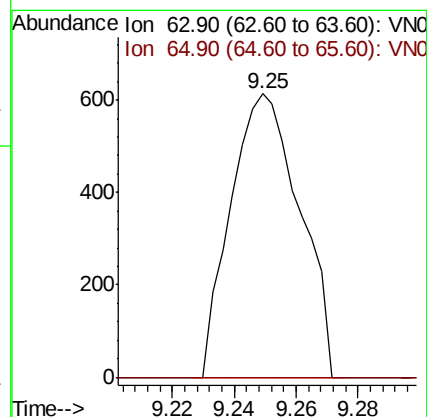
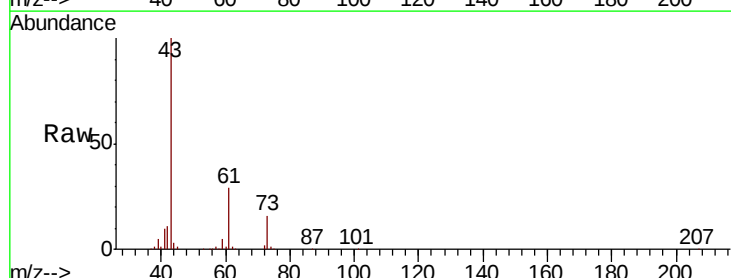
Acq: 17 Feb 2020 14:22

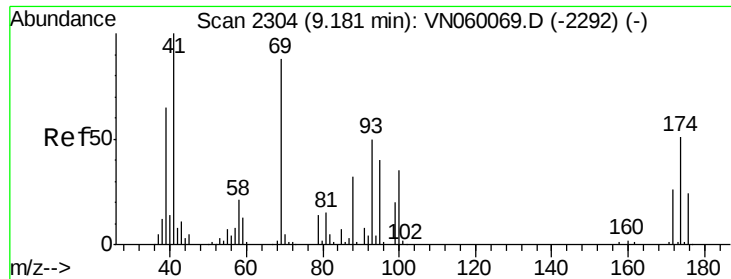
Tgt Ion: 63 Resp: 952

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

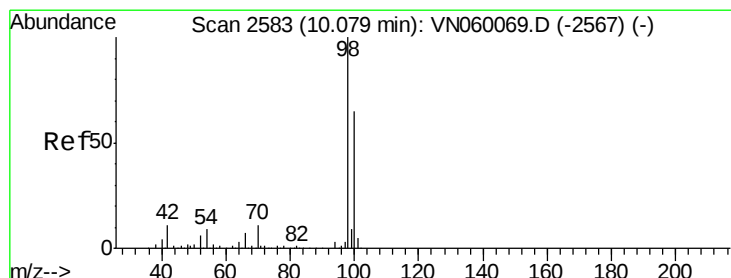
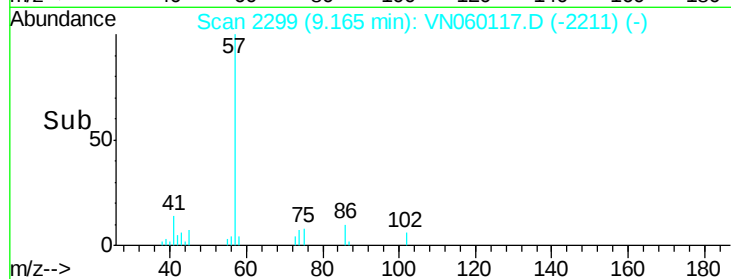
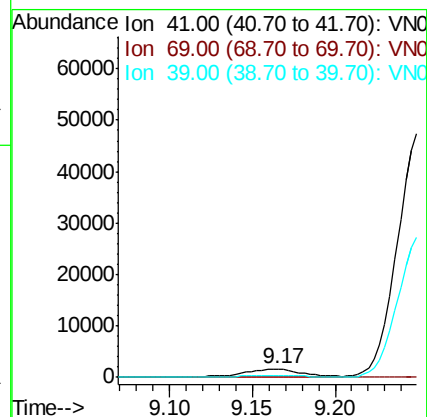
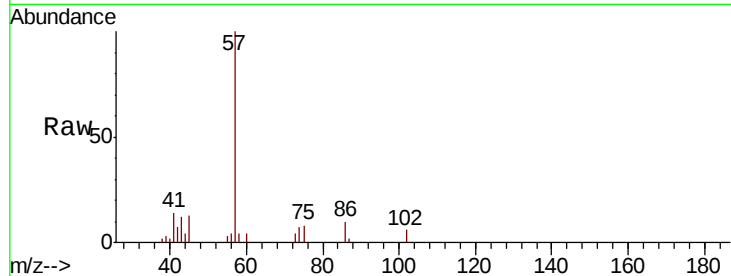




#48  
Methvl methacrylate  
Concen: 2.037 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. -0.02 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

