

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\  
 Data File : VN056828.D  
 Acq On : 19 Jul 2019 13:44  
 Operator : JC/SP  
 Sample : PB121463ZHE#13  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 19 23:14:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:03:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 273658   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 492673   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 539644   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 196805   | 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   | 162108   | 53.55 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.10% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 146726   | 47.86 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.72%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 630795   | 53.27 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.54% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 235034   | 58.86 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 117.72% |          |

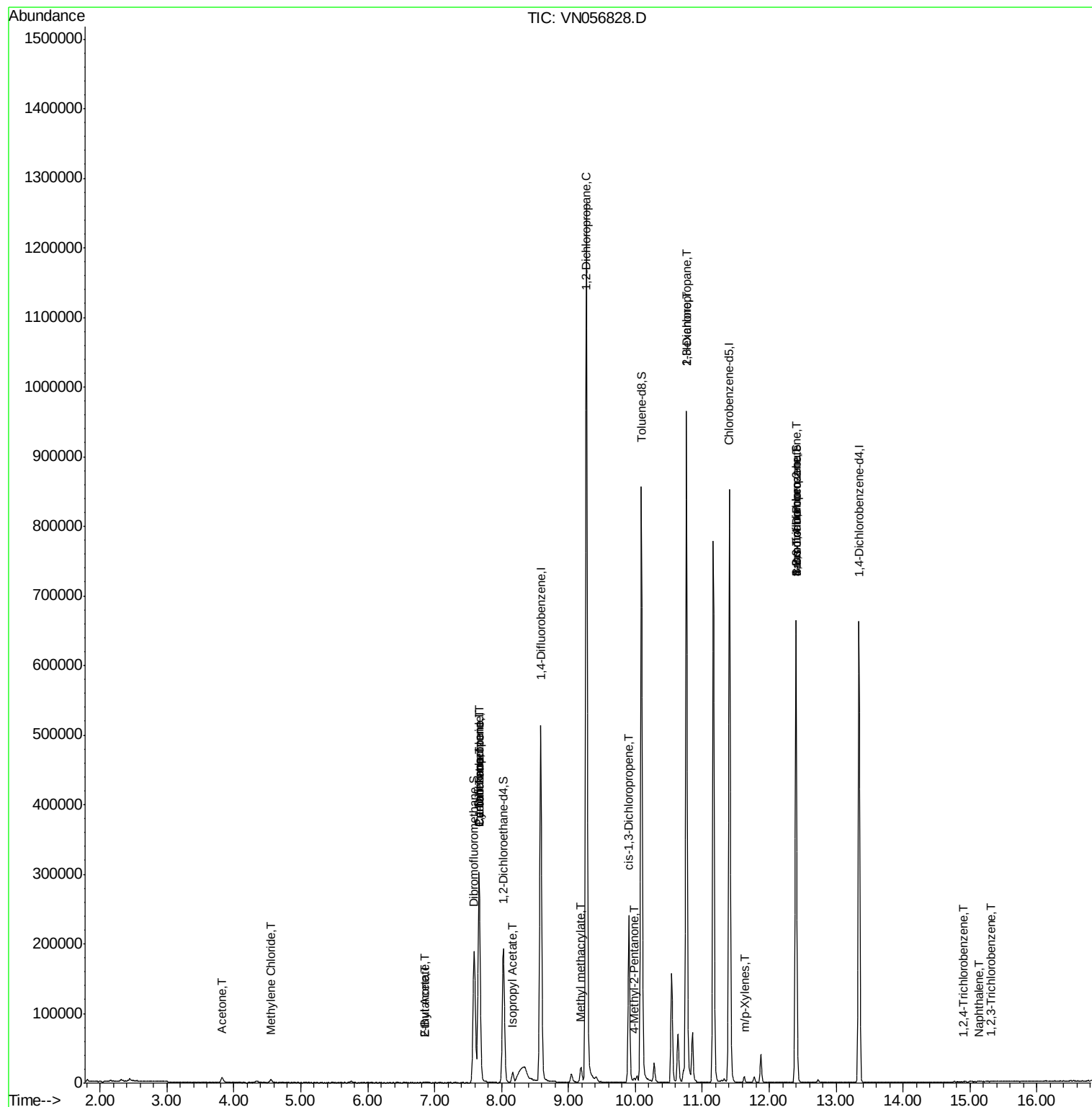
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 16) Acetone                    | 3.82  | 43   | 13057    | 9.360     | ug/l   | 96     |
| 18) Methyl Acetate             | 4.33  | 43   | 2631     | Below Cal | #      | 80     |
| 20) Methylene Chloride         | 4.55  | 84   | 3433     | 1.126     | ug/l   | 95     |
| 25) 2-Butanone                 | 6.85  | 43   | 2330     | 1.142     | ug/l   | 97     |
| 31) Cyclohexane                | 7.67  | 56   | 3940     | 0.814     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 17347    | 3.805     | ug/l # | 49     |
| 37) Ethyl Acetate              | 6.85  | 43   | 2330     | 0.519     | ug/l # | 68     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 23367    | 5.465     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 17723    | 2.509     | ug/l # | 85     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 1541     | 0.415     | ug/l # | 45     |
| 48) Methyl methacrylate        | 9.18  | 41   | 8414     | 2.463     | ug/l # | 13     |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 3749     | 0.819     | ug/l   | 96     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 46524    | 8.791     | ug/l # | 62     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 9940     | 1.749     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.76 | 43   | 141321   | 43.048    | ug/l # | 51     |
| 68) m/p-Xylenes                | 11.63 | 106  | 2786     | 0.384     | ug/l   | 97     |
| 71) Bromoform                  | 12.40 | 173  | 1747     | 0.565     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 108838   | 25.285    | ug/l # | 100    |
| 79) 2-Chlorotoluene            | 12.73 | 91   | 103      | Below Cal | #      | 39     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 108838   | 78.089    | ug/l # | 13     |
| 83) tert-Butylbenzene          | 12.74 | 119  | 138      | Below Cal | #      | 27     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 100      | 3.715     | ug/l # | 86     |
| 95) Naphthalene                | 15.13 | 128  | 547      | 4.573     | ug/l # | 69     |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 199      | 3.372     | ug/l # | 66     |

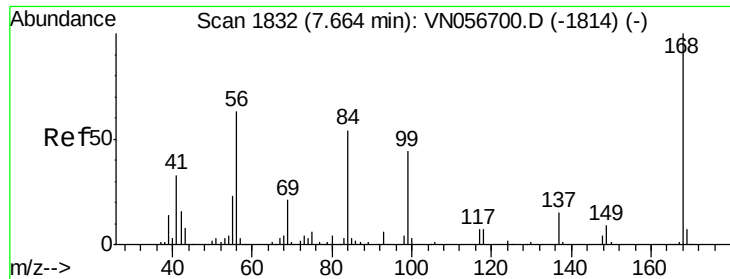
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071919\  
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Acq On : 19 Jul 2019 13:44  
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Sample : PB121463ZHE#13  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jul 19 23:14:18 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 16 07:03:34 2019  
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: VN056828.D

Acq: 19 Jul 2019 13:44

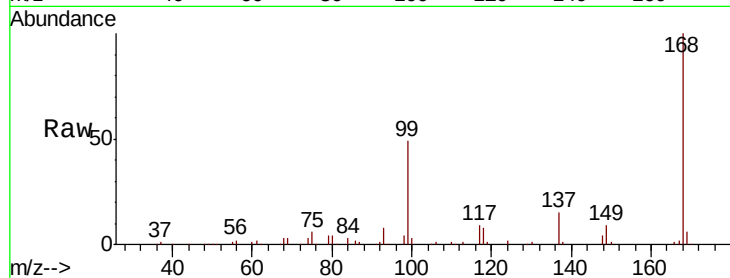
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 273658

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

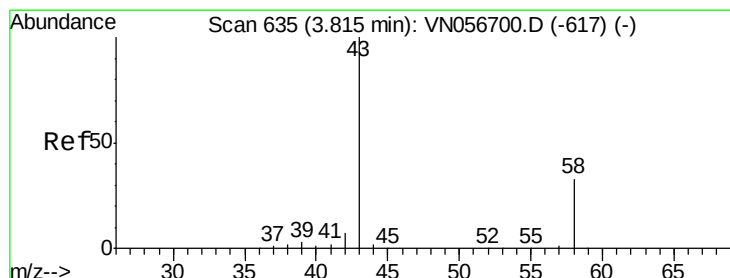
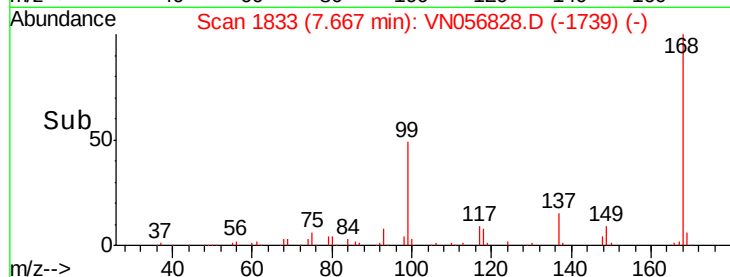
7.67

