

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\  
 Data File : VN055506.D  
 Acq On : 9 May 2019 18:59  
 Operator : JC/SP  
 Sample : K2750-05  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 10 04:16:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N050819W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 04:17:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 878178   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1499117  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1245980  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 363228   | 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   | 609187   | 46.07 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.14% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 463435   | 47.92 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.84% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1818617  | 48.26 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.52% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 530474   | 41.75 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 83.50% |          |

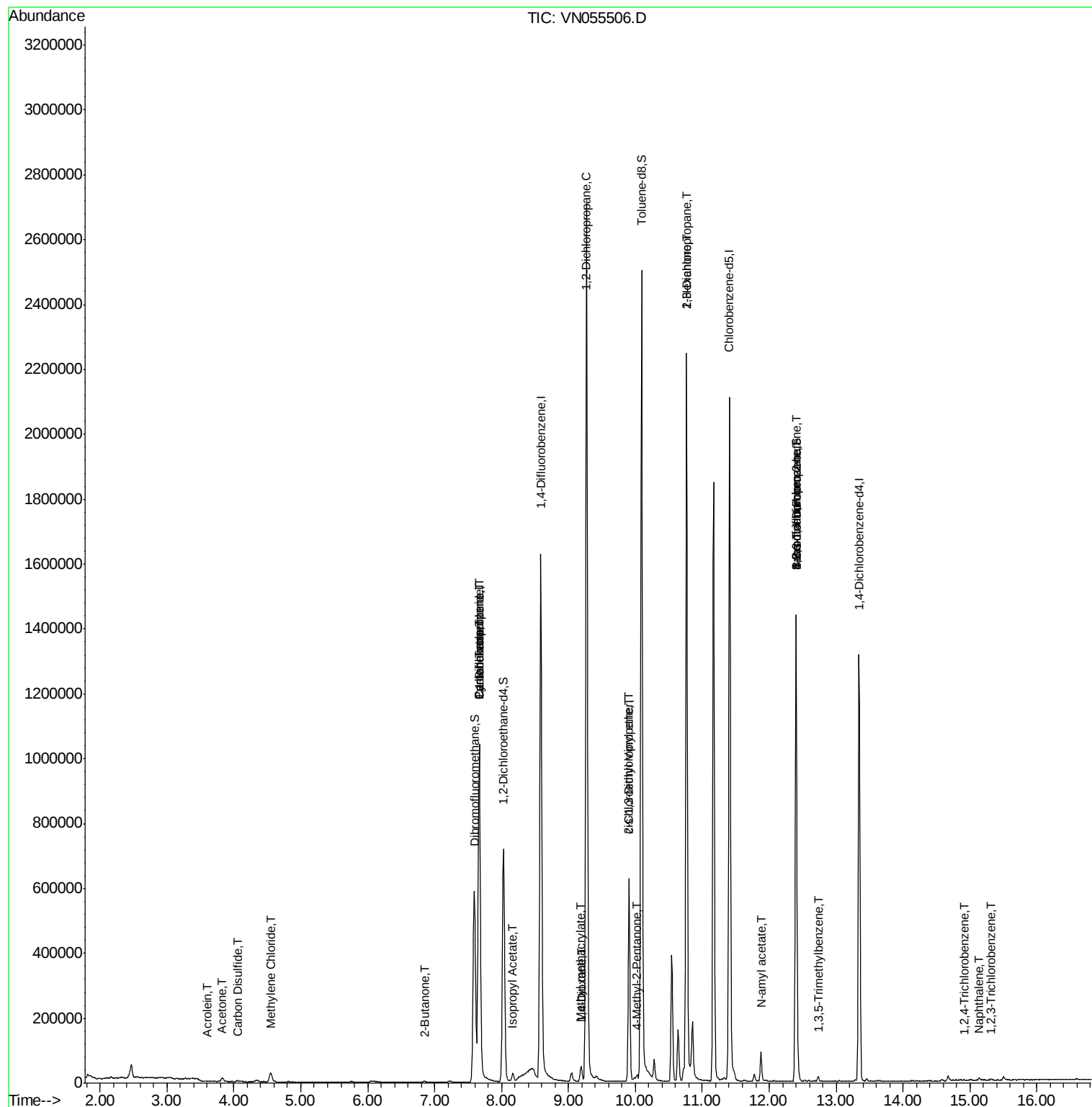
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 13) Acrolein                   | 3.60  | 56   | 315      | 0.242     | ug/l   | 100    |
| 16) Acetone                    | 3.83  | 43   | 17696    | 2.890     | ug/l   | 98     |
| 17) Carbon Disulfide           | 4.05  | 76   | 7001     | 0.267     | ug/l # | 86     |
| 18) Methyl Acetate             | 4.34  | 43   | 10746    | Below Cal | #      | 79     |
| 20) Methylene Chloride         | 4.55  | 84   | 19283    | 1.540     | ug/l   | 95     |
| 25) 2-Butanone                 | 6.85  | 43   | 2949     | 0.349     | ug/l   | 98     |
| 31) Cyclohexane                | 7.66  | 56   | 19022    | 0.891     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 70678    | 4.786     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 85126    | 6.845     | ug/l # | 15     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 27680    | 1.131     | ug/l # | 92     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 3383     | 0.258     | ug/l # | 45     |
| 48) Methyl methacrylate        | 9.18  | 41   | 17398    | 1.475     | ug/l # | 16     |
| 49) 1,4-Dioxane                | 9.20  | 88   | 83       | 0.361     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 10.03 | 43   | 18191    | 1.130     | ug/l # | 38     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 108304   | 6.489     | ug/l # | 64     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 23589    | 1.251     | ug/l # | 43     |
| 58) 2-Chloroethyl Vinyl ether  | 9.91  | 63   | 440      | 12.590    | ug/l # | 52     |
| 59) 2-Hexanone                 | 10.76 | 43   | 342261   | 30.318    | ug/l # | 53     |
| 71) Bromoform                  | 12.40 | 173  | 3956     | 0.664     | ug/l # | 1      |
| 73) Isopropylbenzene           | 12.25 | 105  | 951      | Below Cal | #      | 49     |
| 74) N-amyl acetate             | 11.88 | 43   | 30002    | 2.176     | ug/l # | 54     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 72       | Below Cal | #      | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 264898   | 26.789    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 6473     | 0.223     | ug/l   | 95     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 264898   | 98.848    | ug/l # | 7      |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 869      | 3.356     | ug/l   | 88     |
| 94) Hexachlorobutadiene        | 15.00 | 225  | 354      | Below Cal |        | 80     |
| 95) Naphthalene                | 15.13 | 128  | 5798     | 3.297     | ug/l   | 95     |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 1256     | 2.628     | ug/l   | 71     |

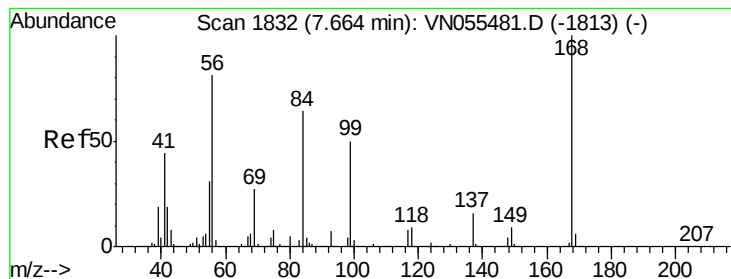
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050919\  
Data File : VN055506.D  
Acq On : 9 May 2019 18:59  
Operator : JC/SP  
Sample : K2750-05  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 10 04:16:51 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N050819W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 09 04:17:44 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: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA\_N

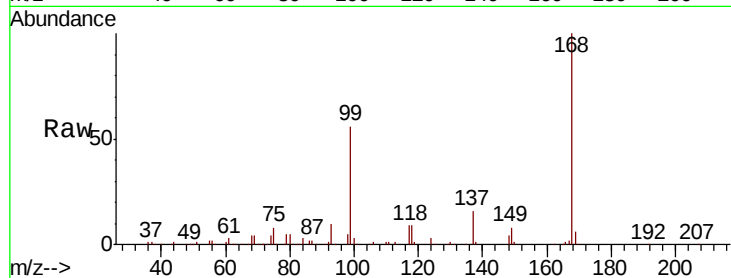
ClientSampled :

Tot Ion:168 Resp: 878178

Ion Ratio Lower Upper

168 100

99 56.3 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

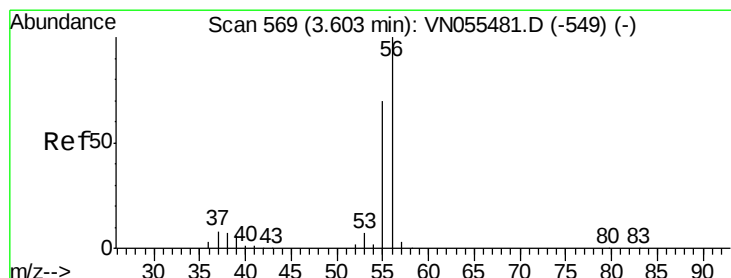
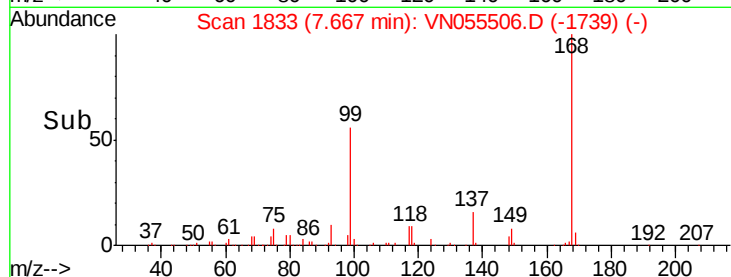
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.242 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN055506.D

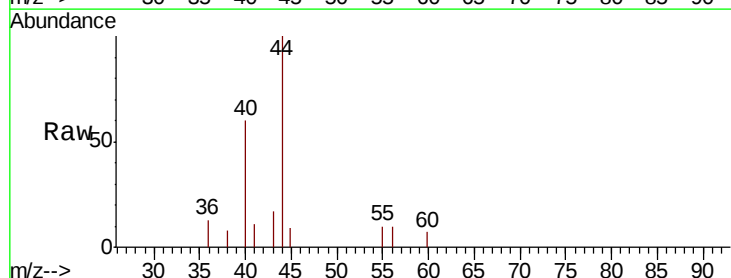
Acq: 9 May 2019 18:59

Tgt Ion: 56 Resp: 315

Ion Ratio Lower Upper

56 100

55 72.1 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

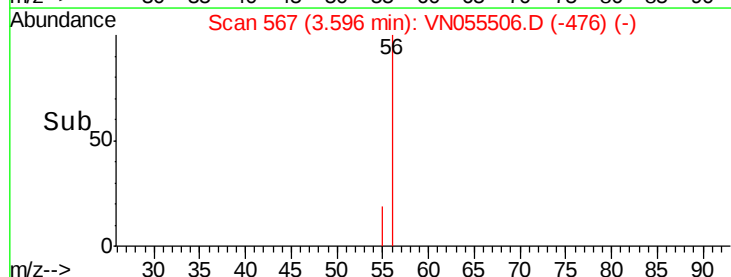
300

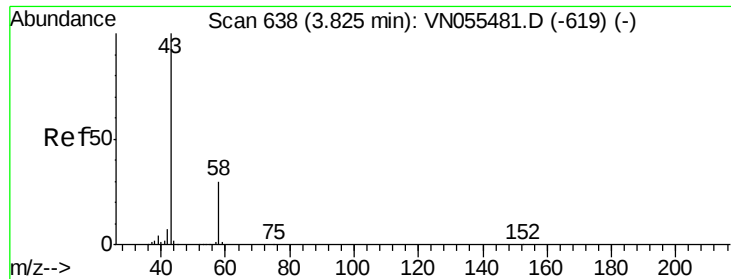
200

100

0

Time-->





#16

Acetone

Concen: 2.890 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

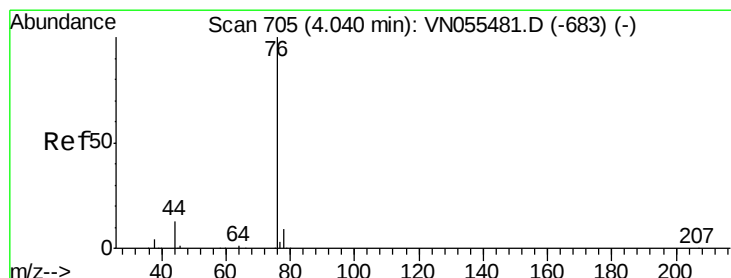
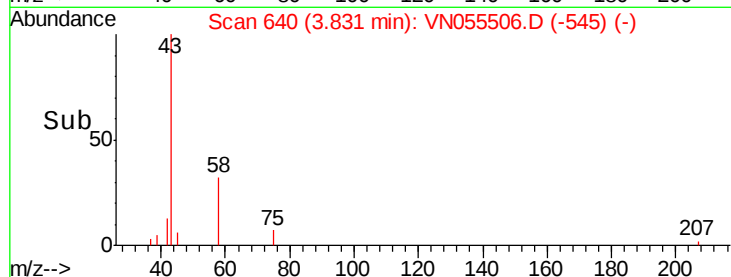
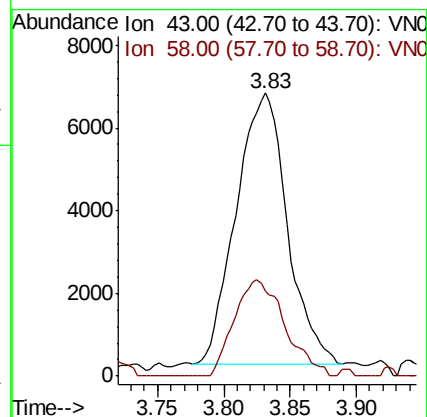
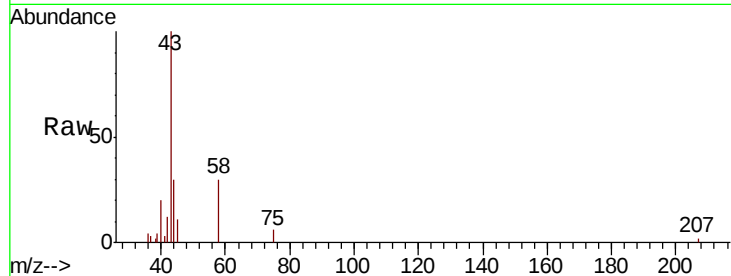
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 17696

