

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120319\  
 Data File : VN059466.D  
 Acq On : 3 Dec 2019 13:19  
 Operator : JC/SP  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 03 14:51:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N120319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 03 14:48:54 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 370010   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 585643   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 506269   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 204906   | 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   | 6374     | 1.45 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 2.90% |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 4688     | 1.31 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 2.62% |          |
| 50) Toluene-d8              | 10.08 | 98   | 18656    | 1.30 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 2.60% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 6657     | 1.33 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 2.66% |          |

| Target Compounds              | R.T. | QIon | Response | Conc  | Units  | Qvalue |
|-------------------------------|------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 5287     | 1.243 | ug/l   | 99     |
| 3) Chloromethane              | 2.04 | 50   | 6191     | 1.164 | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.17 | 62   | 3957     | 0.833 | ug/l   | 99     |
| 5) Bromomethane               | 2.54 | 94   | 3214     | 1.131 | ug/l   | 92     |
| 6) Chloroethane               | 2.68 | 64   | 2571     | 0.955 | ug/l   | 94     |
| 7) Trichlorofluoromethane     | 2.99 | 101  | 4666     | 0.815 | ug/l   | 100    |
| 8) Diethyl Ether              | 3.39 | 74   | 3181     | 1.276 | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101  | 4512     | 1.200 | ug/l   | 97     |
| 10) Methyl Iodide             | 3.92 | 142  | 4594     | 0.933 | ug/l # | 43     |
| 11) Tert butyl alcohol        | 4.76 | 59   | 5698     | 7.409 | ug/l # | 80     |
| 12) 1,1-Dichloroethene        | 3.71 | 96   | 4734     | 1.285 | ug/l   | 90     |
| 13) Acrolein                  | 3.58 | 56   | 4384     | 6.007 | ug/l   | 97     |
| 14) Allyl chloride            | 4.29 | 41   | 9554     | 1.386 | ug/l   | 98     |
| 15) Acrylonitrile             | 4.96 | 53   | 12779    | 5.959 | ug/l   | 97     |
| 16) Acetone                   | 3.80 | 43   | 20508    | 9.665 | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.03 | 76   | 17120    | 1.352 | ug/l # | 94     |
| 18) Methyl Acetate            | 4.30 | 43   | 7187     | 1.248 | ug/l # | 83     |
| 19) Methyl tert-butyl Ether   | 5.01 | 73   | 13840    | 1.153 | ug/l   | 91     |
| 20) Methylene Chloride        | 4.52 | 84   | 7306     | 1.719 | ug/l # | 87     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96   | 5143     | 1.278 | ug/l   | 90     |
| 22) Diisopropyl ether         | 5.92 | 45   | 14968    | 1.164 | ug/l # | 82     |
| 23) Vinyl Acetate             | 5.87 | 43   | 57810    | 5.543 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63   | 8996     | 1.218 | ug/l # | 92     |
| 25) 2-Butanone                | 6.82 | 43   | 19108    | 6.531 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.80 | 77   | 7964     | 1.266 | ug/l   | 95     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96   | 5594     | 1.267 | ug/l   | 97     |
| 28) Bromochloromethane        | 7.17 | 49   | 1746     | 0.694 | ug/l # | 98     |
| 29) Tetrahydrofuran           | 7.19 | 42   | 12293    | 6.318 | ug/l   | 97     |
| 30) Chloroform                | 7.35 | 83   | 8634     | 1.164 | ug/l # | 80     |
| 31) Cyclohexane               | 7.64 | 56   | 14701    | 1.987 | ug/l # | 29     |
| 32) 1,1,1-Trichloroethane     | 7.54 | 97   | 7355     | 1.211 | ug/l # | 50     |
| 36) 1,1-Dichloropropene       | 7.77 | 75   | 6802     | 1.194 | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.91 | 43   | 6199     | 1.009 | ug/l # | 87     |
| 38) Carbon Tetrachloride      | 7.75 | 117  | 6640     | 1.229 | ug/l # | 82     |

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 ClientSampleId :

Quant Time: Dec 03 14:51:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N120319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 03 14:48:54 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 7937     | 1.164  | ug/l   | 93       |
| 40) Benzene                    | 8.02  | 78   | 20593    | 1.216  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.15  | 41   | 2554     | 0.896  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 6961     | 1.287  | ug/l   | 86       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 10374    | 1.117  | ug/l # | 91       |
| 44) Trichloroethene            | 8.82  | 130  | 5557     | 1.289  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 5372     | 1.212  | ug/l   | 98       |
| 46) Dibromomethane             | 9.19  | 93   | 3210     | 1.172  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.39  | 83   | 6259     | 1.130  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.19  | 41   | 5042     | 1.221  | ug/l   | 88       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 2010     | 34.308 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 29733    | 5.479  | ug/l   | 97       |
| 52) Toluene                    | 10.15 | 92   | 12157    | 1.200  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 7507     | 1.178  | ug/l # | 88       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 7426     | 1.083  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 4798     | 1.205  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 5266     | 0.906  | ug/l   | 87       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 7882     | 1.150  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 5655     | 3.374  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 23616    | 5.854  | ug/l   | 95       |
| 60) Dibromochloromethane       | 10.90 | 129  | 4451     | 1.075  | ug/l   | 92       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 4519     | 1.108  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.63 | 164  | 4948     | 1.304  | ug/l   | 90       |
| 65) Chlorobenzene              | 11.43 | 112  | 13400    | 1.293  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 4598     | 1.222  | ug/l # | 63       |
| 67) Ethyl Benzene              | 11.51 | 91   | 21809    | 1.195  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 15681    | 2.296  | ug/l   | 98       |
| 69) o-Xylene                   | 11.95 | 106  | 7477     | 1.146  | ug/l   | 96       |
| 70) Styrene                    | 11.97 | 104  | 10676    | 1.044  | ug/l   | 93       |
| 71) Bromoform                  | 12.12 | 173  | 2931     | 1.018  | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.25 | 105  | 19303    | 1.256  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 7970     | 1.358  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 6632     | 1.315  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 9215     | 1.935  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 5270     | 1.401  | ug/l   | 90       |
| 78) n-propylbenzene            | 12.59 | 91   | 22148    | 1.247  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 14586    | 1.375  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 15501    | 1.200  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 1713     | 0.929  | ug/l # | 79       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 14575    | 1.334  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 13738    | 1.235  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 15202    | 1.201  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 18384    | 1.246  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 16500    | 1.238  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 9666     | 1.451  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.28 | 146  | 9666     | 1.443  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 16610    | 1.423  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 3241     | 1.269  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 9839     | 1.507  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 1704     | 1.487  | ug/l   | 75       |

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Sample : VSTDICC001  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 3 Sample Multiplier: 1

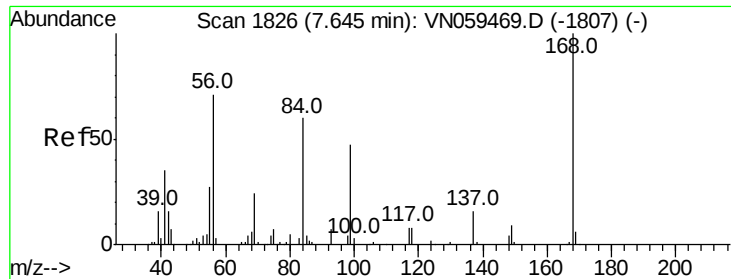
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 03 14:51:12 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N120319W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 03 14:48:54 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 8684     | 2.161 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 4798     | 1.929 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 33526    | 2.928 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 10070    | 2.355 | ug/l  | 95       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

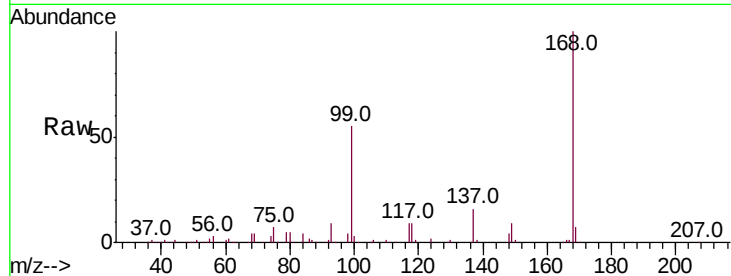
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 370010

Ion Ratio Lower Upper

168 100

99 55.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

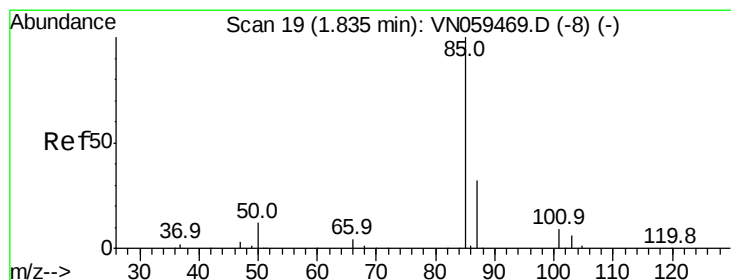
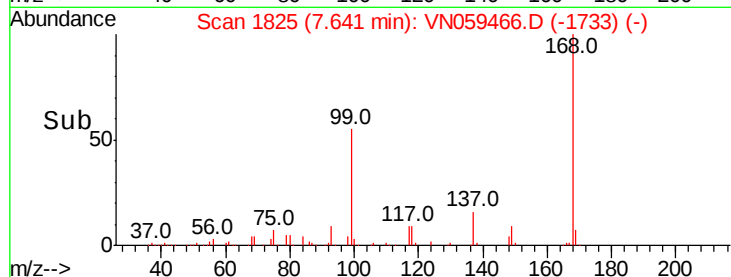
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 1.243 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059466.D

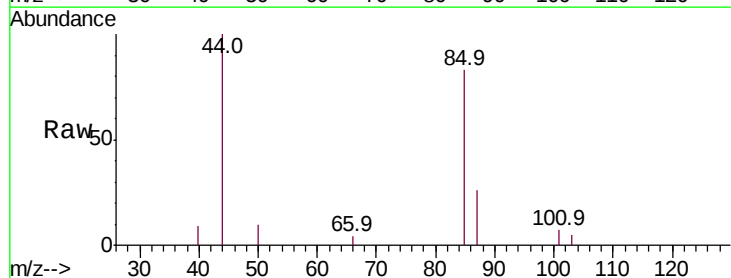
Acq: 3 Dec 2019 13:19

Tgt Ion: 85 Resp: 5287

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

4000

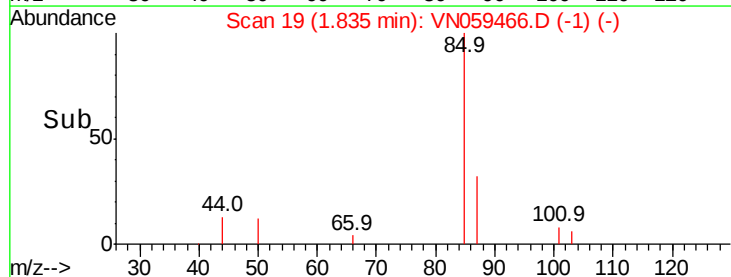
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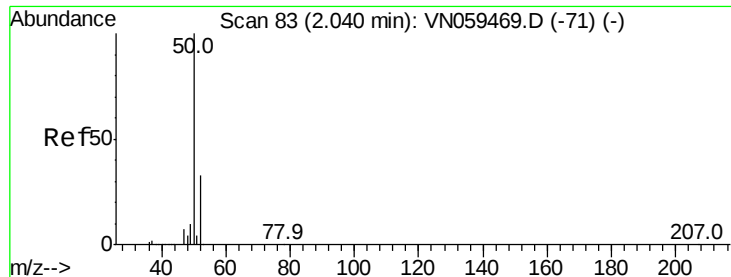
2000

1000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 1.164 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

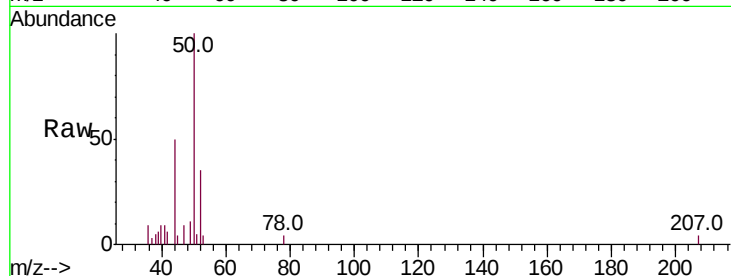
ClientSampled :

Tot Ion: 50 Resp: 6191

Ion Ratio Lower Upper

50 100

52 34.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

4000

3000

2000

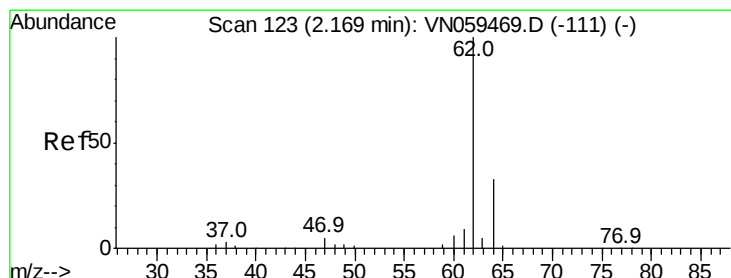
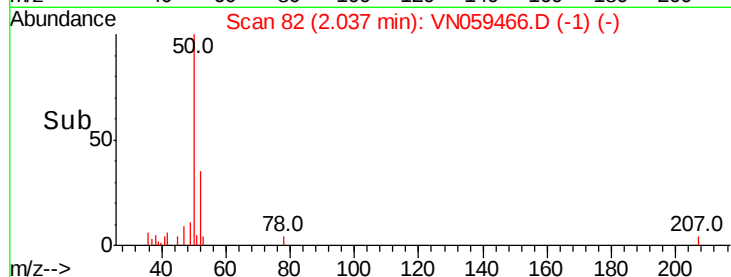
1000

0

Time-->

2.00

2.05



#4

Vinyl Chloride

Concen: 0.833 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN059466.D

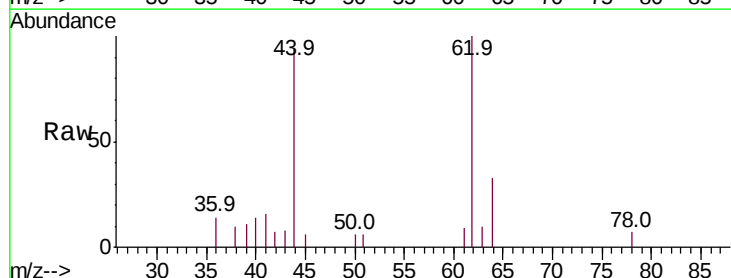
Acq: 3 Dec 2019 13:19

Tgt Ion: 62 Resp: 3957

Ion Ratio Lower Upper

62 100

64 33.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

2500

2000

1500

1000

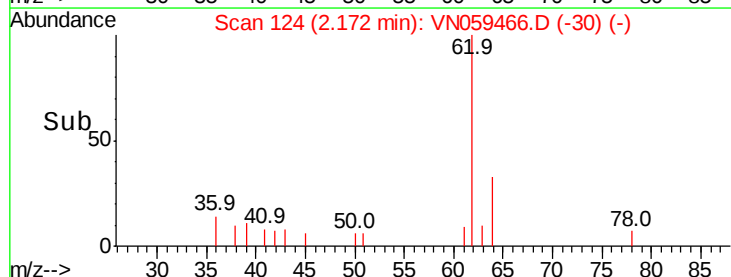
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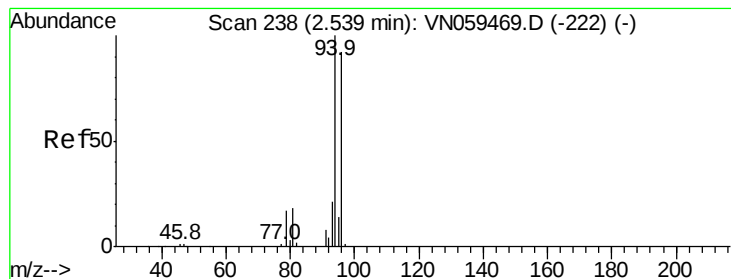
0

Time-->

2.15

2.20





#5

Bromomethane

Concen: 1.131 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

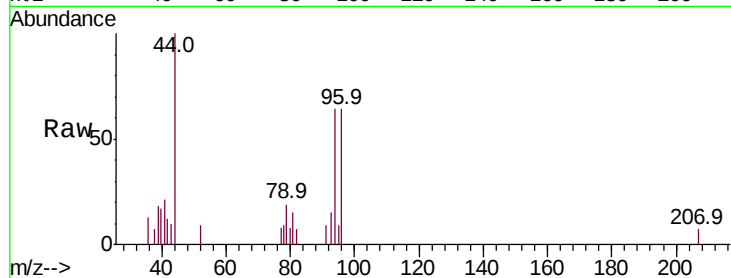
ClientSampleId :

Tot Ion: 94 Resp: 3214

Ion Ratio Lower Upper

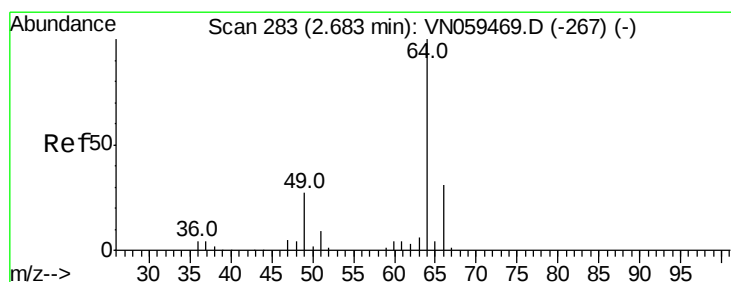
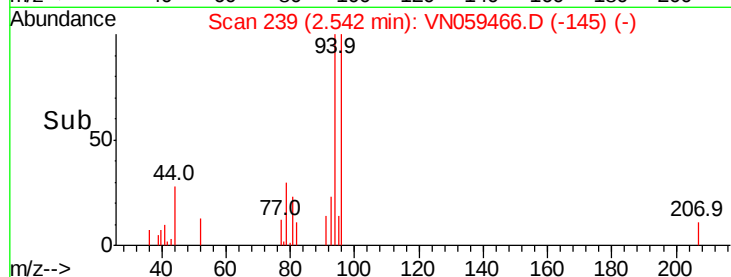
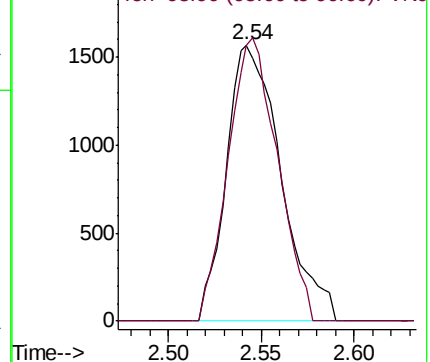
94 100

96 99.8 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.955 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN059466.D

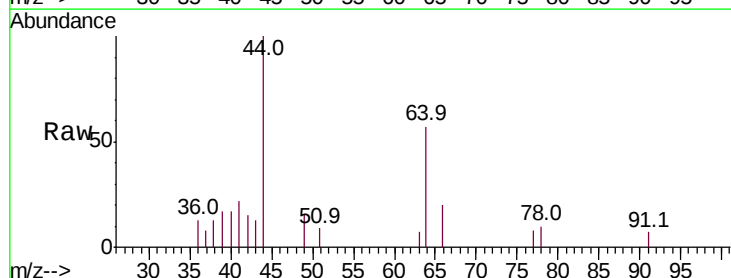
Acq: 3 Dec 2019 13:19

Tgt Ion: 64 Resp: 2571

Ion Ratio Lower Upper

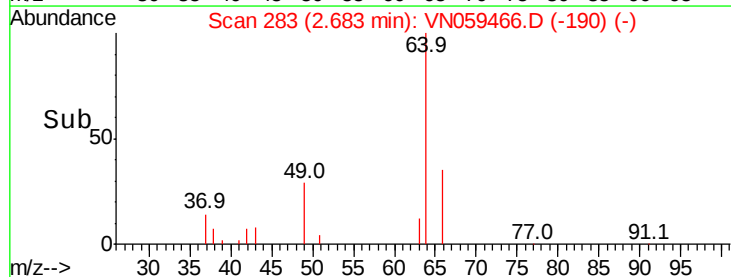
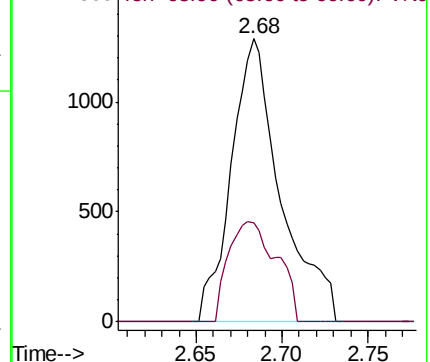
64 100

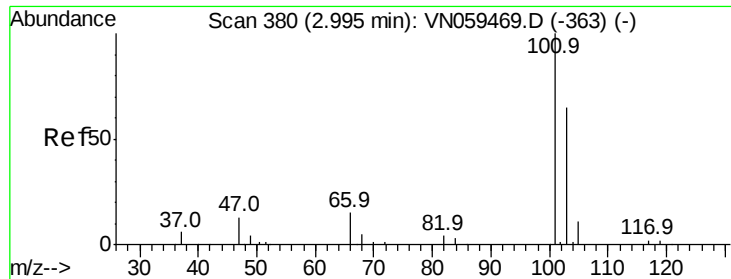
66 35.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