100000

50000

0

Time-->



#16

Acetone

Concen: 9.360 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056828.D

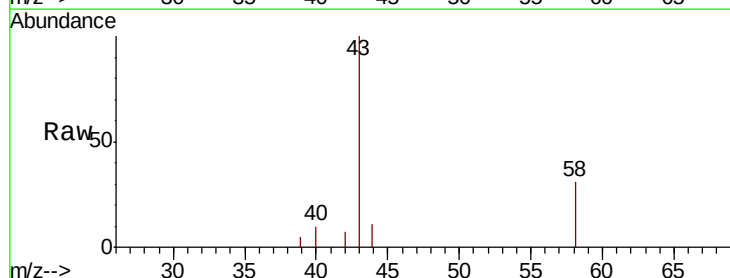
Acq: 19 Jul 2019 13:44

Tgt Ion: 43 Resp: 13057

Ion Ratio Lower Upper

43 100

58 31.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

5000

4000

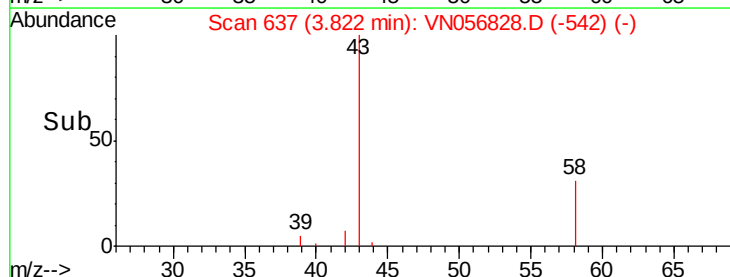
3000

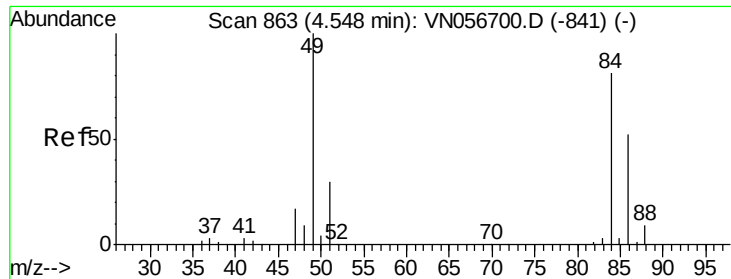
2000

1000

0

Time-->

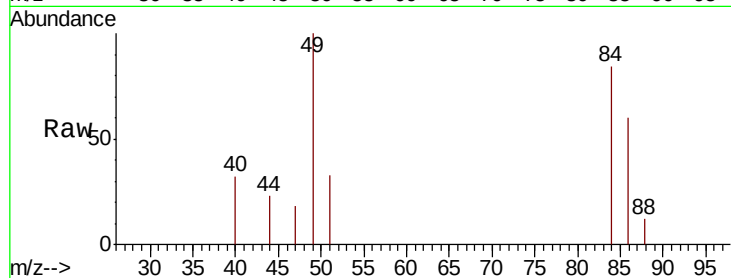




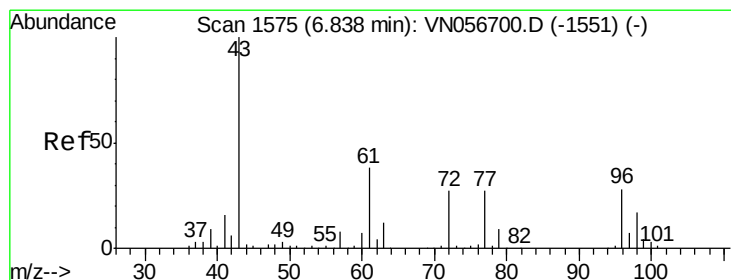
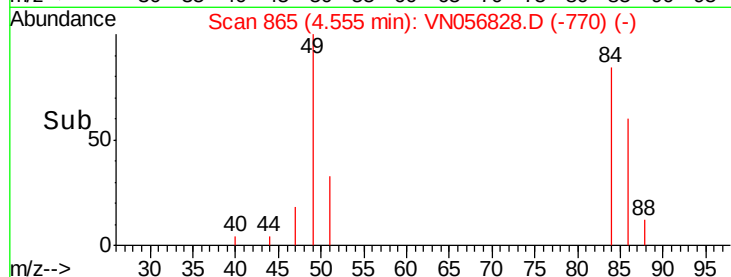
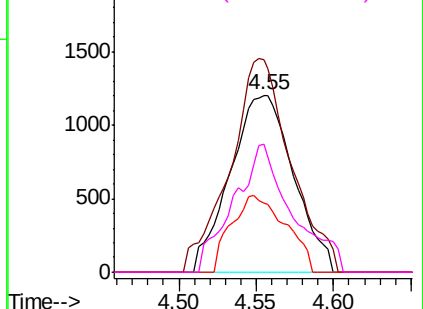
#20  
Methvlene Chloride  
Concen: 1.126 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.01 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 84 Resp: 3433  
Ion Ratio Lower Upper  
84 100  
49 119.8 98.2 147.4  
51 39.1 29.6 44.4  
86 71.9 51.0 76.4

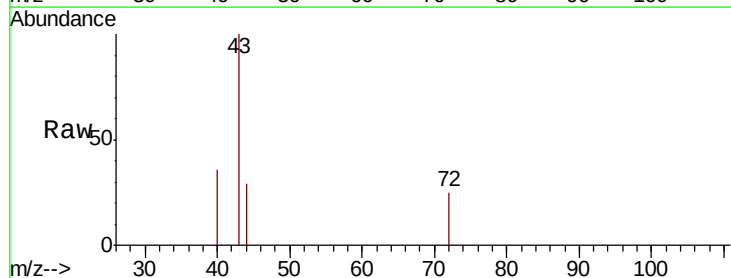


Abundance Ion 83.90 (83.60 to 84.60): VN0  
Ion 48.90 (48.60 to 49.60): VN0  
Ion 50.90 (50.60 to 51.60): VN0  
Ion 85.90 (85.60 to 86.60): VN0

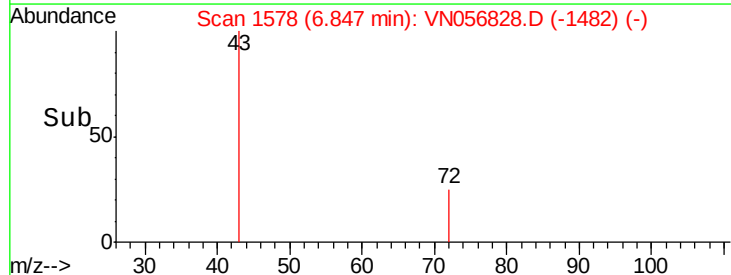
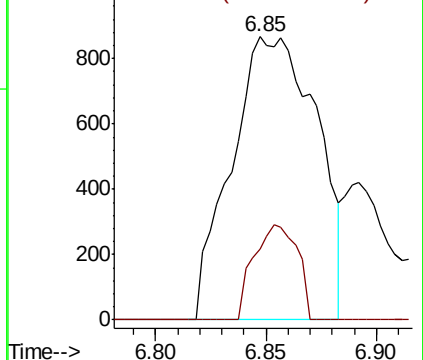


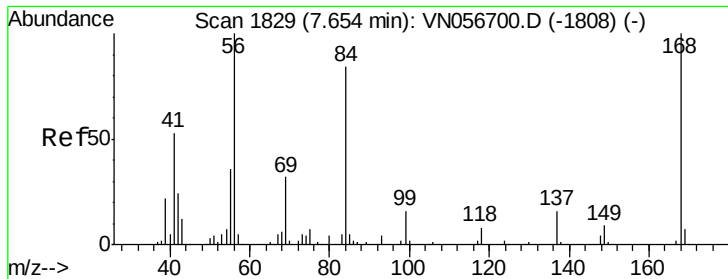
#25  
2-Butanone  
Concen: 1.142 ug/l  
RT: 6.85 min Scan# 1578  
Delta R.T. 0.01 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

Tgt Ion: 43 Resp: 2330  
Ion Ratio Lower Upper  
43 100  
72 24.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0

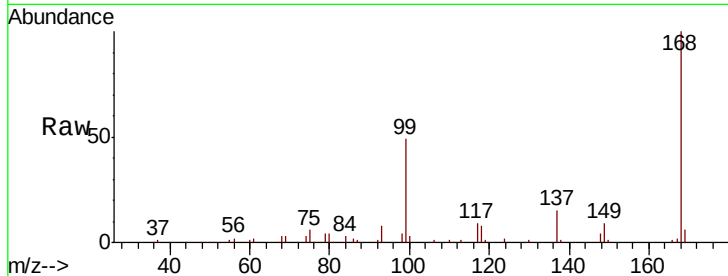




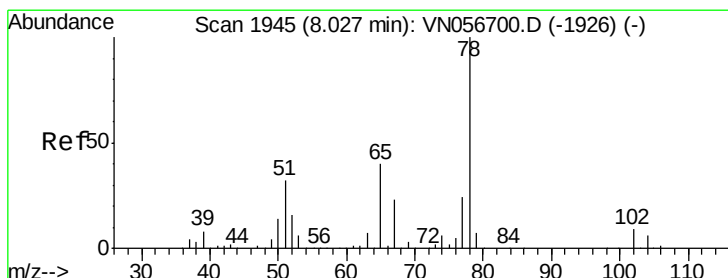
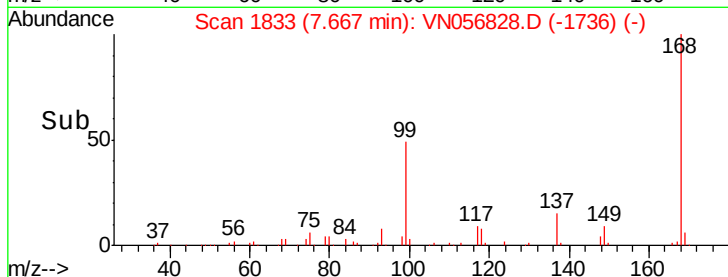
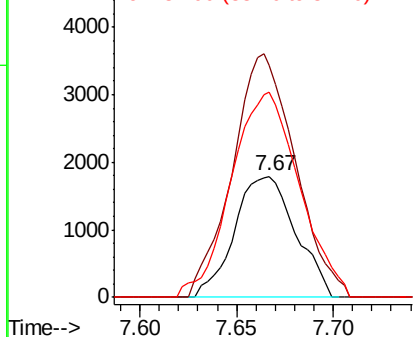
#31  
Cyclohexane  
Concen: 0.814 ug/l  
RT: 7.67 min Scan# 1833  
Delta R.T. 0.01 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 3940  
Ion Ratio Lower Upper  
56 100  
69 192.1 25.8 38.8#  
84 158.0 67.4 101.0#

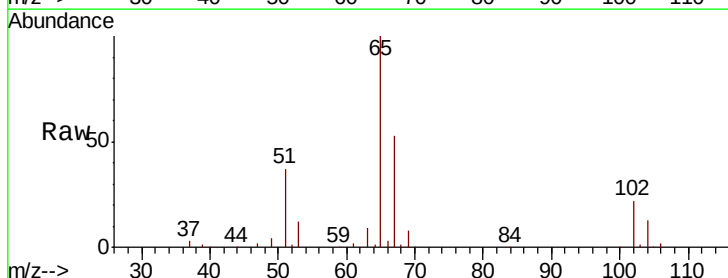


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

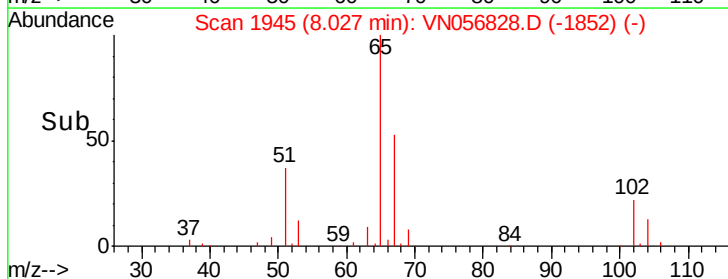
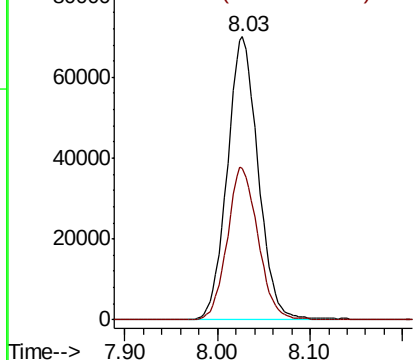


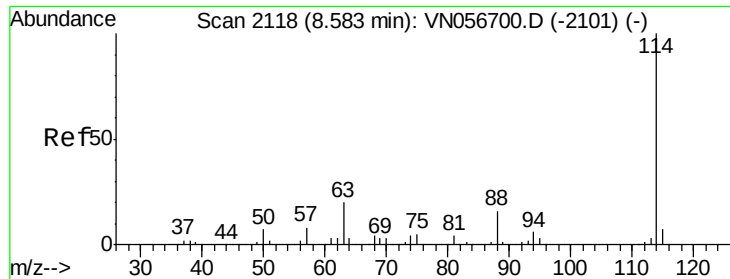
#33  
1,2-Dichloroethane-d4  
Concen: 53.553 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. -0.00 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

Tgt Ion: 65 Resp: 162108  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0  
Ion 66.90 (66.60 to 67.60): VN0