Ion Ratio Lower Upper

43 100

58 31.2 24.2 36.2



#17

Carbon Disulfide

Concen: 0.267 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.01 min

Lab File: VN055506.D

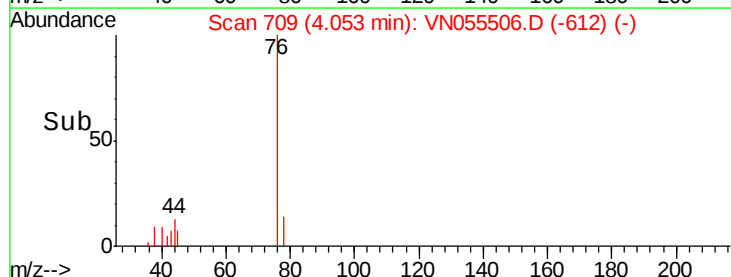
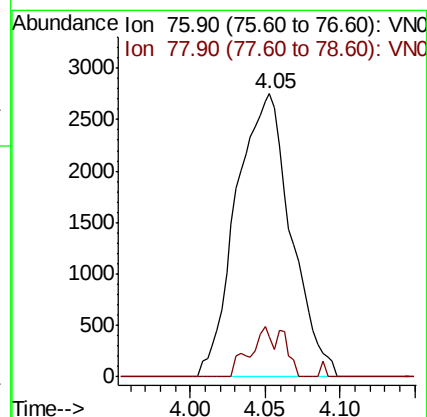
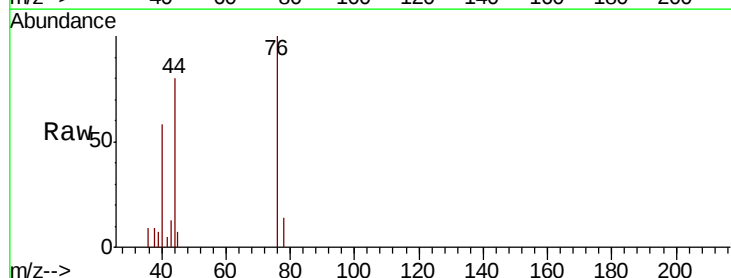
Acq: 9 May 2019 18:59

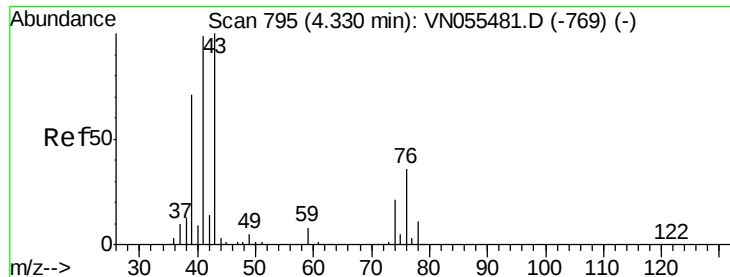
Tgt Ion: 76 Resp: 7001

Ion Ratio Lower Upper

76 100

78 14.2 7.4 11.0#

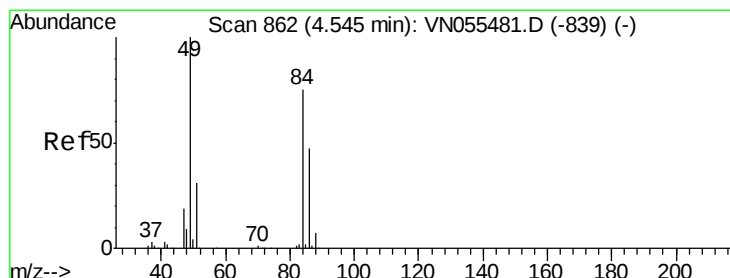
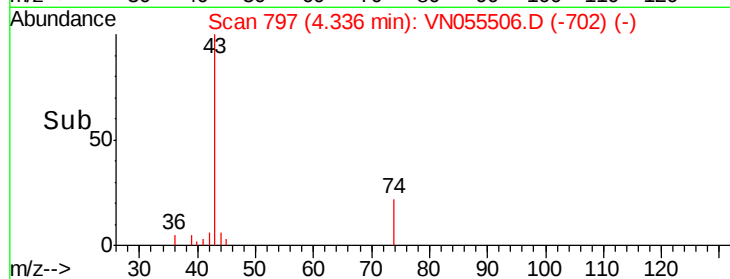
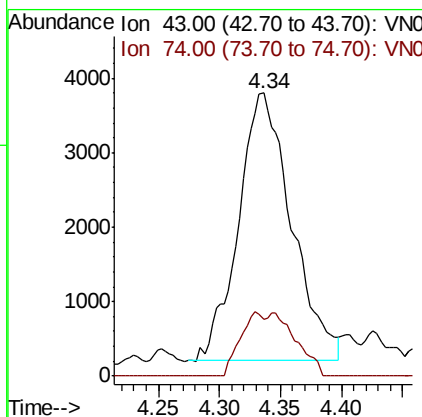
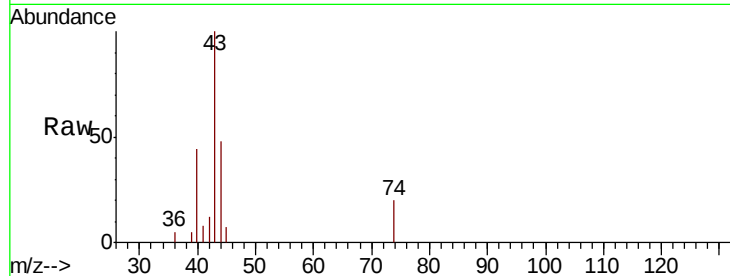




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.34 min Scan# 797  
Delta R.T. 0.01 min  
Lab File: VN055506.D  
Acq: 9 May 2019 18:59

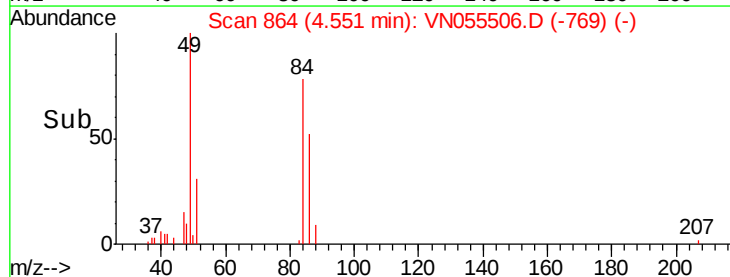
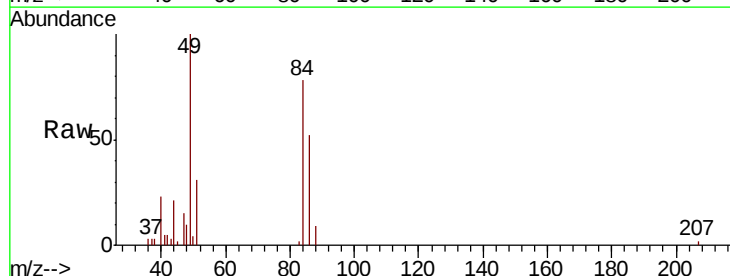
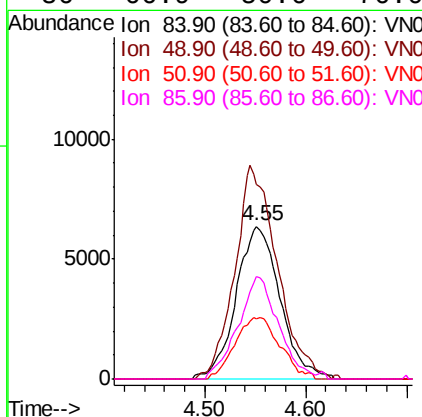
Instrument :  
MSVOA\_N  
ClientSampled :

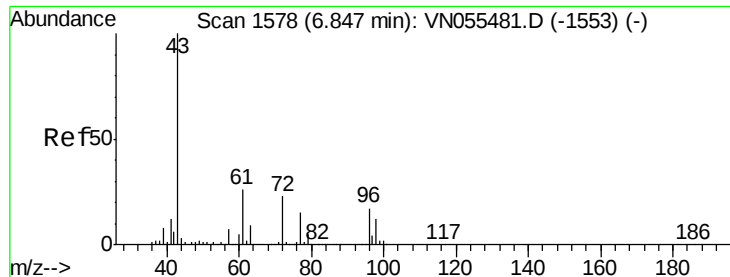
Tot Ion: 43 Resp: 10746  
Ion Ratio Lower Upper  
43 100  
74 10.6 16.3 24.5#



#20  
Methylene Chloride  
Concen: 1.540 ug/l  
RT: 4.55 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: VN055506.D  
Acq: 9 May 2019 18:59

Tgt Ion: 84 Resp: 19283  
Ion Ratio Lower Upper  
84 100  
49 127.6 107.0 160.6  
51 39.6 33.0 49.4  
86 66.9 50.6 76.0

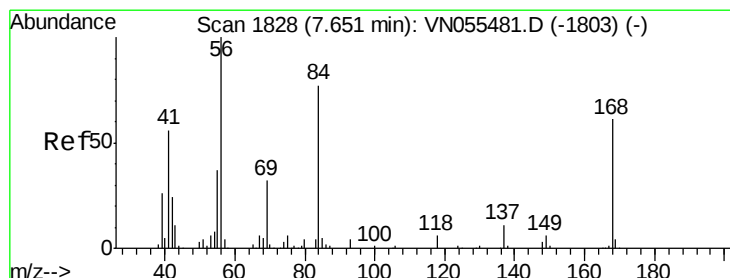
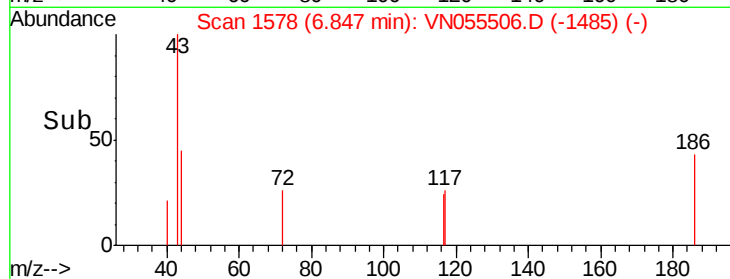
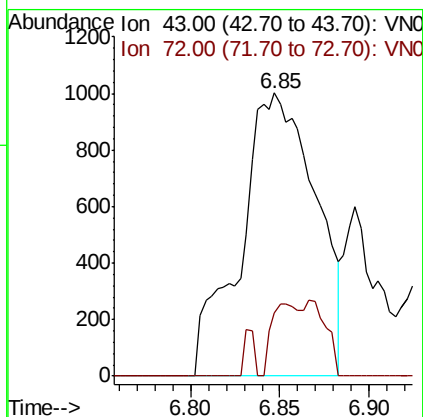
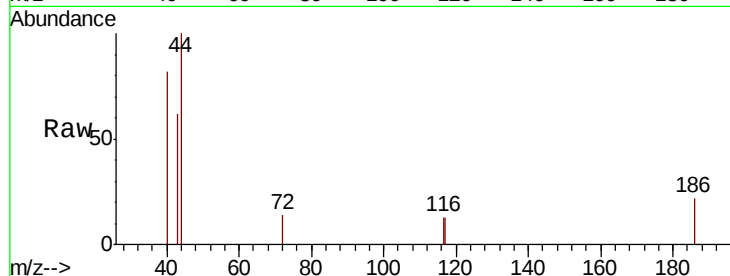




#25  
2-Butanone  
Concen: 0.349 ug/l  
RT: 6.85 min Scan# 1578  
Delta R.T. -0.00 min  
Lab File: VN055506.D  
Acq: 9 May 2019 18:59