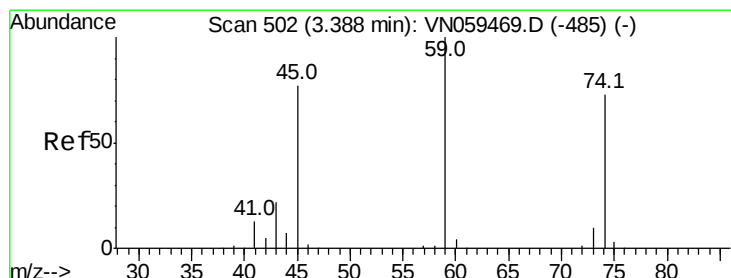
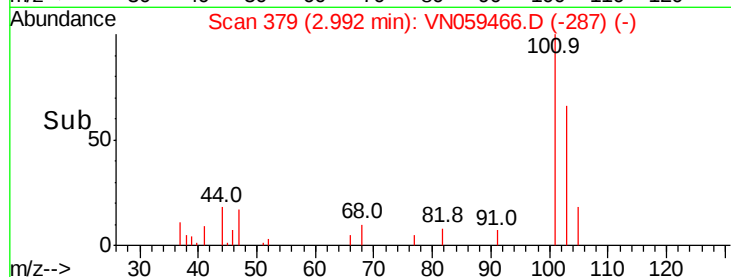
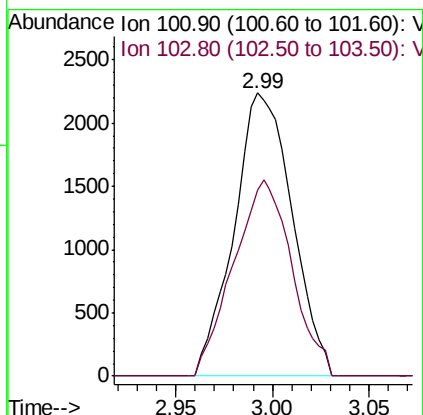
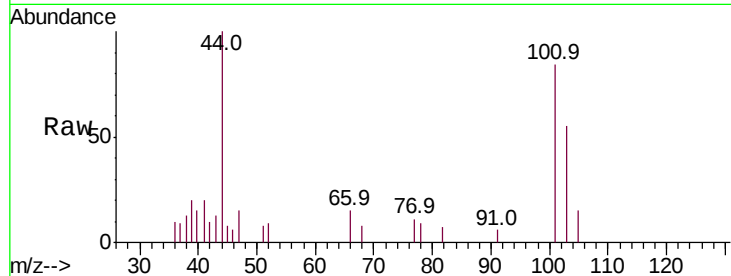


#7

Trichlorofluoromethane  
 Concen: 0.815 ug/l  
 RT: 2.99 min Scan# 379  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :

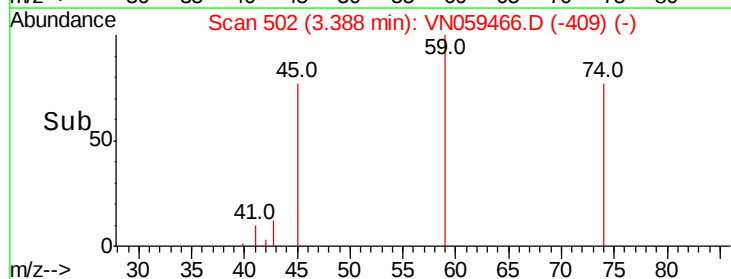
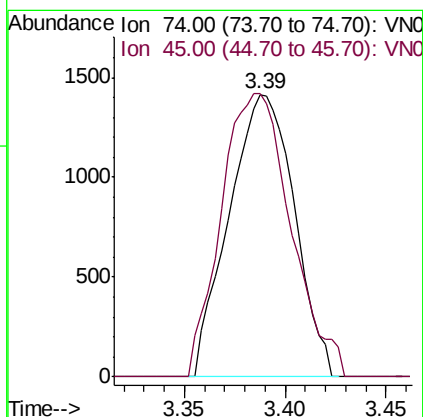
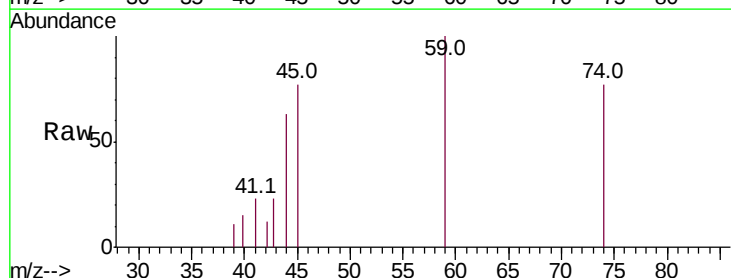
Tot Ion:101 Resp: 4666  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 52.4 78.6

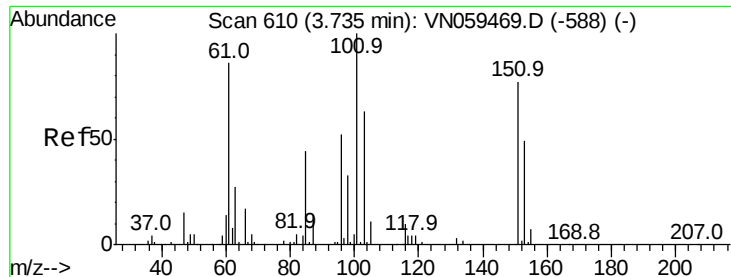


#8

Diethyl Ether  
 Concen: 1.276 ug/l  
 RT: 3.39 min Scan# 502  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

Tgt Ion: 74 Resp: 3181  
 Ion Ratio Lower Upper  
 74 100  
 45 107.4 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.200 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampled :

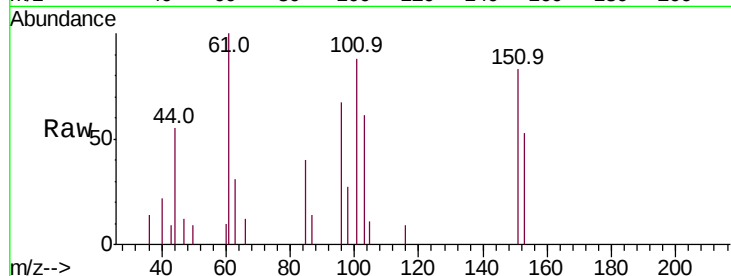
Tot Ion:101 Resp: 4512

Ion Ratio Lower Upper

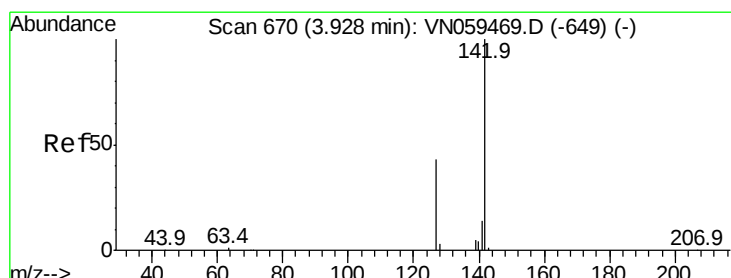
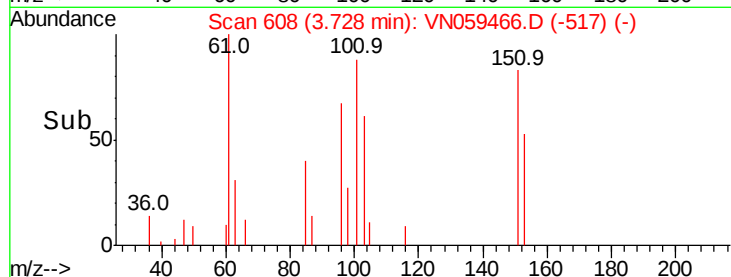
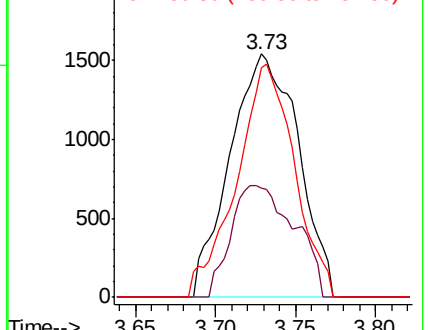
101 100

85 42.6 35.2 52.8

151 81.3 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): V  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.933 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

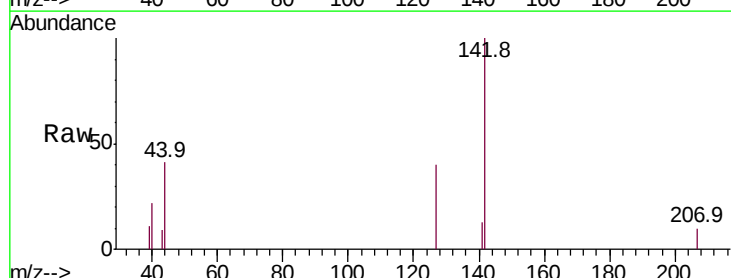
Tgt Ion:142 Resp: 4594

Ion Ratio Lower Upper

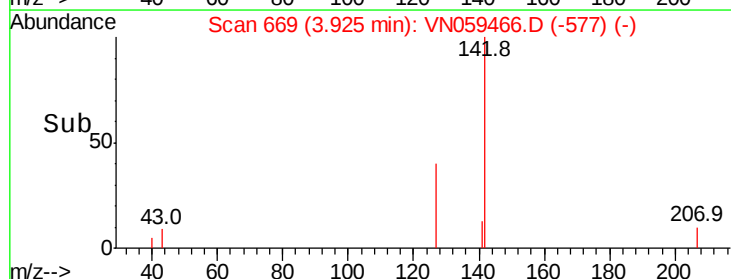
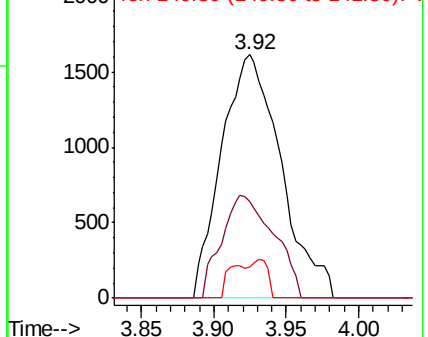
142 100

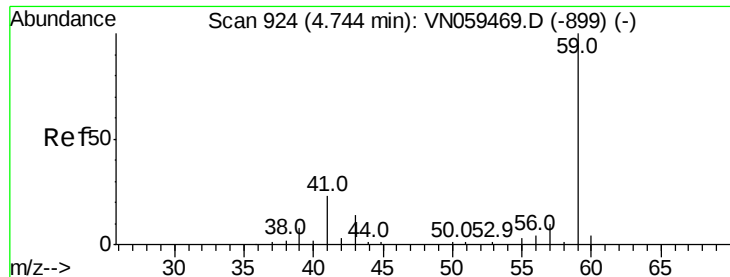
127 0.0 34.6 52.0#

141 3.9 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V

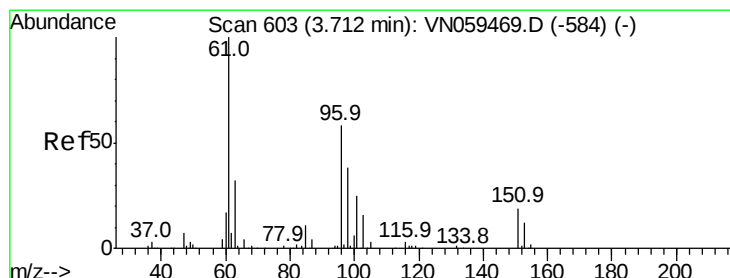
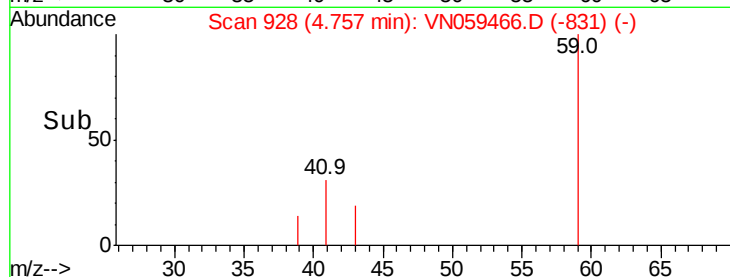
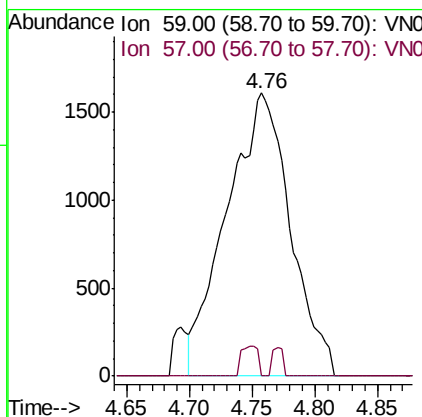
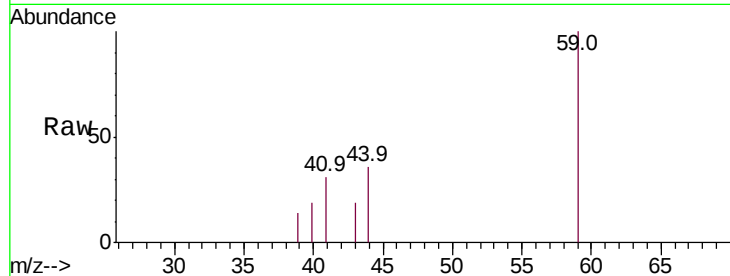




#11  
Tert butyl alcohol  
Concen: 7.409 ug/l  
RT: 4.76 min Scan# 928  
Delta R.T. 0.01 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

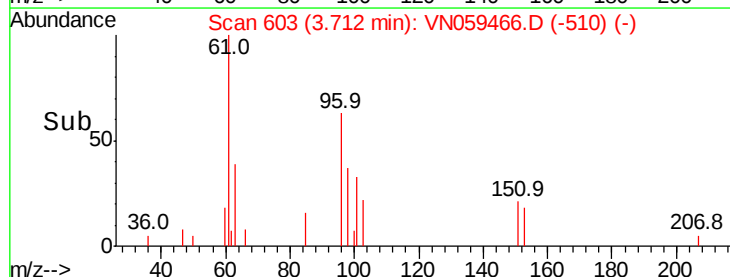
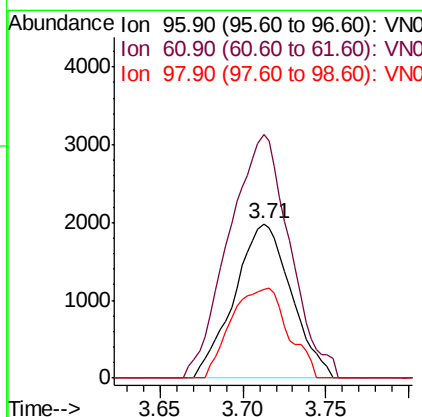
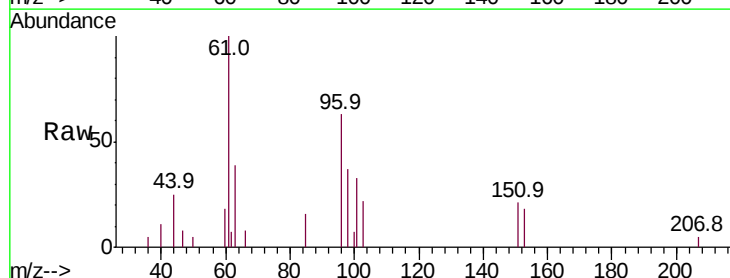
Instrument :  
MSVOA\_N  
ClientSampleId :

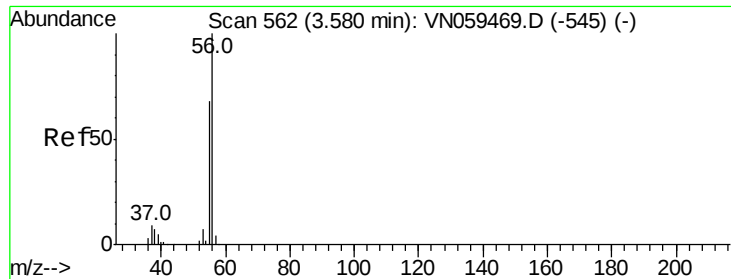
Tot Ion: 59 Resp: 5698  
Ion Ratio Lower Upper  
59 100  
57 2.7 8.1 12.1#



#12  
1,1-Dichloroethene  
Concen: 1.285 ug/l  
RT: 3.71 min Scan# 603  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion: 96 Resp: 4734  
Ion Ratio Lower Upper  
96 100  
61 157.5 137.1 205.7  
98 57.8 52.4 78.6





#13

Acrolein

Concen: 6.007 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

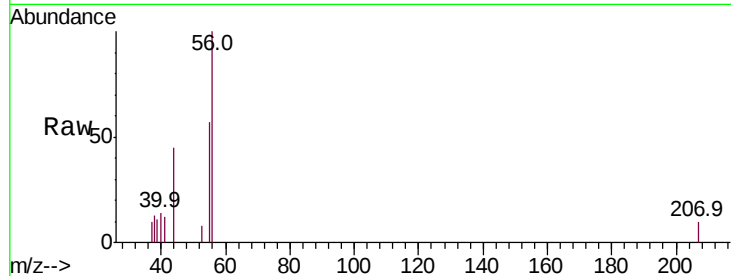
ClientSampleId :

Tot Ion: 56 Resp: 4384

Ion Ratio Lower Upper

56 100

55 67.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

2000

1500

1000

500

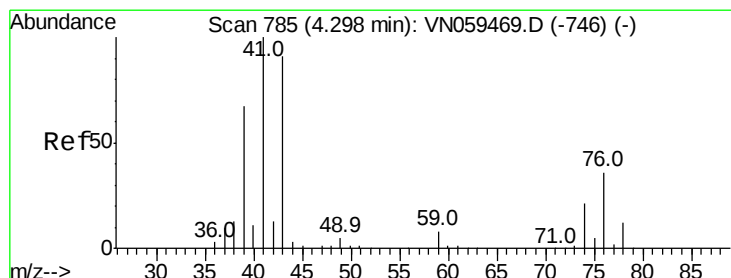
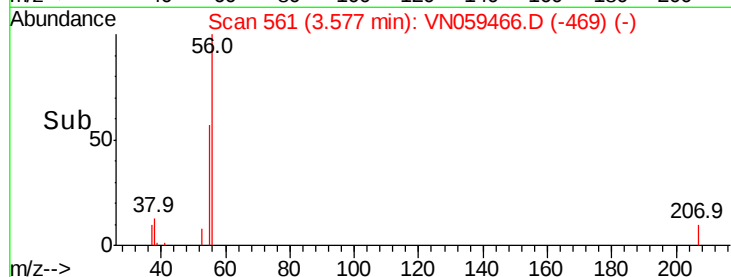
0

Time-->

3.55

3.60

3.65



#14

Allyl chloride

Concen: 1.386 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

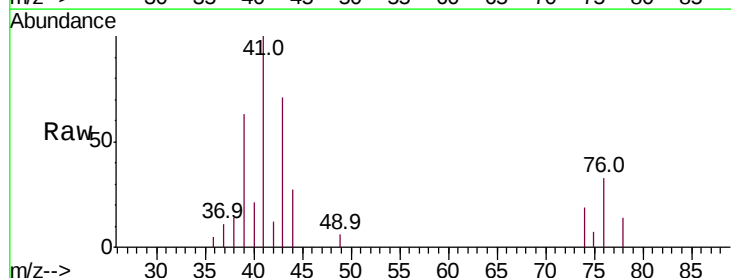
Tgt Ion: 41 Resp: 9554

Ion Ratio Lower Upper

41 100

39 61.8 49.3 73.9

76 29.0 25.6 38.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4000

3000

2000

1000

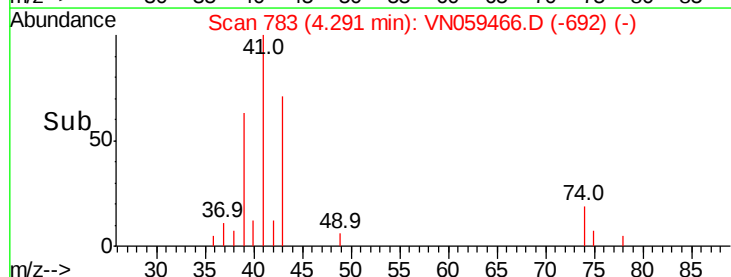
0

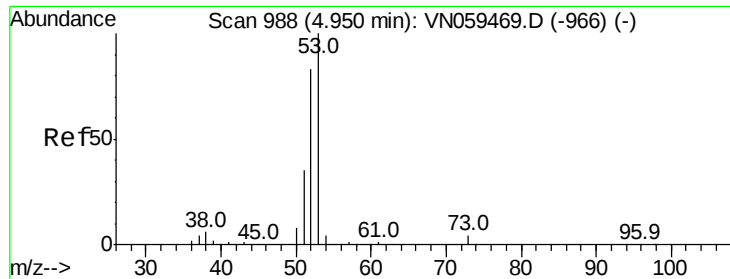
Time-->

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 5.959 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.01 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampleId :