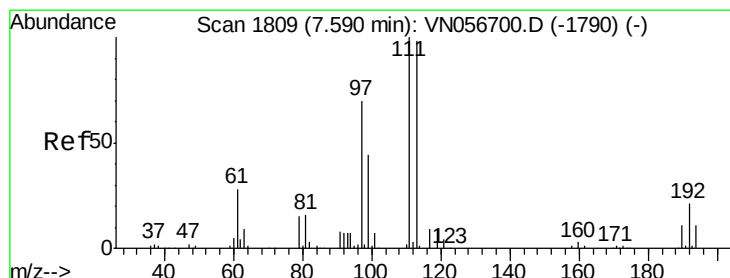
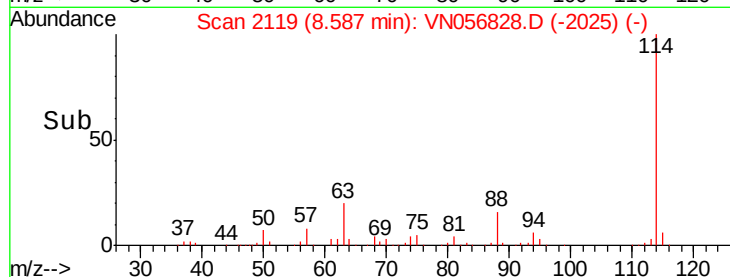
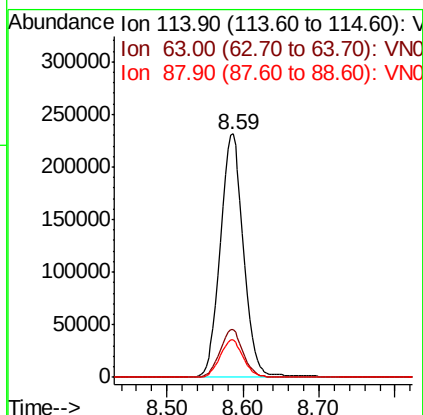
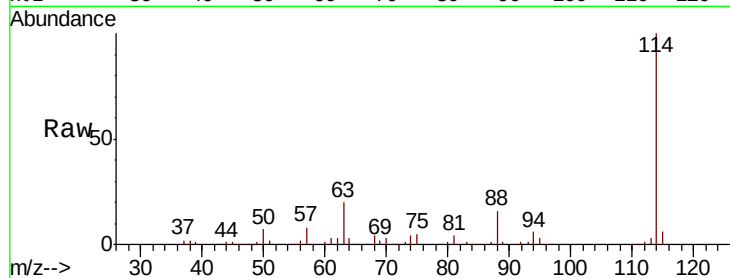




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.59 min Scan# 2119  
Delta R.T. 0.00 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

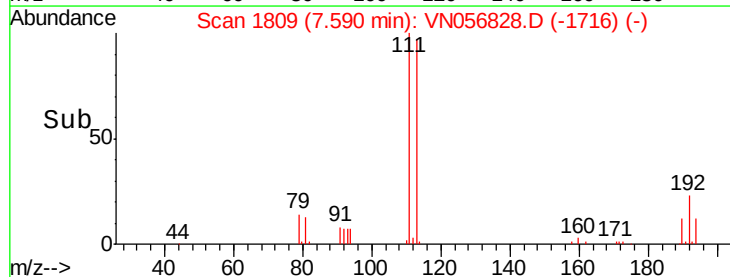
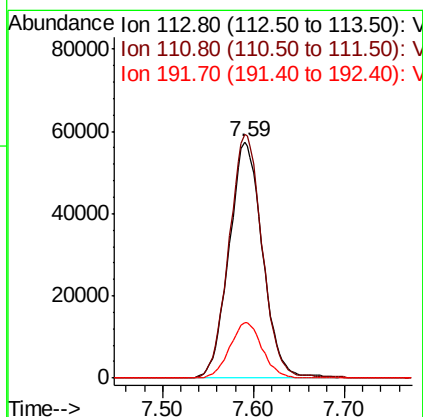
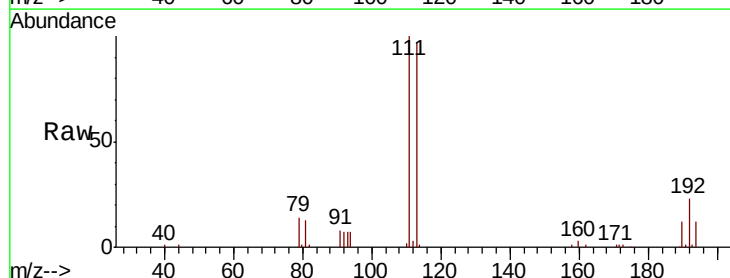
Instrument :  
MSVOA\_N  
ClientSampleId :

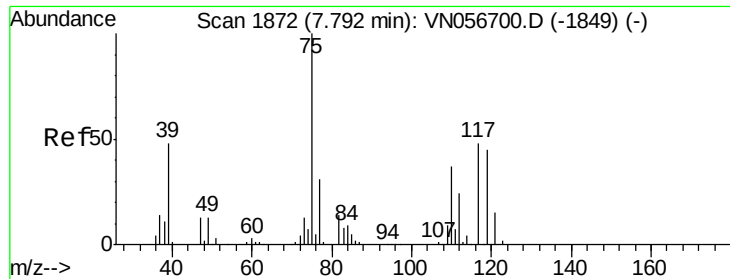
Tot Ion:114 Resp: 492673  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 39.4  
88 15.6 0.0 31.2



#35  
Dibromofluoromethane  
Concen: 47.856 ug/l  
RT: 7.59 min Scan# 1809  
Delta R.T. -0.00 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

Tgt Ion:113 Resp: 146726  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.8 122.6  
192 22.7 17.5 26.3

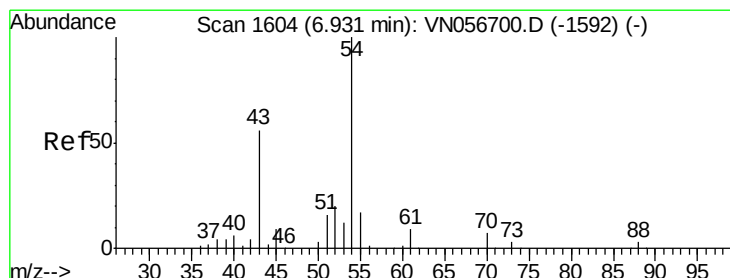
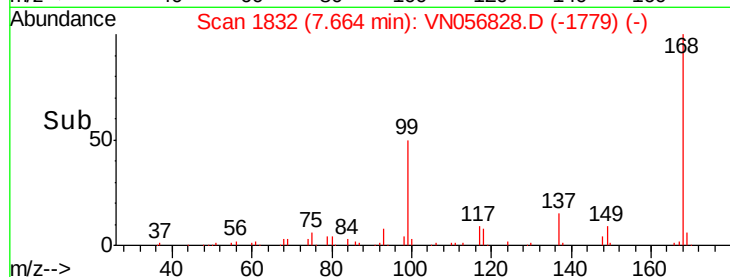
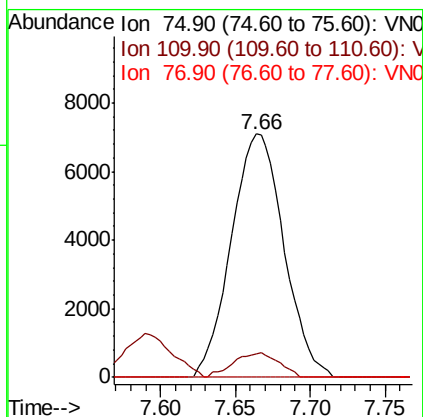
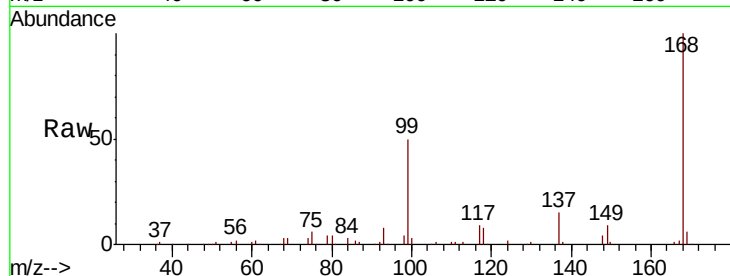




#36  
 1,1-Dichloropropene  
 Concen: 3.805 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.13 min  
 Lab File: VN056828.D  
 Acq: 19 Jul 2019 13:44

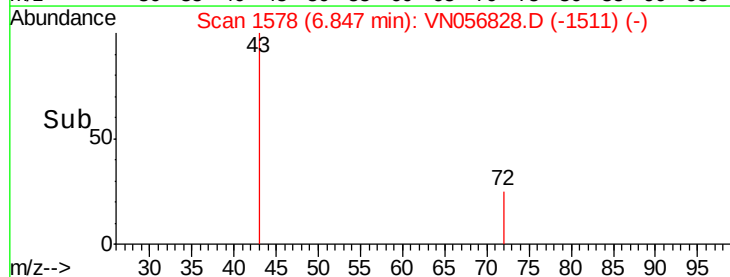
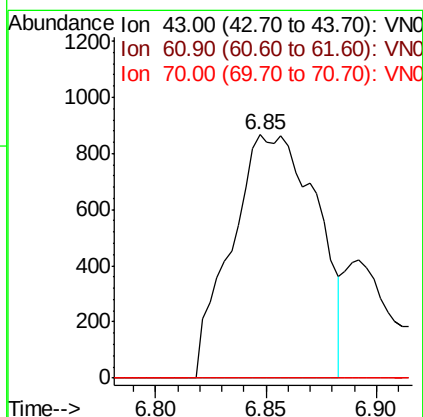
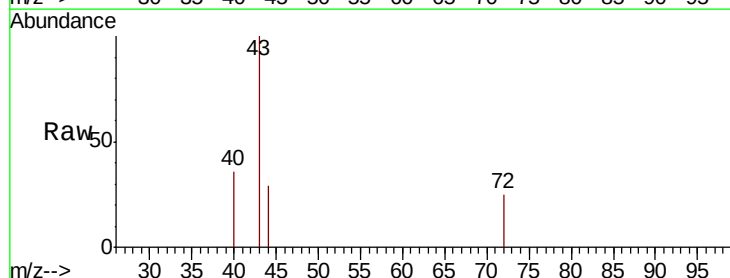
Instrument :  
 MSVOA\_N  
 ClientSampleId :

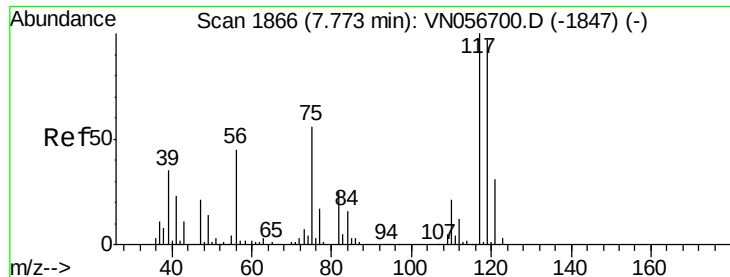
| Tot Ion   | 75    | Resp  | 17347 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 8.8   | 18.4  | 55.4# |
| 77        | 0.0   | 24.6  | 36.8# |



#37  
 Ethyl Acetate  
 Concen: 0.519 ug/l  
 RT: 6.85 min Scan# 1578  
 Delta R.T. -0.08 min  
 Lab File: VN056828.D  
 Acq: 19 Jul 2019 13:44

| Tgt Ion   | 43    | Resp  | 2330  |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 0.0   | 11.3  | 16.9# |
| 70        | 0.0   | 8.5   | 12.7# |





#38

Carbon Tetrachloride

Concen: 5.465 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056828.D

Acq: 19 Jul 2019 13:44

Instrument :

MSVOA\_N

ClientSampled :