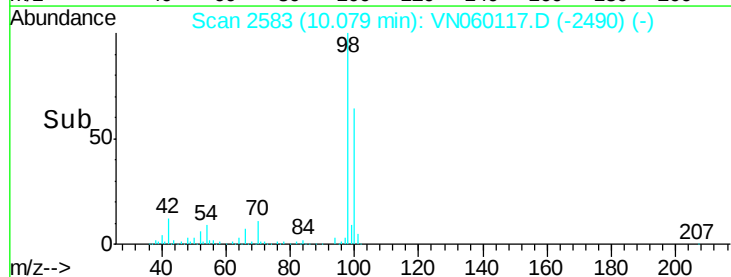
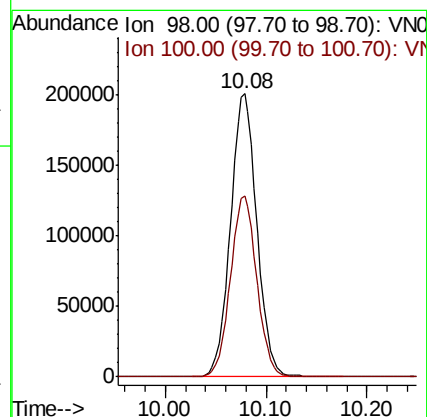
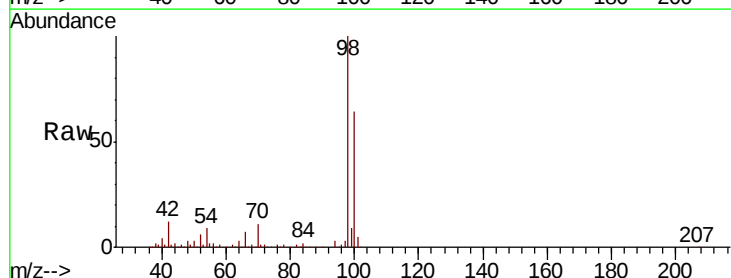
Instrument :  
MSVOA\_N  
ClientSampled :

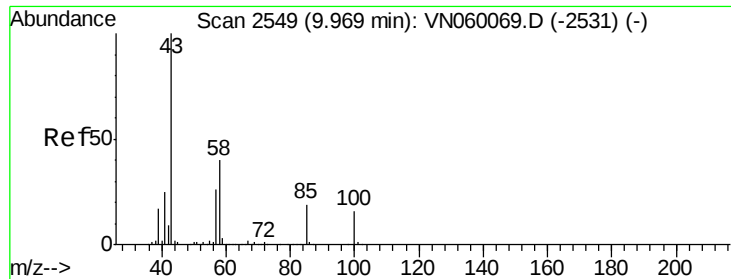
Tot Ion: 41 Resp: 3916  
Ion Ratio Lower Upper  
41 100  
69 0.0 72.0 108.0#  
39 0.0 54.1 81.1#



#50  
Toluene-d8  
Concen: 50.444 ug/l  
RT: 10.08 min Scan# 2583  
Delta R.T. 0.00 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

Tgt Ion: 98 Resp: 365718  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.725 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA\_N

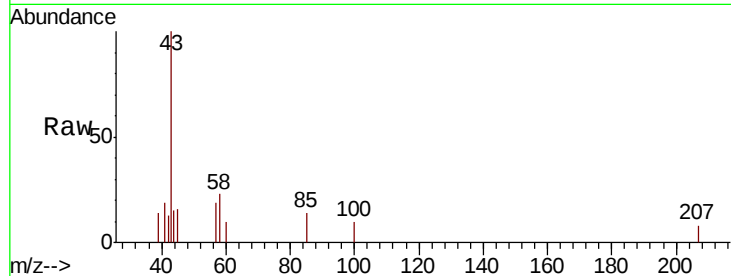
ClientSampled :

Tot Ion: 43 Resp: 4278

Ion Ratio Lower Upper

43 100

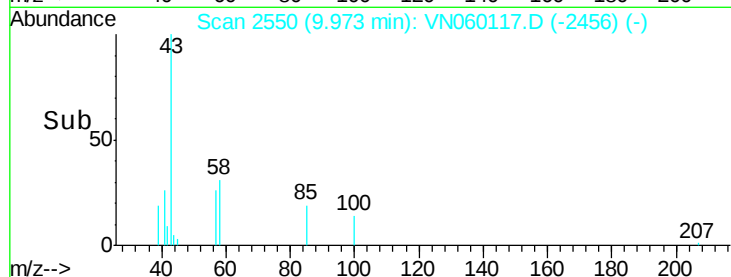
58 32.6 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-2531) (-)

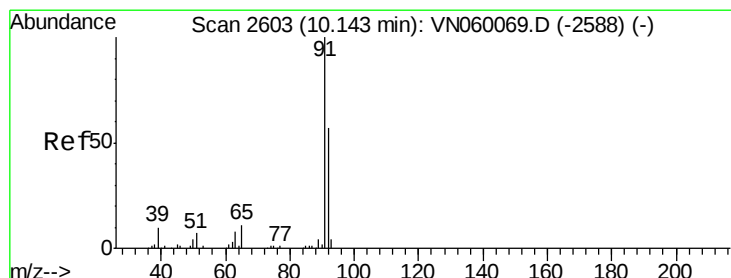
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN060117.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060117.D (-2456) (-)

Time-->



#52

Toluene

Concen: 0.210 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060117.D

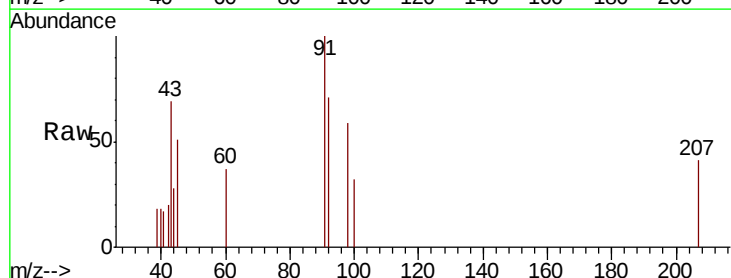
Acq: 17 Feb 2020 14:22

Tgt Ion: 92 Resp: 1106

Ion Ratio Lower Upper

92 100

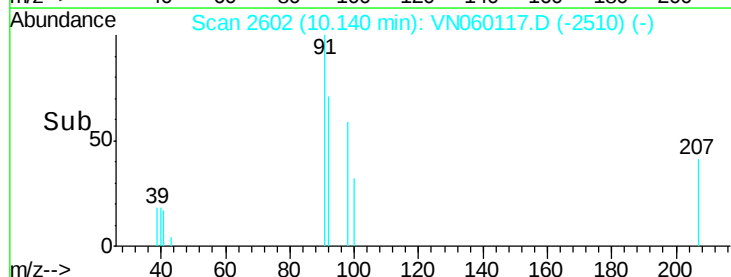
91 164.5 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN060069.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060069.D (-2588) (-)