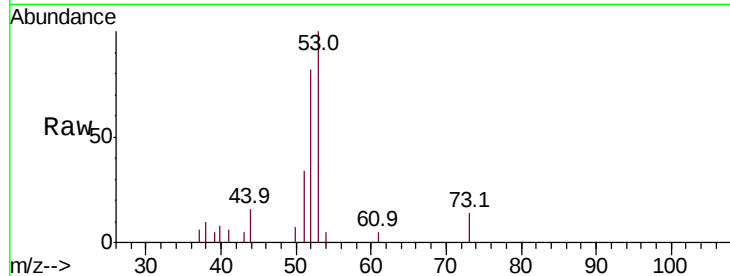
Tot Ion: 53 Resp: 12779

Ion Ratio Lower Upper

53 100

52 80.1 65.5 98.3

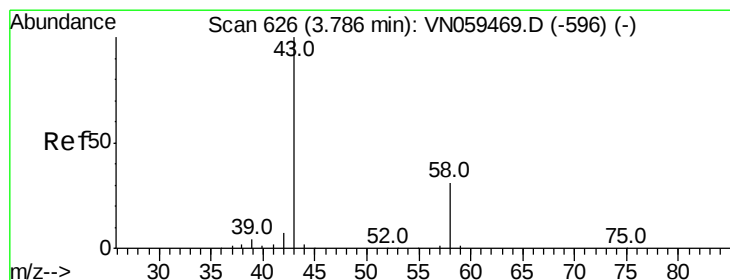
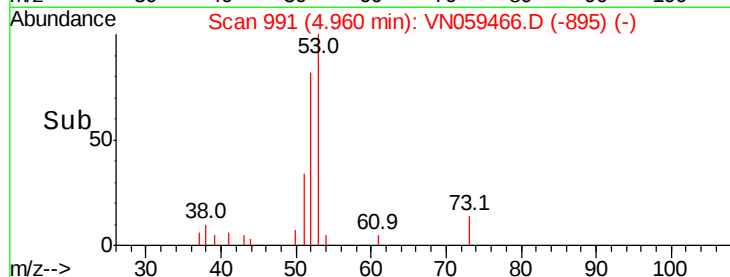
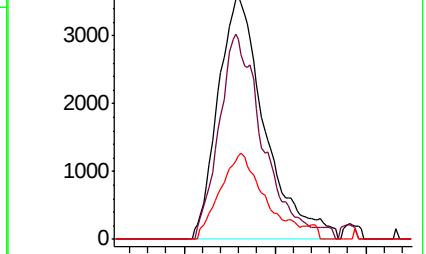
51 33.4 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN059466.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059466.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059466.D (-966) (-)



#16

Acetone

Concen: 9.665 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059466.D

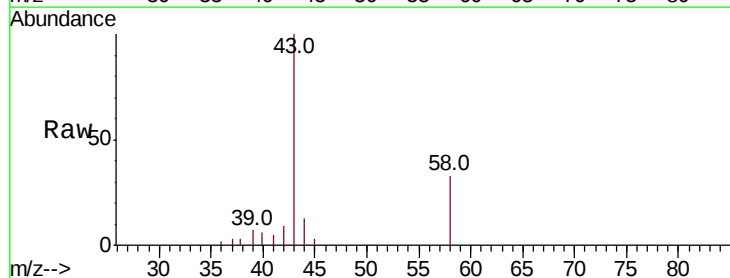
Acq: 3 Dec 2019 13:19

Tgt Ion: 43 Resp: 20508

Ion Ratio Lower Upper

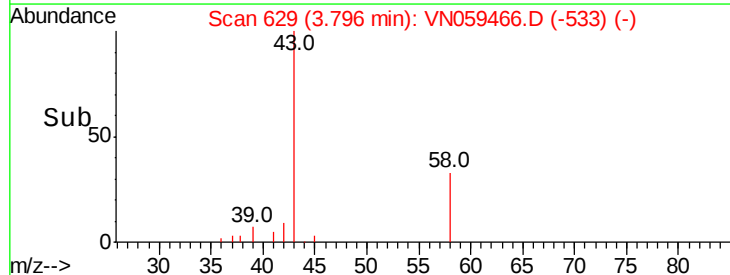
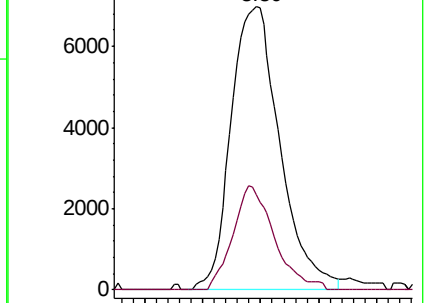
43 100

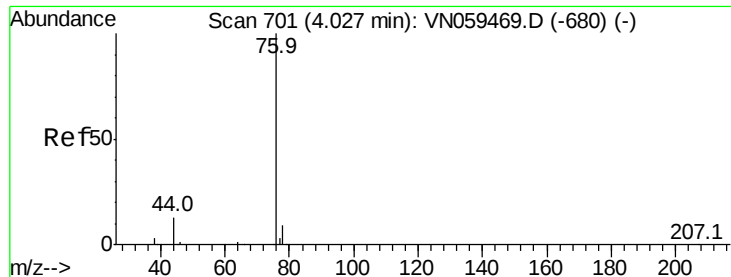
58 33.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059466.D (-533) (-)

Ion 58.00 (57.70 to 58.70): VN059466.D (-533) (-)

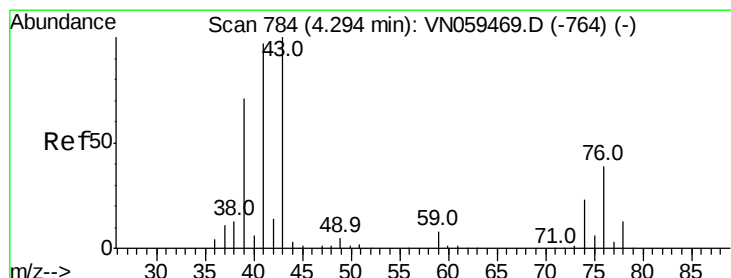
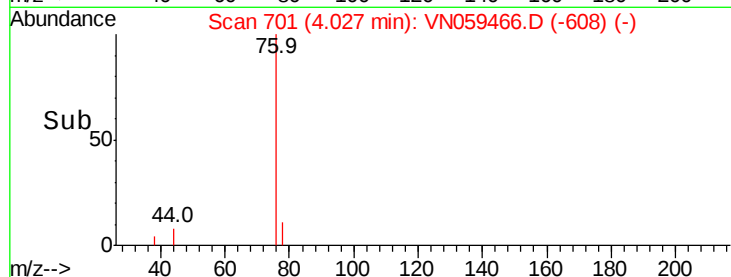
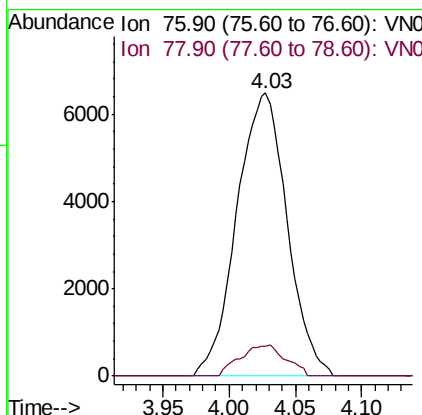
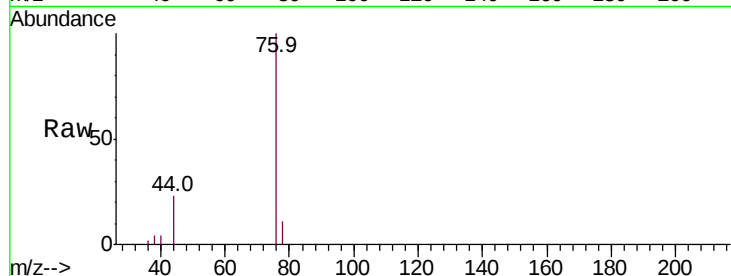




#17  
Carbon Disulfide  
Concen: 1.352 ug/l  
RT: 4.03 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

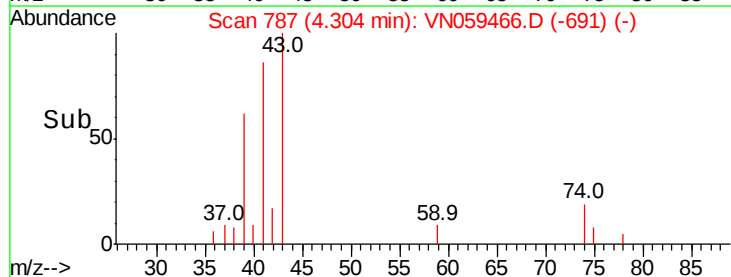
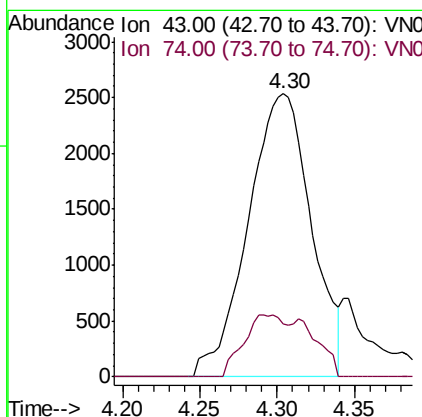
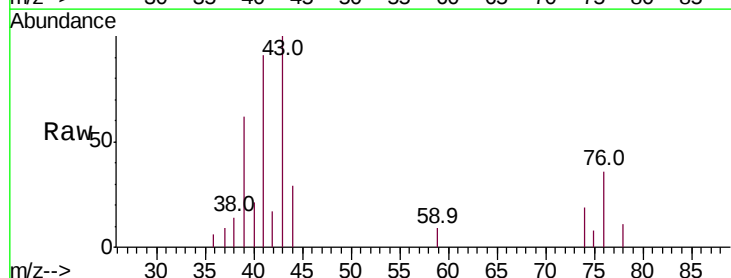
Instrument :  
MSVOA\_N  
ClientSampleId :

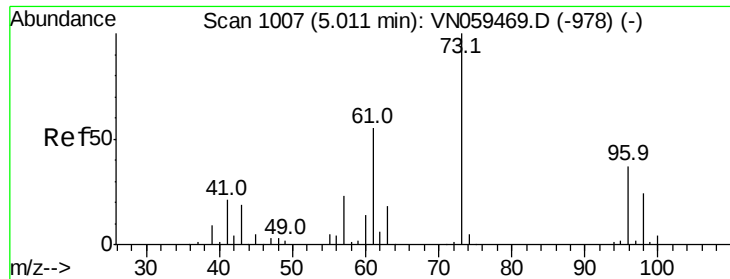
Tot Ion: 76 Resp: 17120  
Ion Ratio Lower Upper  
76 100  
78 10.8 7.0 10.6#



#18  
Methyl Acetate  
Concen: 1.248 ug/l  
RT: 4.30 min Scan# 787  
Delta R.T. 0.01 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion: 43 Resp: 7187  
Ion Ratio Lower Upper  
43 100  
74 14.6 18.3 27.5#

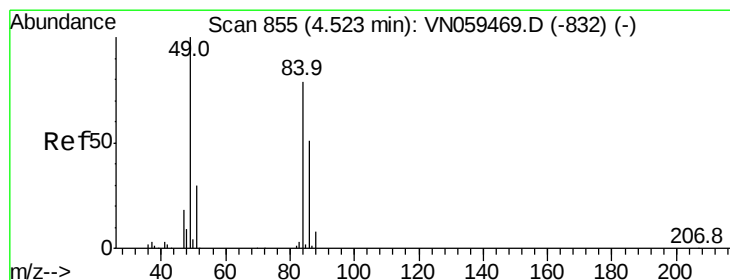
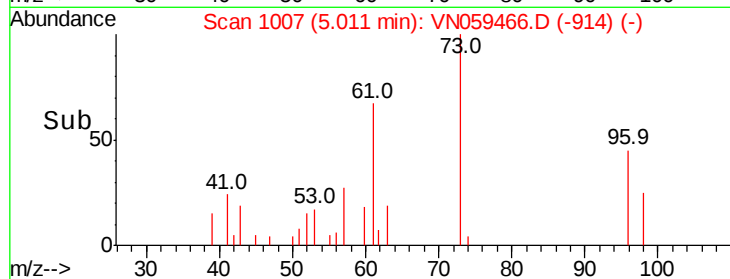
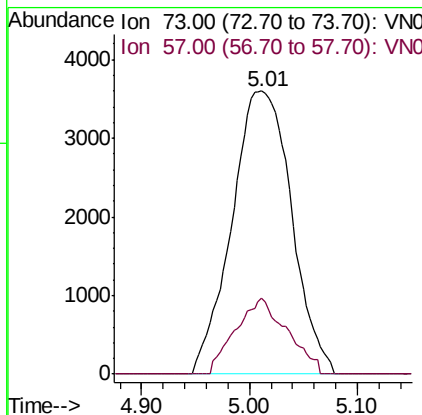
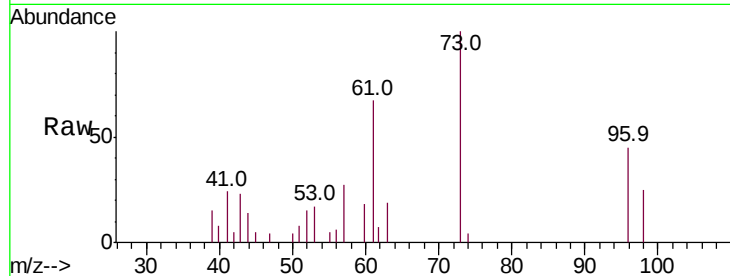




#19  
Methvl tert-butvl Ether  
Concen: 1.153 ug/l  
RT: 5.01 min Scan# 1007  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

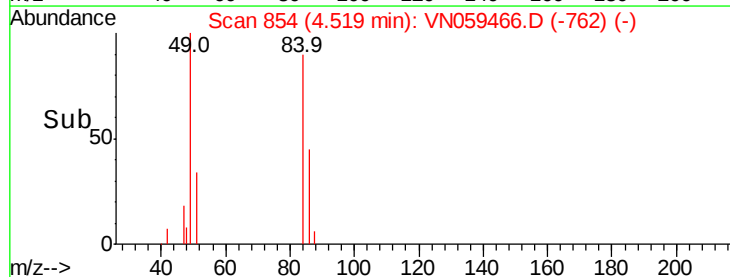
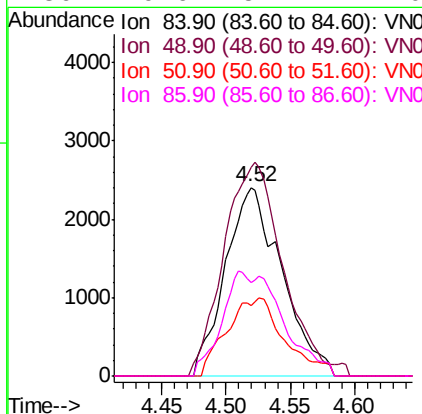
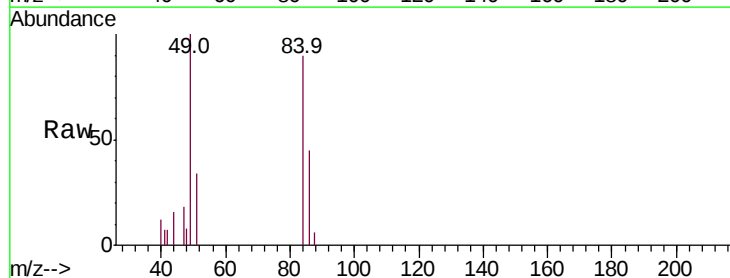
Instrument :  
MSVOA\_N  
ClientSampleId :

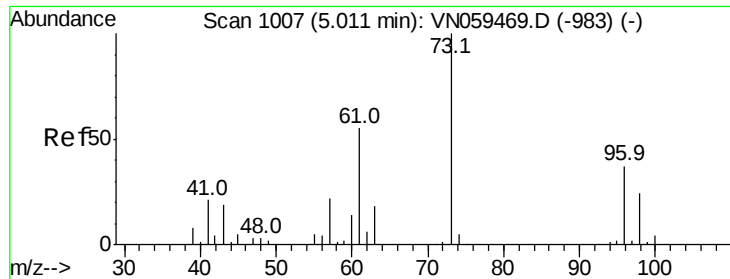
Tot Ion: 73 Resp: 13840  
Ion Ratio Lower Upper  
73 100  
57 26.9 18.0 27.0



#20  
Methylene Chloride  
Concen: 1.719 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion: 84 Resp: 7306  
Ion Ratio Lower Upper  
84 100  
49 110.7 101.1 151.7  
51 37.5 30.7 46.1  
86 49.6 51.4 77.0#

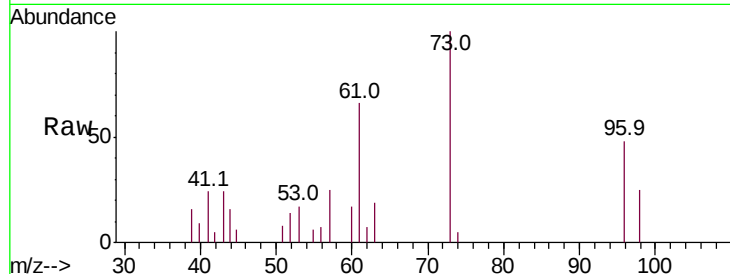




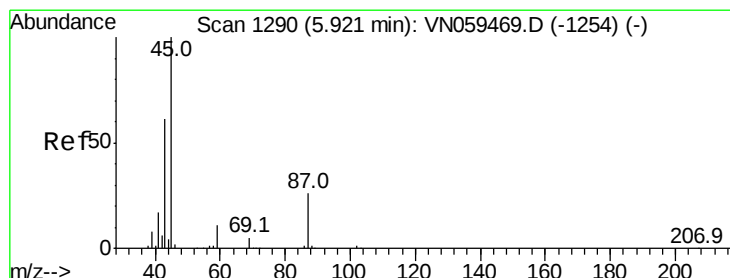
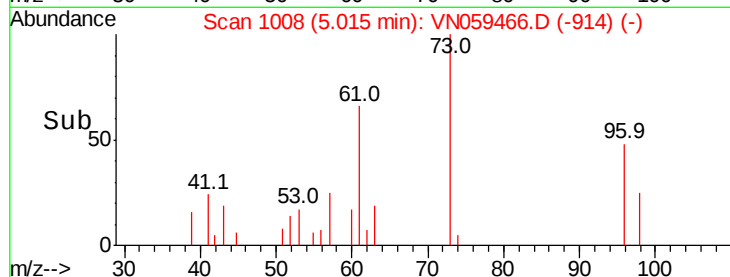
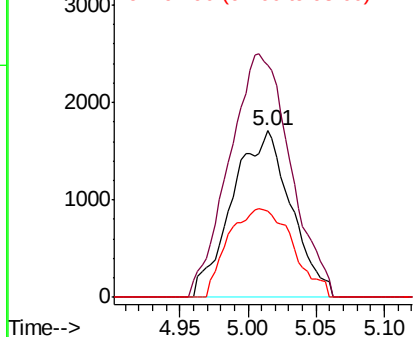
#21  
trans-1,2-Dichloroethene  
Concen: 1.278 ug/l  
RT: 5.01 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 5143  
Ion Ratio Lower Upper  
96 100  
61 139.3 118.9 178.3  
98 51.9 51.6 77.4

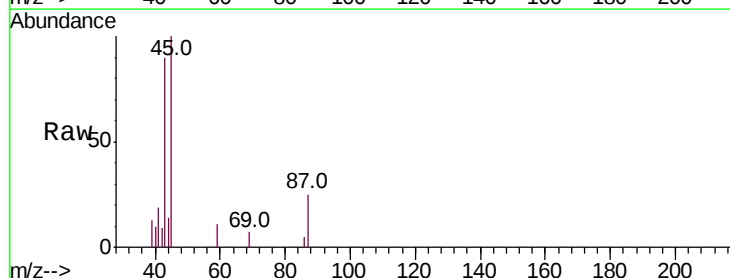


Abundance Ion 95.90 (95.60 to 96.60): VNO  
Ion 60.90 (60.60 to 61.60): VNO  
Ion 97.90 (97.60 to 98.60): VNO

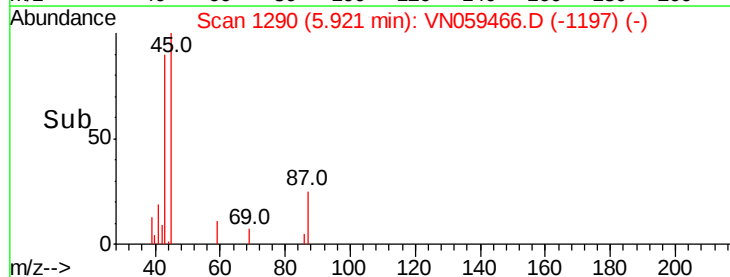
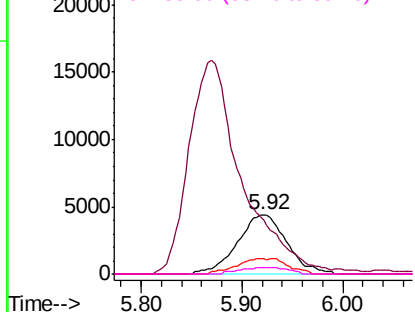


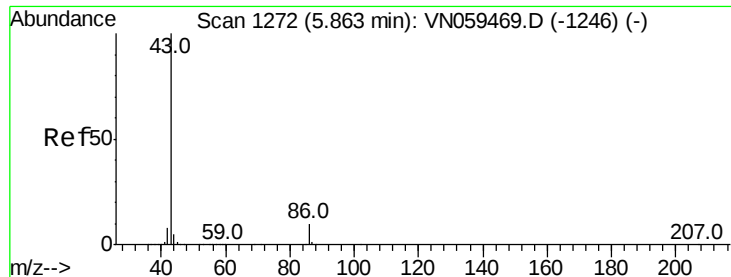
#22  
Diisopropyl ether  
Concen: 1.164 ug/l  
RT: 5.92 min Scan# 1290  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion: 45 Resp: 14968  
Ion Ratio Lower Upper  
45 100  
43 81.9 49.1 73.7#  
87 25.1 21.6 32.4  
59 11.1 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VNO  
Ion 43.00 (42.70 to 43.70): VNO  
Ion 87.00 (86.70 to 87.70): VNO  
Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 5.543 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