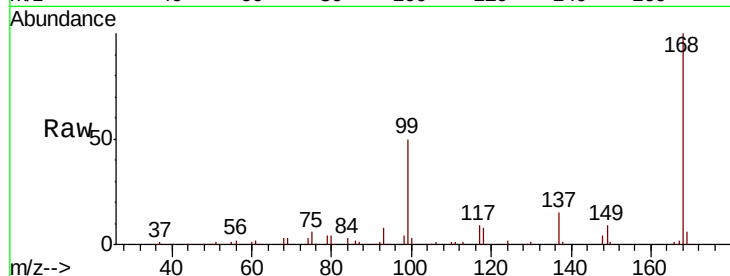
Tot Ion:117 Resp: 23367

Ion Ratio Lower Upper

117 100

119 5.7 77.5 116.3#

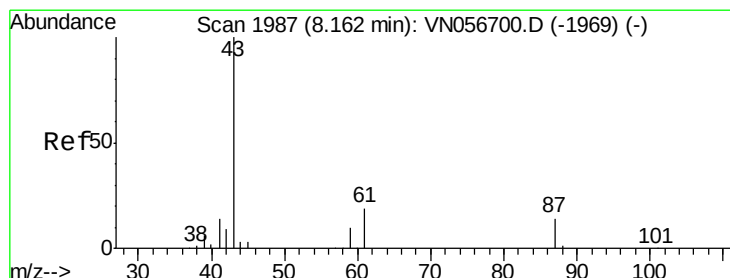
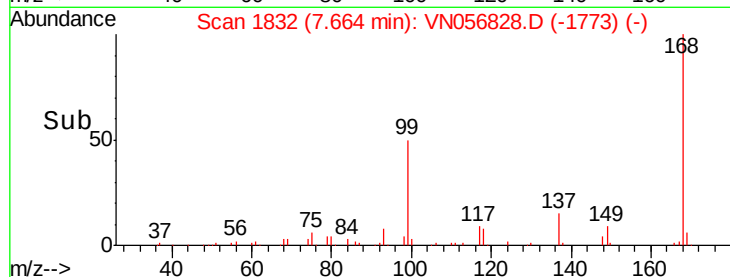
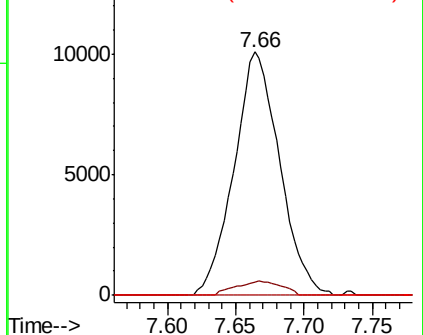
121 0.0 24.7 37.1#



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: 2.509 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056828.D

Acq: 19 Jul 2019 13:44

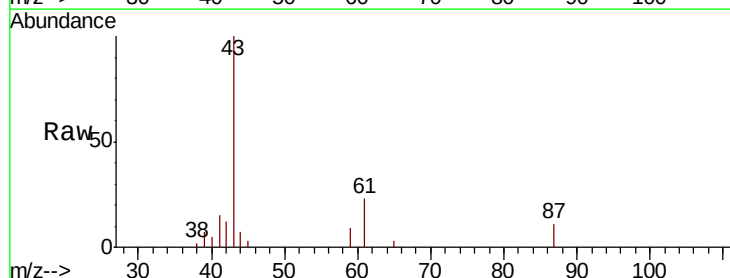
Tgt Ion: 43 Resp: 17723

Ion Ratio Lower Upper

43 100

61 21.0 22.3 33.5#

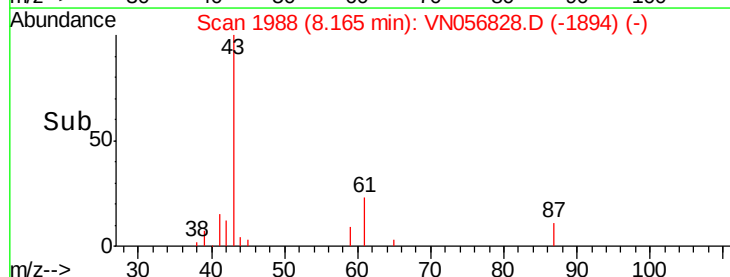
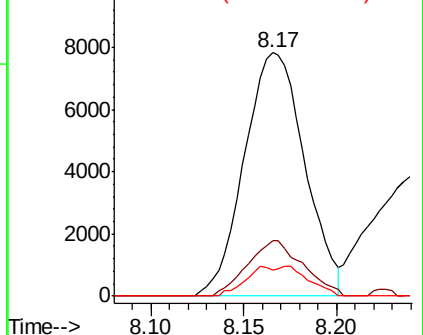
87 5.7 11.1 16.7#



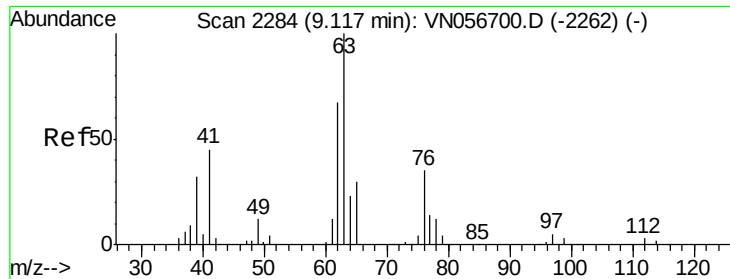
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



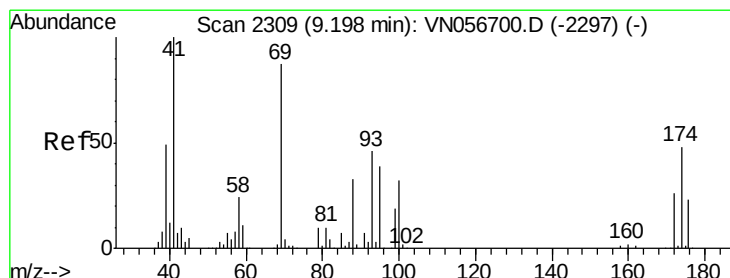
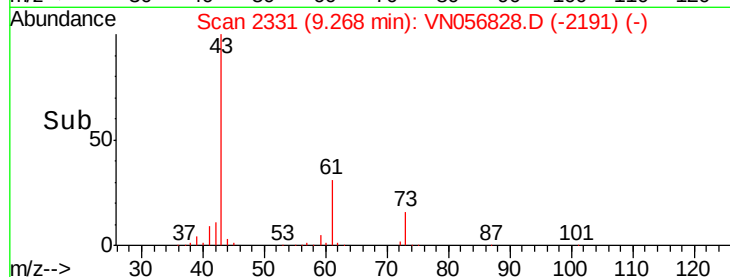
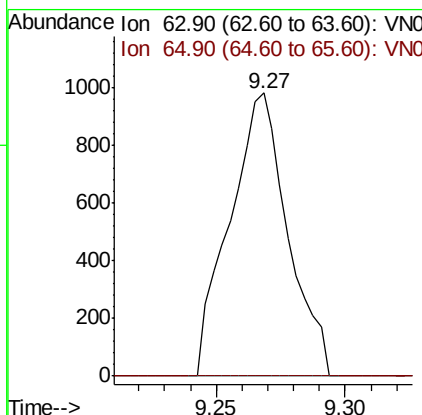
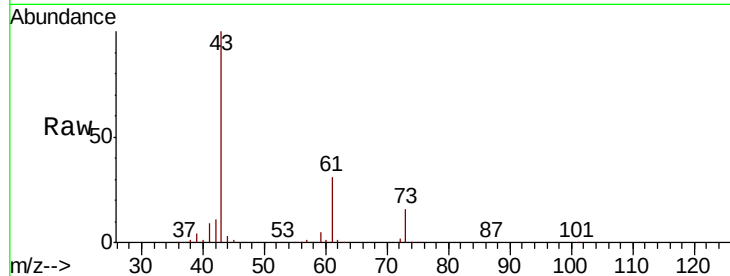




#45  
 1,2-Dichloropropane  
 Concen: 0.415 ug/l  
 RT: 9.27 min Scan# 2331  
 Delta R.T. 0.15 min  
 Lab File: VN056828.D  
 Acq: 19 Jul 2019 13:44

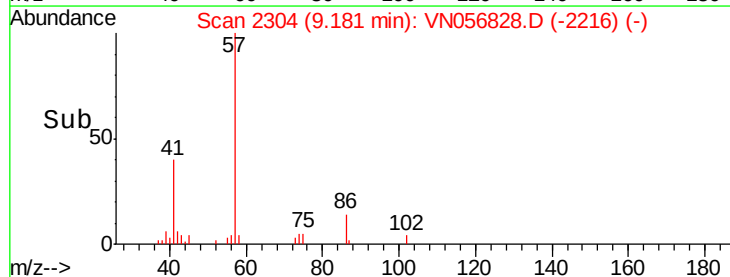
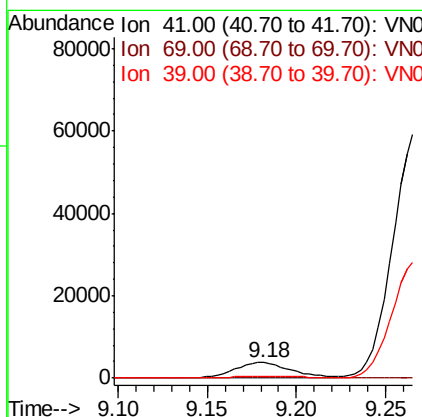
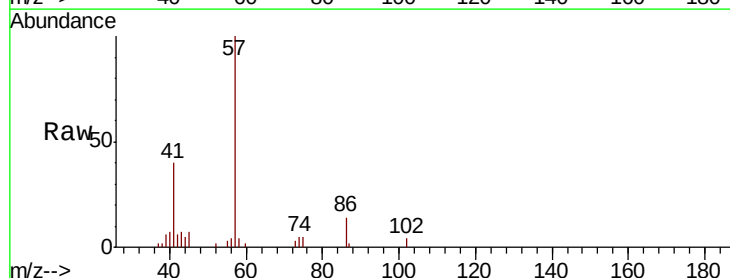
Instrument :  
 MSVOA\_N  
 ClientSampled :

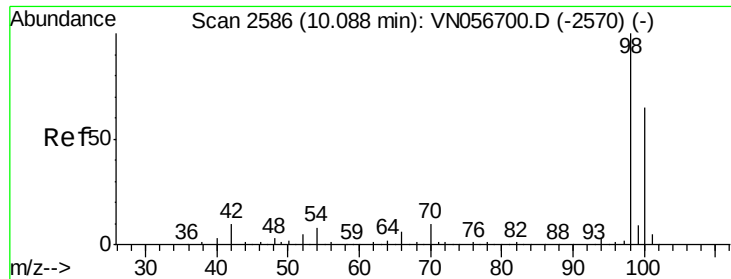
Tot Ion: 63 Resp: 1541  
 Ion Ratio Lower Upper  
 63 100  
 65 0.0 24.0 36.0#



#48  
 Methyl methacrylate  
 Concen: 2.463 ug/l  
 RT: 9.18 min Scan# 2304  
 Delta R.T. -0.02 min  
 Lab File: VN056828.D  
 Acq: 19 Jul 2019 13:44

Tgt Ion: 41 Resp: 8414  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 71.4 107.0#  
 39 0.0 41.2 61.8#