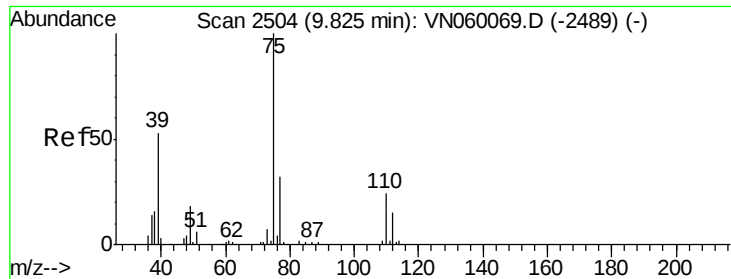
Time-->



Abundance Ion 92.00 (91.70 to 92.70): VN060117.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VN060117.D (-2510) (-)

Time-->



#54

cis-1,3-Dichloropropene

Concen: 7.235 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA\_N

ClientSampleId :

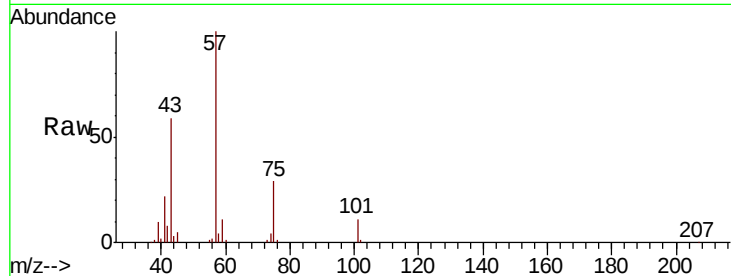
Tot Ion: 75 Resp: 25171

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

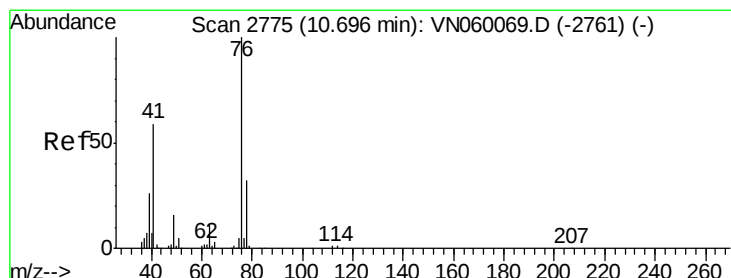
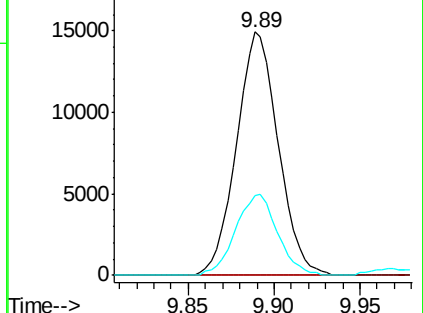
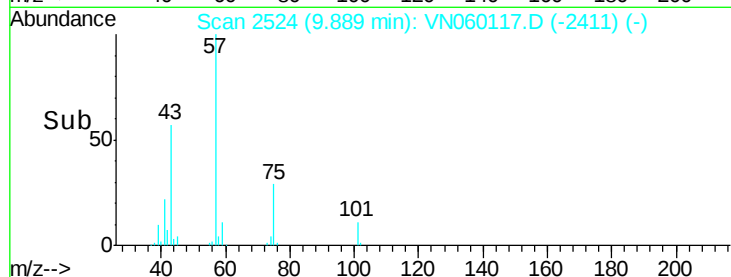
39 32.8 42.2 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VN060117.D (-2411) (-)

Ion 76.90 (76.60 to 77.60): VN060117.D (-2411) (-)

Ion 39.00 (38.70 to 39.70): VN060117.D (-2411) (-)