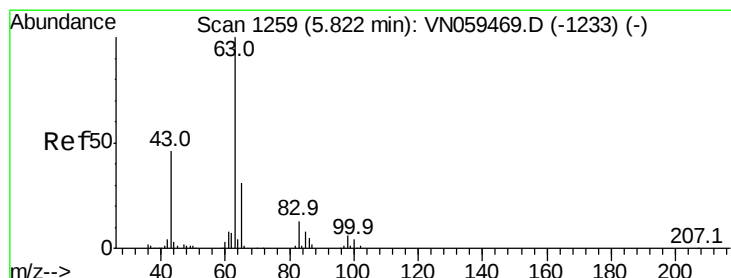
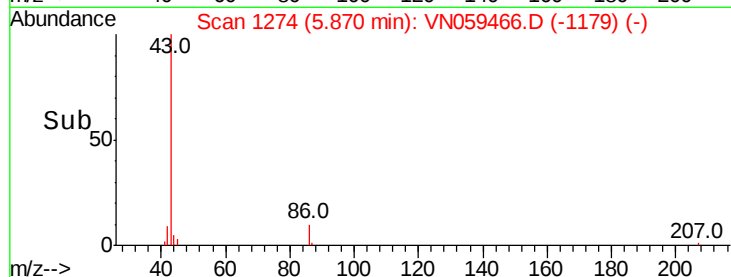
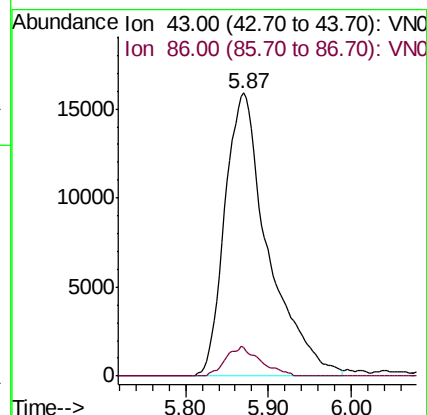
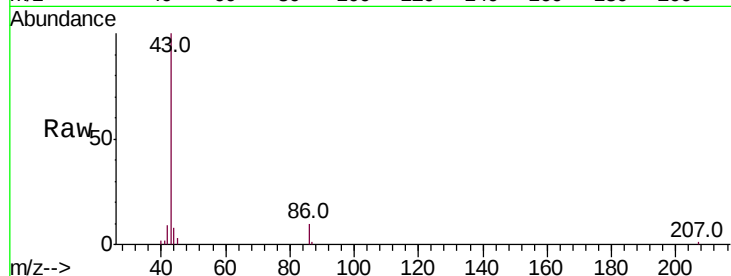
ClientSampled :

Tot Ion: 43 Resp: 57810

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0



#24

1,1-Dichloroethane

Concen: 1.218 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

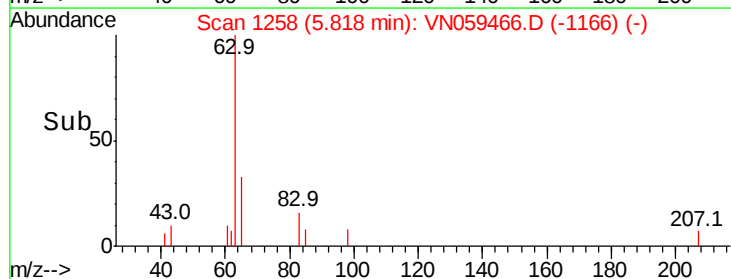
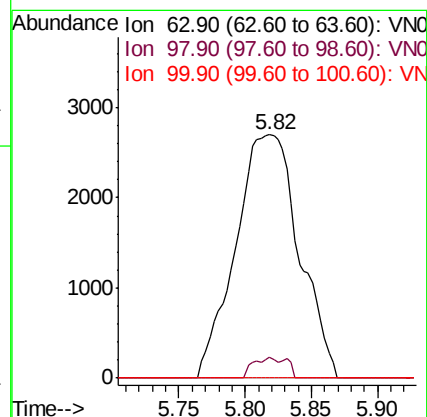
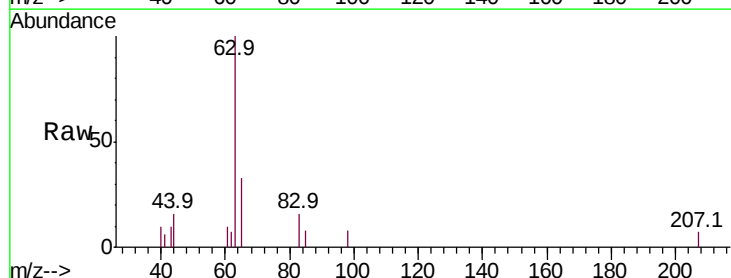
Tgt Ion: 63 Resp: 8996

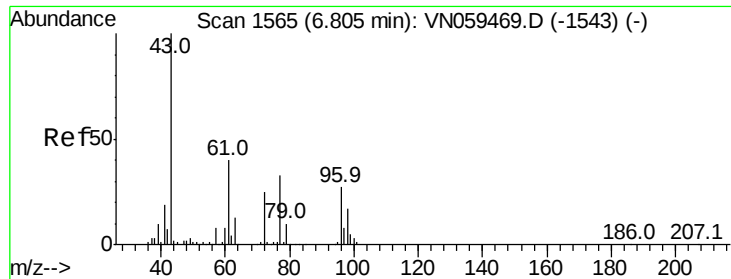
Ion Ratio Lower Upper

63 100

98 8.4 3.2 9.6

100 0.0 2.0 6.0#

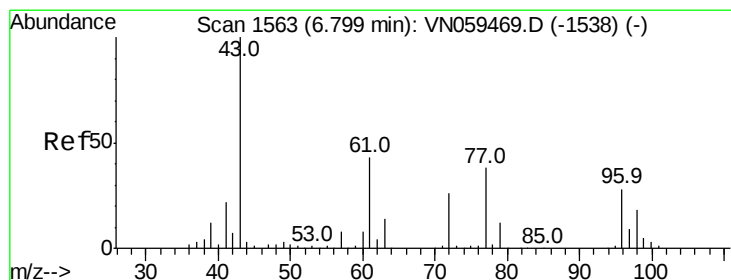
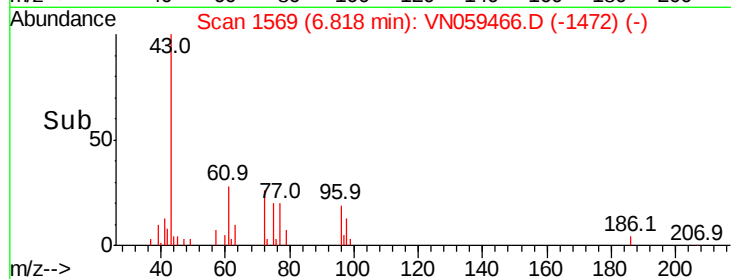
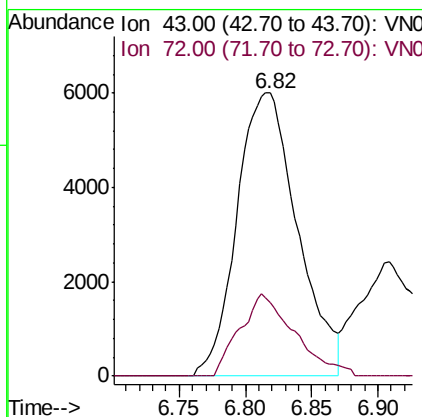
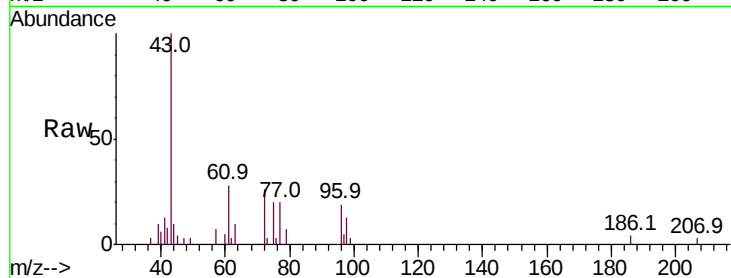




#25  
 2-Butanone  
 Concen: 6.531 ug/l  
 RT: 6.82 min Scan# 1569  
 Delta R.T. 0.01 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

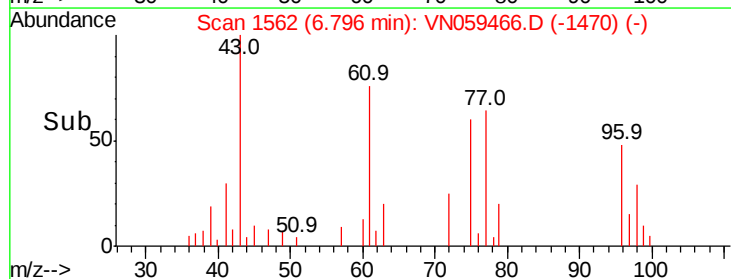
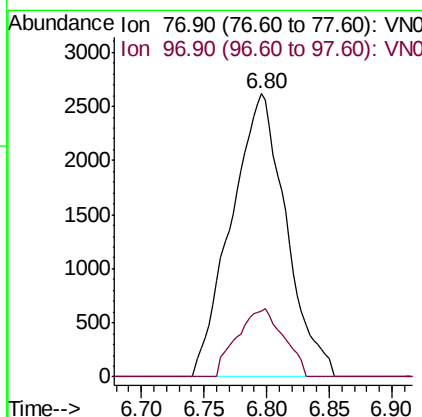
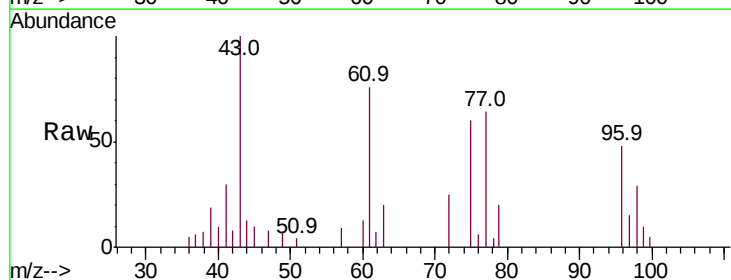
Instrument :  
 MSVOA\_N  
 ClientSampleId :

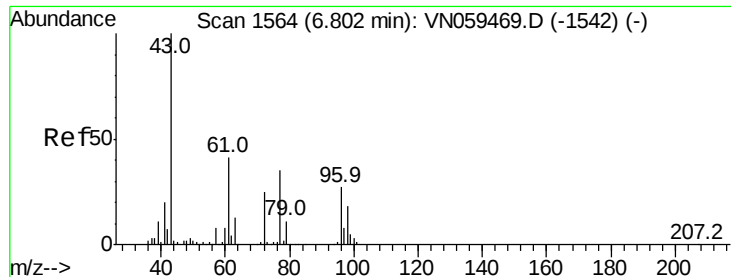
Tot Ion: 43 Resp: 19108  
 Ion Ratio Lower Upper  
 43 100  
 72 25.8 20.2 30.2



#26  
 2,2-Dichloropropane  
 Concen: 1.266 ug/l  
 RT: 6.80 min Scan# 1562  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

Tgt Ion: 77 Resp: 7964  
 Ion Ratio Lower Upper  
 77 100  
 97 20.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.267 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

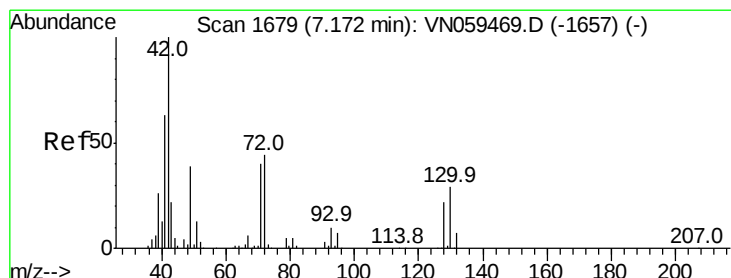
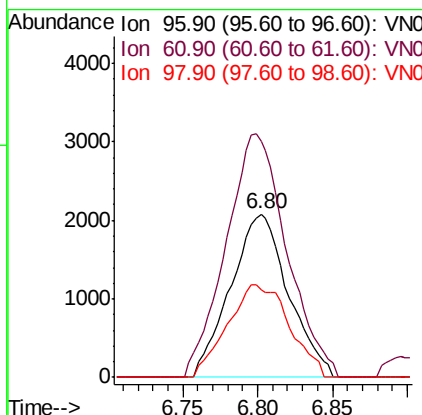
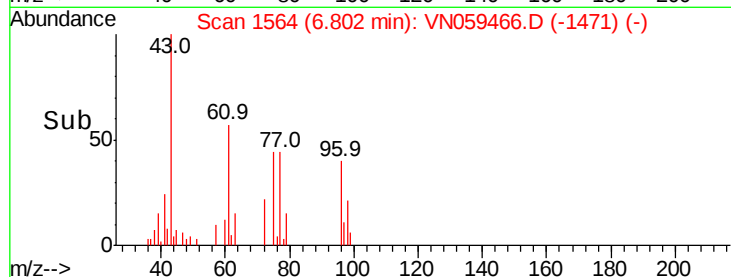
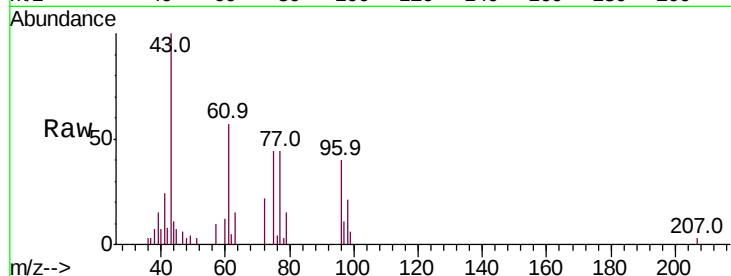
Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 5594

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 156.6 | 0.0   | 307.4 |
| 98  | 60.5  | 0.0   | 129.2 |



#28

Bromochloromethane

Concen: 0.694 ug/l

RT: 7.17 min Scan# 1678

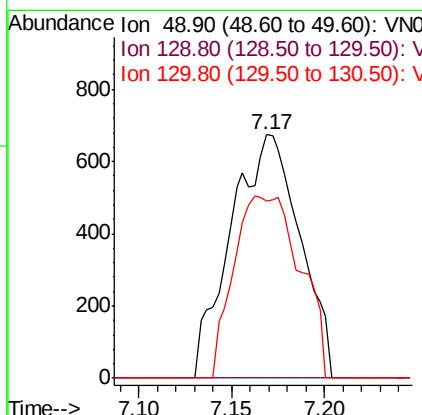
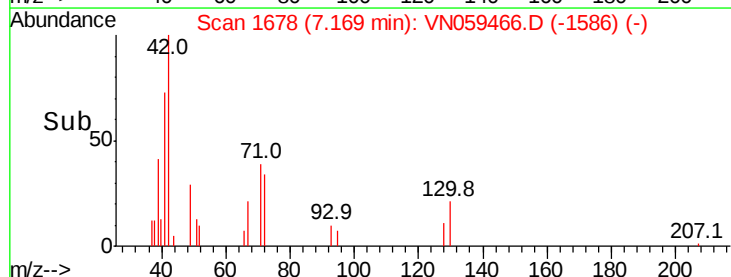
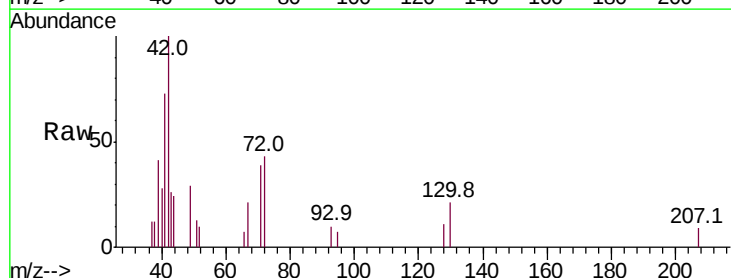
Delta R.T. -0.00 min

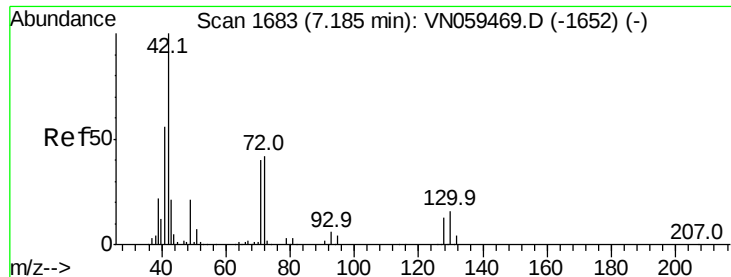
Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Tgt Ion: 49 Resp: 1746

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 3.2   |
| 130 | 71.8  | 58.4  | 87.6  |

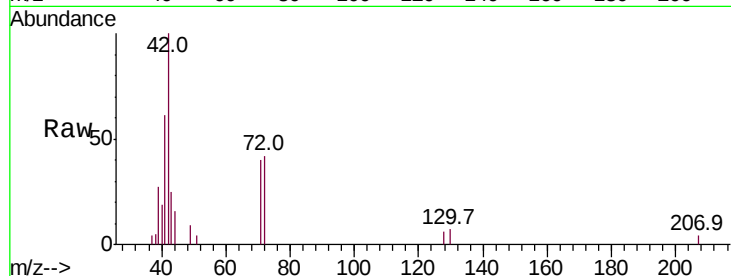




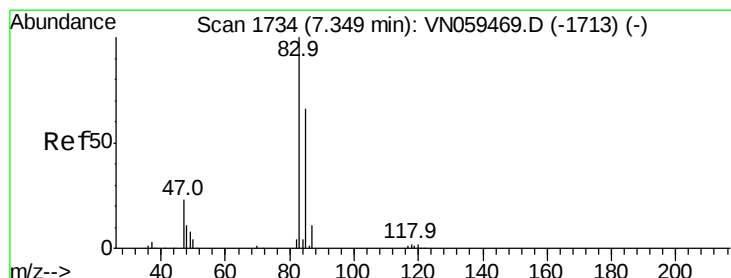
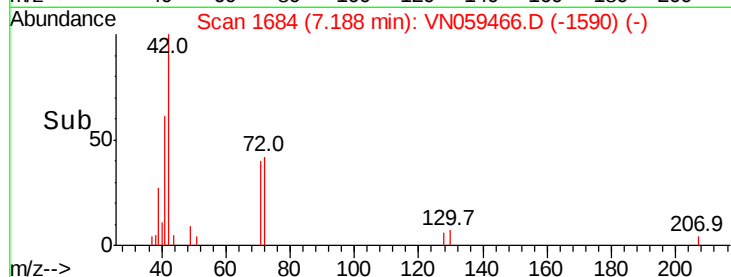
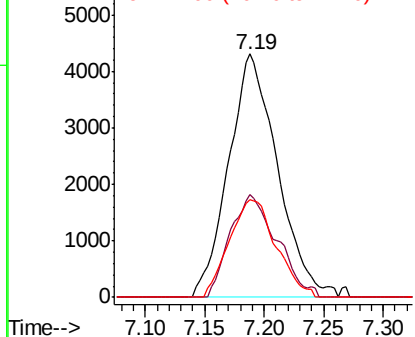
#29  
Tetrahydrofuran  
Concen: 6.318 ug/l  
RT: 7.19 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 42 Resp: 12293  
Ion Ratio Lower Upper  
42 100  
72 40.3 34.2 51.2  
71 38.3 32.0 48.0

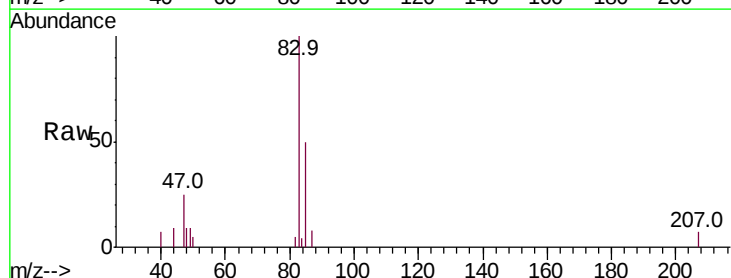


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

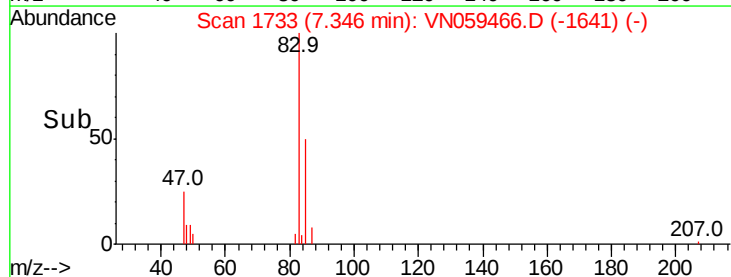
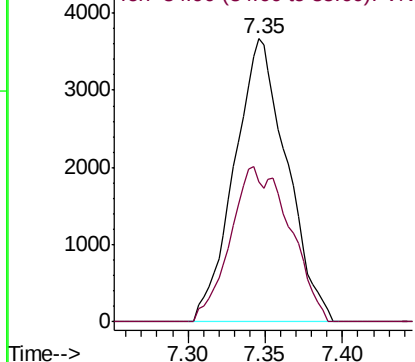