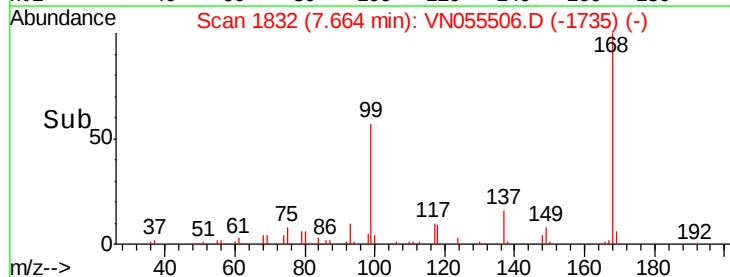
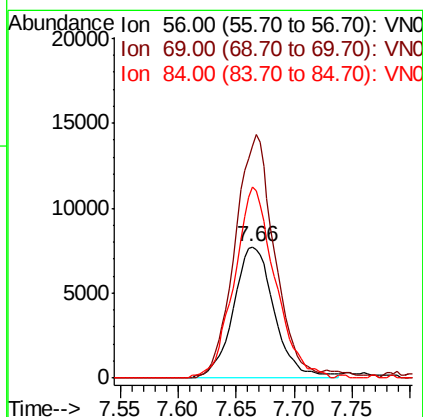
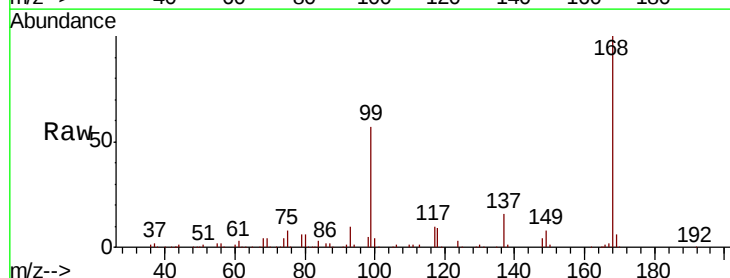
Instrument :  
MSVOA\_N  
ClientSampled :

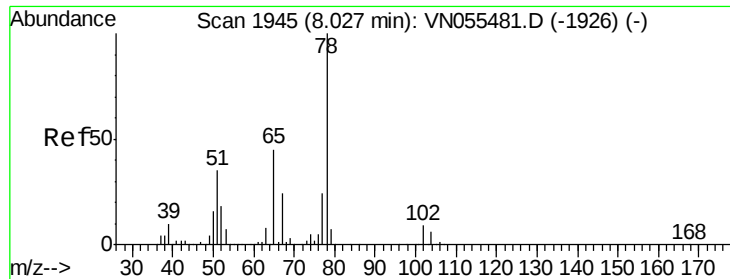
Tot Ion: 43 Resp: 2949  
Ion Ratio Lower Upper  
43 100  
72 22.2 18.6 27.8



#31  
Cyclohexane  
Concen: 0.891 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.01 min  
Lab File: VN055506.D  
Acq: 9 May 2019 18:59

Tgt Ion: 56 Resp: 19022  
Ion Ratio Lower Upper  
56 100  
69 176.7 26.0 39.0#  
84 145.1 61.9 92.9#

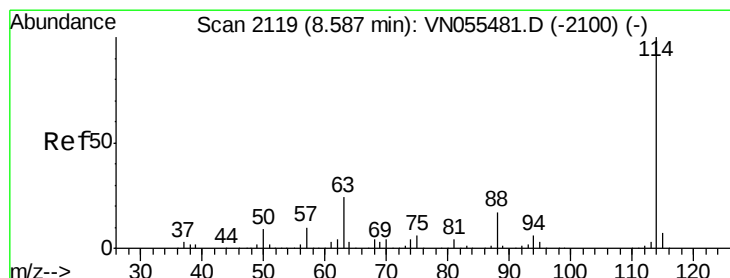
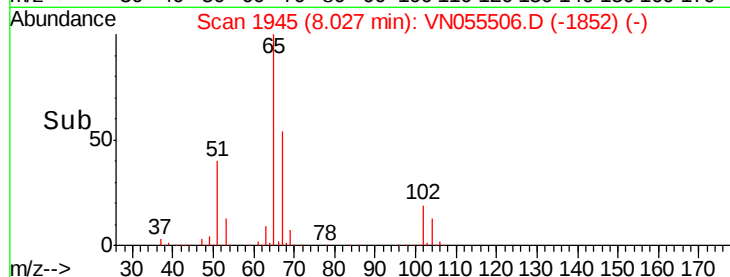
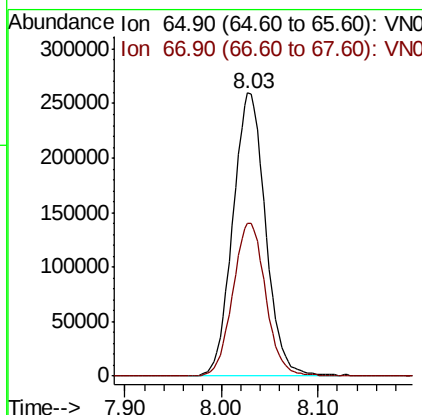
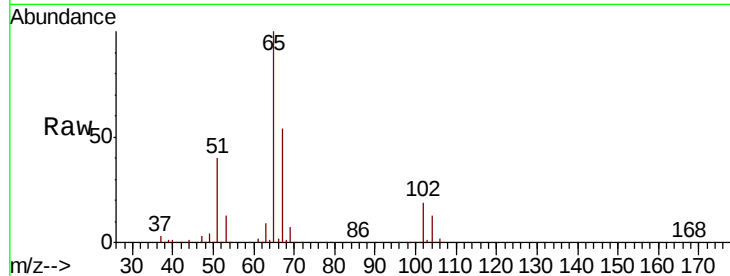




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.072 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

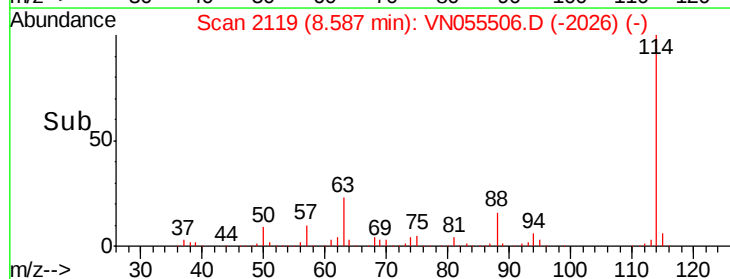
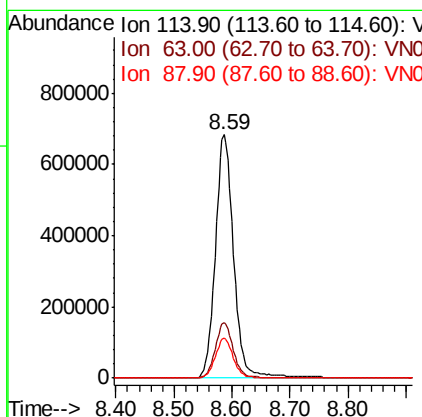
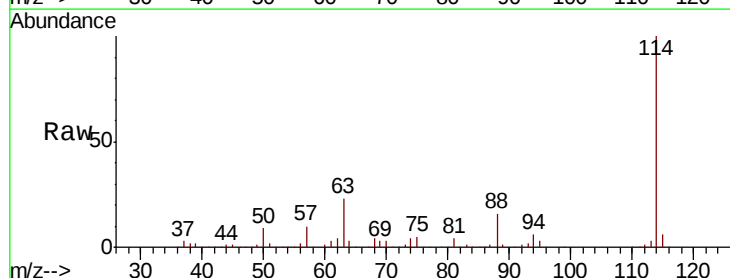
Instrument :  
 MSVOA\_N  
 ClientSampleId :

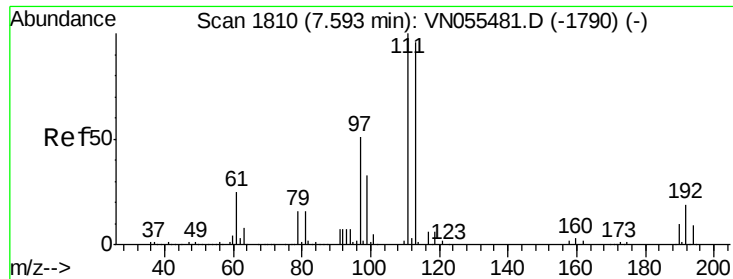
Tot Ion: 65 Resp: 609187  
 Ion Ratio Lower Upper  
 65 100  
 67 54.4 0.0 109.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

Tgt Ion: 114 Resp: 1499117  
 Ion Ratio Lower Upper  
 114 100  
 63 22.9 0.0 47.4  
 88 16.5 0.0 34.0

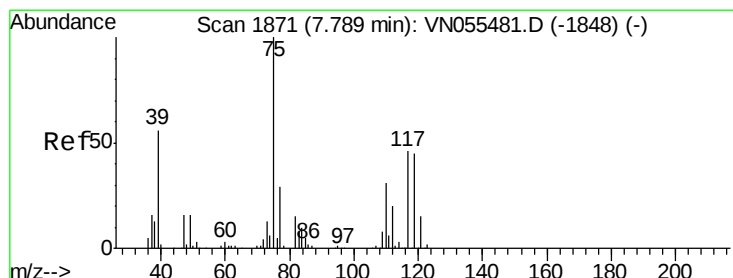
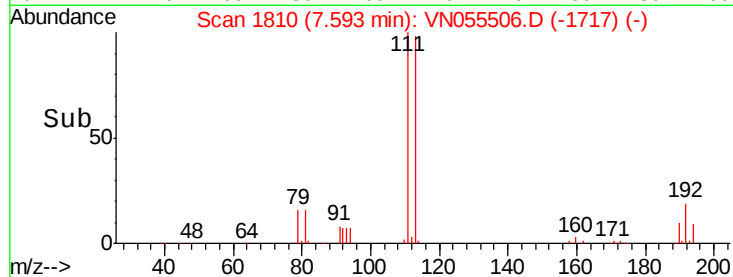
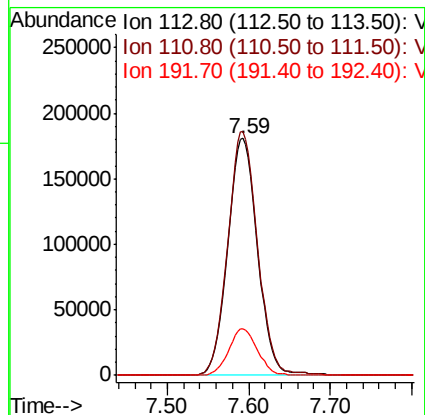
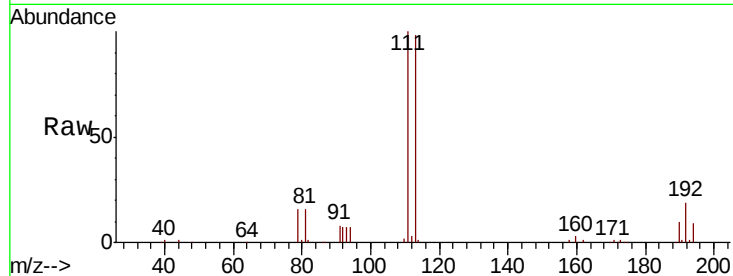




#35  
 Dibromofluoromethane  
 Concen: 47.923 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

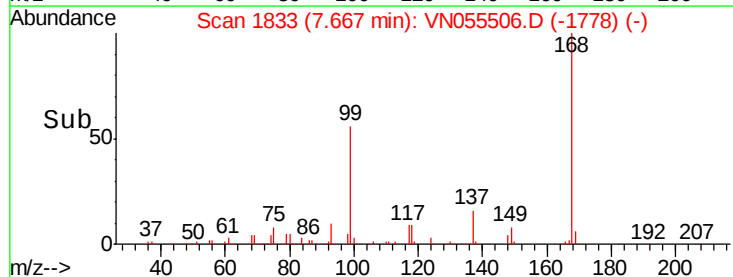
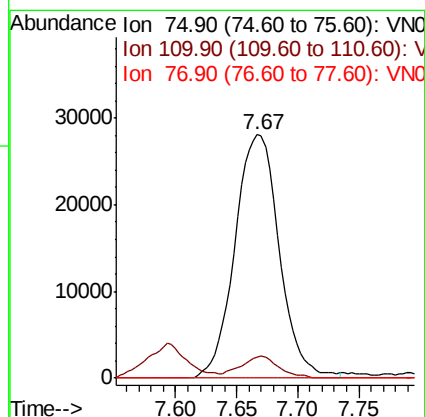
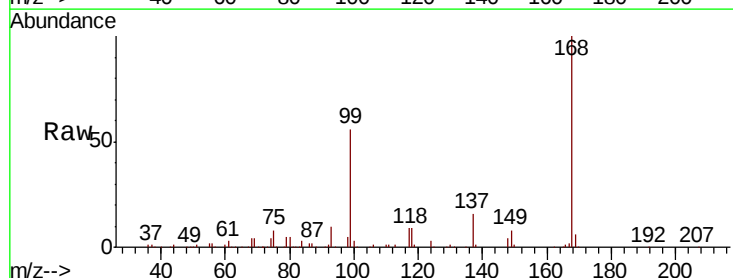
Instrument :  
 MSVOA\_N  
 ClientSampleId :

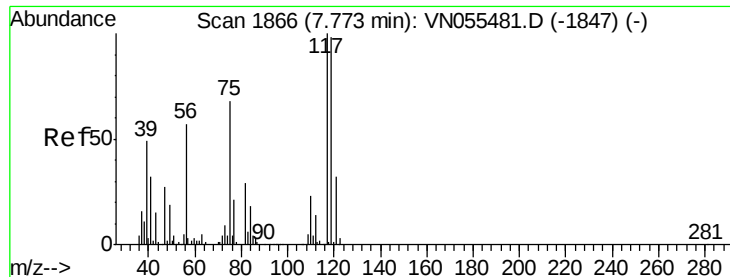
Tot Ion:113 Resp: 463435  
 Ion Ratio Lower Upper  
 113 100  
 111 102.8 82.9 124.3  
 192 18.9 15.6 23.4



#36  
 1,1-Dichloropropene  
 Concen: 4.786 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.12 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