#57

1,3-Dichloropropane

Concen: 1.201 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060117.D

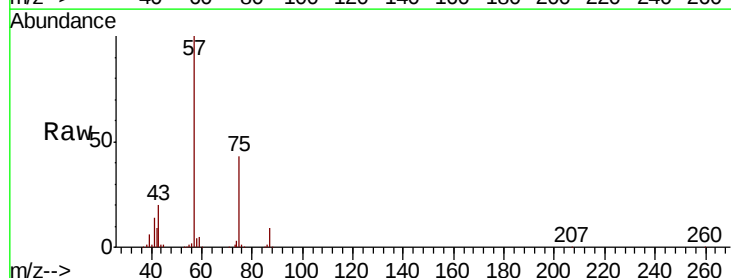
Acq: 17 Feb 2020 14:22

Tgt Ion: 76 Resp: 4081

Ion Ratio Lower Upper

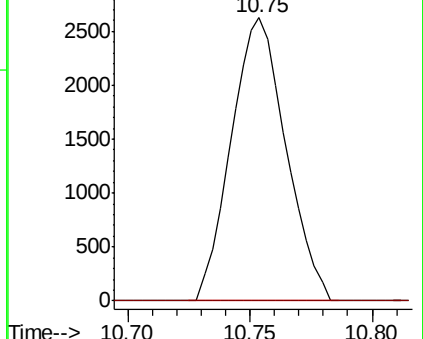
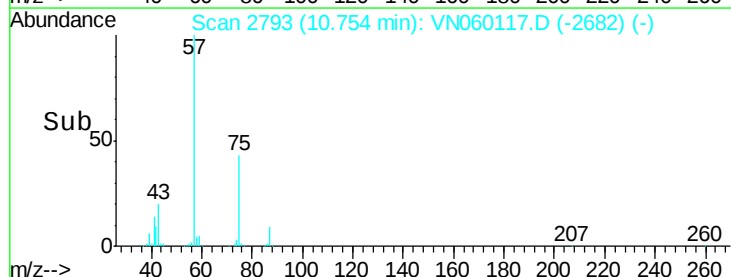
76 100

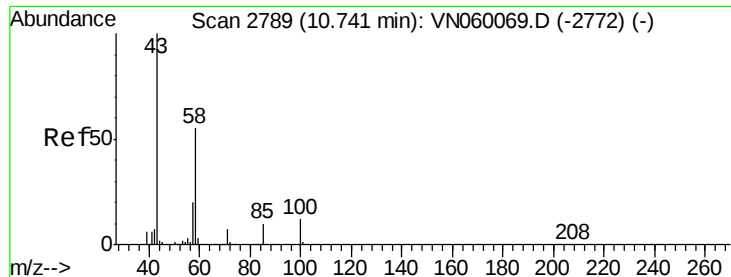
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN060117.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060117.D (-2682) (-)

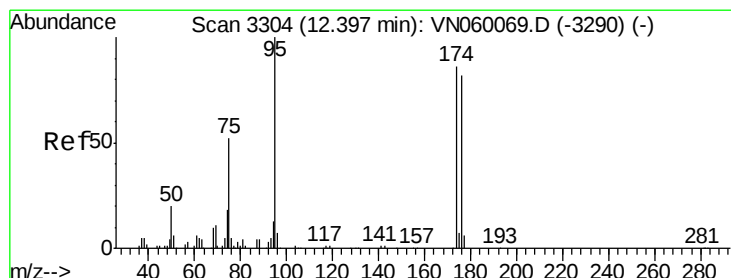
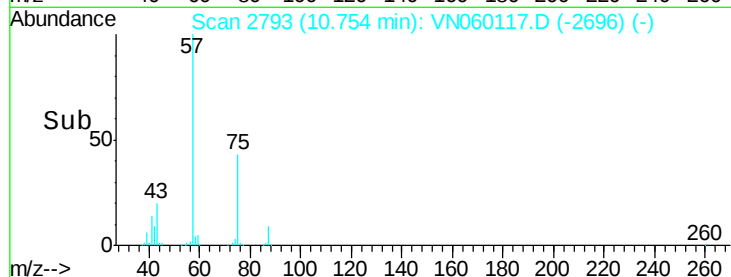
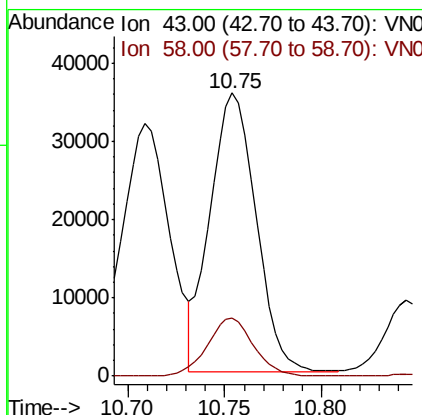
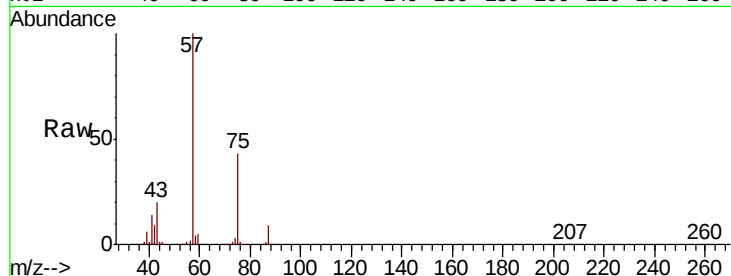




#59  
2-Hexanone  
Concen: 30.861 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.01 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

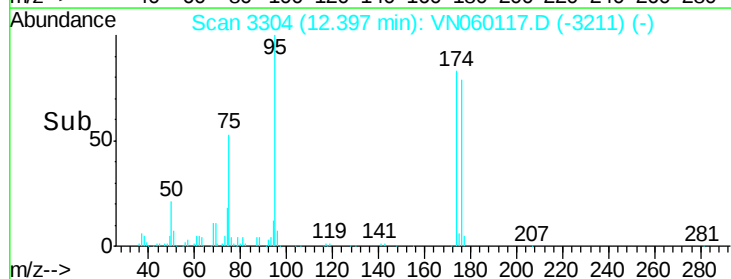
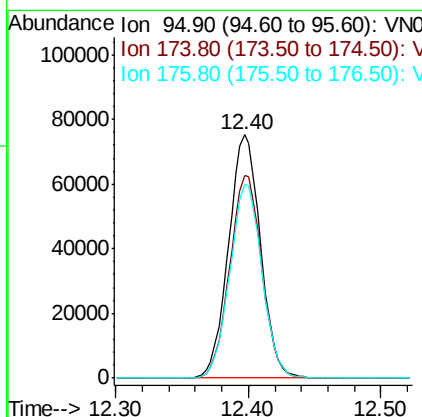
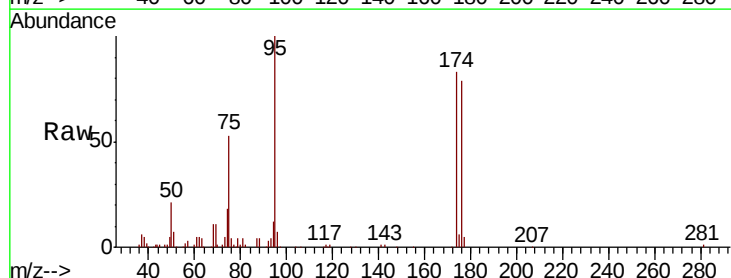
Instrument :  
MSVOA\_N  
ClientSampleId :