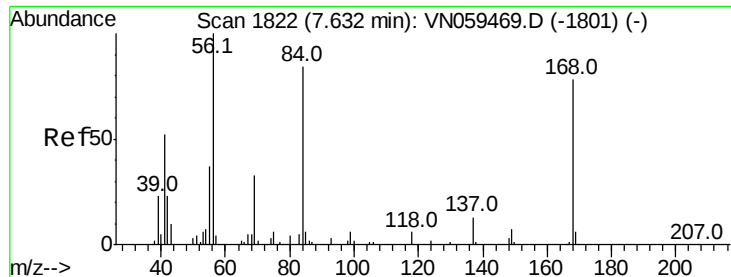
#30  
Chloroform  
Concen: 1.164 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion: 83 Resp: 8634  
Ion Ratio Lower Upper  
83 100  
85 49.6 52.4 78.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 1.987 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampleId :

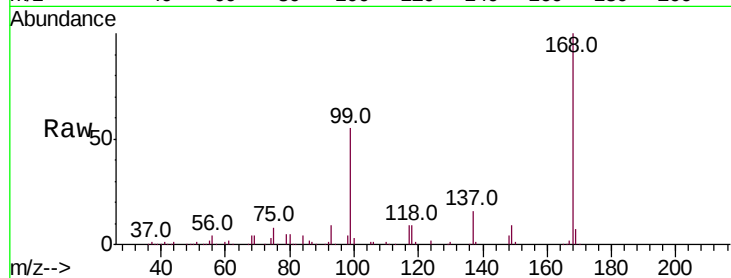
Tot Ion: 56 Resp: 14701

Ion Ratio Lower Upper

56 100

69 111.7 26.2 39.4#

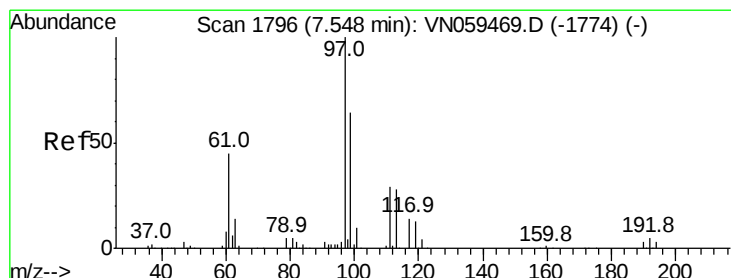
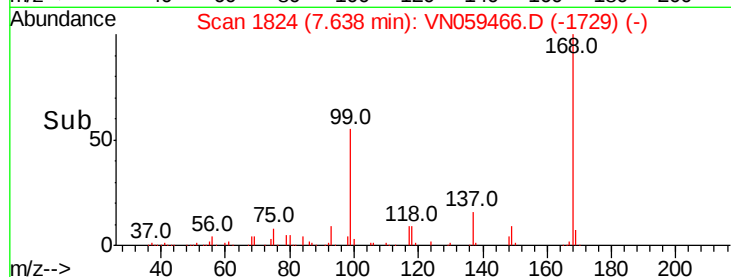
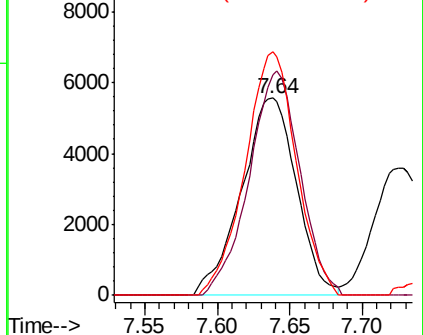
84 123.3 66.8 100.2#



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



#32

1,1,1-Trichloroethane

Concen: 1.211 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

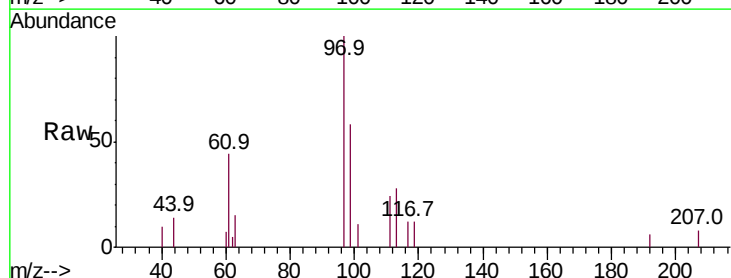
Tgt Ion: 97 Resp: 7355

Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5#

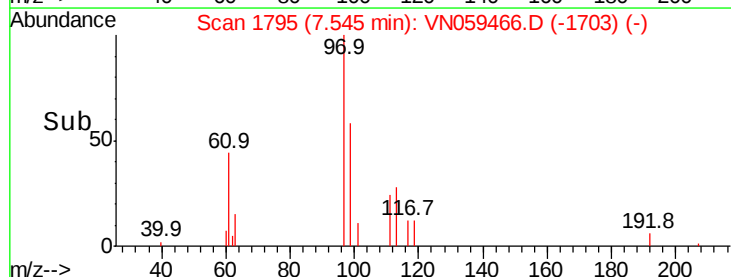
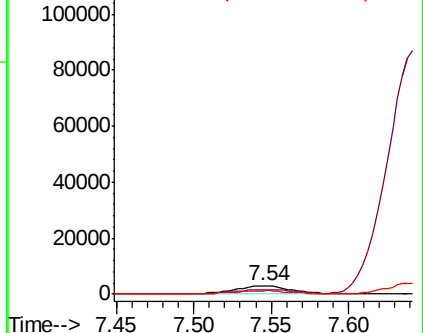
61 42.8 35.4 53.0

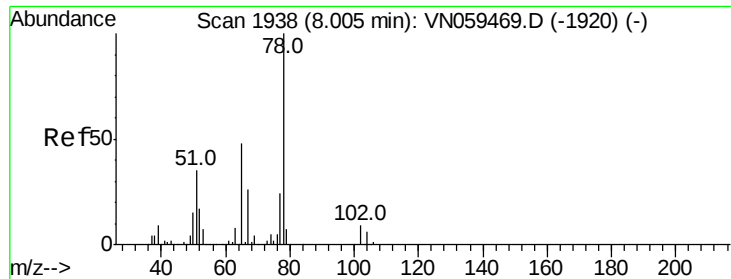


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

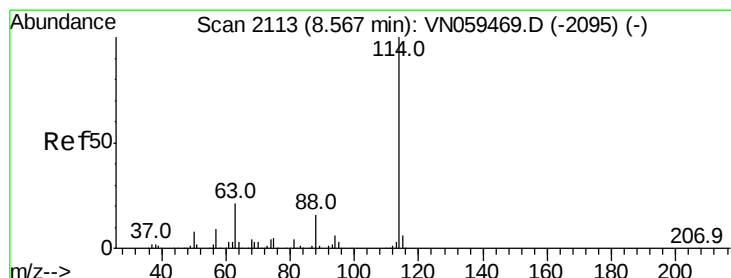
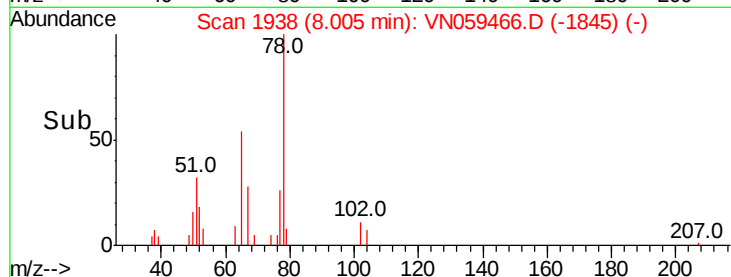
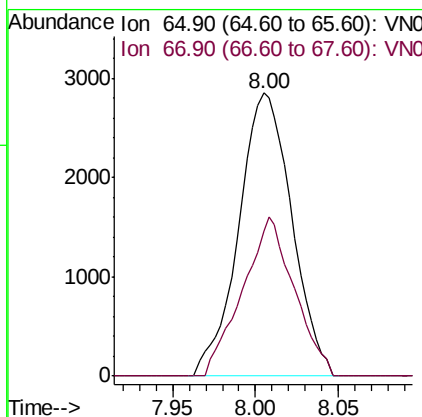
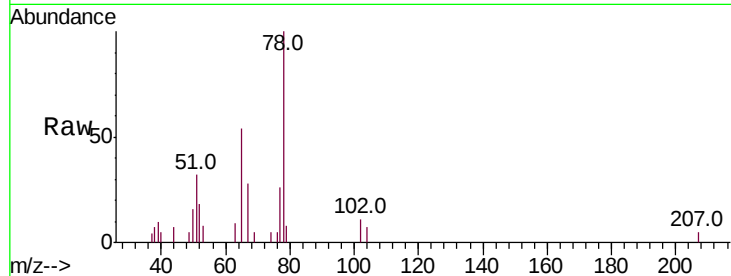




#33  
 1,2-Dichloroethane-d4  
 Concen: 1.449 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

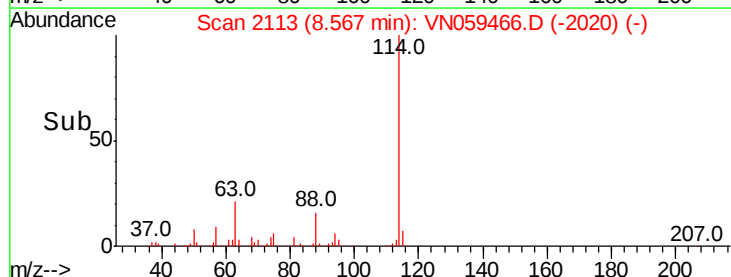
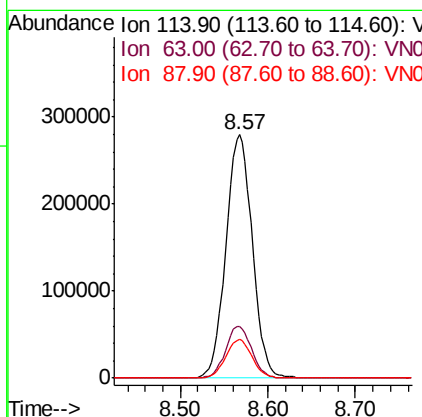
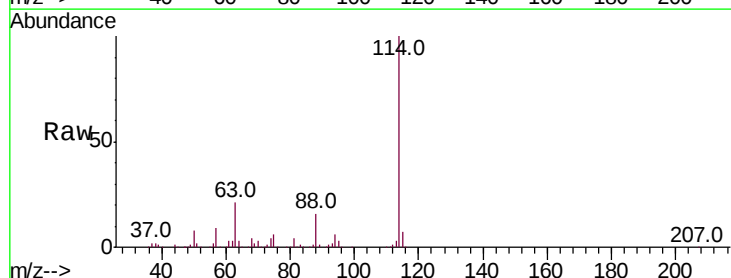
Instrument :  
 MSVOA\_N  
 ClientSampleId :

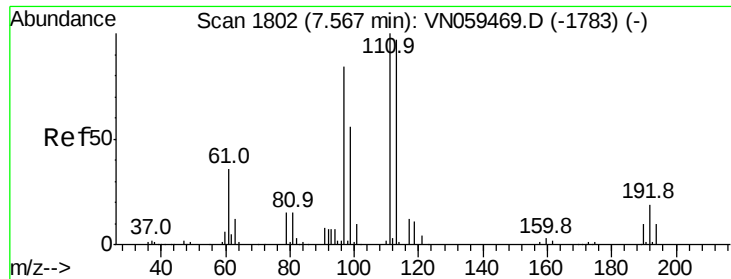
Tot Ion: 65 Resp: 6374  
 Ion Ratio Lower Upper  
 65 100  
 67 54.5 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

Tgt Ion: 114 Resp: 585643  
 Ion Ratio Lower Upper  
 114 100  
 63 21.2 0.0 42.4  
 88 15.8 0.0 32.8

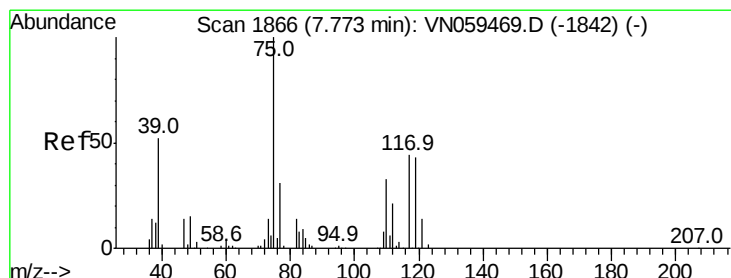
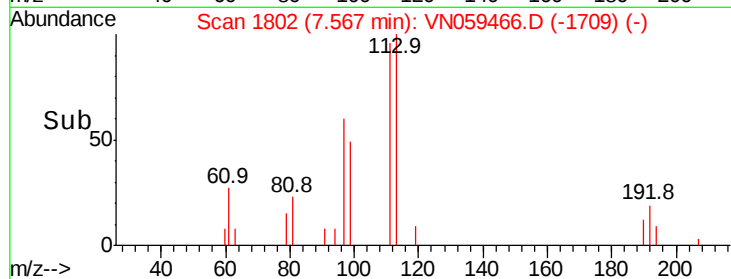
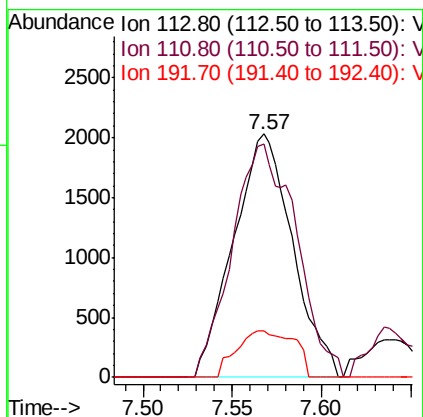
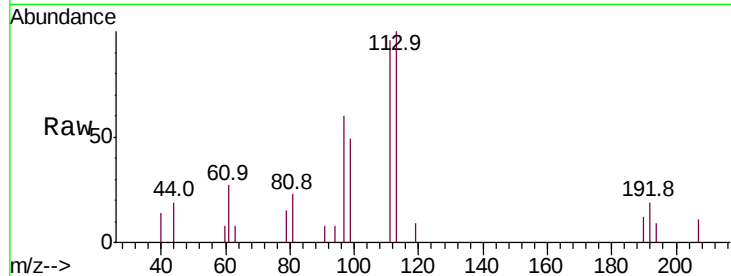




#35  
 Dibromofluoromethane  
 Concen: 1.308 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

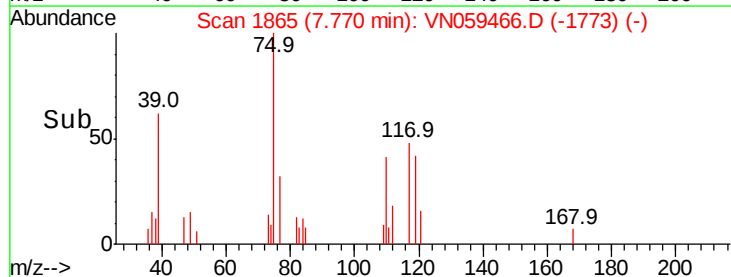
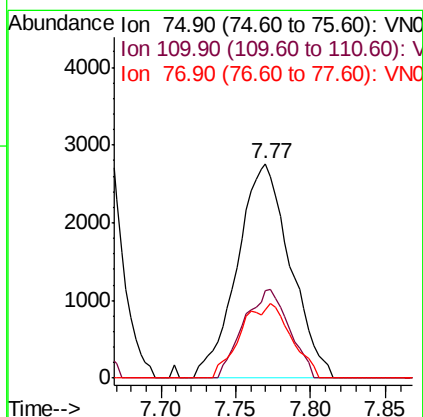
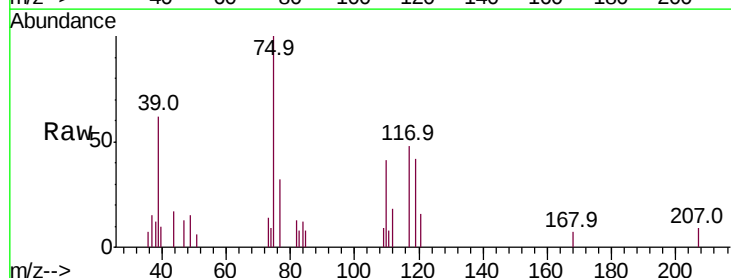
Instrument :  
 MSVOA\_N  
 ClientSampled :

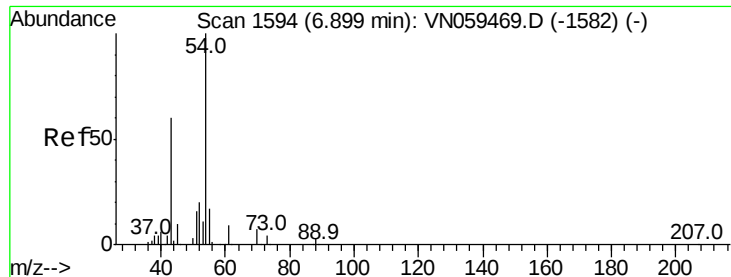
Tot Ion:113 Resp: 4688  
 Ion Ratio Lower Upper  
 113 100  
 111 103.9 82.5 123.7  
 192 18.6 16.1 24.1



#36  
 1,1-Dichloropropene  
 Concen: 1.194 ug/l  
 RT: 7.77 min Scan# 1865  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

Tgt Ion: 75 Resp: 6802  
 Ion Ratio Lower Upper  
 75 100  
 110 35.6 16.9 50.7  
 77 33.0 25.1 37.7

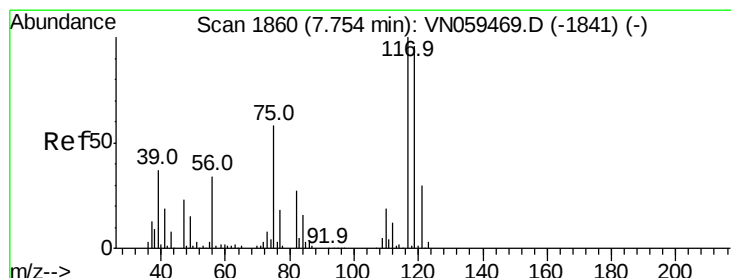
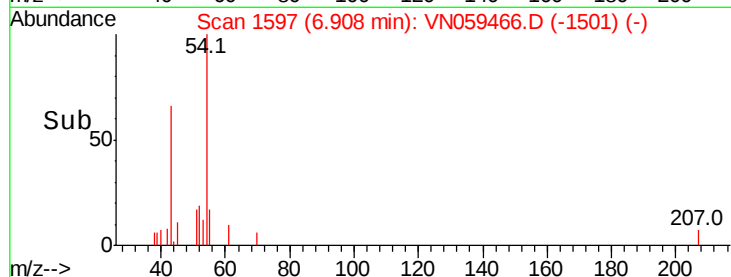
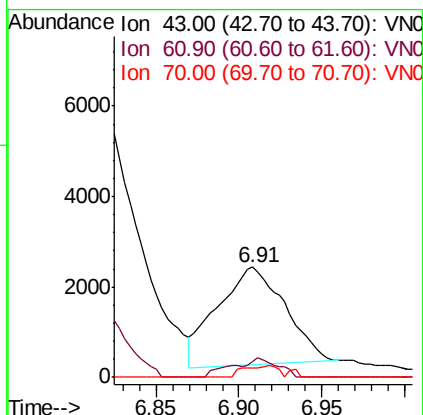
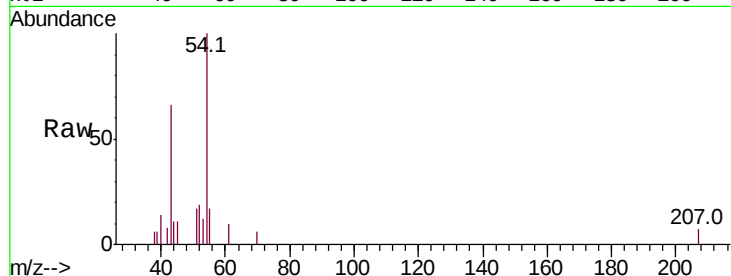




#37  
Ethyl Acetate  
Concen: 1.009 ug/l  
RT: 6.91 min Scan# 1597  
Delta R.T. 0.01 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

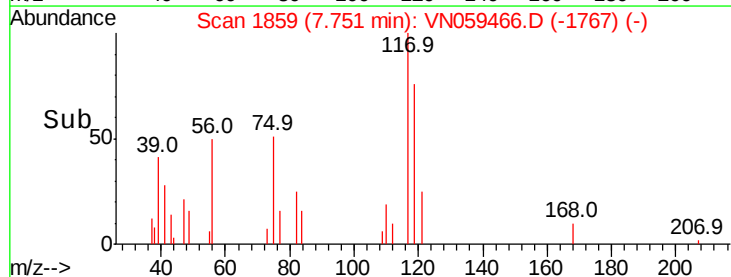
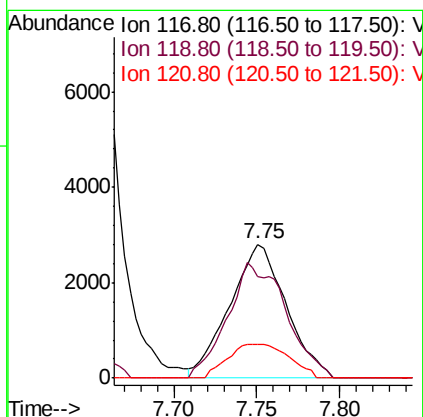
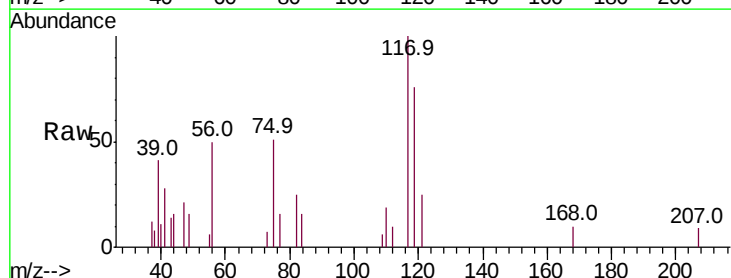
Instrument :  
MSVOA\_N  
ClientSampled :