Tgt Ion: 75 Resp: 70678  
 Ion Ratio Lower Upper  
 75 100  
 110 7.9 16.1 48.3#  
 77 0.0 24.6 37.0#

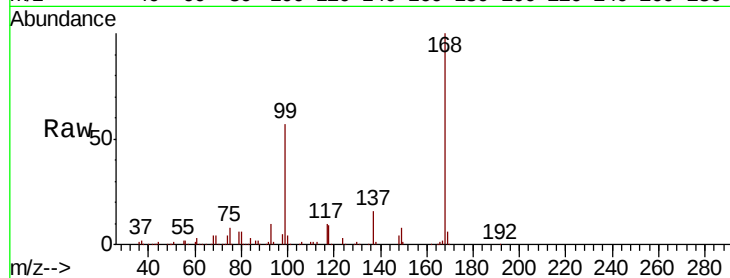




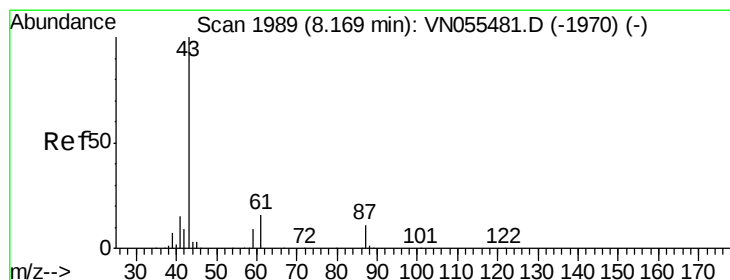
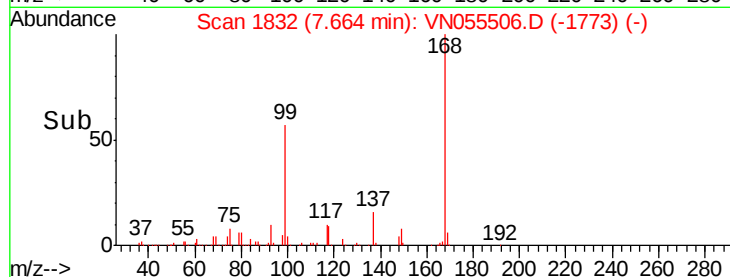
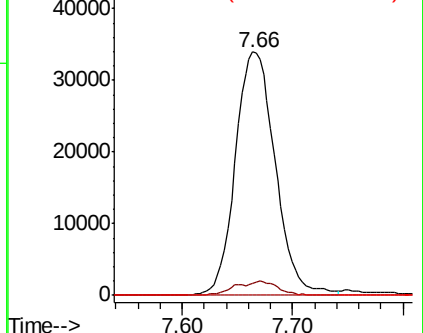
#38  
Carbon Tetrachloride  
Concen: 6.845 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. -0.11 min  
Lab File: VN055506.D  
Acq: 9 May 2019 18:59

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 85126  
Ion Ratio Lower Upper  
117 100  
119 4.7 77.8 116.6#  
121 0.0 25.2 37.8#

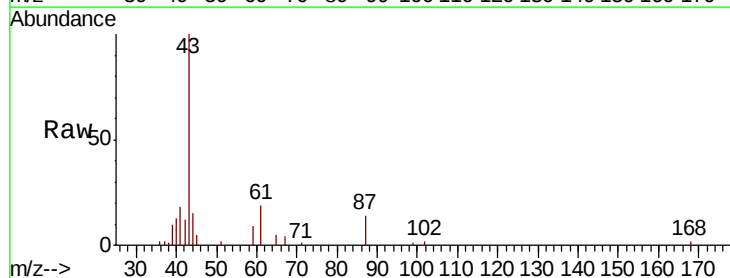


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

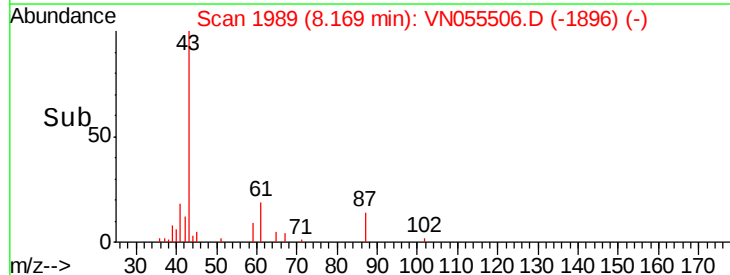
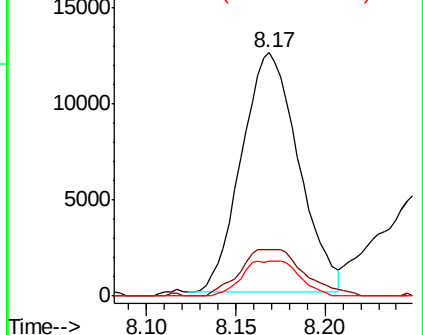


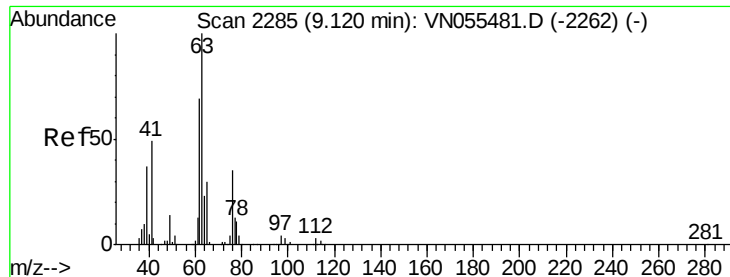
#43  
Isopropyl Acetate  
Concen: 1.131 ug/l  
RT: 8.17 min Scan# 1989  
Delta R.T. -0.00 min  
Lab File: VN055506.D  
Acq: 9 May 2019 18:59

Tgt Ion: 43 Resp: 27680  
Ion Ratio Lower Upper  
43 100  
61 22.0 15.1 22.7  
87 14.7 9.0 13.6#



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





#45

1,2-Dichloropropane

Concen: 0.258 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA\_N

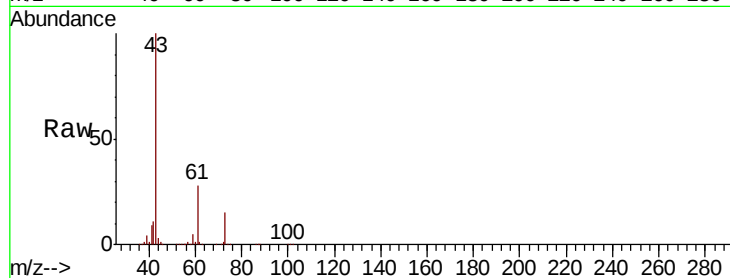
ClientSampled :

Tot Ion: 63 Resp: 3383

Ion Ratio Lower Upper

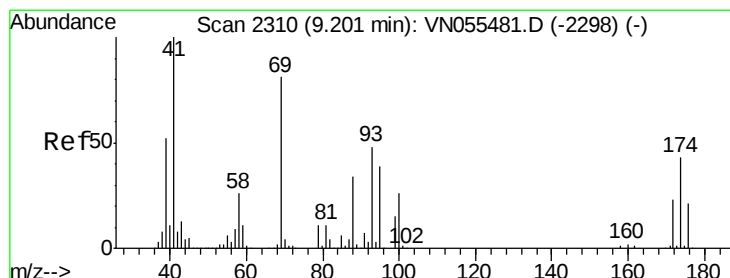
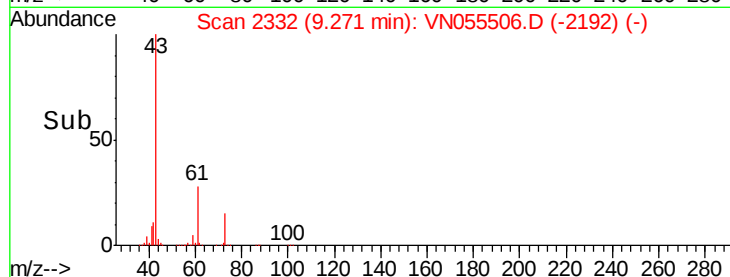
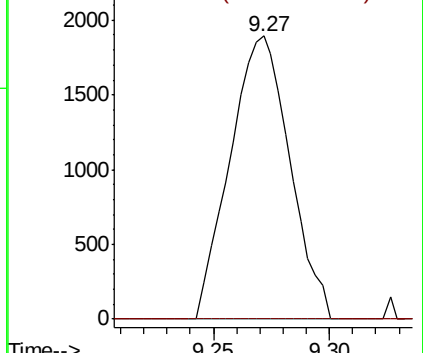
63 100

65 0.0 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.475 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

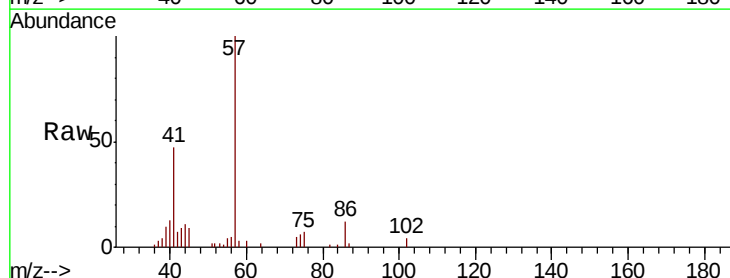
Tgt Ion: 41 Resp: 17398

Ion Ratio Lower Upper

41 100

69 0.0 64.2 96.2#

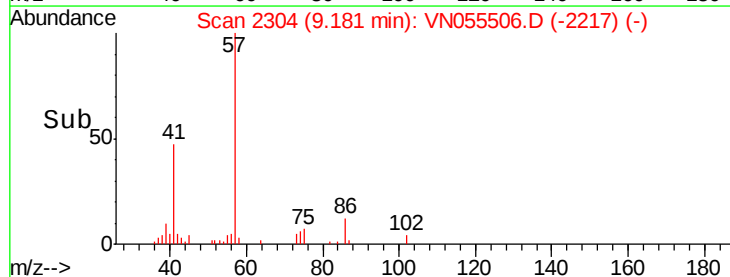
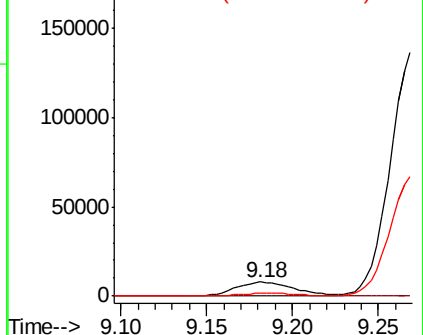
39 0.0 41.6 62.4#

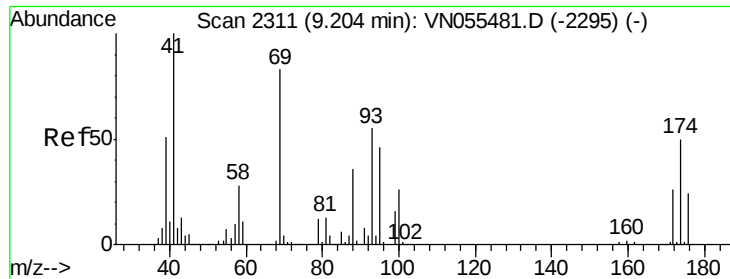


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

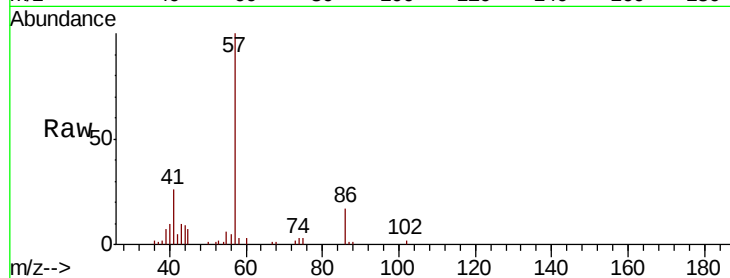




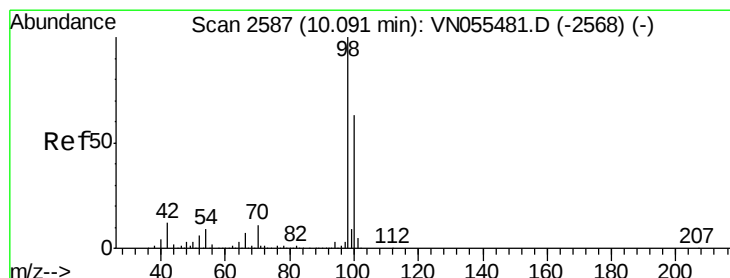
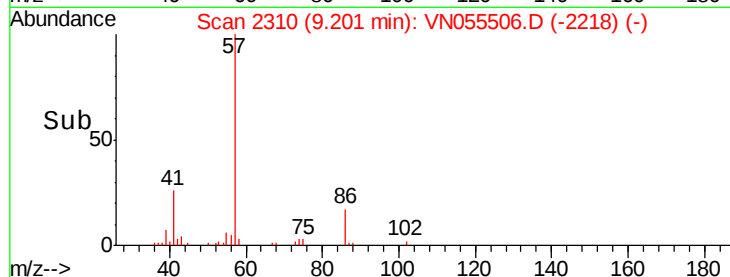
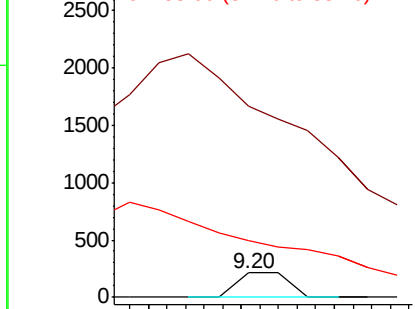
#49  
 1,4-Dioxane  
 Concen: 0.361 ug/l  
 RT: 9.20 min Scan# 2310  
 Delta R.T. -0.00 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 88 Resp: 83  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 27.8 41.8#  
 58 1936.1 61.8 92.6#