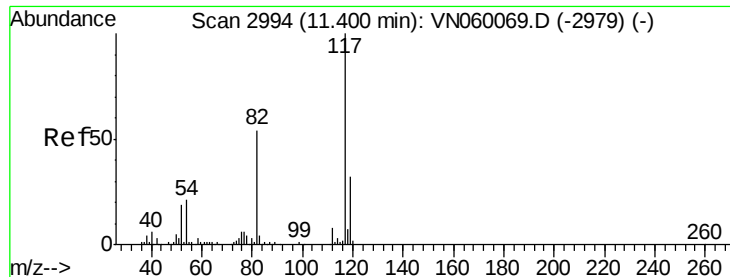
Tot Ion: 43 Resp: 59138  
Ion Ratio Lower Upper  
43 100  
58 20.7 27.5 82.4#



#62  
4-Bromofluorobenzene  
Concen: 47.237 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.00 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

Tgt Ion: 95 Resp: 125839  
Ion Ratio Lower Upper  
95 100  
174 83.4 0.0 169.8  
176 80.1 0.0 164.8

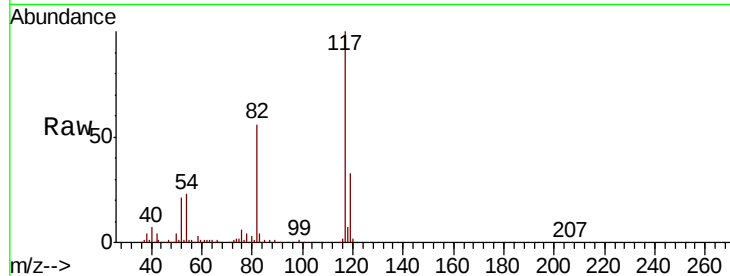




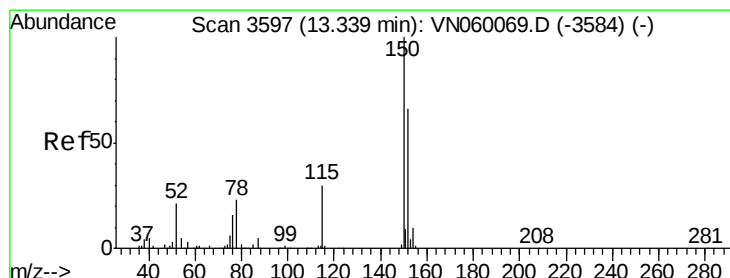
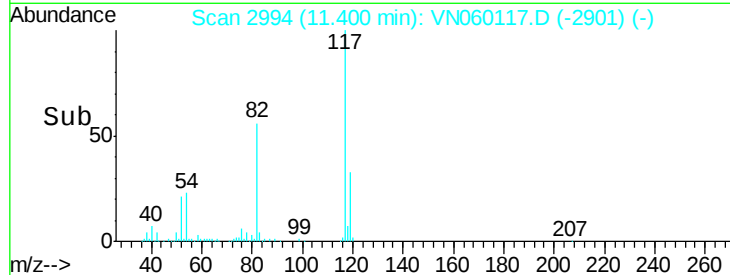
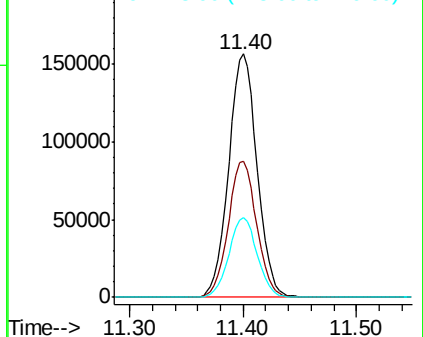
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:117 Resp: 272909  
Ion Ratio Lower Upper  
117 100  
82 56.1 43.4 65.0  
119 32.7 25.8 38.6