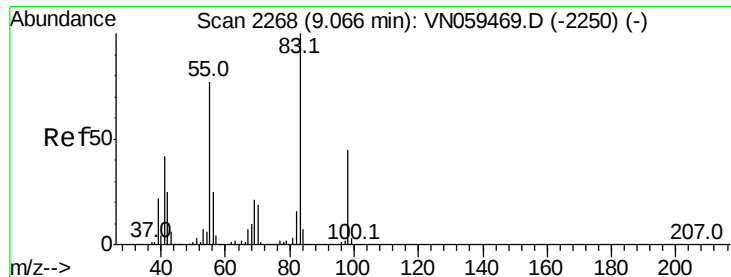
Tot Ion: 43 Resp: 6199  
Ion Ratio Lower Upper  
43 100  
61 8.3 11.3 16.9#  
70 6.0 8.3 12.5#



#38  
Carbon Tetrachloride  
Concen: 1.229 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion: 117 Resp: 6640  
Ion Ratio Lower Upper  
117 100  
119 76.0 76.6 114.8#  
121 25.0 24.0 36.0

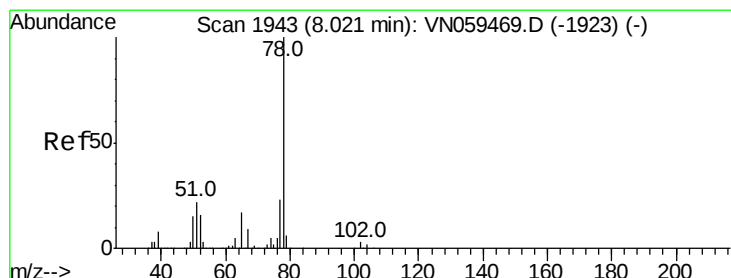
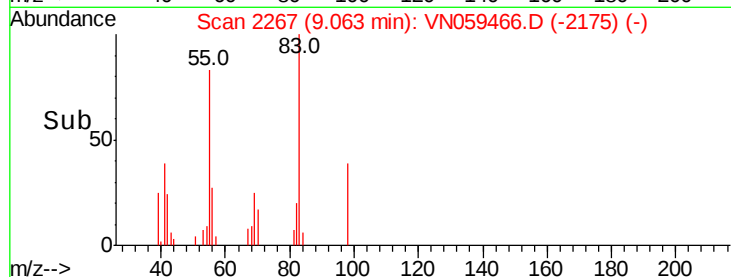
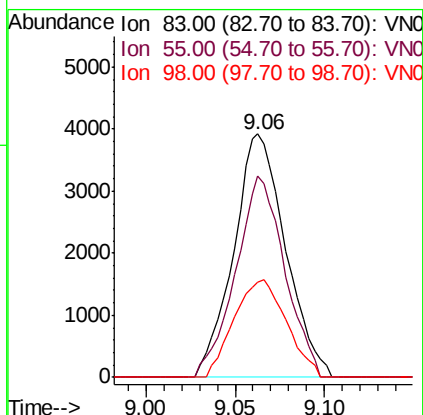
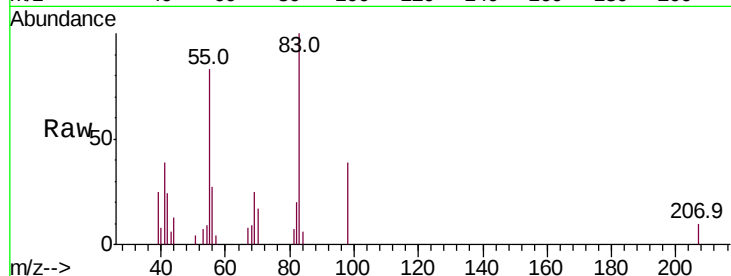




#39  
Methvlcvclohexane  
Concen: 1.164 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

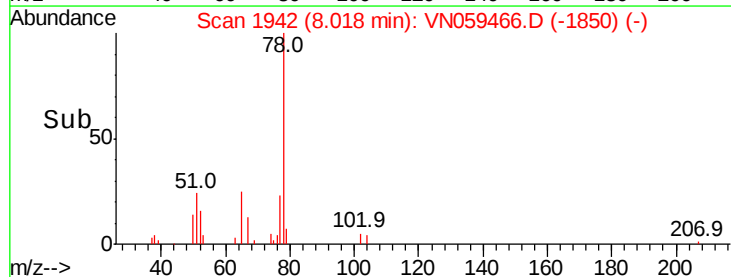
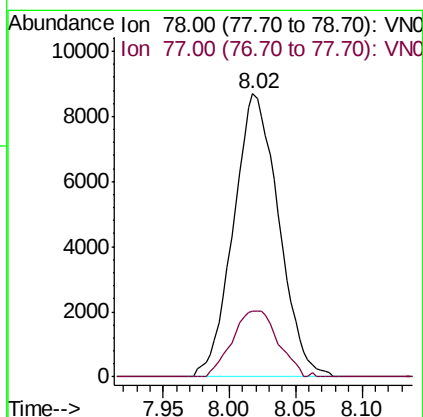
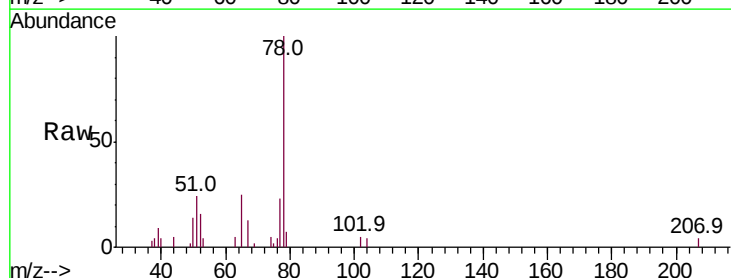
Instrument :  
MSVOA\_N  
ClientSampleId :

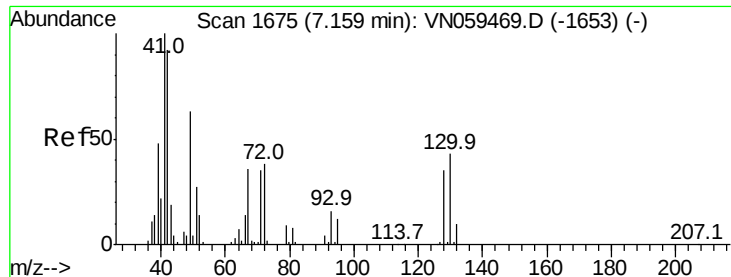
Tot Ion: 83 Resp: 7937  
Ion Ratio Lower Upper  
83 100  
55 82.6 61.8 92.6  
98 39.3 36.2 54.2



#40  
Benzene  
Concen: 1.216 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion: 78 Resp: 20593  
Ion Ratio Lower Upper  
78 100  
77 23.1 18.2 27.2

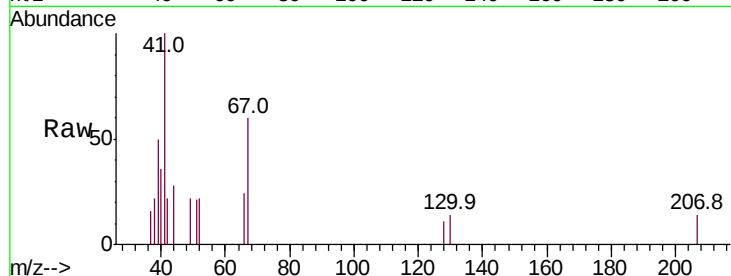




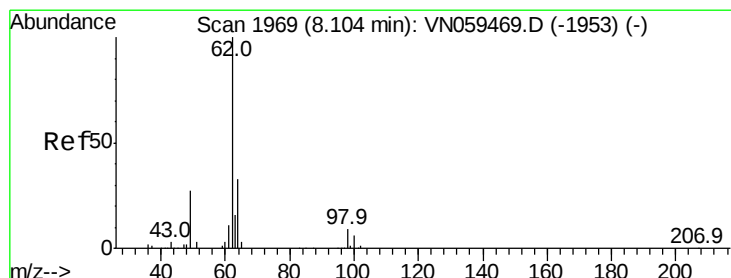
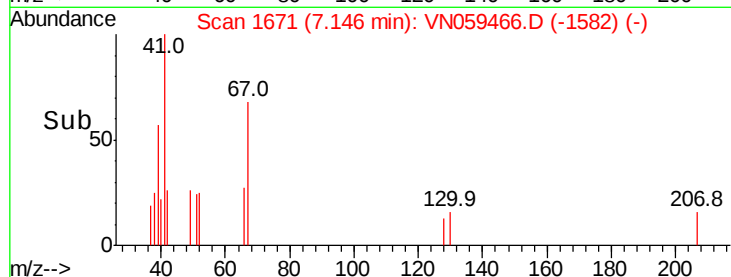
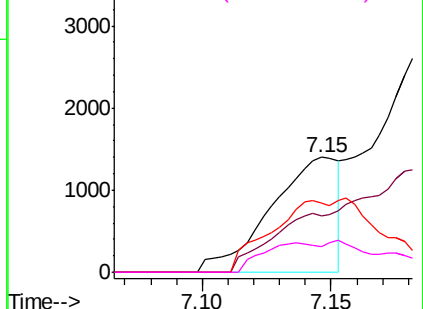
#41  
Methacrylonitrile  
Concen: 0.896 ug/l  
RT: 7.15 min Scan# 1671  
Delta R.T. -0.01 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 2554  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 54.9  | 0.0   | 0.0#  |
| 52       | 21.8  | 0.0   | 0.0#  |

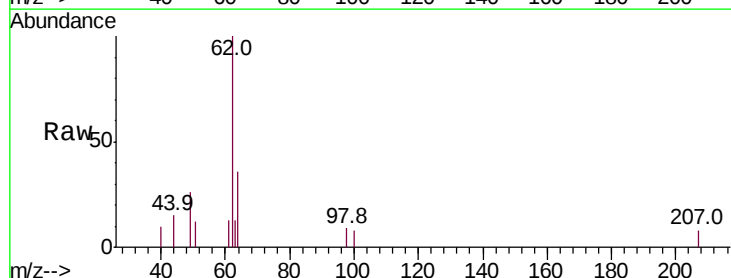


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

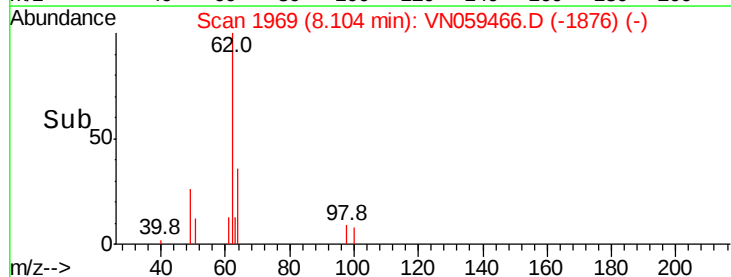
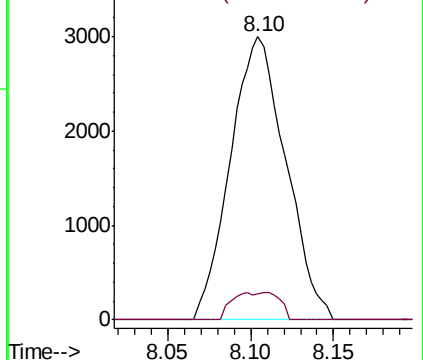


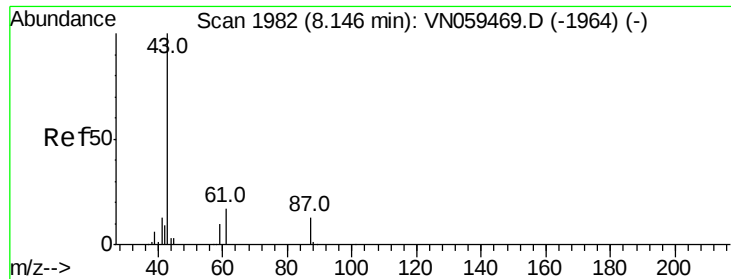
#42  
1,2-Dichloroethane  
Concen: 1.287 ug/l  
RT: 8.10 min Scan# 1969  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 6961  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 4.0   | 0.0   | 17.8  |



Abundance Ion 61.90 (61.60 to 62.60): VNC  
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 1.117 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :

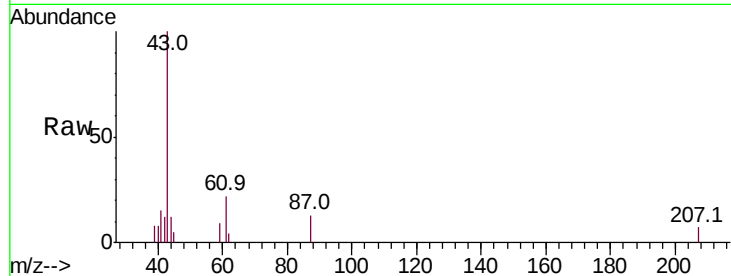
Tot Ion: 43 Resp: 10374

Ion Ratio Lower Upper

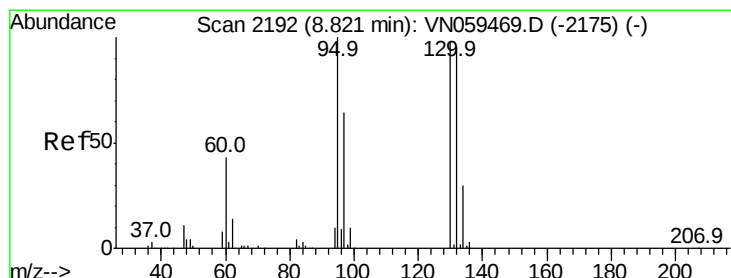
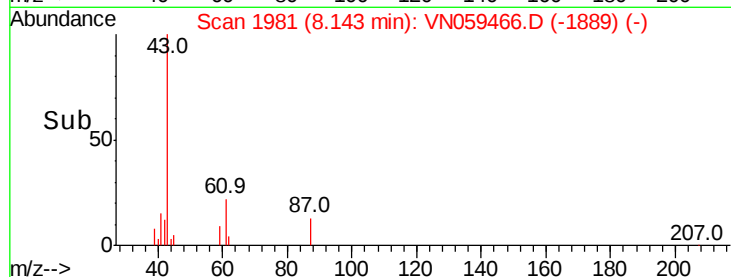
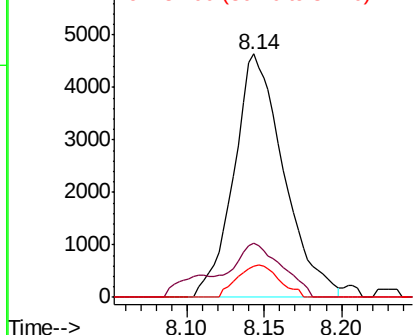
43 100

61 20.3 21.0 31.6#

87 11.1 10.4 15.6



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



#44

Trichloroethene

Concen: 1.289 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN059466.D

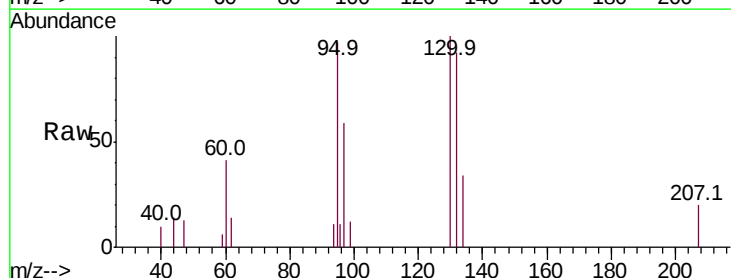
Acq: 3 Dec 2019 13:19

Tgt Ion:130 Resp: 5557

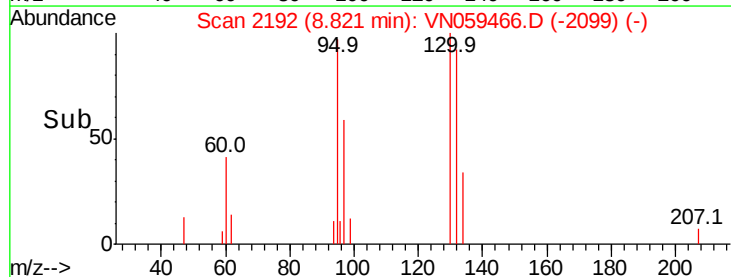
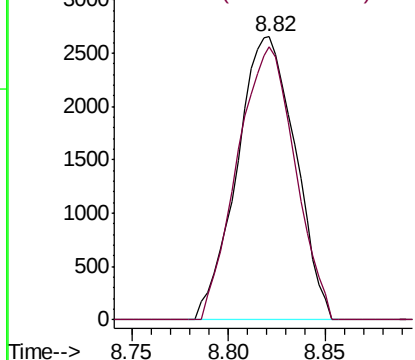
Ion Ratio Lower Upper

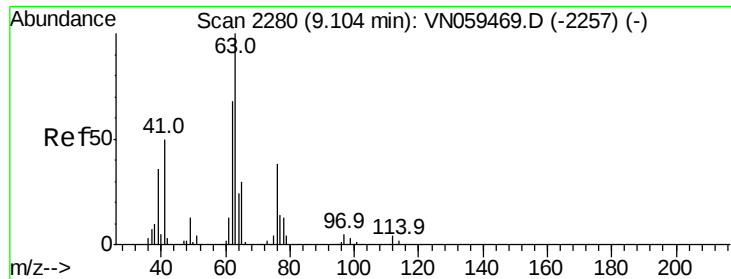
130 100

95 96.5 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 1.212 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

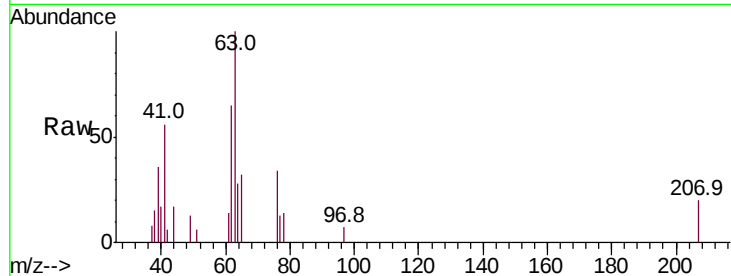
ClientSampled :

Tot Ion: 63 Resp: 5372

Ion Ratio Lower Upper

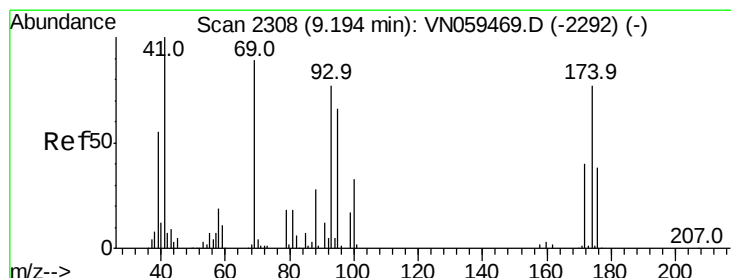
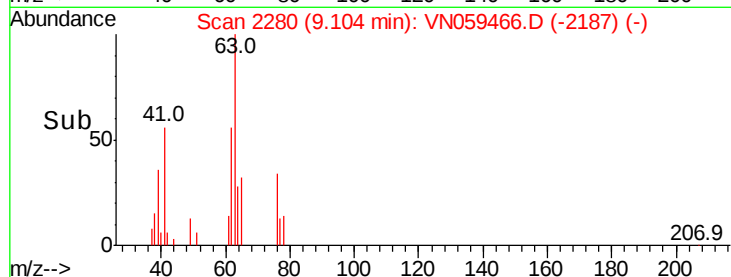
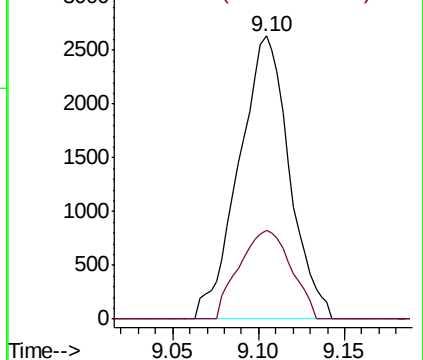
63 100

65 31.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 1.172 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.01 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