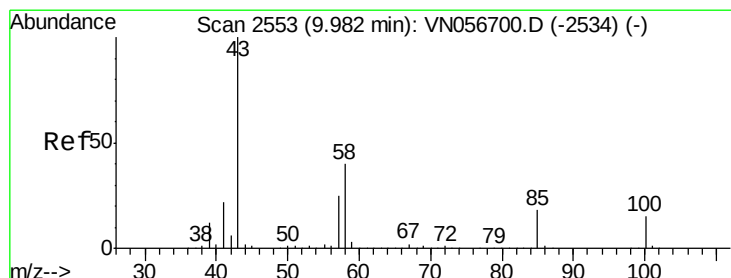
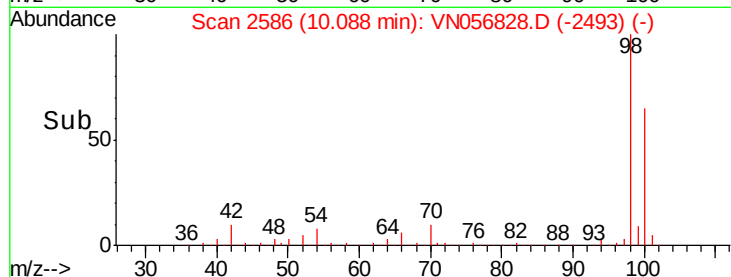
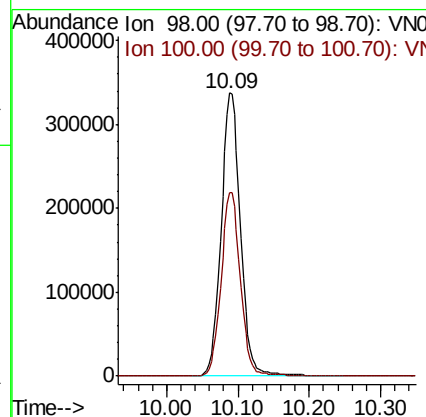
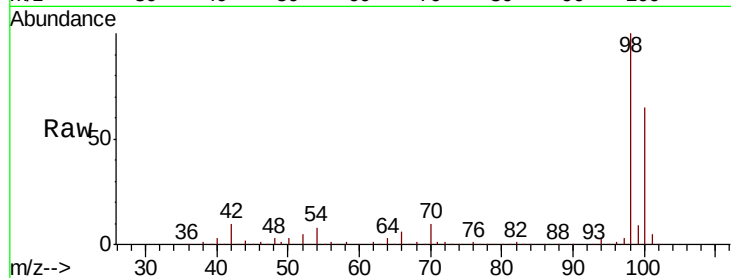




#50  
Toluene-d8  
Concen: 53.269 ug/l  
RT: 10.09 min Scan# 2586  
Delta R.T. -0.00 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

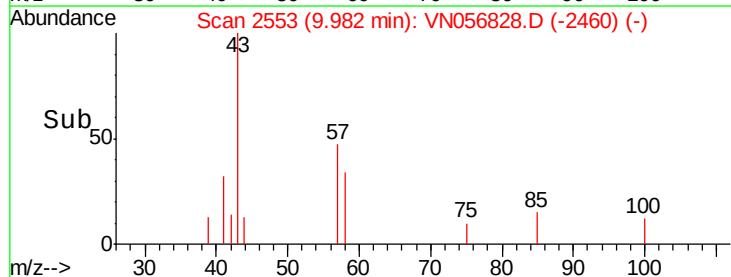
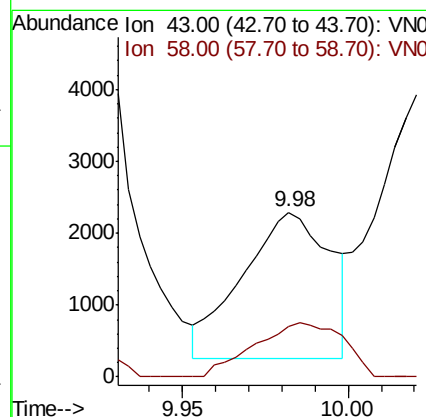
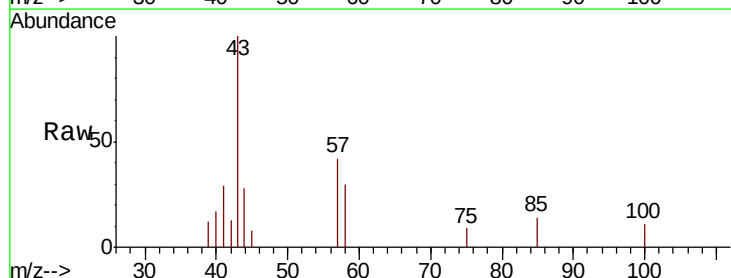
Instrument :  
MSVOA\_N  
ClientSampleId :

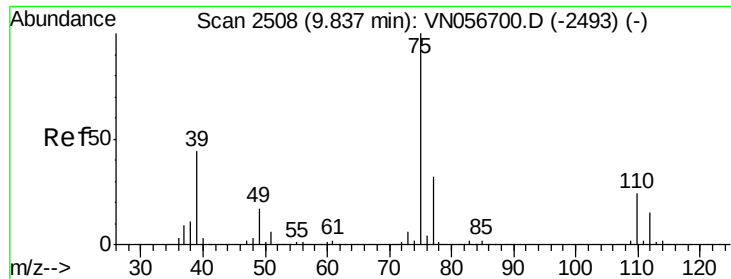
Tot Ion: 98 Resp: 630795  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.819 ug/l  
RT: 9.98 min Scan# 2553  
Delta R.T. -0.00 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

Tgt Ion: 43 Resp: 3749  
Ion Ratio Lower Upper  
43 100  
58 37.6 32.0 48.0



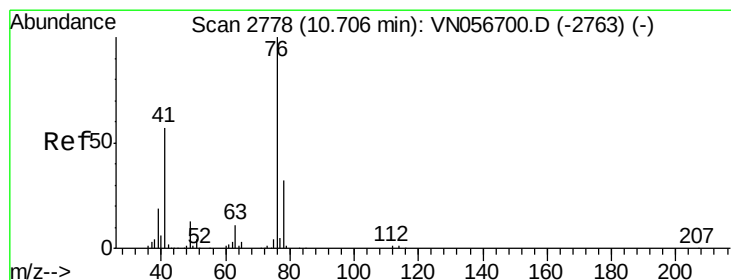
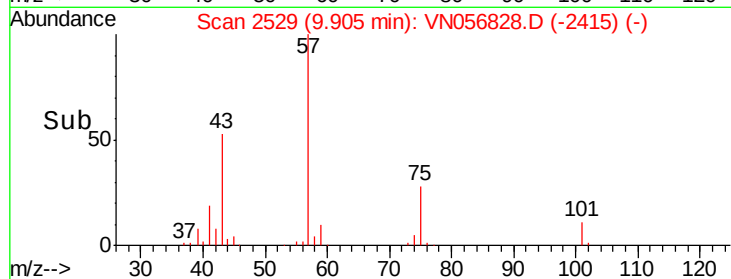
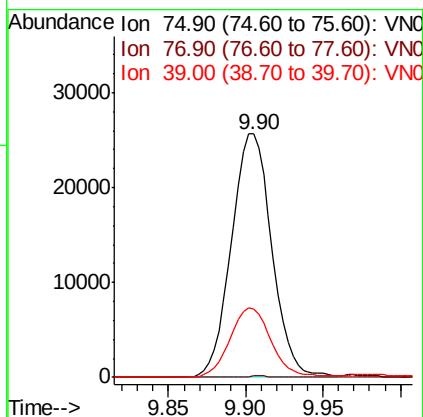
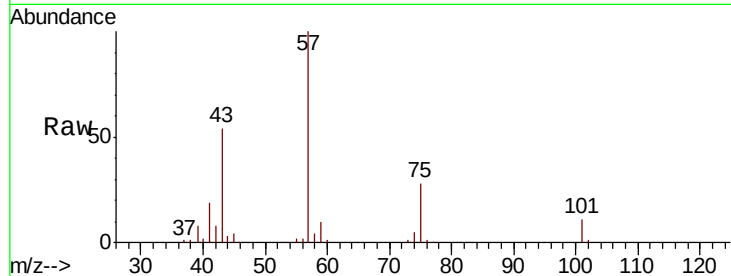


#54

cis-1,3-Dichloropropene  
 Concen: 8.791 ug/l  
 RT: 9.90 min Scan# 2529  
 Delta R.T. 0.07 min  
 Lab File: VN056828.D  
 Acq: 19 Jul 2019 13:44

Instrument :  
 MSVOA\_N  
 ClientSampled :

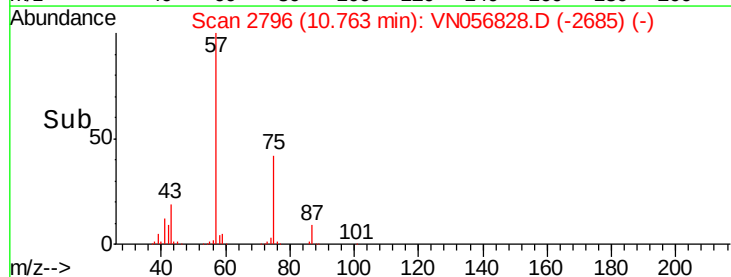
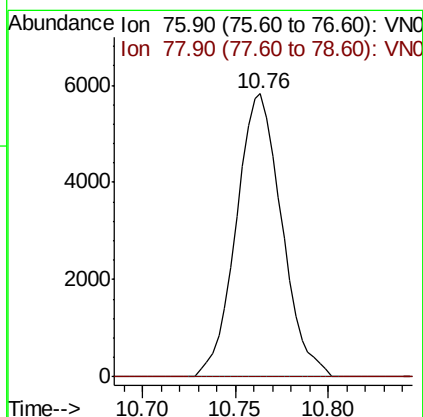
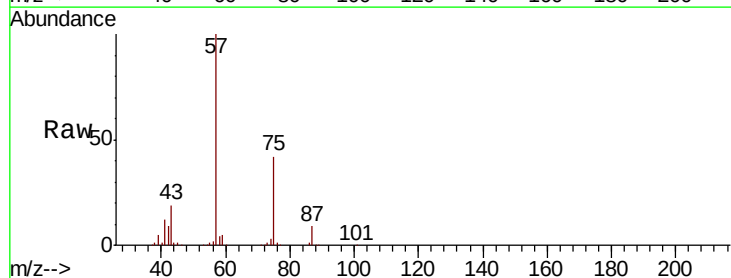
Tot Ion: 75 Resp: 46524  
 Ion Ratio Lower Upper  
 75 100  
 77 0.6 26.0 39.0#  
 39 27.9 35.1 52.7#

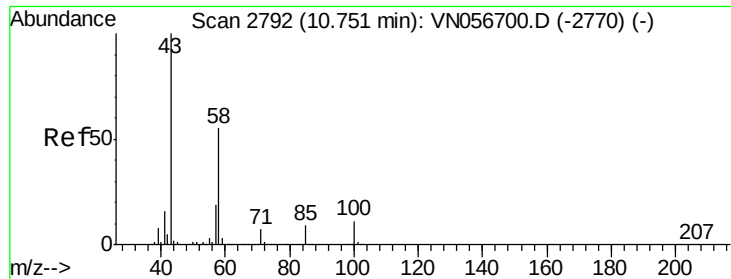


#57

1,3-Dichloropropane  
 Concen: 1.749 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.06 min  
 Lab File: VN056828.D  
 Acq: 19 Jul 2019 13:44

Tgt Ion: 76 Resp: 9940  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 26.0 39.0#