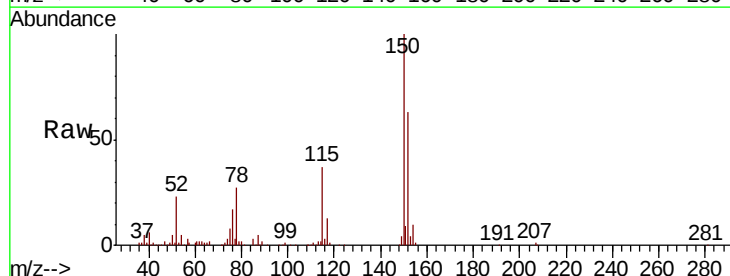


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

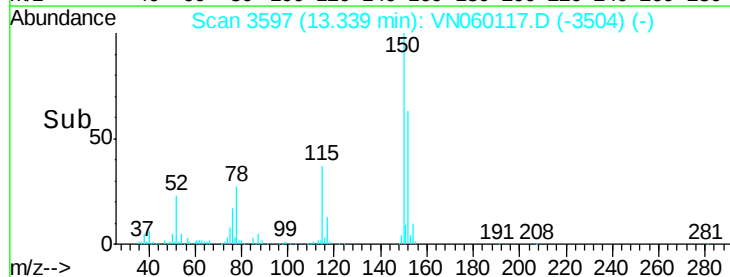
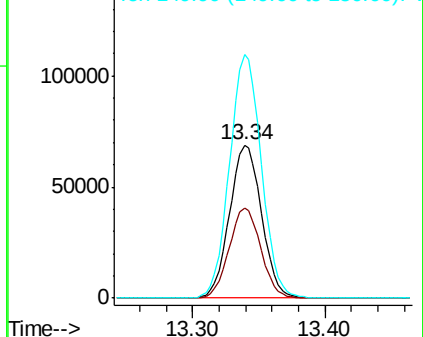


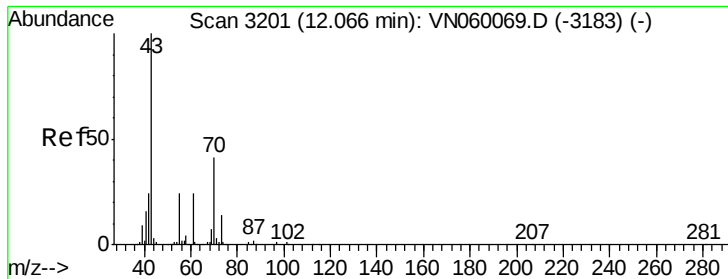
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. 0.00 min  
Lab File: VN060117.D  
Acq: 17 Feb 2020 14:22

Tgt Ion:152 Resp: 115192  
Ion Ratio Lower Upper  
152 100  
115 58.4 28.9 86.8  
150 158.3 0.0 342.4



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-amvl acetate

Concen: 1.064 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 43 Resp: 3301

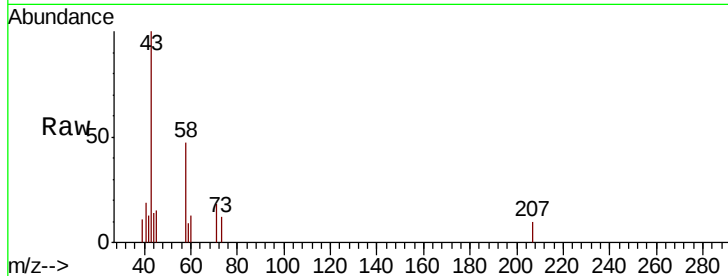
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 18.8 28.2#

61 0.0 19.2 28.8#

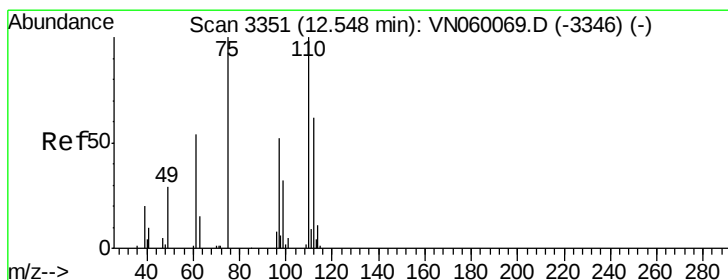
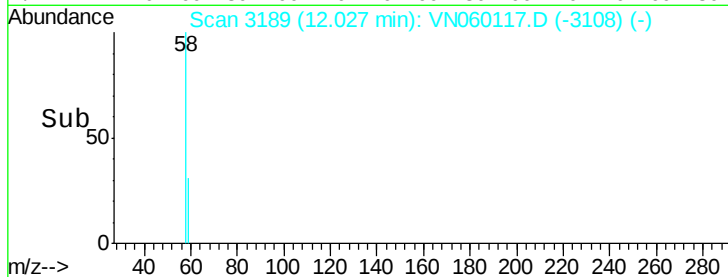
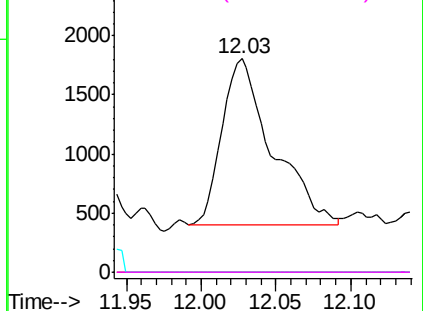


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 29.954 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060117.D

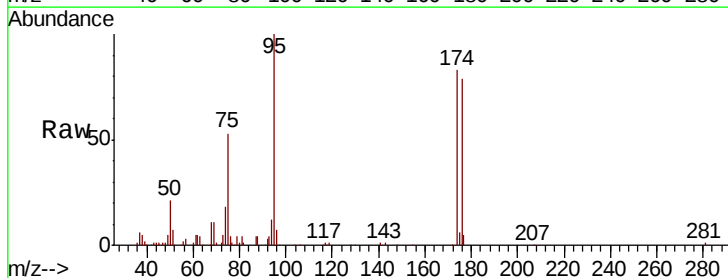
Acq: 17 Feb 2020 14:22

Tgt Ion: 75 Resp: 66015

Ion Ratio Lower Upper

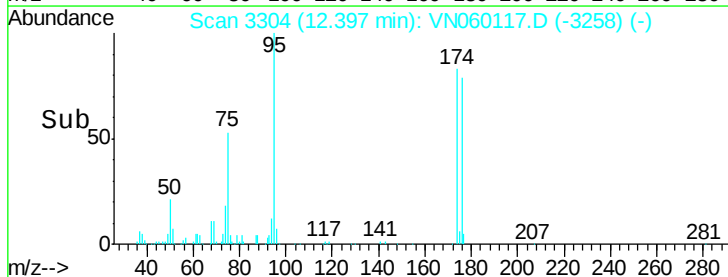
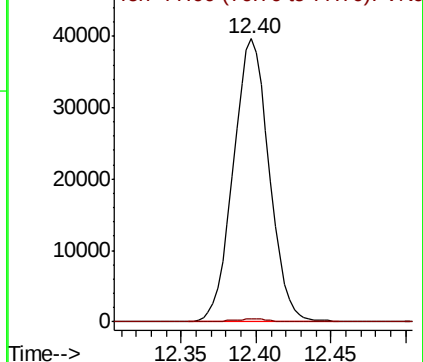
75 100