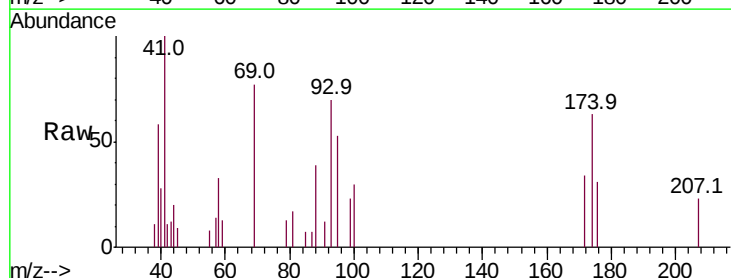
Tgt Ion: 93 Resp: 3210

Ion Ratio Lower Upper

93 100

95 84.5 67.0 100.6

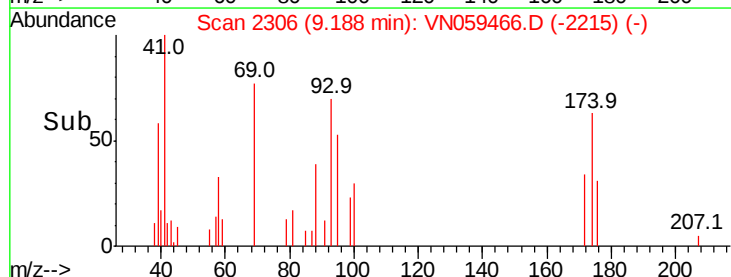
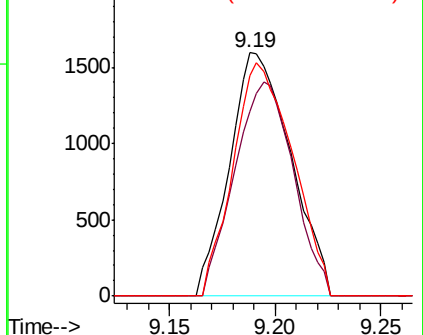
174 93.7 79.6 119.4

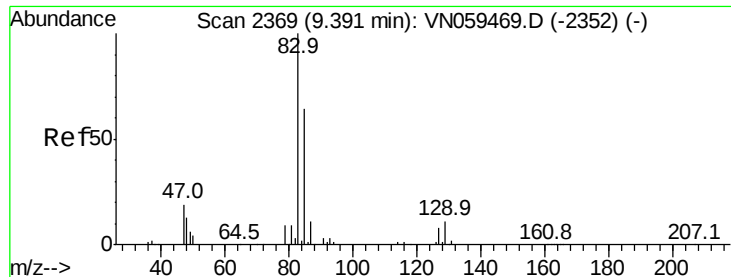


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.130 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampleId :

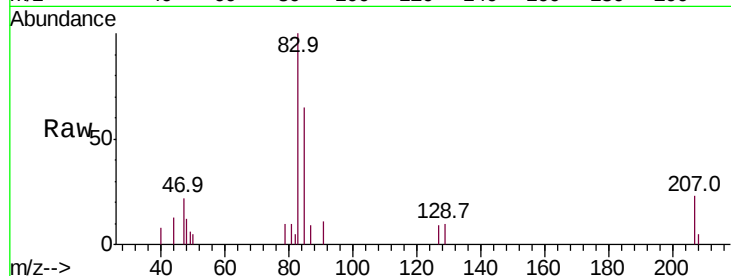
Tot Ion: 83 Resp: 6259

Ion Ratio Lower Upper

83 100

85 64.6 51.0 76.6

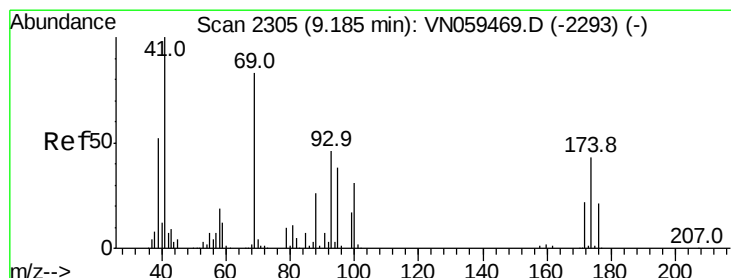
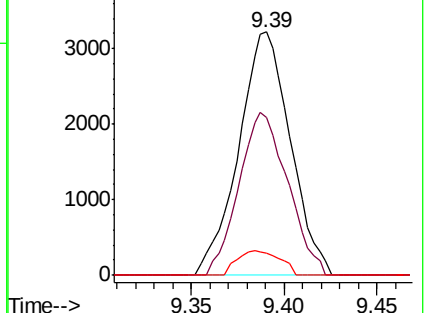
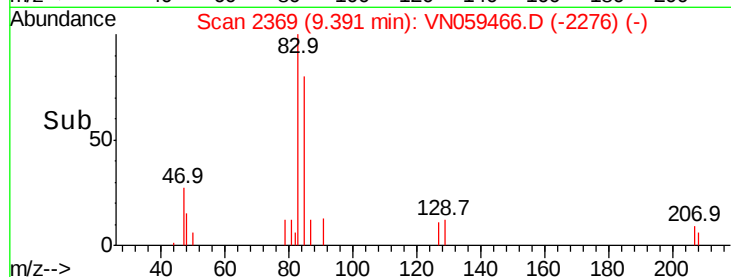
127 9.1 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059466.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN059466.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059466.D (-2276) (-)



#48

Methyl methacrylate

Concen: 1.221 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

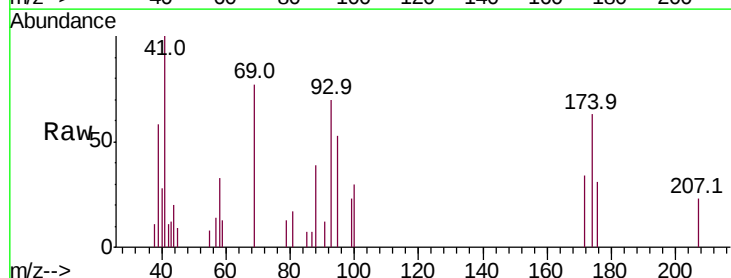
Tgt Ion: 41 Resp: 5042

Ion Ratio Lower Upper

41 100

69 69.7 68.6 103.0

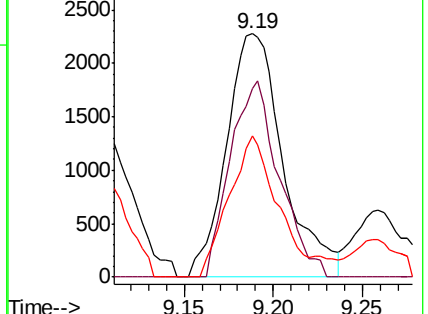
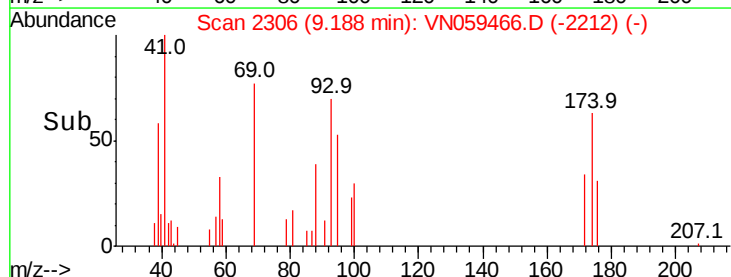
39 52.4 43.2 64.8

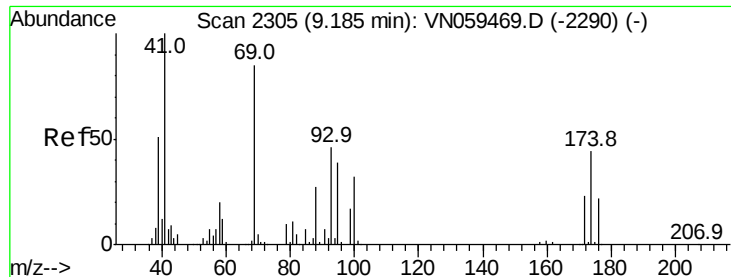


Abundance Ion 41.00 (40.70 to 41.70): VN059466.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059466.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059466.D (-2212) (-)





#49

1,4-Dioxane

Concen: 34.308 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.01 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :

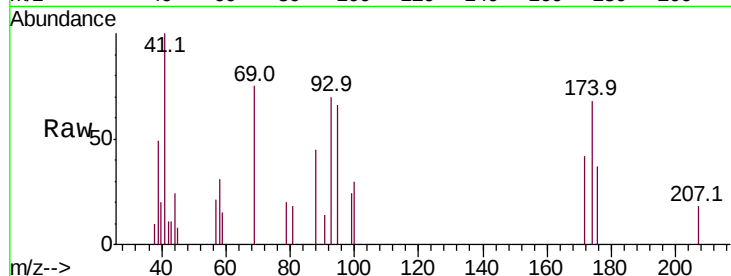
Tot Ion: 88 Resp: 2010

Ion Ratio Lower Upper

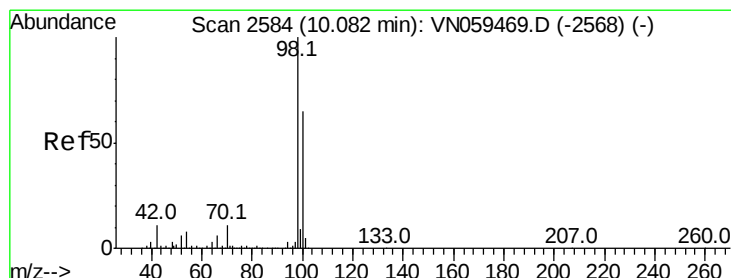
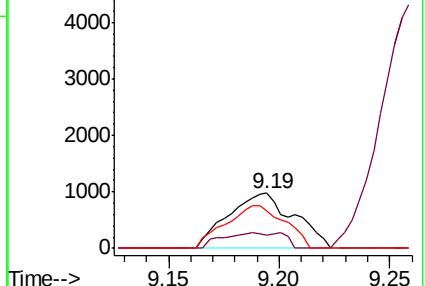
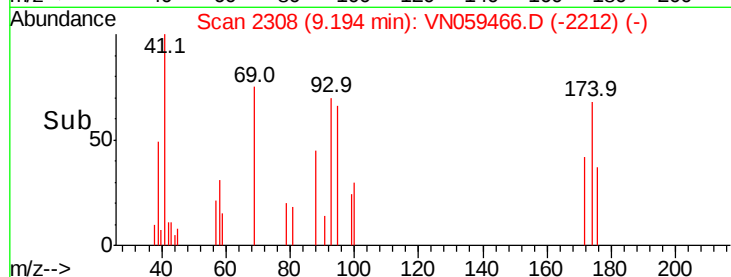
88 100

43 19.3 27.1 40.7#

58 70.4 57.8 86.6



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: 1.304 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059466.D

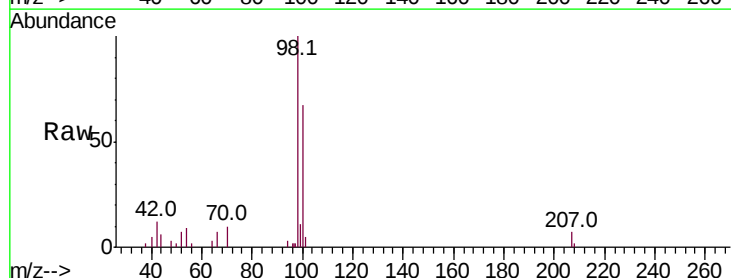
Acq: 3 Dec 2019 13:19

Tgt Ion: 98 Resp: 18656

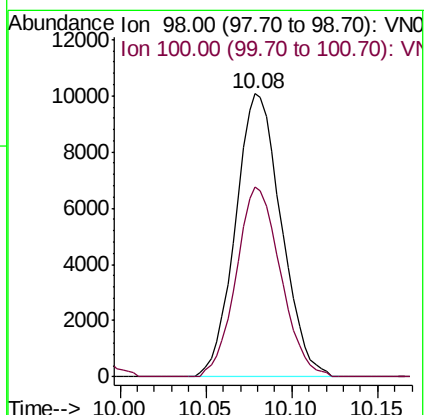
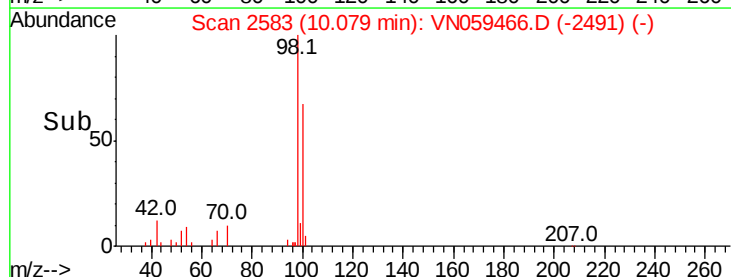
Ion Ratio Lower Upper

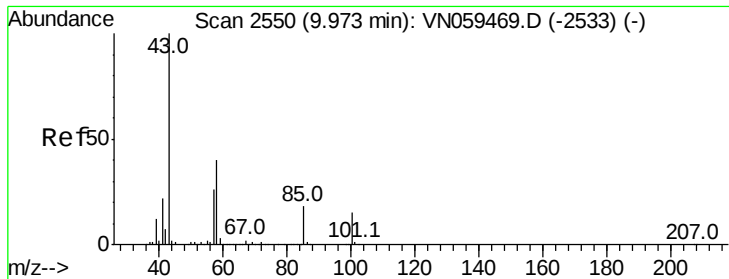
98 100

100 65.1 52.1 78.1



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

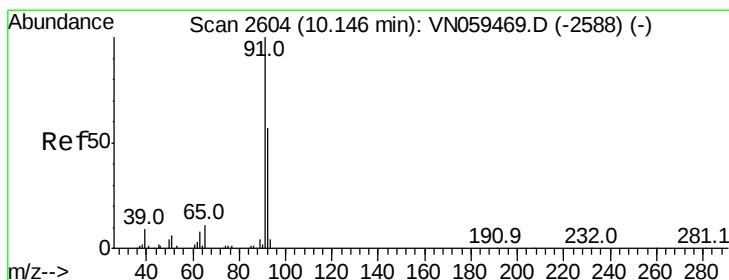
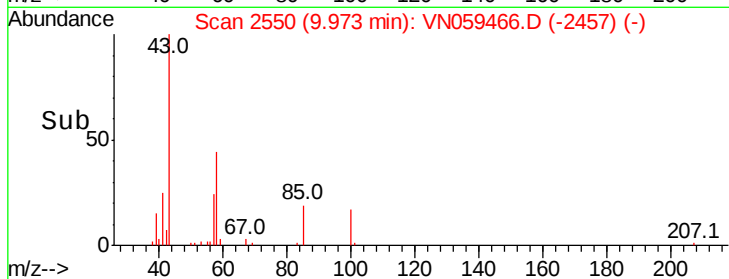
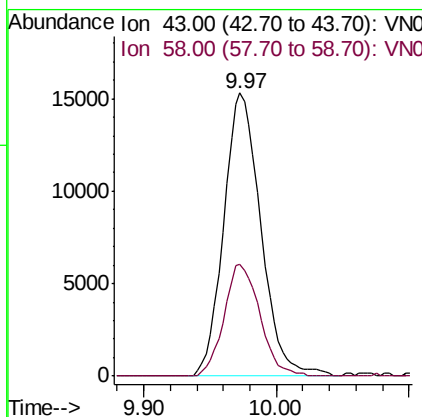
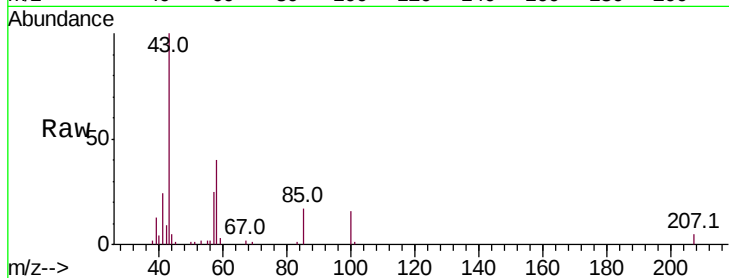




#51  
 4-Methyl-2-Pentanone  
 Concen: 5.479 ug/l  
 RT: 9.97 min Scan# 2550  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

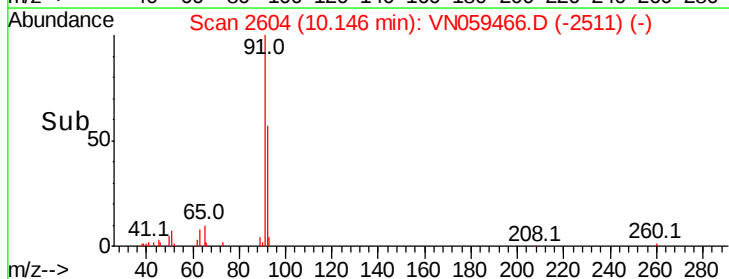
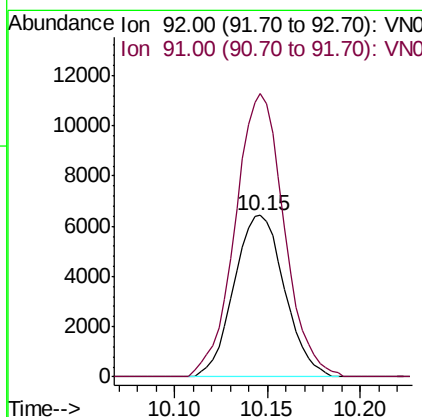
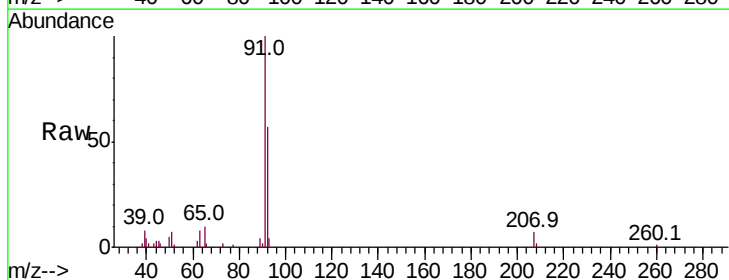
Instrument :  
 MSVOA\_N  
 ClientSampleId :

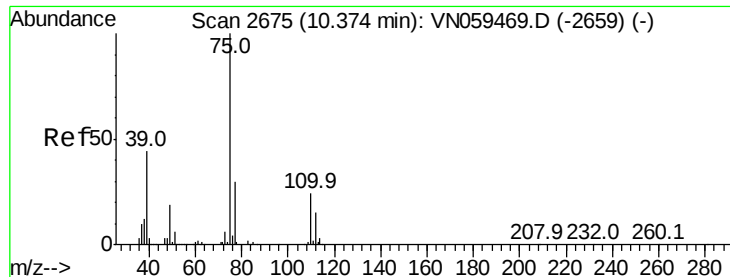
Tot Ion: 43 Resp: 29733  
 Ion Ratio Lower Upper  
 43 100  
 58 38.1 32.1 48.1



#52  
 Toluene  
 Concen: 1.200 ug/l  
 RT: 10.15 min Scan# 2604  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

Tgt Ion: 92 Resp: 12157  
 Ion Ratio Lower Upper  
 92 100  
 91 169.8 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 1.178 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

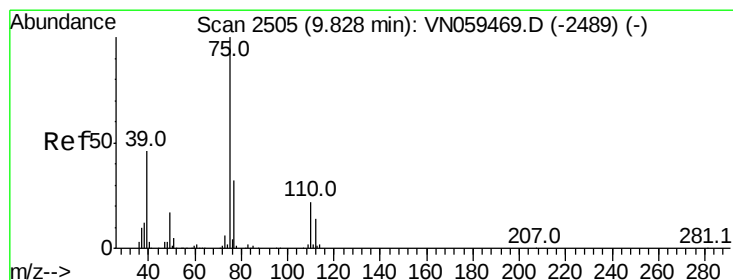
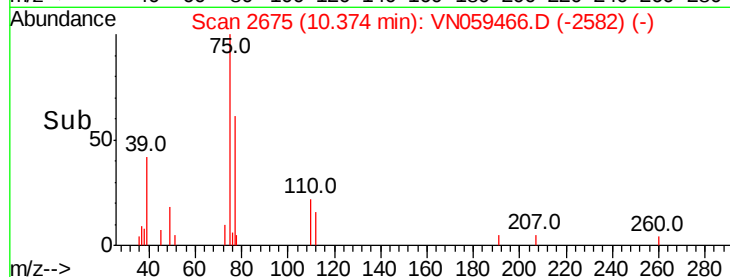
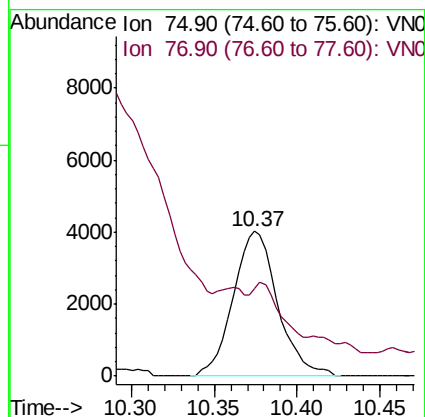
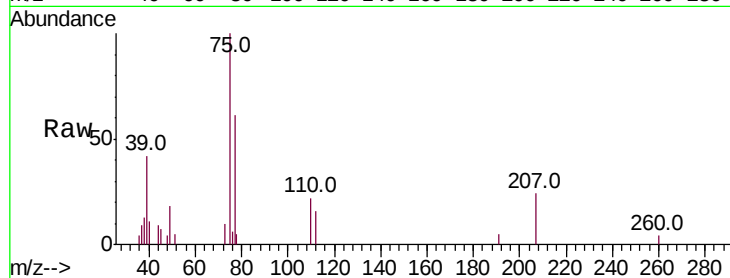
ClientSampled :

Tot Ion: 75 Resp: 7507

Ion Ratio Lower Upper

75 100

77 38.2 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 1.083 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