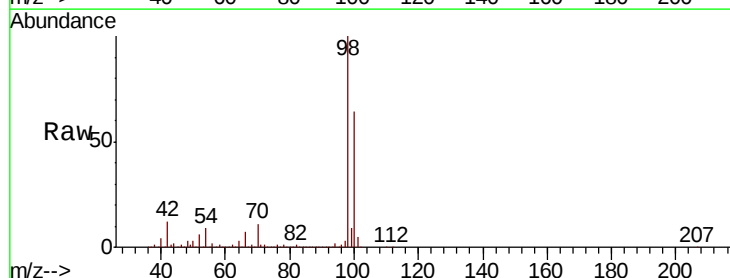


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

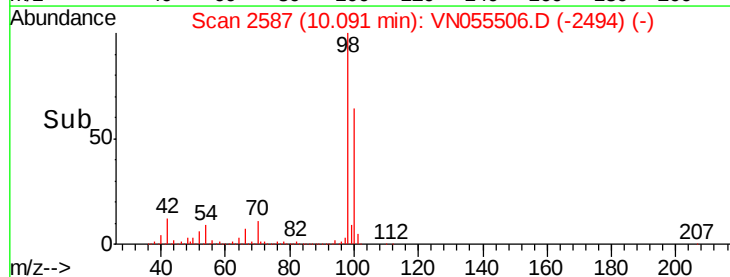
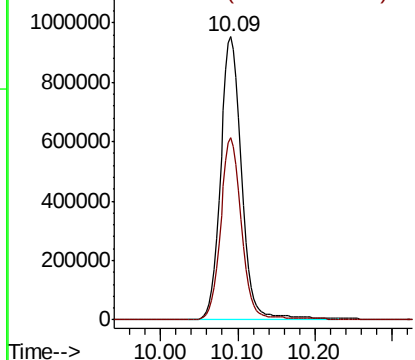


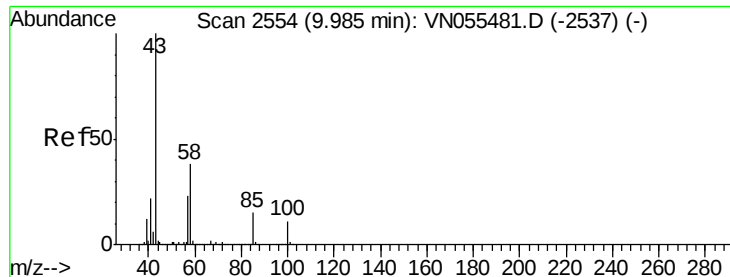
#50  
 Toluene-d8  
 Concen: 48.258 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. -0.00 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

Tgt Ion: 98 Resp: 1818617  
 Ion Ratio Lower Upper  
 98 100  
 100 63.7 50.4 75.6



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





#51

4-Methyl-2-Pentanone

Concen: 1.130 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA\_N

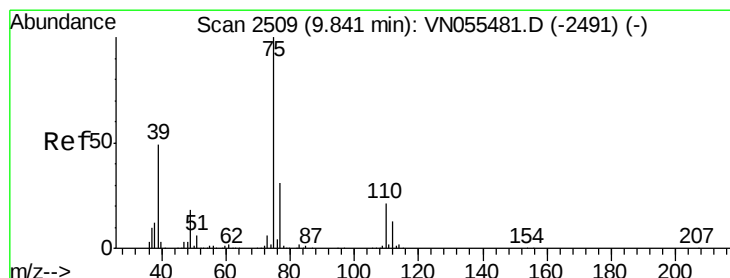
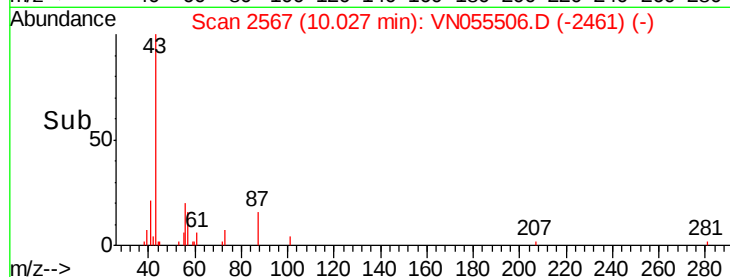
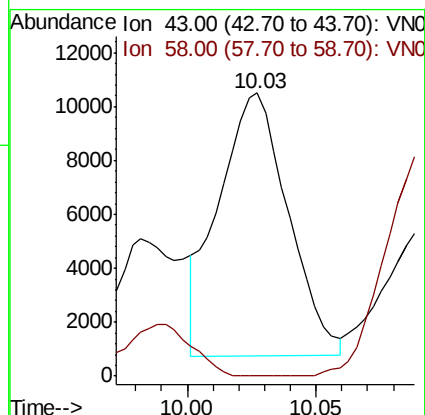
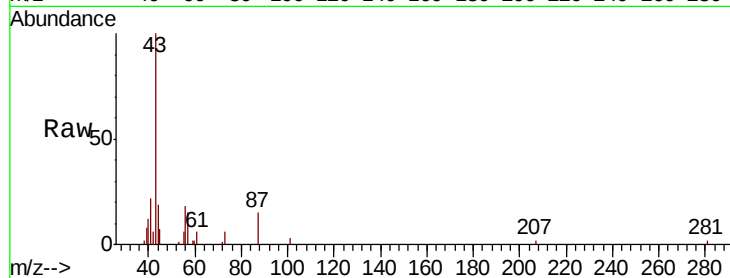
ClientSampled :

Tot Ion: 43 Resp: 18191

Ion Ratio Lower Upper

43 100

58 0.0 29.9 44.9#



#54

cis-1,3-Dichloropropene

Concen: 6.489 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

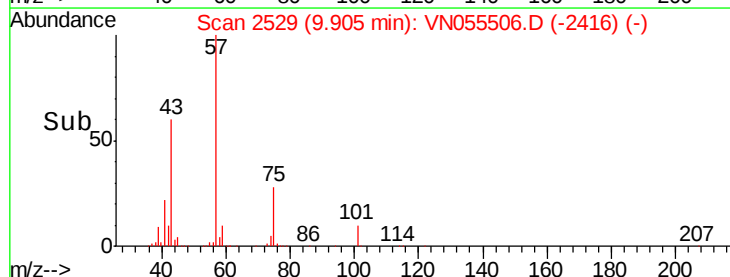
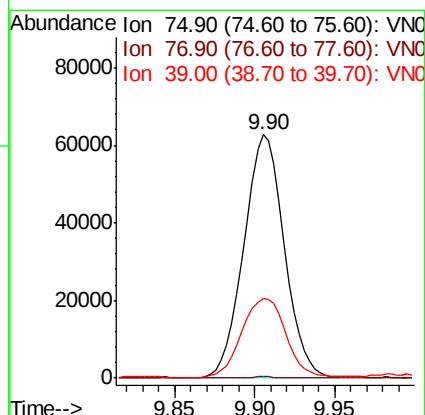
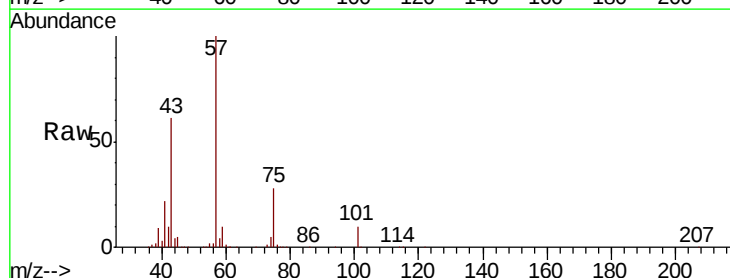
Tgt Ion: 75 Resp: 108304

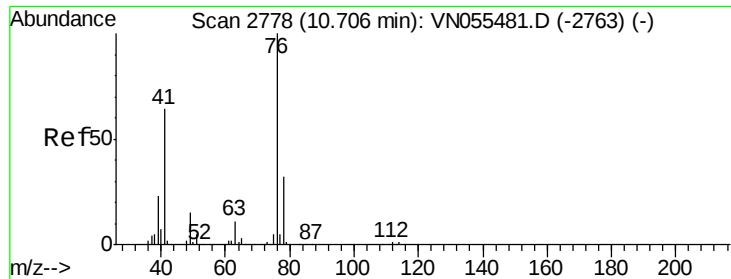
Ion Ratio Lower Upper

75 100

77 0.6 24.4 36.6#

39 32.2 39.5 59.3#

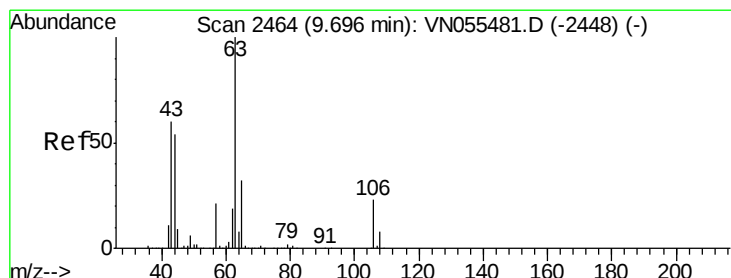
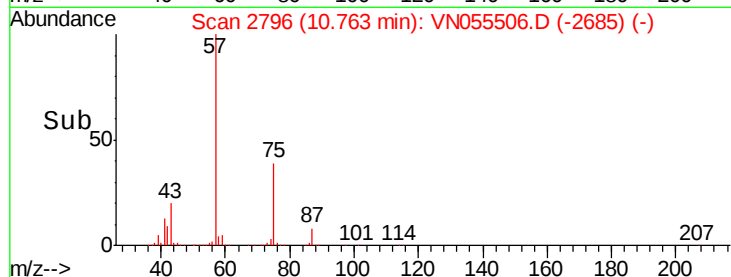
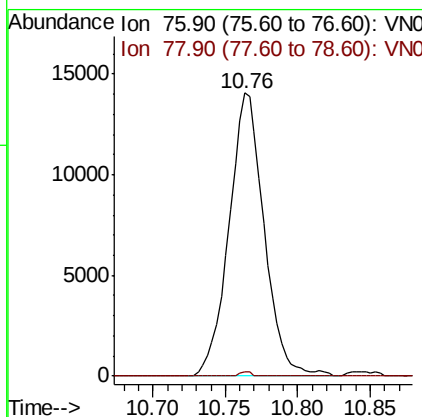
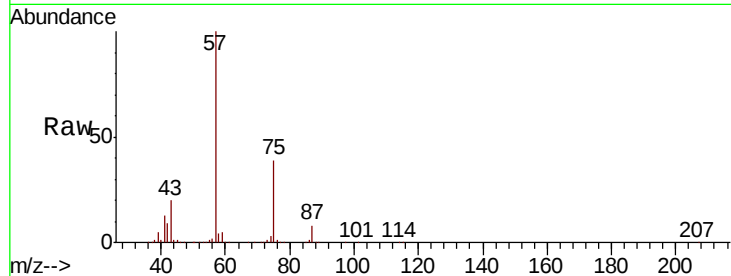




#57  
 1,3-Dichloropropane  
 Concen: 1.251 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.06 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

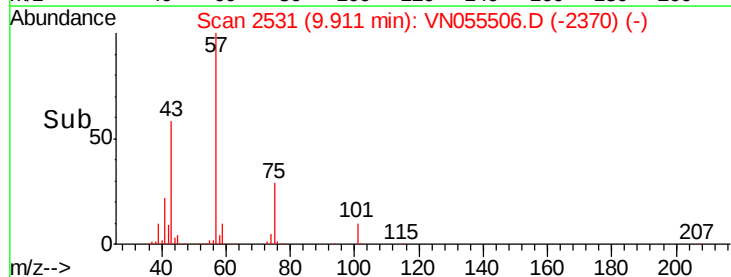
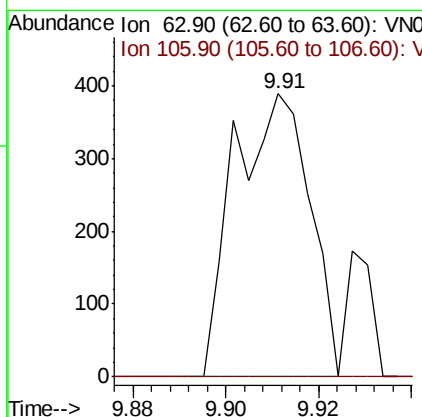
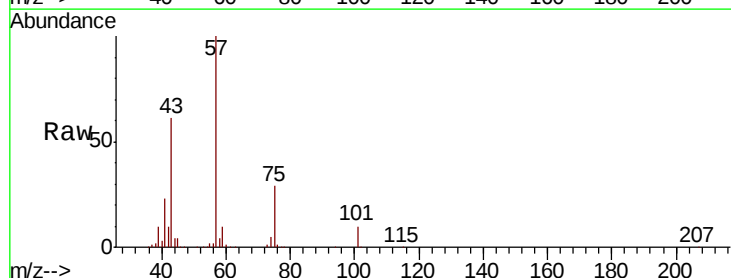
Instrument :  
 MSVOA\_N  
 ClientSampled :