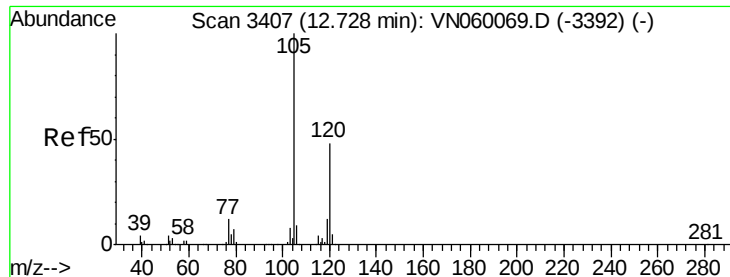
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

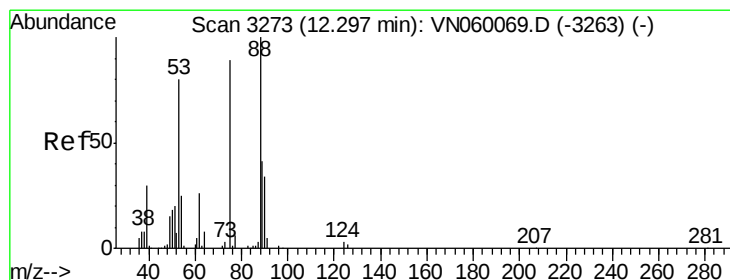
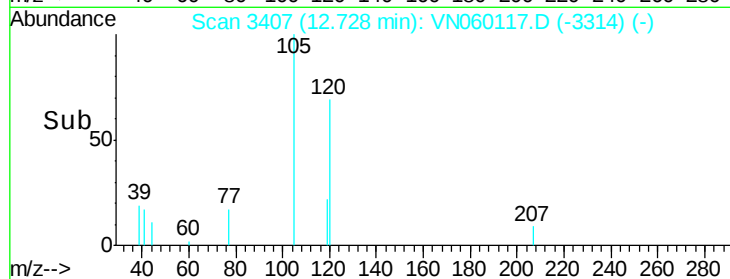
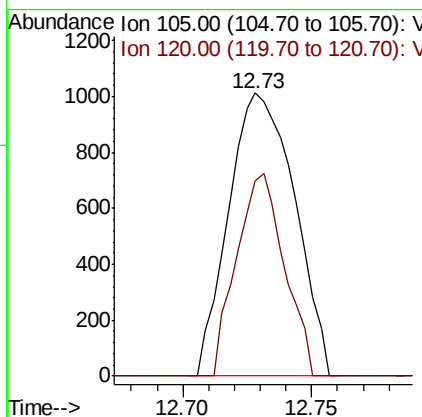
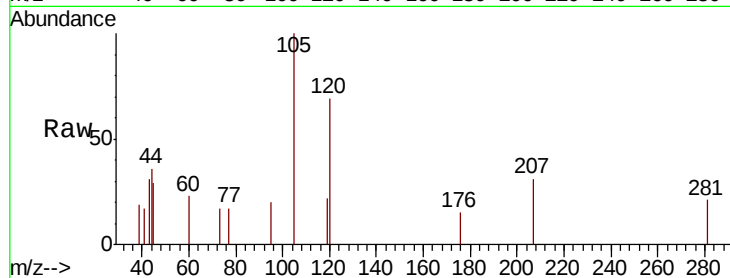




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.252 ug/l  
 RT: 12.73 min Scan# 3407  
 Delta R.T. 0.00 min  
 Lab File: VN060117.D  
 Acq: 17 Feb 2020 14:22

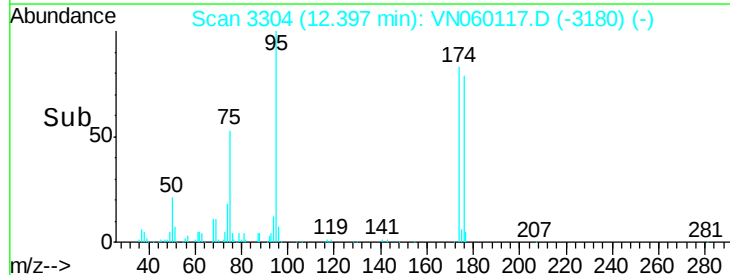
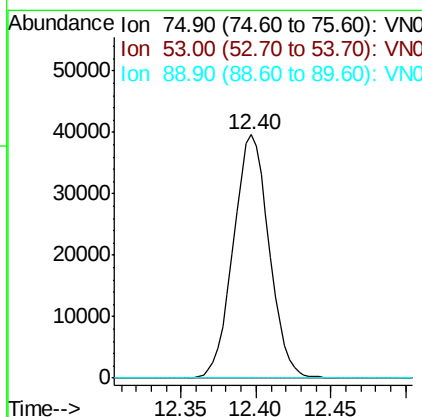
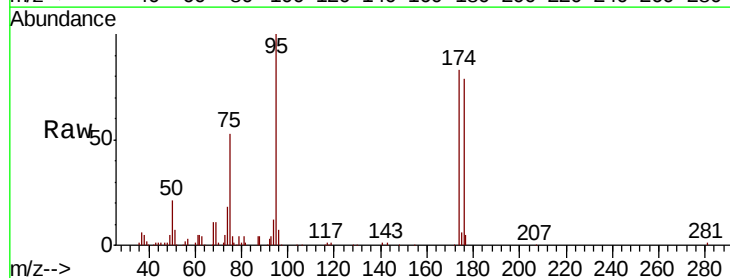
Instrument :  
 MSVOA\_N  
 ClientSampleId :