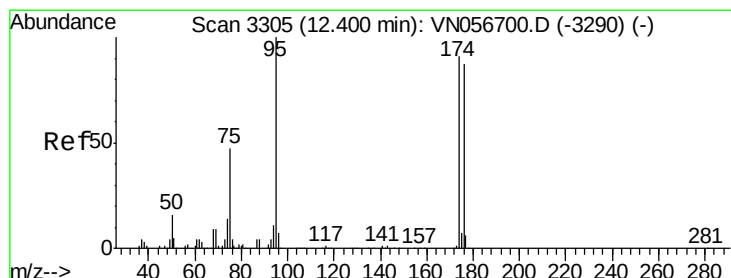
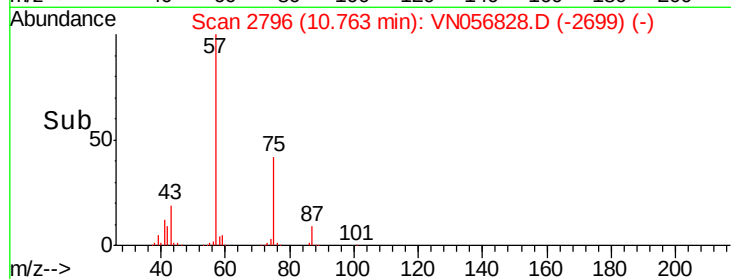
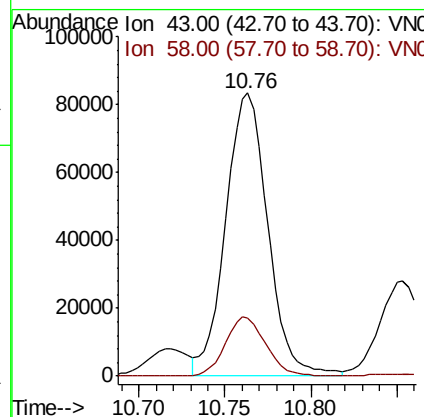
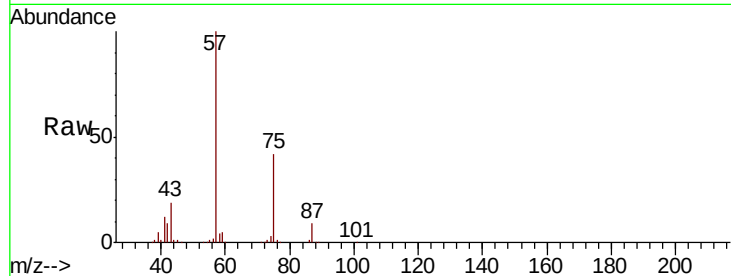




#59  
2-Hexanone  
Concen: 43.048 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

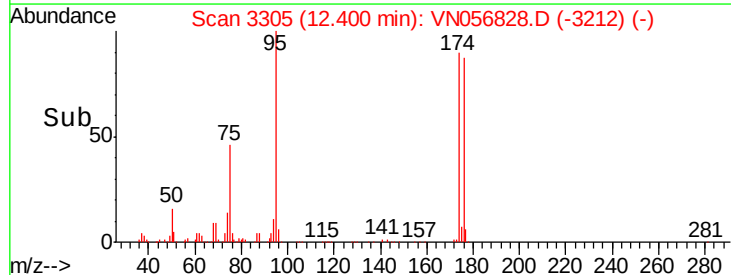
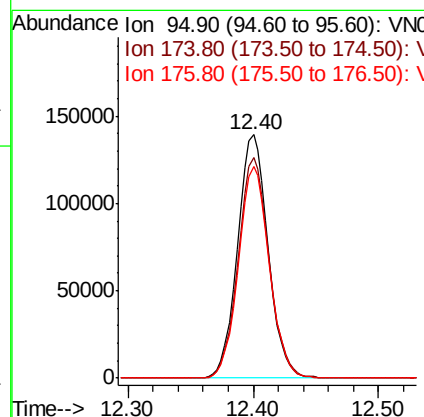
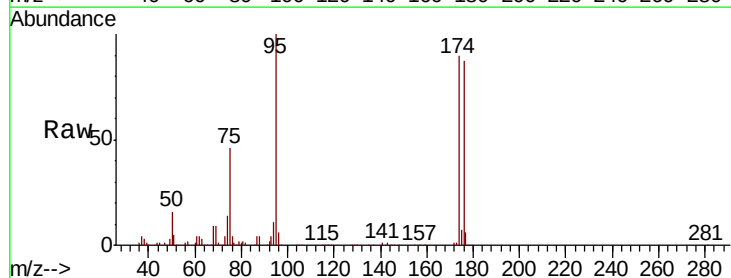
Instrument :  
MSVOA\_N  
ClientSampled :

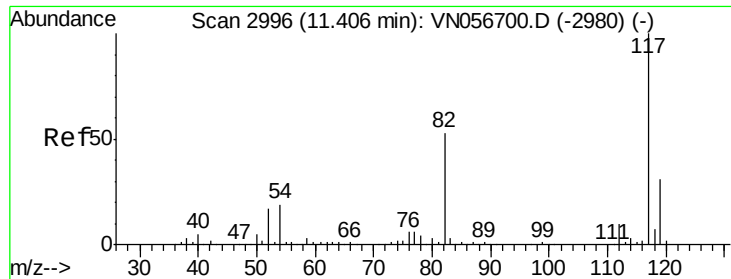
Tot Ion: 43 Resp: 141321  
Ion Ratio Lower Upper  
43 100  
58 20.2 27.9 83.6#



#62  
4-Bromofluorobenzene  
Concen: 58.856 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

Tgt Ion: 95 Resp: 235034  
Ion Ratio Lower Upper  
95 100  
174 91.8 0.0 180.0  
176 88.0 0.0 173.2

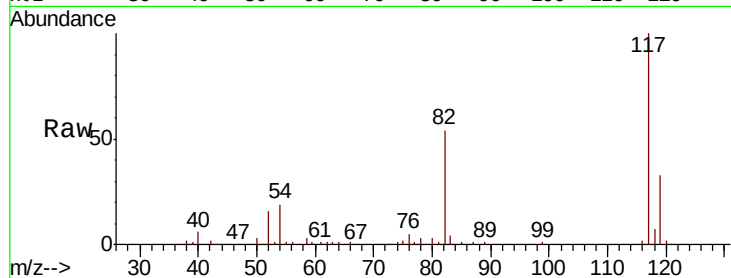




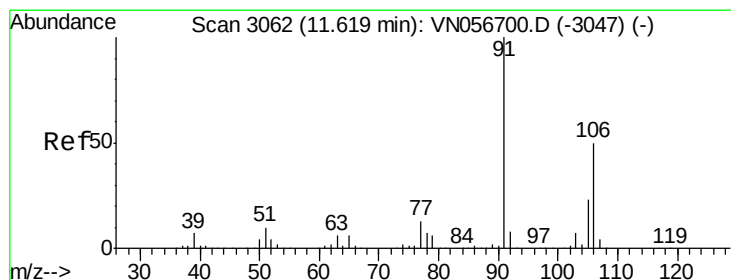
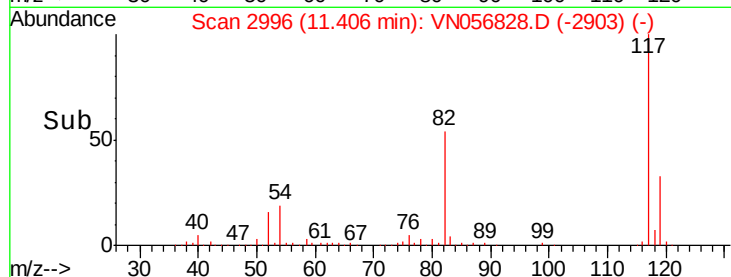
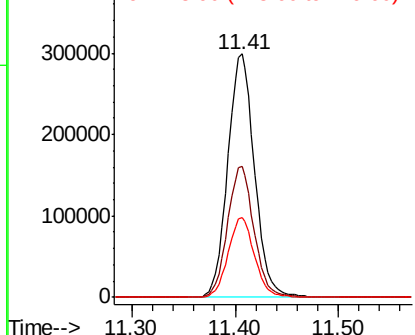
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:117 Resp: 539644  
Ion Ratio Lower Upper  
117 100  
82 53.9 42.2 63.2  
119 32.7 25.2 37.8

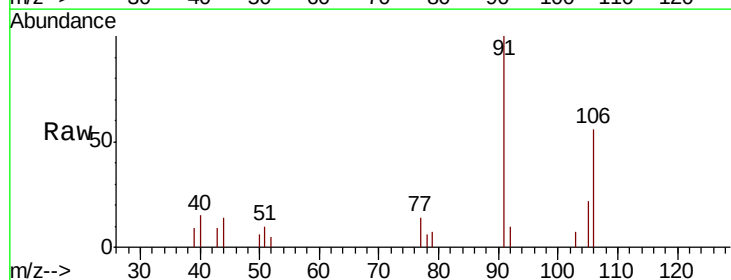


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 118.90 (118.60 to 119.60): V

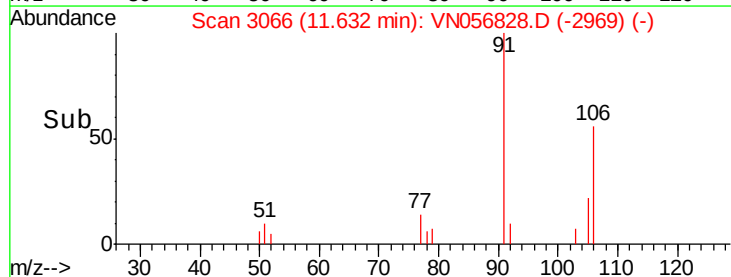
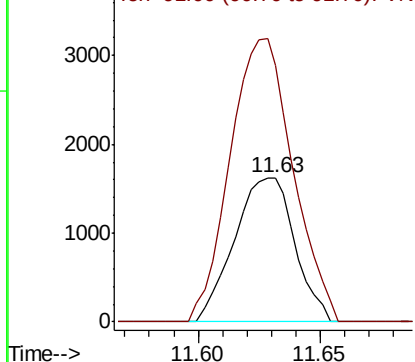


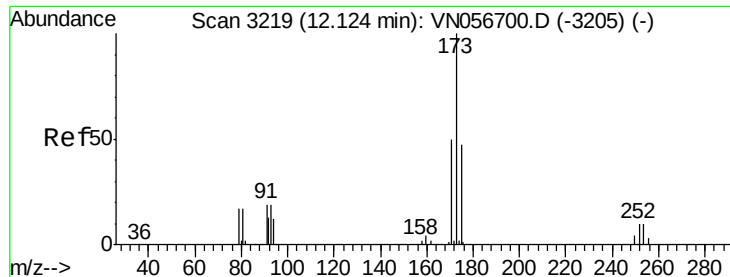
#68  
m/p-Xylenes  
Concen: 0.384 ug/l  
RT: 11.63 min Scan# 3066  
Delta R.T. 0.01 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

Tgt Ion:106 Resp: 2786  
Ion Ratio Lower Upper  
106 100  
91 204.6 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

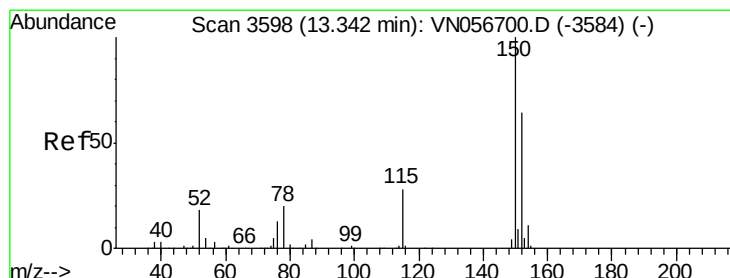
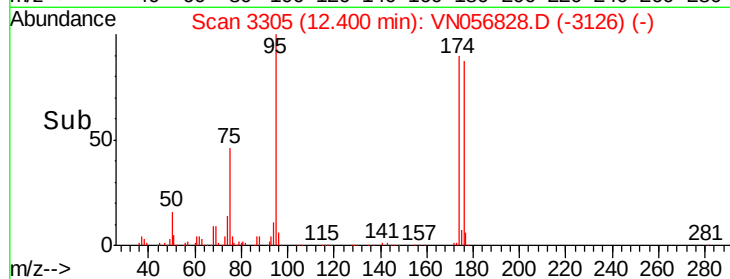
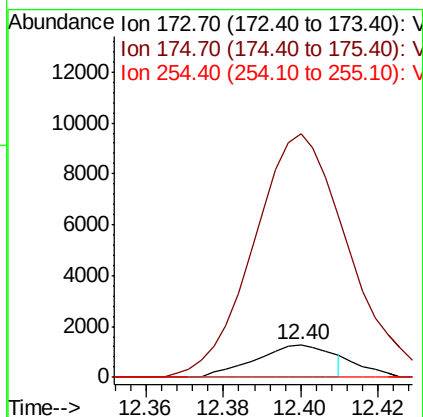
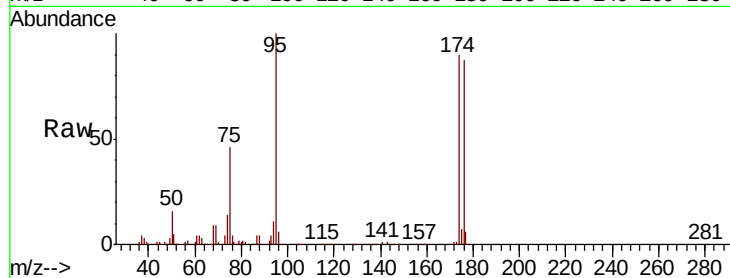