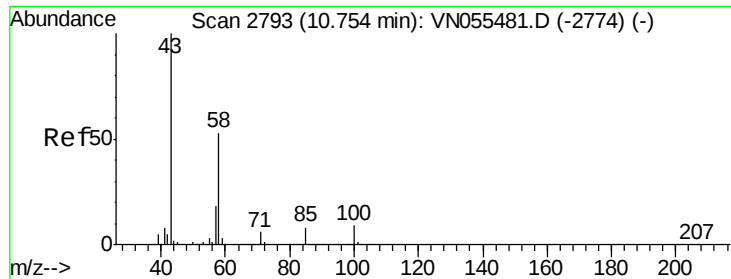
Tot Ion: 76 Resp: 23589  
 Ion Ratio Lower Upper  
 76 100  
 78 0.5 25.8 38.6#



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 12.590 ug/l  
 RT: 9.91 min Scan# 2531  
 Delta R.T. 0.22 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

Tgt Ion: 63 Resp: 440  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 18.6 27.8#

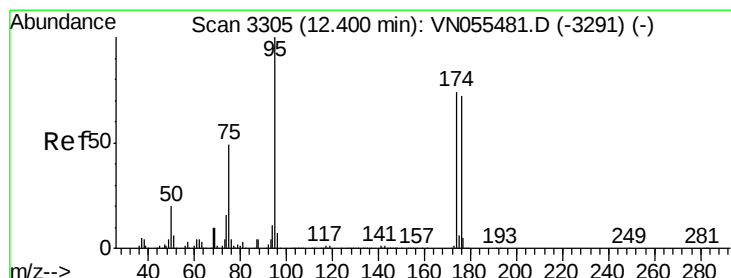
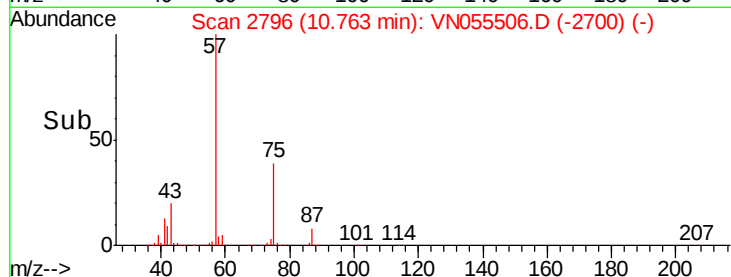
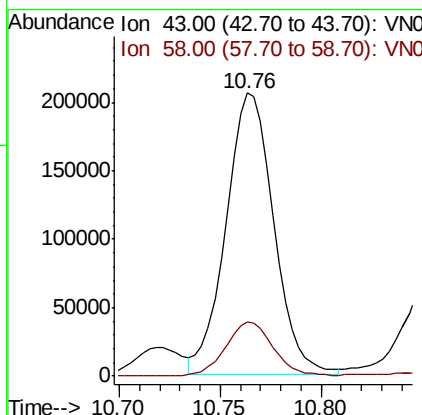
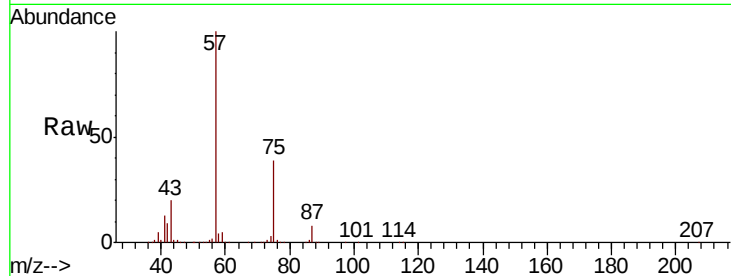




#59  
2-Hexanone  
Concen: 30.318 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN055506.D  
Acq: 9 May 2019 18:59

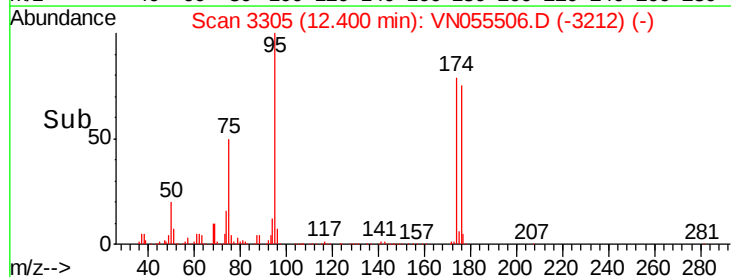
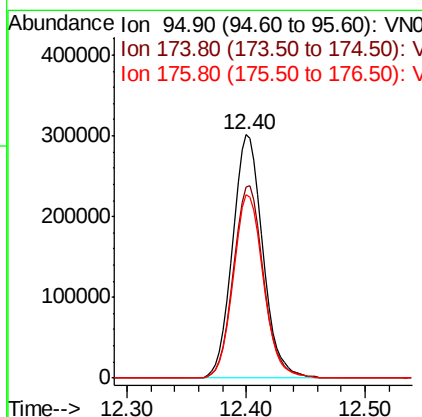
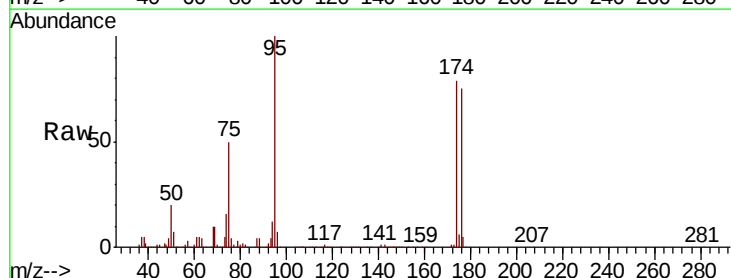
Instrument :  
MSVOA\_N  
ClientSampleId :

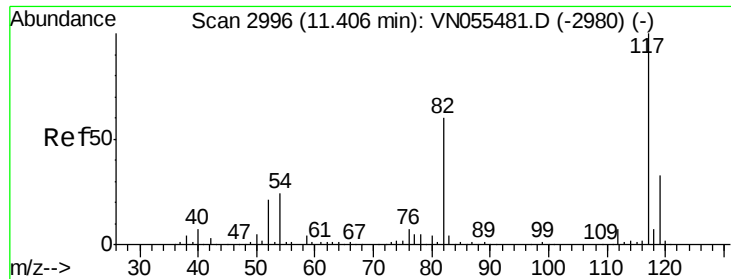
Tot Ion: 43 Resp: 342261  
Ion Ratio Lower Upper  
43 100  
58 19.2 26.4 79.0#



#62  
4-Bromofluorobenzene  
Concen: 41.747 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN055506.D  
Acq: 9 May 2019 18:59

Tgt Ion: 95 Resp: 530474  
Ion Ratio Lower Upper  
95 100  
174 79.2 0.0 152.2  
176 75.4 0.0 147.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA\_N

ClientSampled :

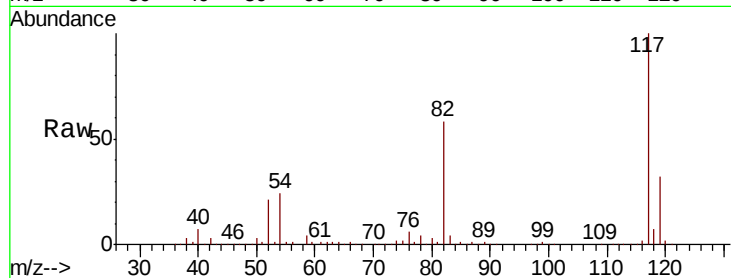
Tot Ion:117 Resp: 1245980

Ion Ratio Lower Upper

117 100

82 58.2 48.0 72.0

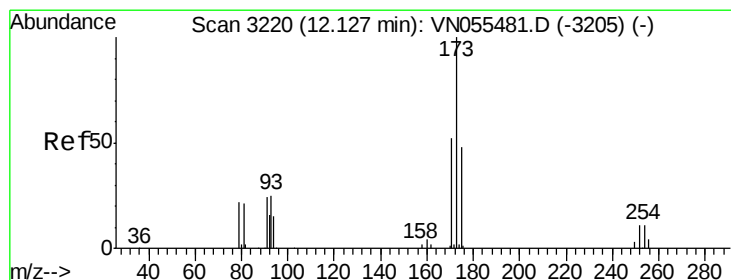
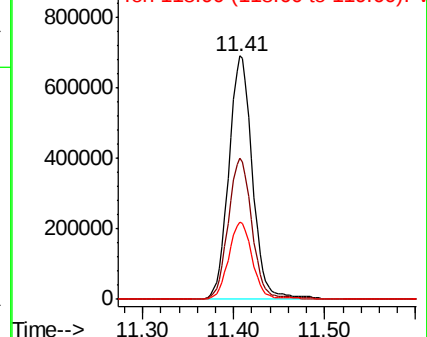
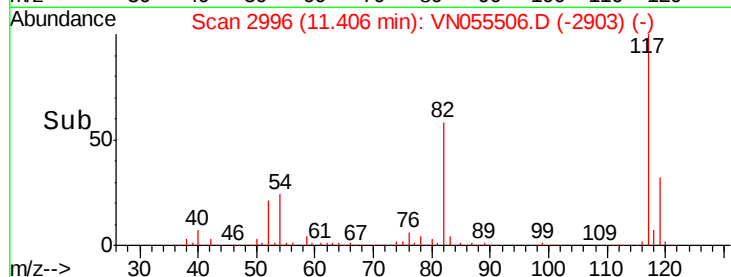
119 31.8 26.0 39.0



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



#71

Bromoform

Concen: 0.664 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

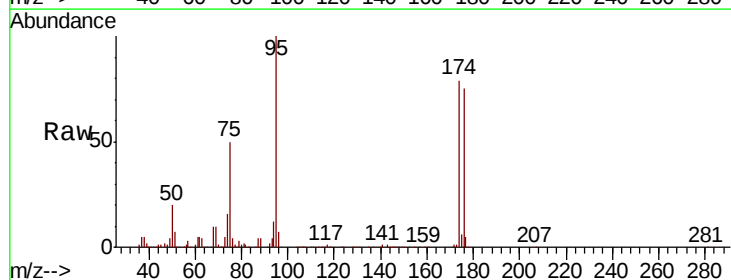
Tgt Ion:173 Resp: 3956

Ion Ratio Lower Upper

173 100

175 675.3 24.1 72.4#

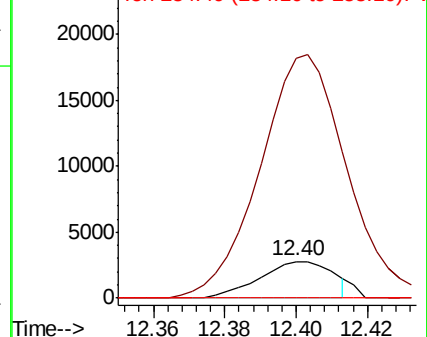
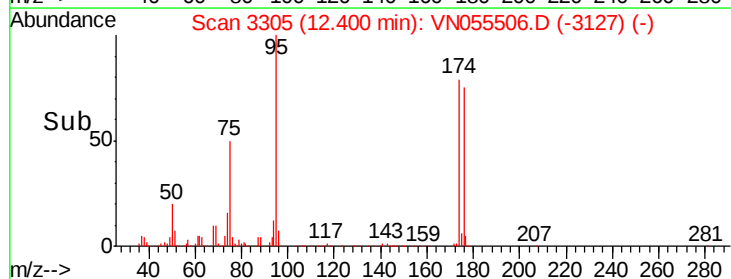
254 0.0 0.1 0.1#

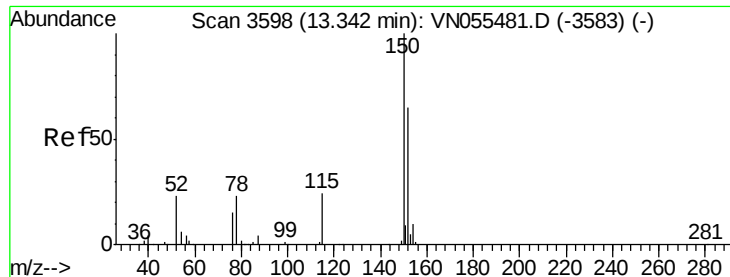


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



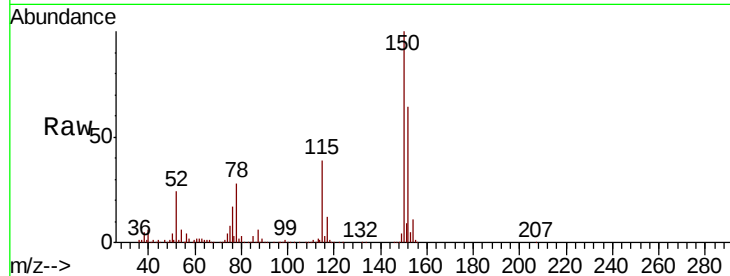


#72

1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. -0.00 min  
Lab File: VN055506.D  
Acq: 9 May 2019 18:59

Instrument :  
MSVOA\_N  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.3  | 30.1  | 90.5  |
| 150     | 155.3 | 0.0   | 355.0 |