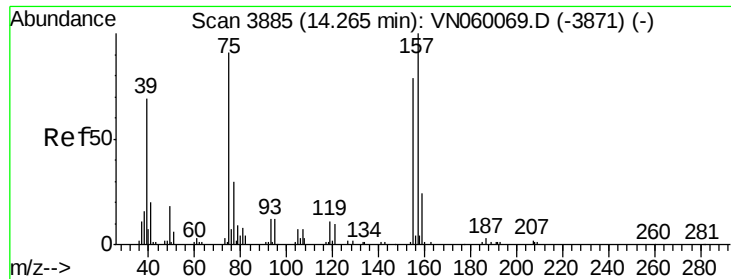
Tot Ion: 105 Resp: 1800  
 Ion Ratio Lower Upper  
 105 100  
 120 51.8 24.3 72.9



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 73.343 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. 0.10 min  
 Lab File: VN060117.D  
 Acq: 17 Feb 2020 14:22

Tgt Ion: 75 Resp: 66015  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 73.9 110.9#  
 89 0.0 37.0 55.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3888

Delta R.T. 0.01 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA\_N

ClientSampleId :

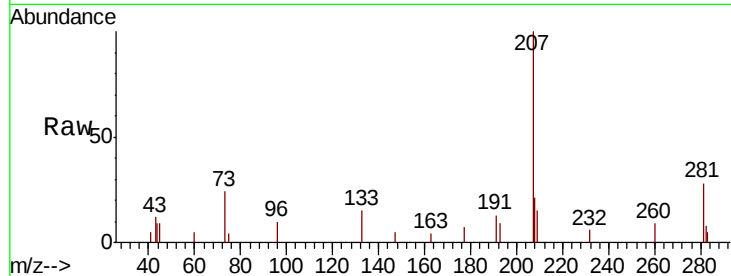
Tot Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#



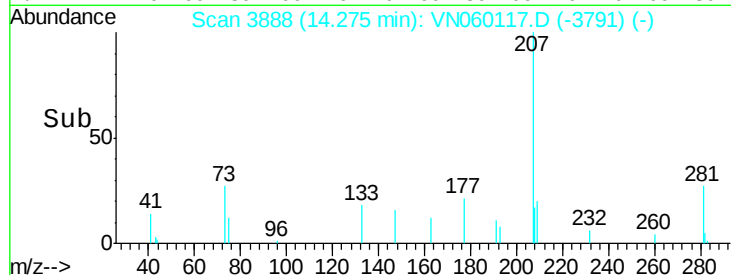
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

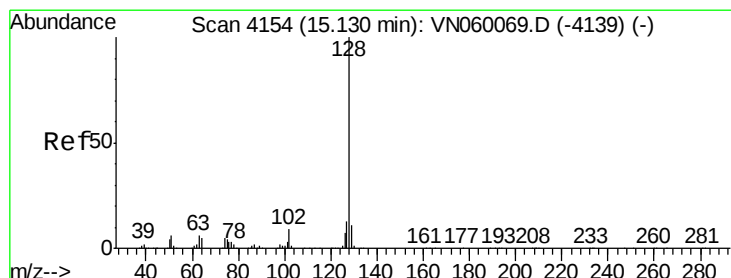
Ion 156.80 (156.50 to 157.50): V

14.27

14.28



Time-->



#95

Naphthalene

Concen: 0.234 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

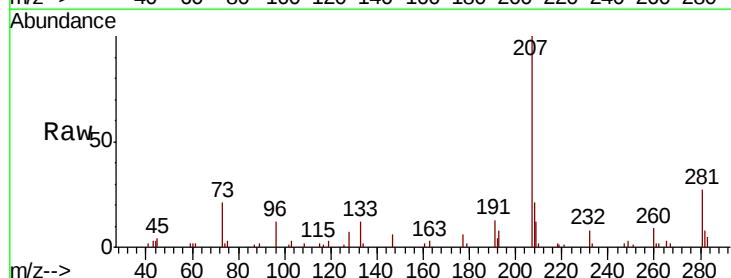
Tgt Ion: 128 Resp: 1371

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#



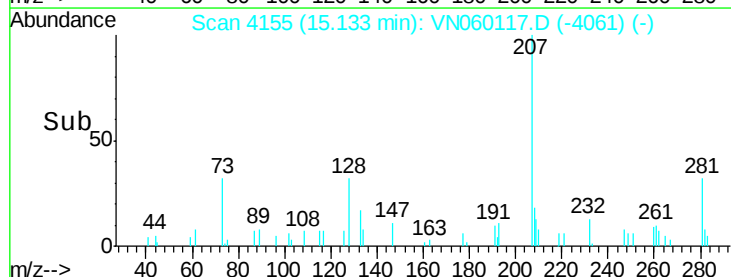
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13

15.15



Time-->