#71  
Bromoform  
Concen: 0.565 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.28 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

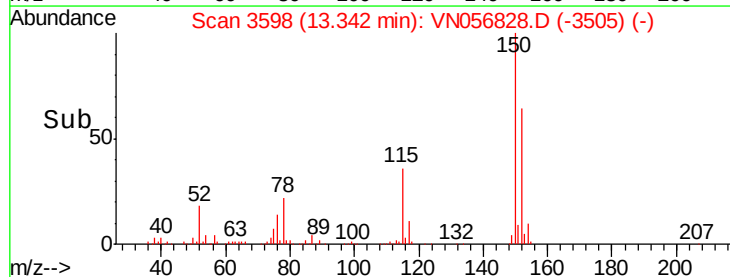
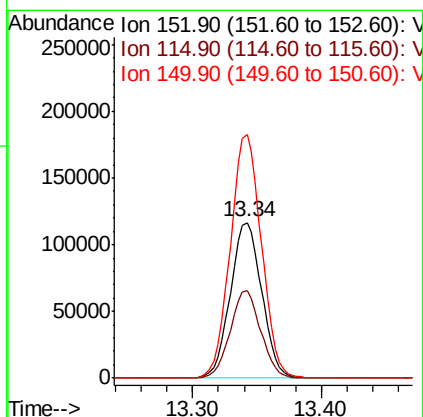
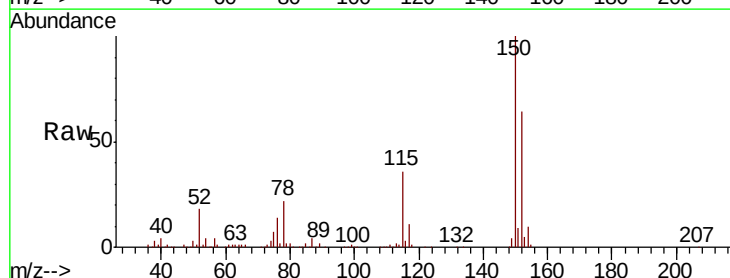
Instrument :  
MSVOA\_N  
ClientSampleId :

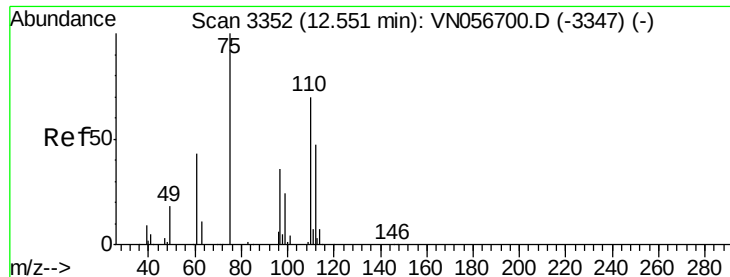
Tot Ion:173 Resp: 1747  
Ion Ratio Lower Upper  
173 100  
175 767.1 23.8 71.4#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. -0.00 min  
Lab File: VN056828.D  
Acq: 19 Jul 2019 13:44

Tgt Ion:152 Resp: 196805  
Ion Ratio Lower Upper  
152 100  
115 54.7 28.2 84.7  
150 155.0 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 25.285 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056828.D

Acq: 19 Jul 2019 13:44

Instrument :

MSVOA\_N

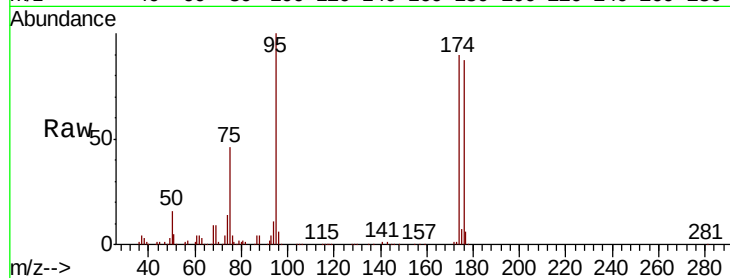
ClientSampleId :

Tot Ion: 75 Resp: 108838

Ion Ratio Lower Upper

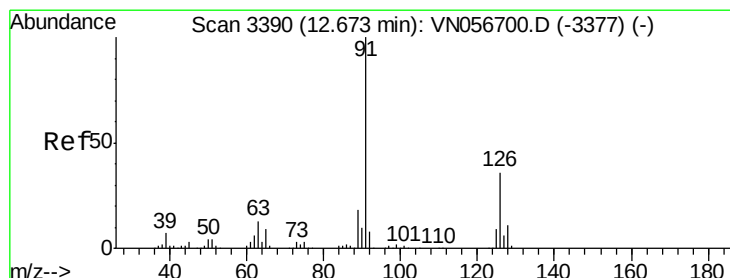
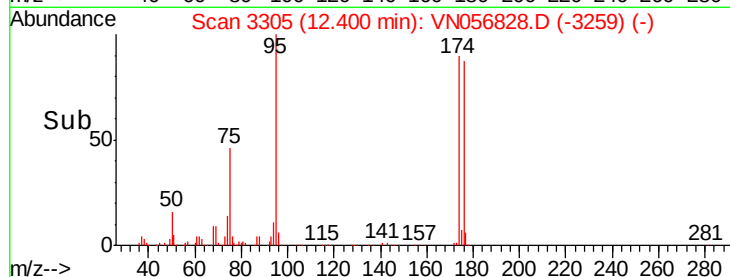
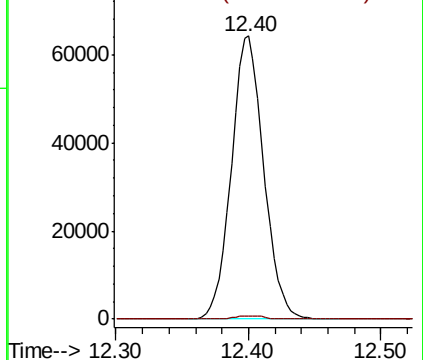
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.06 min

Lab File: VN056828.D

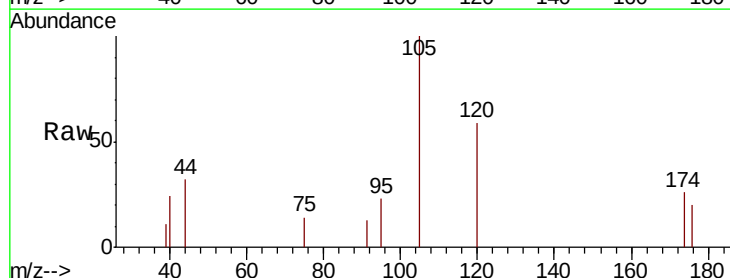
Acq: 19 Jul 2019 13:44

Tgt Ion: 91 Resp: 103

Ion Ratio Lower Upper

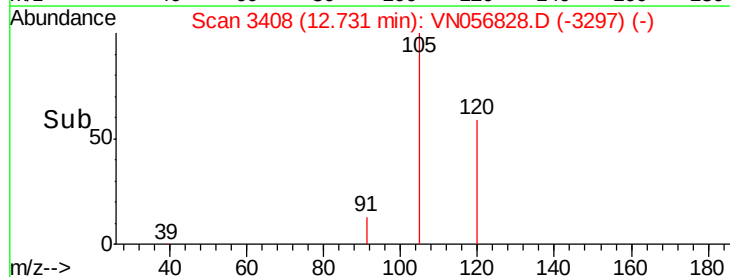
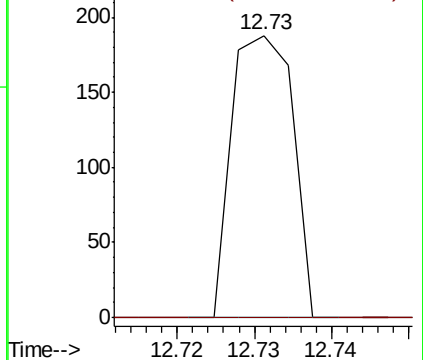
91 100

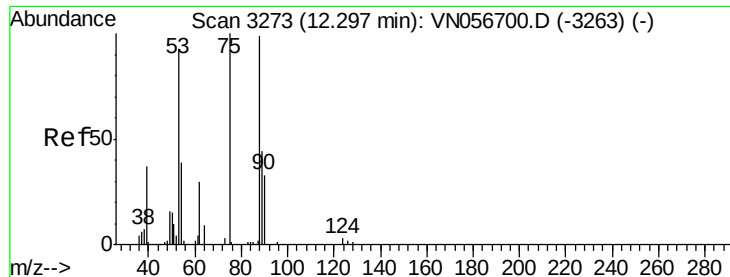
126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 78.089 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056828.D

Acq: 19 Jul 2019 13:44

Instrument :

MSVOA\_N

ClientSampleId :

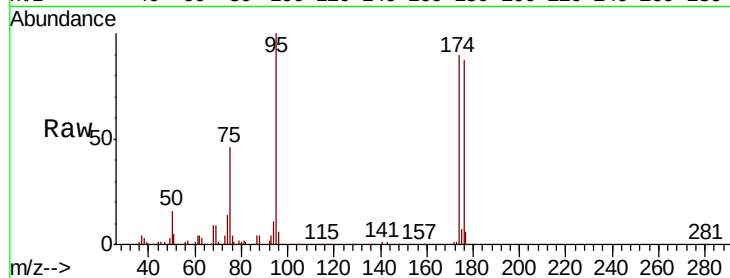
Tot Ion: 75 Resp: 108838

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

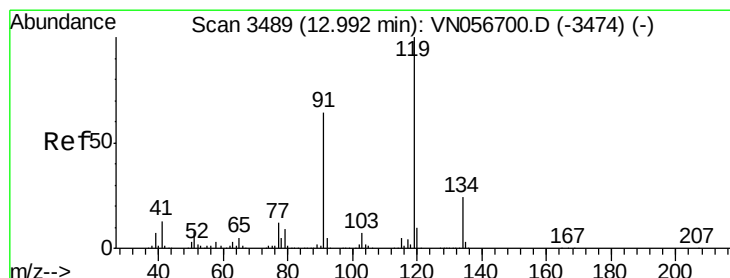
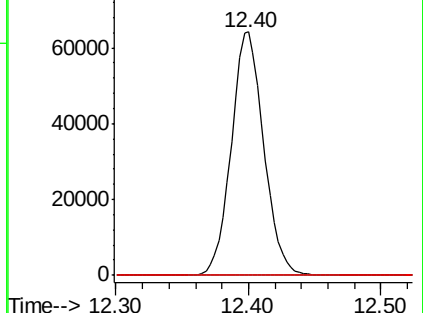
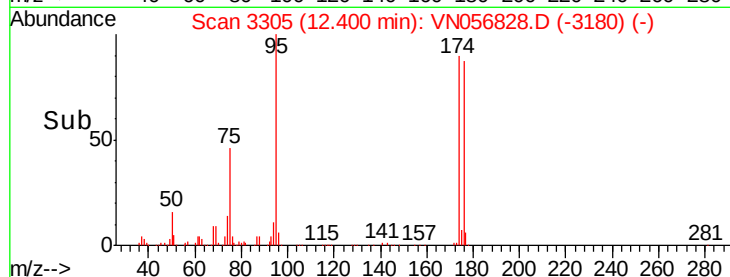
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN056828.D (-3180) (-)