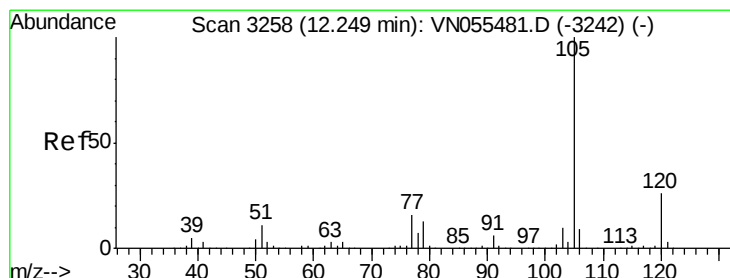
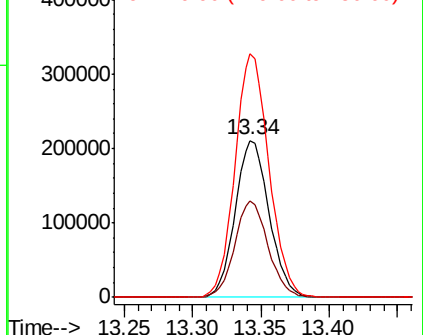
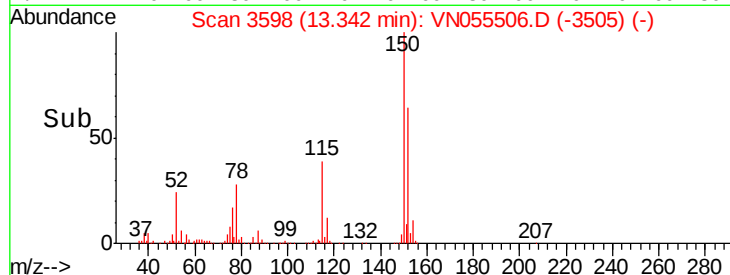


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

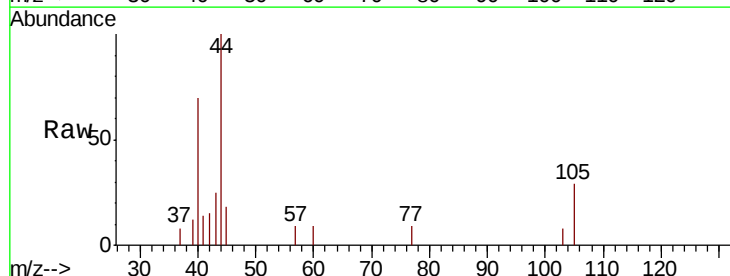
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene  
Concen: Below Cal  
RT: 12.25 min Scan# 3258  
Delta R.T. 0.00 min  
Lab File: VN055506.D  
Acq: 9 May 2019 18:59

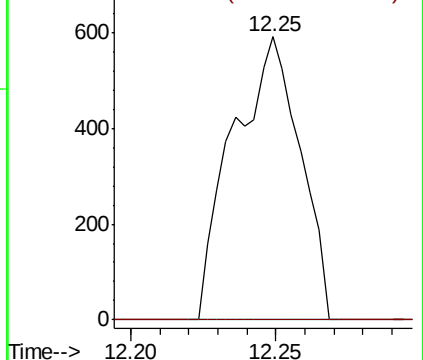
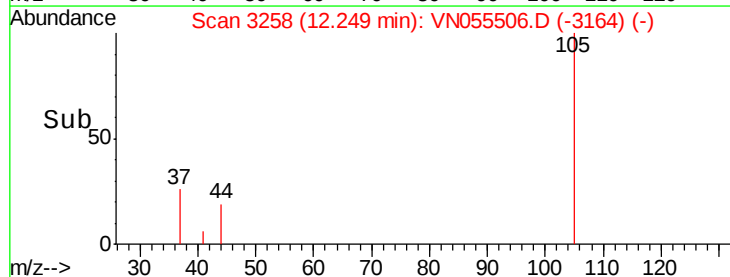
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 0.0   | 13.0  | 39.0# |

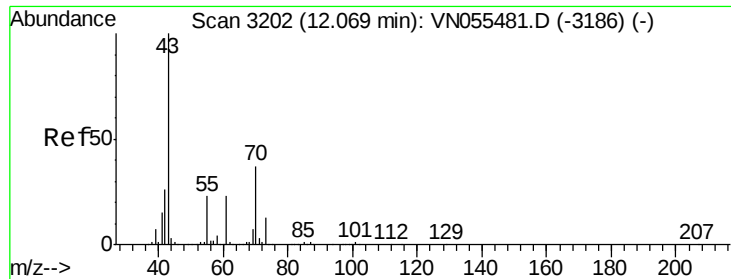


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.176 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA\_N

ClientSampled :

Tot Ion: 43 Resp: 30002

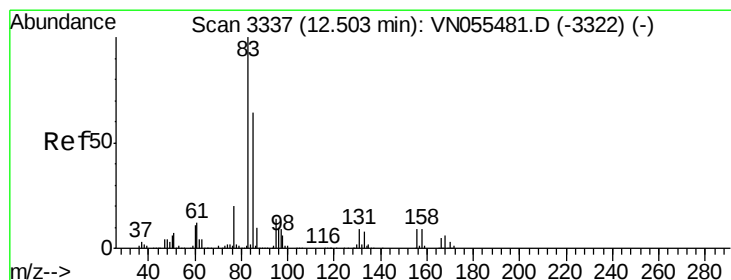
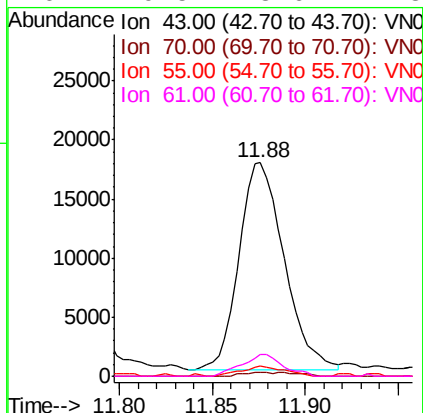
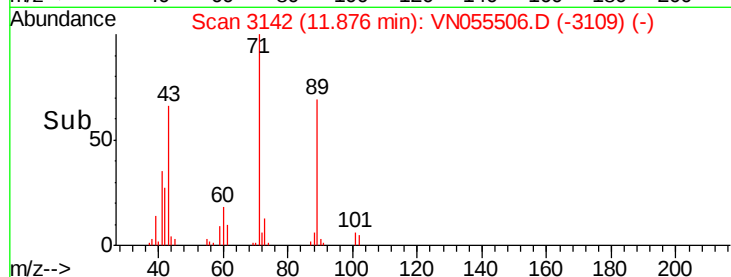
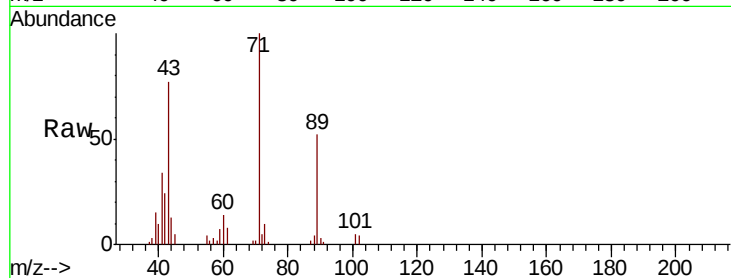
Ion Ratio Lower Upper

43 100

70 1.2 30.7 46.1#

55 4.7 19.3 28.9#

61 9.5 18.6 27.8#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

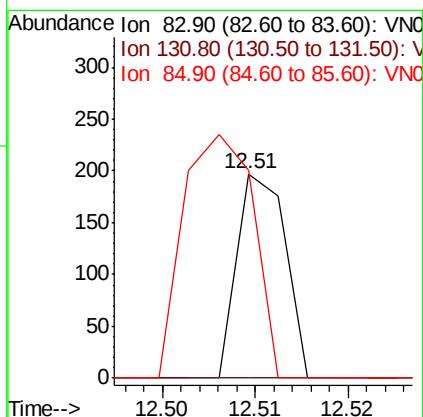
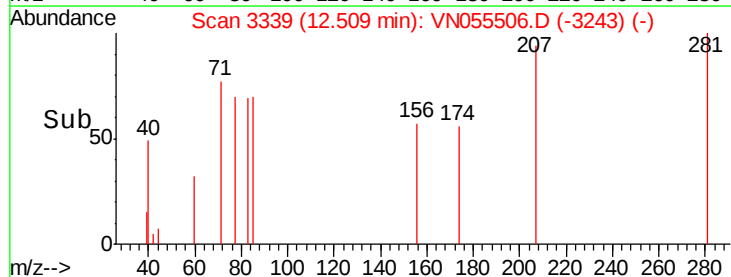
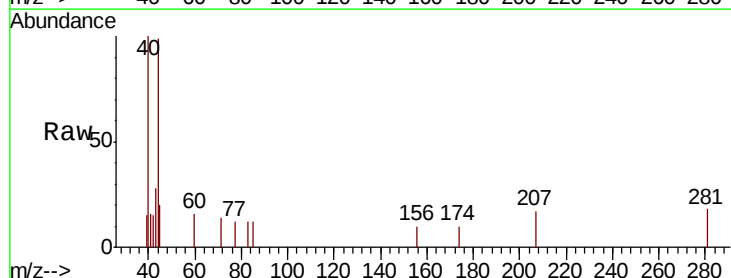
Tgt Ion: 83 Resp: 72

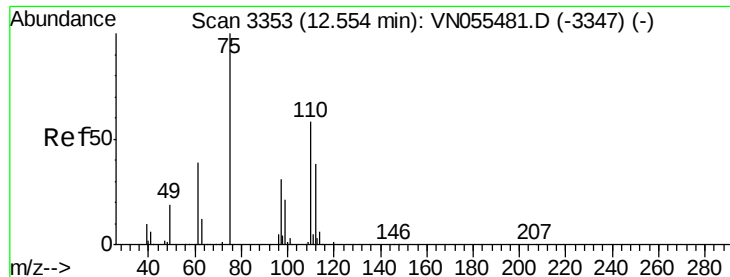
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 170.8 32.0 96.0#

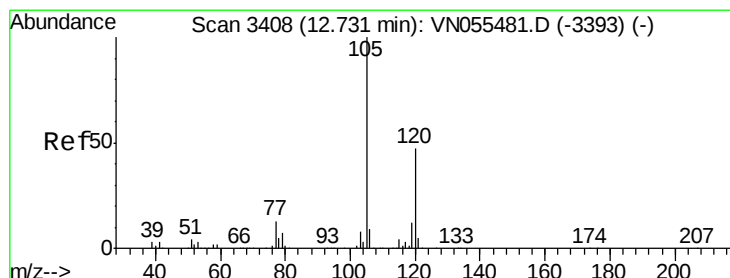
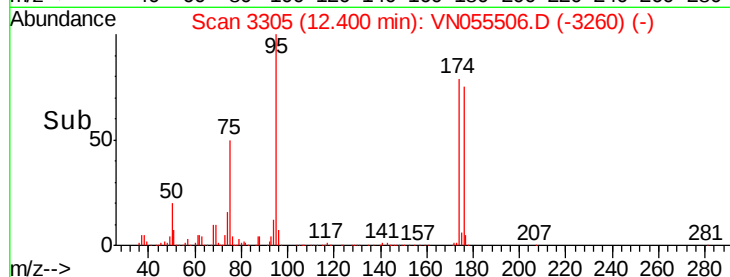
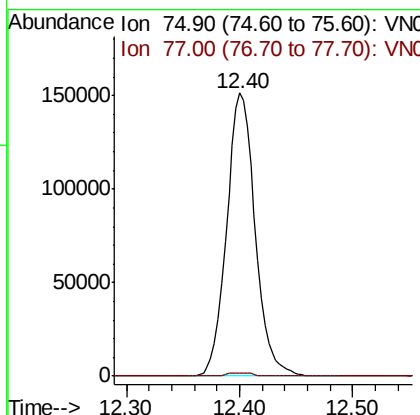
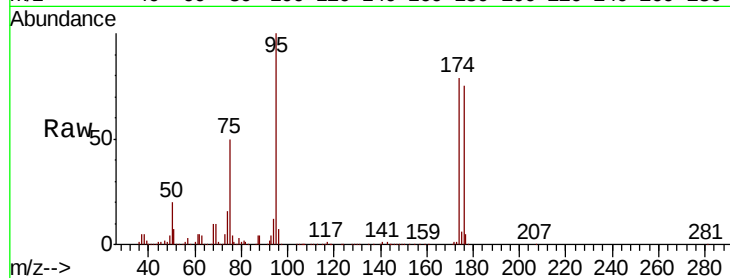




#76  
 1,2,3-Trichloropropane  
 Concen: 26.789 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.15 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

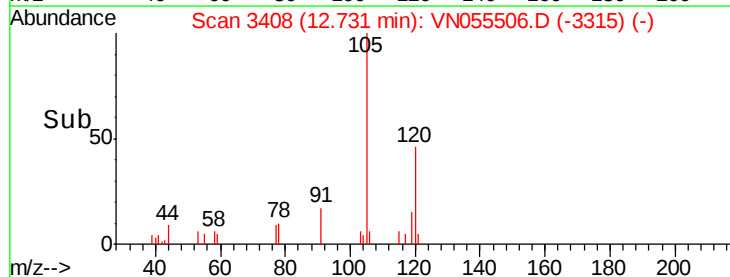
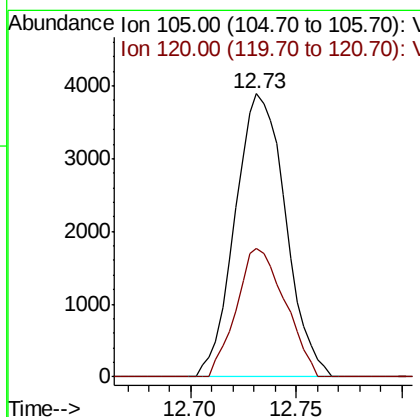
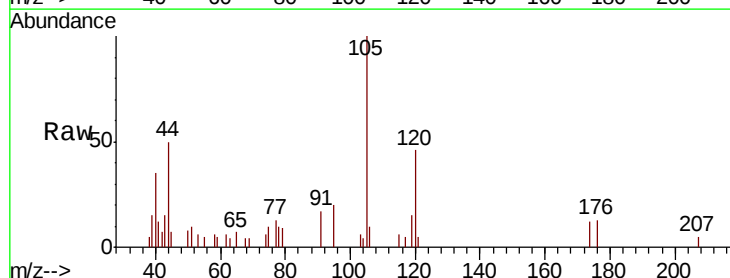
Instrument :  
 MSVOA\_N  
 ClientSampleId :