Ion 53.00 (52.70 to 53.70): VN056828.D (-3180) (-)

Ion 88.90 (88.60 to 89.60): VN056828.D (-3180) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.74 min Scan# 3412

Delta R.T. -0.25 min

Lab File: VN056828.D

Acq: 19 Jul 2019 13:44

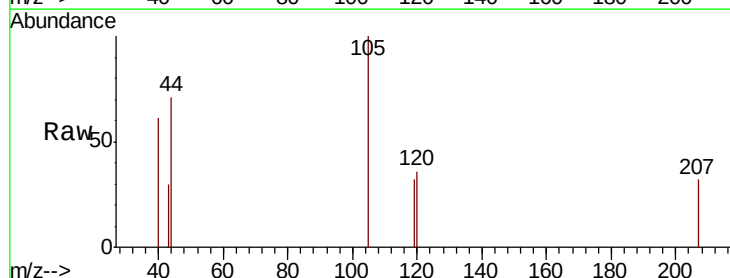
Tgt Ion: 119 Resp: 138

Ion Ratio Lower Upper

119 100

91 0.0 31.8 95.4#

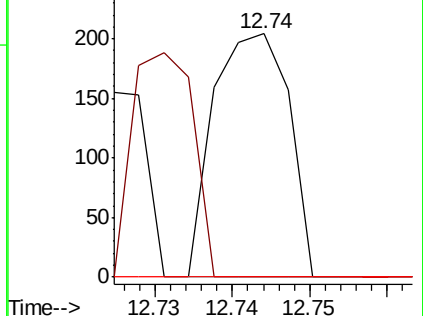
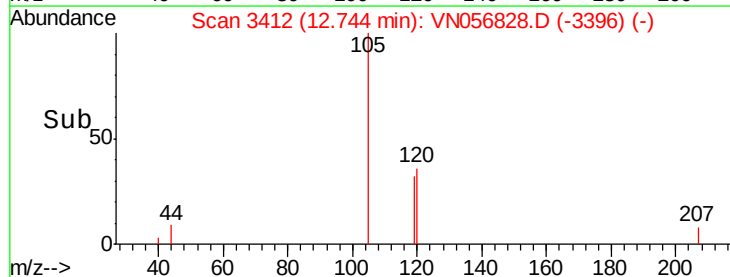
134 0.0 13.0 38.9#



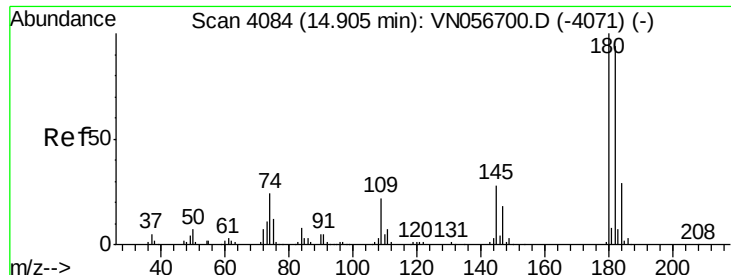
Abundance Ion 119.00 (118.70 to 119.70): VN056828.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN056828.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN056828.D (-3396) (-)



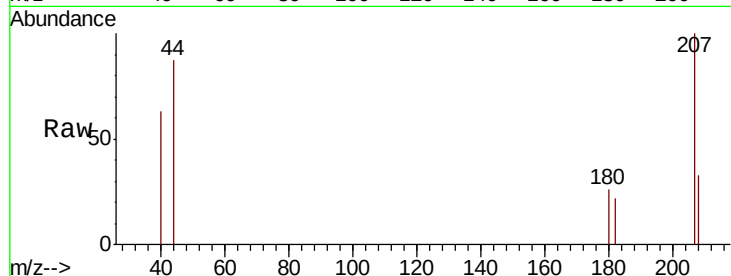




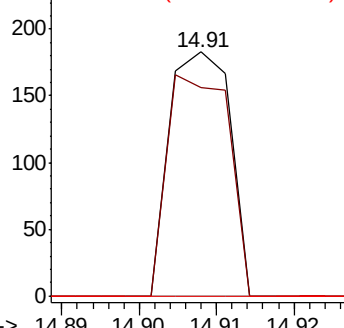
#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.715 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN056828.D  
 Acq: 19 Jul 2019 13:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :

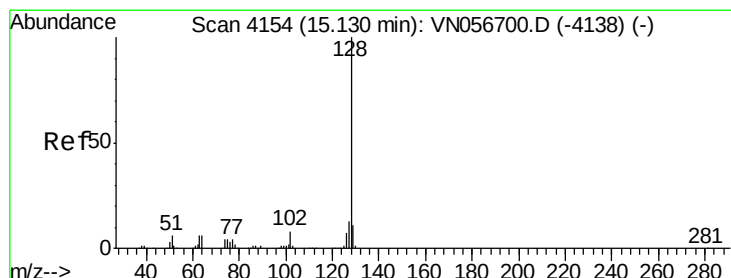
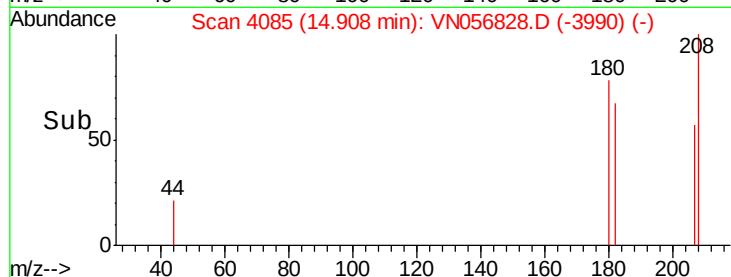
Tot Ion:180 Resp: 100  
 Ion Ratio Lower Upper  
 180 100  
 182 92.0 47.2 141.6  
 145 0.0 14.2 42.8#



Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

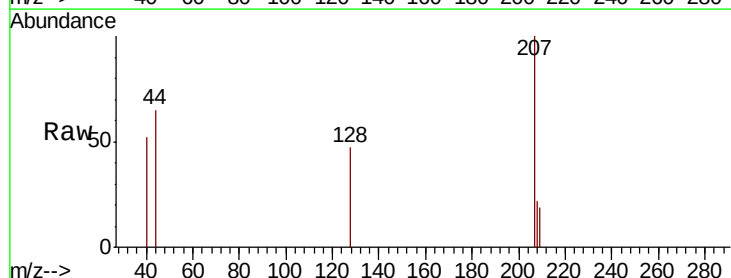


Time--> 14.89 14.90 14.91 14.92

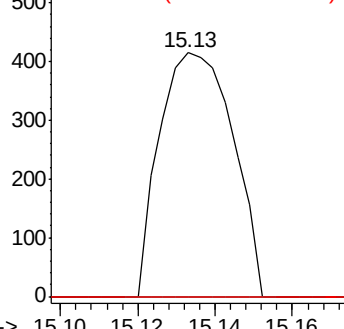


#95  
 Naphthalene  
 Concen: 4.573 ug/l  
 RT: 15.13 min Scan# 4155  
 Delta R.T. 0.00 min  
 Lab File: VN056828.D  
 Acq: 19 Jul 2019 13:44

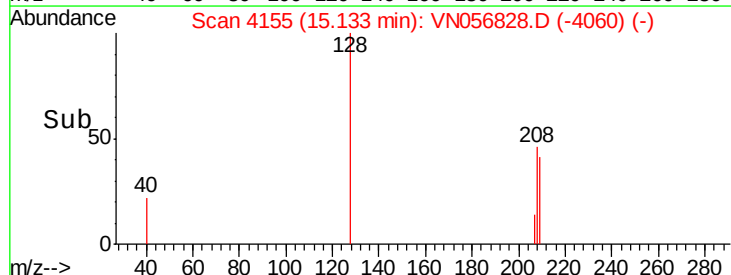
Tgt Ion:128 Resp: 547  
 Ion Ratio Lower Upper  
 128 100  
 127 0.0 10.3 15.5#  
 129 0.0 8.7 13.1#

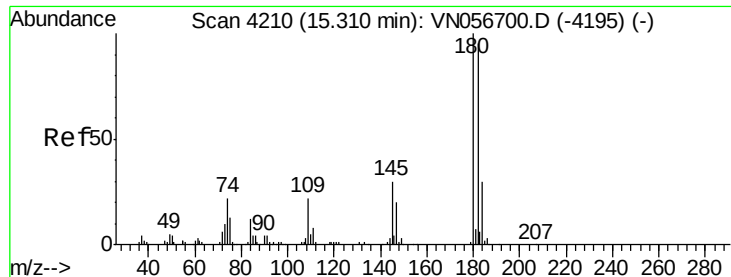


Abundance Ion 128.00 (127.70 to 128.70): V  
 Ion 127.00 (126.70 to 127.70): V  
 Ion 129.00 (128.70 to 129.70): V



Time--> 15.10 15.12 15.14 15.16

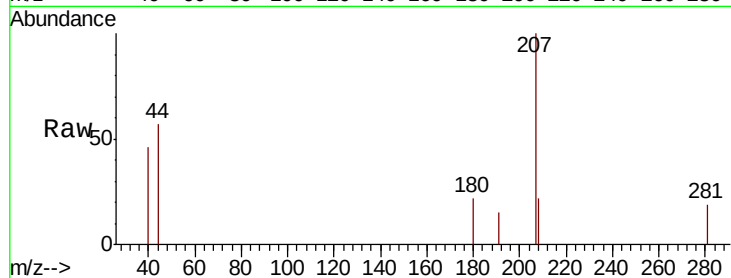




#96  
 1,2,3-Trichlorobenzene  
 Concen: 3.372 ug/l  
 RT: 15.31 min Scan# 4211  
 Delta R.T. 0.00 min  
 Lab File: VN056828.D  
 Acq: 19 Jul 2019 13:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 67.3  | 47.1  | 141.3 |
| 145     | 0.0   | 15.0  | 45.1# |

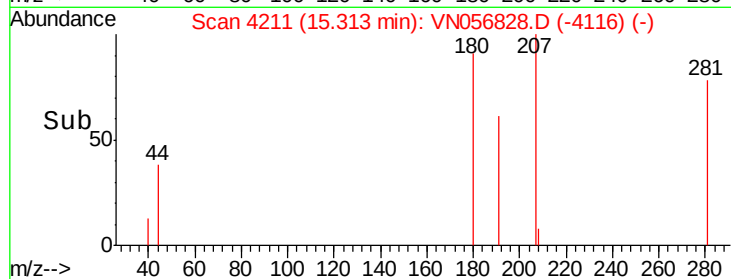
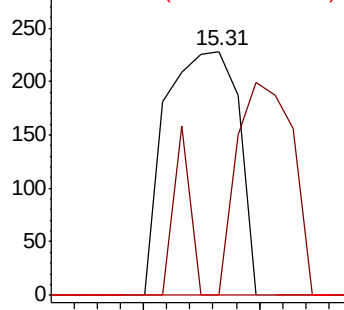


Abundance

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



Time-->