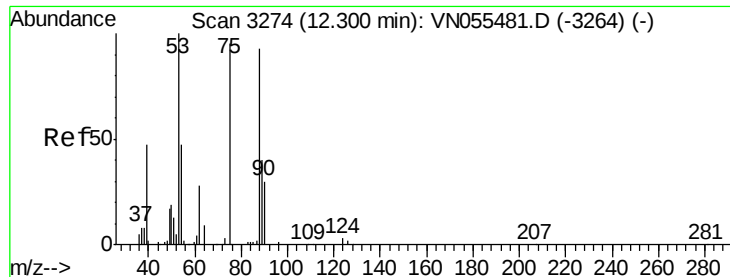
Tot Ion: 75 Resp: 264898  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 0.0 0.0#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.223 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. -0.00 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

Tgt Ion:105 Resp: 6473  
 Ion Ratio Lower Upper  
 105 100  
 120 43.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 98.848 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA\_N

ClientSampled :

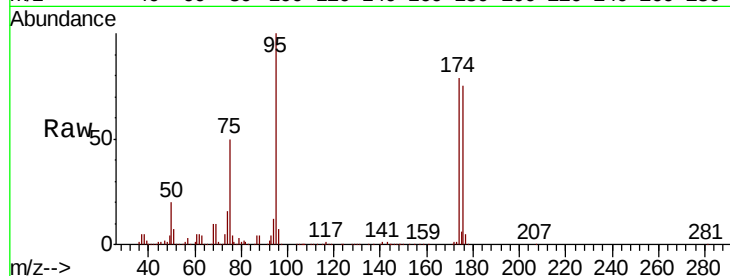
Tot Ion: 75 Resp: 264898

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

89 0.0 35.7 53.5#



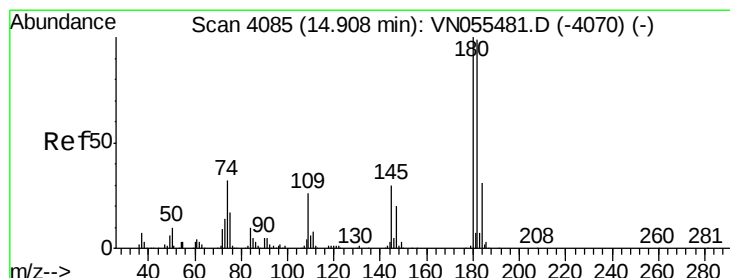
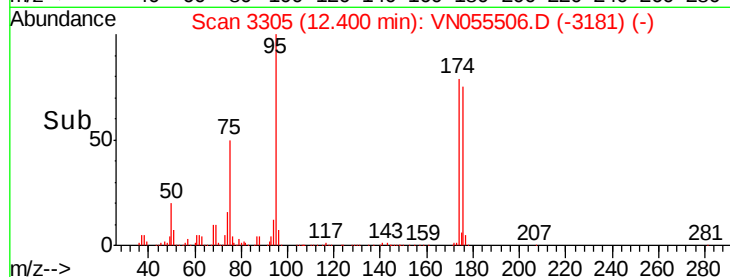
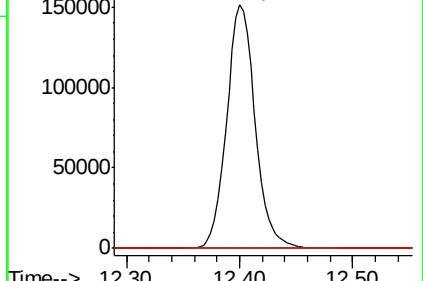
Abundance

Ion 74.90 (74.60 to 75.60): VN055506.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN055506.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN055506.D (-3305) (-)

12.40



#93

1,2,4-Trichlorobenzene

Concen: 3.356 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

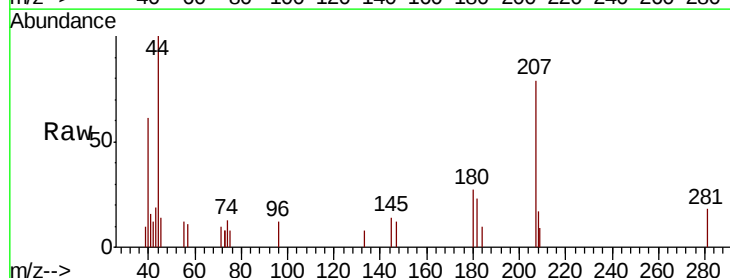
Tgt Ion: 180 Resp: 869

Ion Ratio Lower Upper

180 100

182 81.5 48.7 146.1

145 31.0 15.3 45.9



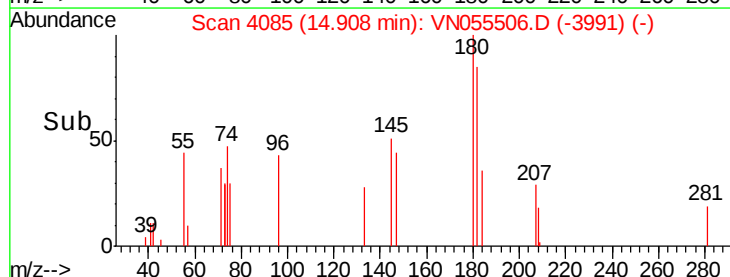
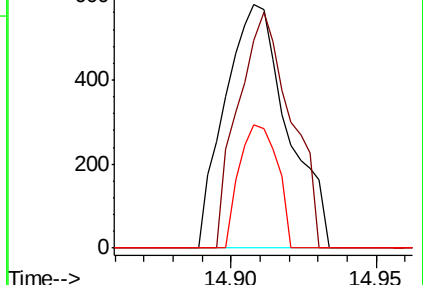
Abundance

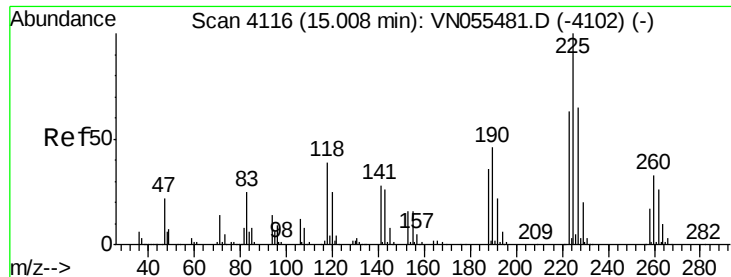
Ion 179.80 (179.50 to 180.50): VN055506.D (-4085) (-)

Ion 181.80 (181.50 to 182.50): VN055506.D (-4085) (-)

Ion 144.80 (144.50 to 145.50): VN055506.D (-4085) (-)

14.91





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA\_N

ClientSampled :

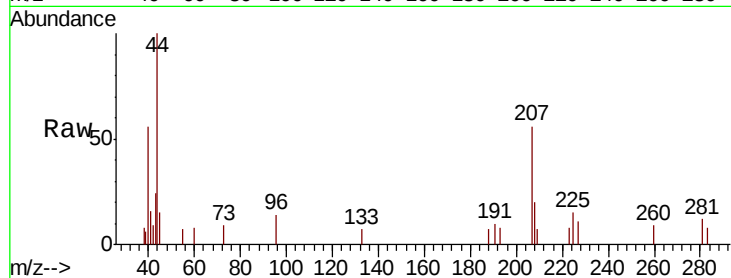
Tot Ion:225 Resp: 354

Ion Ratio Lower Upper

225 100

223 60.7 31.4 94.3

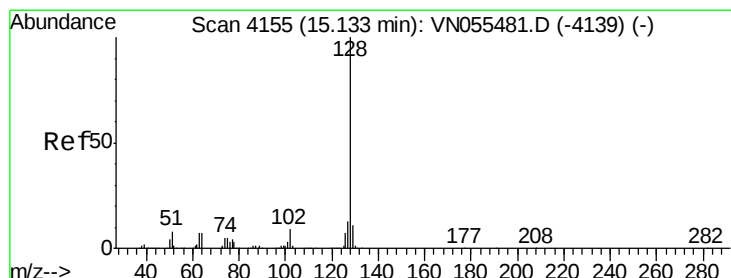
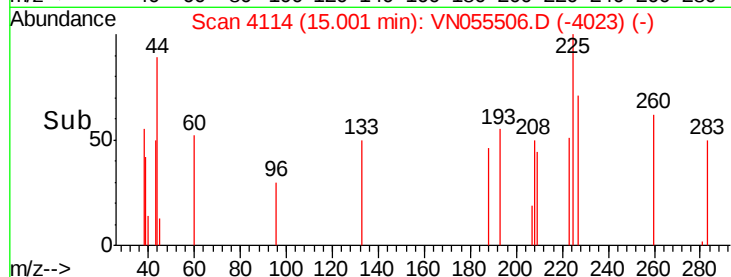
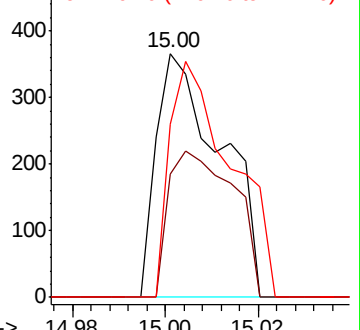
227 92.4 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.297 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

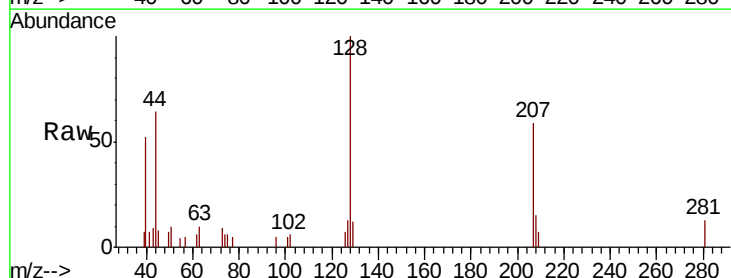
Tgt Ion:128 Resp: 5798

Ion Ratio Lower Upper

128 100

127 10.4 10.0 15.0

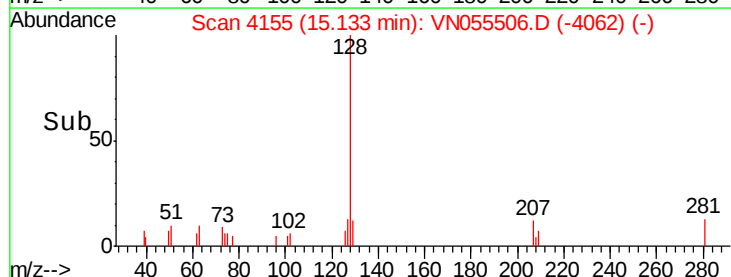
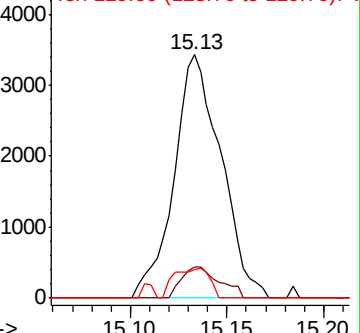
129 9.2 8.8 13.2

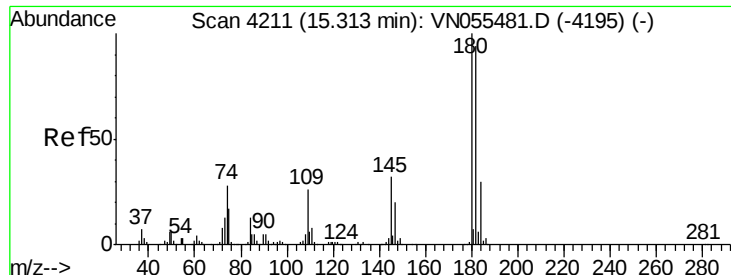


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

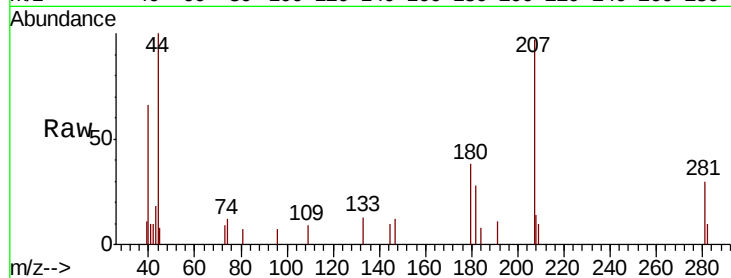




#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.628 ug/l  
 RT: 15.32 min Scan# 4213  
 Delta R.T. 0.01 min  
 Lab File: VN055506.D  
 Acq: 9 May 2019 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 60.7  | 47.1  | 141.3 |
| 145     | 24.6  | 15.8  | 47.4  |



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