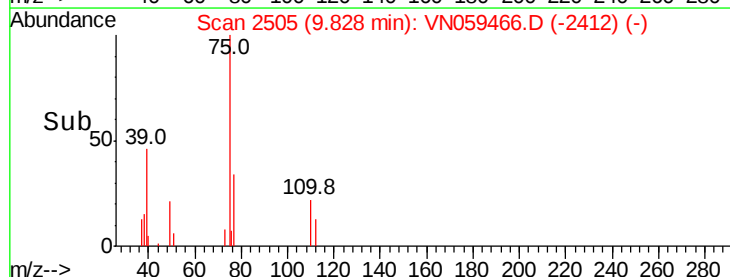
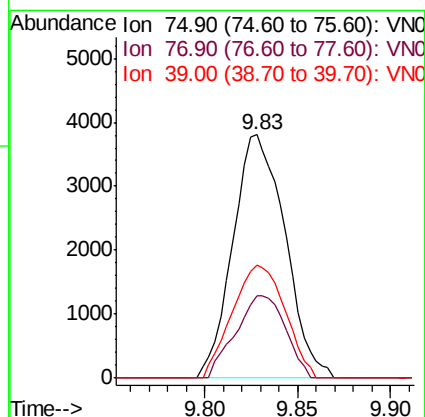
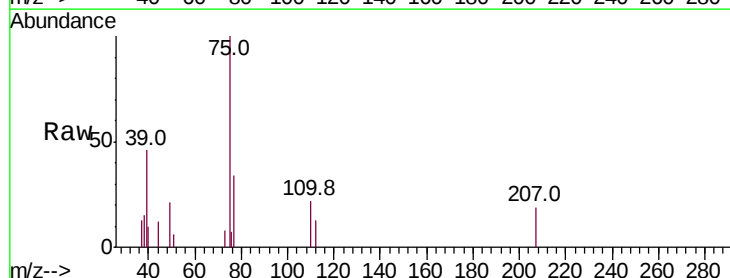
Tgt Ion: 75 Resp: 7426

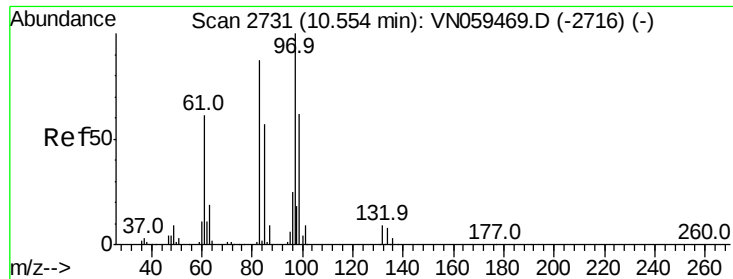
Ion Ratio Lower Upper

75 100

77 33.7 25.7 38.5

39 46.2 36.6 54.8

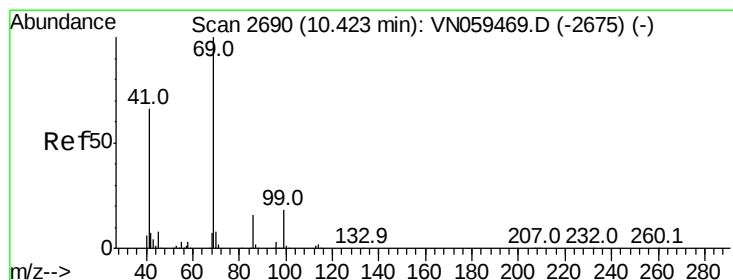
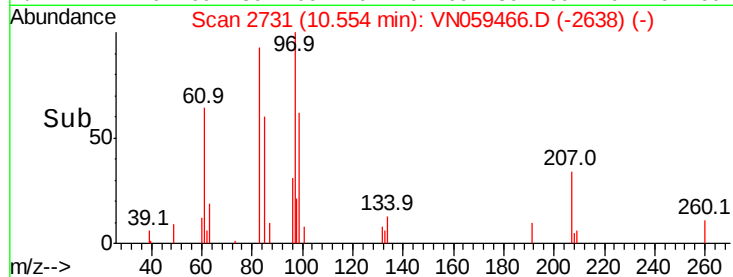
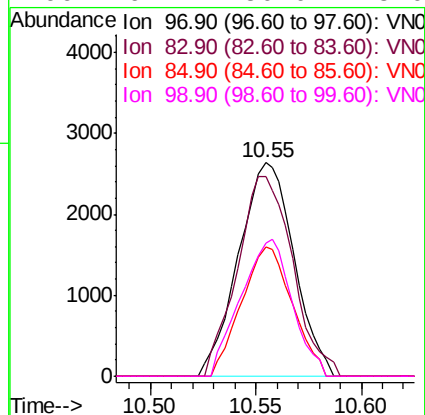
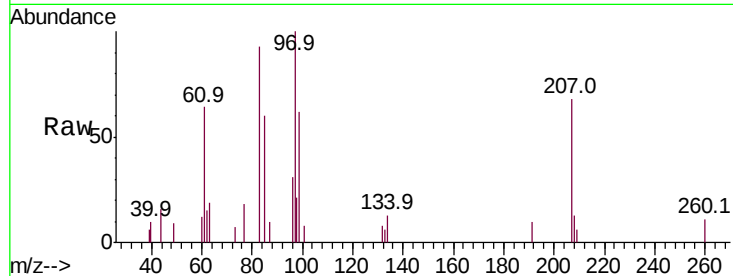




#55  
 1,1,2-Trichloroethane  
 Concen: 1.205 ug/l  
 RT: 10.55 min Scan# 2731  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

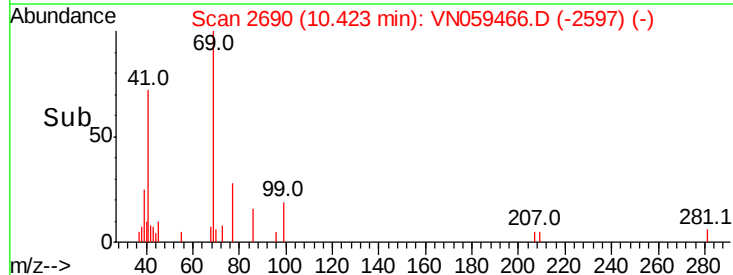
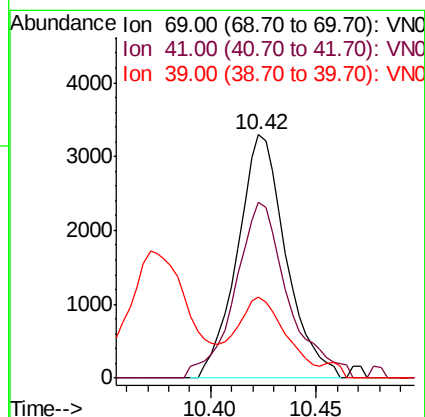
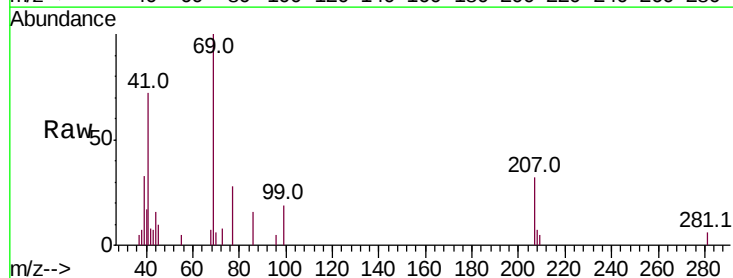
Instrument :  
 MSVOA\_N  
 ClientSampleId :

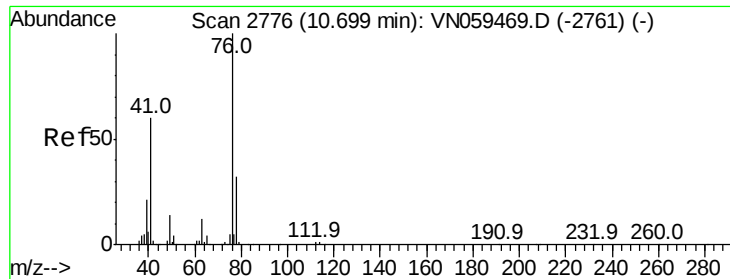
Tot Ion: 97 Resp: 4798  
 Ion Ratio Lower Upper  
 97 100  
 83 93.4 69.8 104.8  
 85 60.3 45.5 68.3  
 99 62.2 50.0 75.0



#56  
 Ethyl methacrylate  
 Concen: 0.906 ug/l  
 RT: 10.42 min Scan# 2690  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

Tgt Ion: 69 Resp: 5266  
 Ion Ratio Lower Upper  
 69 100  
 41 78.9 52.7 79.1  
 39 27.8 25.0 37.6





#57

1,3-Dichloropropane

Concen: 1.150 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

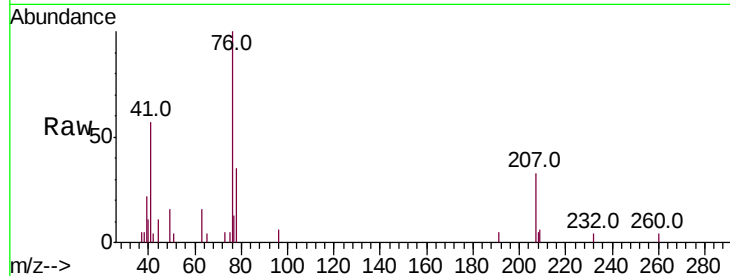
ClientSampleId :

Tot Ion: 76 Resp: 7882

Ion Ratio Lower Upper

76 100

78 33.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

4000

3000

2000

1000

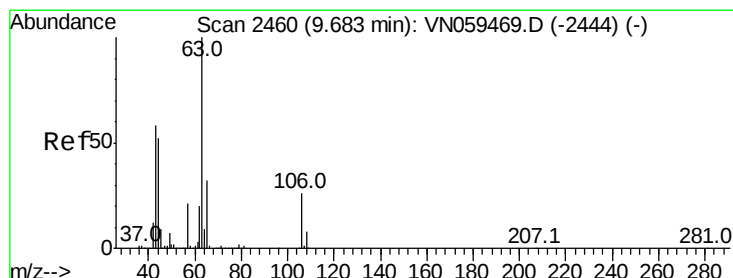
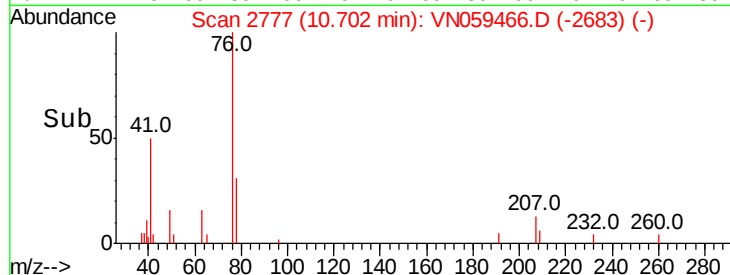
0

Time-->

10.65

10.70

10.75



#58

2-Chloroethyl Vinyl ether

Concen: 3.374 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059466.D

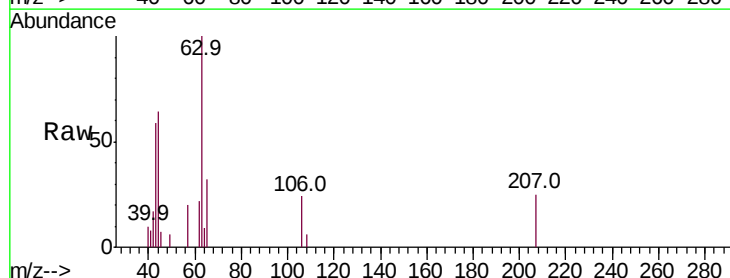
Acq: 3 Dec 2019 13:19

Tgt Ion: 63 Resp: 5655

Ion Ratio Lower Upper

63 100

106 26.1 20.4 30.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

3000

2000

1000

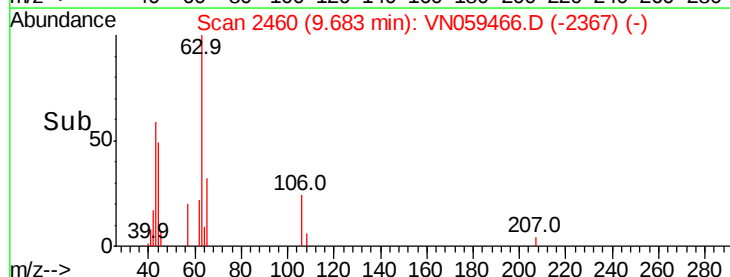
0

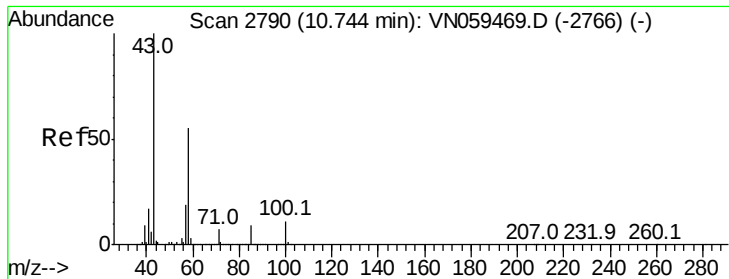
Time-->

9.65

9.70

9.75

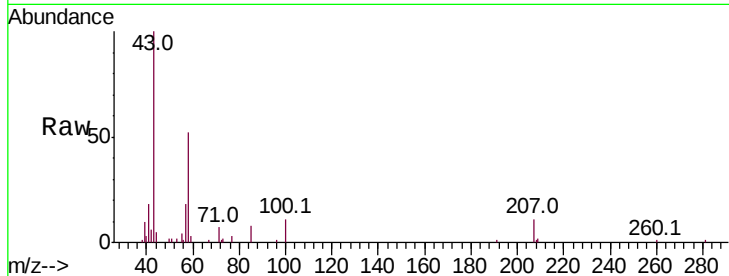




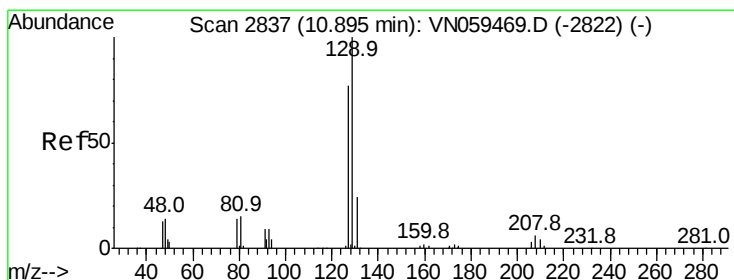
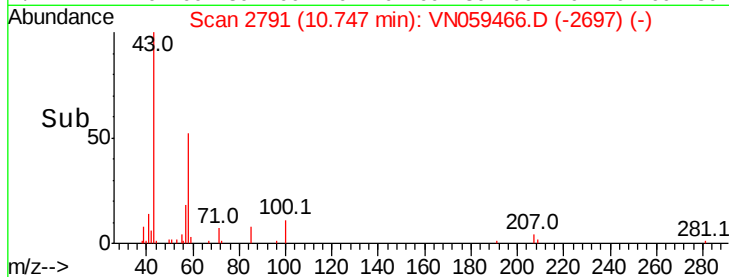
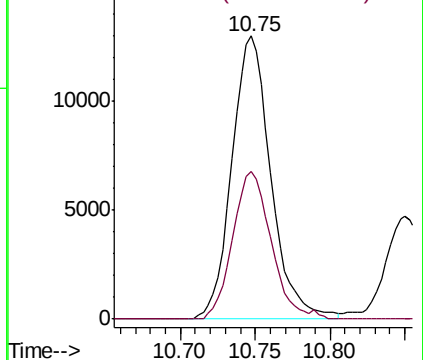
#59  
2-Hexanone  
Concen: 5.854 ug/l  
RT: 10.75 min Scan# 2791  
Delta R.T. 0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 23616  
Ion Ratio Lower Upper  
43 100  
58 51.4 27.7 83.0

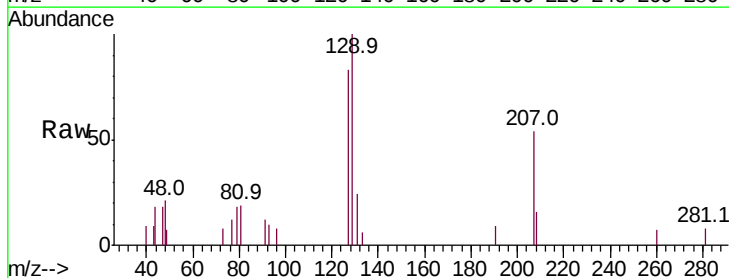


Abundance Ion 43.00 (42.70 to 43.70): VN059466.D (-2766) (-)  
Ion 58.00 (57.70 to 58.70): VN059466.D (-2766) (-)

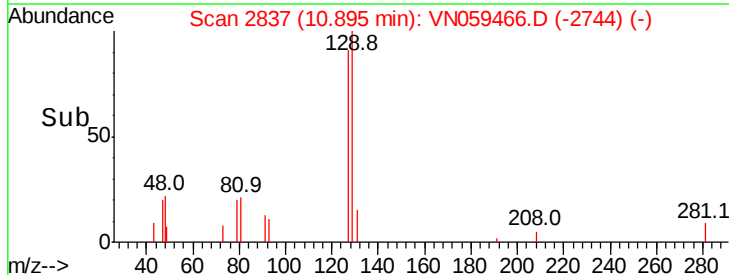
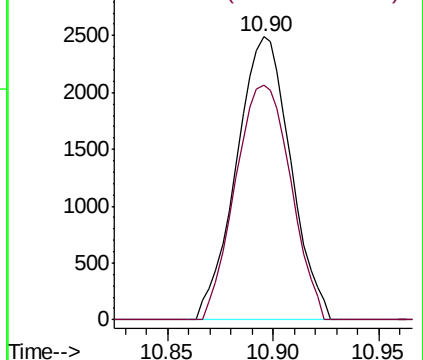


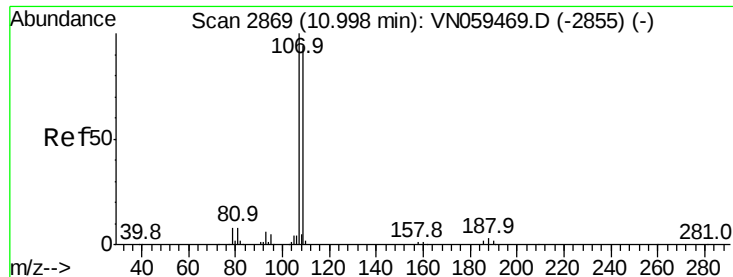
#60  
Dibromochloromethane  
Concen: 1.075 ug/l  
RT: 10.90 min Scan# 2837  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion: 129 Resp: 4451  
Ion Ratio Lower Upper  
129 100  
127 84.7 39.0 116.9



Abundance Ion 128.80 (128.50 to 129.50): VN059466.D (-2822) (-)  
Ion 126.80 (126.50 to 127.50): VN059466.D (-2822) (-)





#61

1,2-Dibromoethane

Concen: 1.108 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

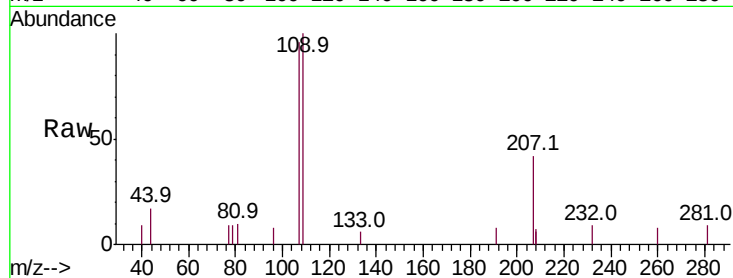
ClientSampleId :

Tot Ion:107 Resp: 4519

Ion Ratio Lower Upper

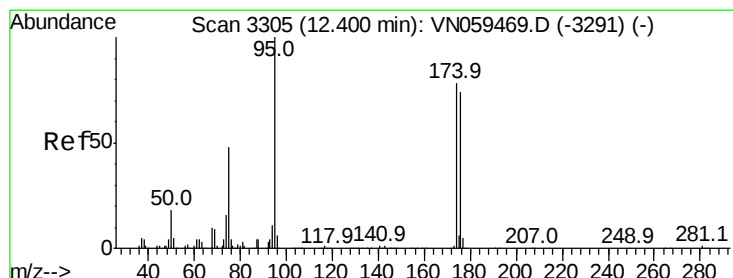
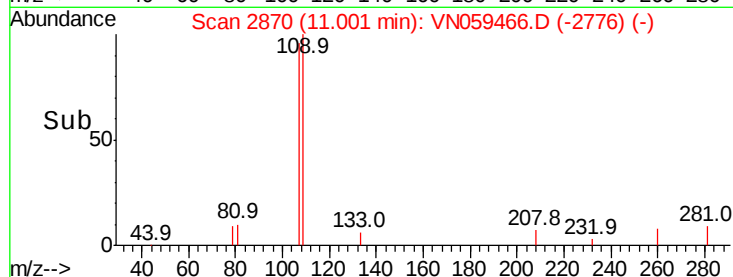
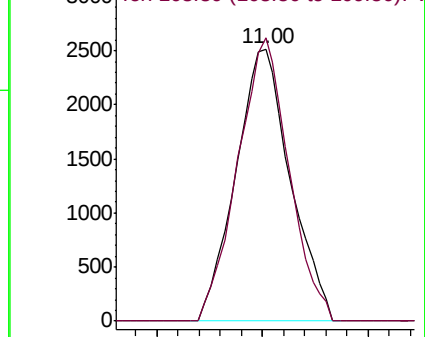
107 100

109 97.7 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.334 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

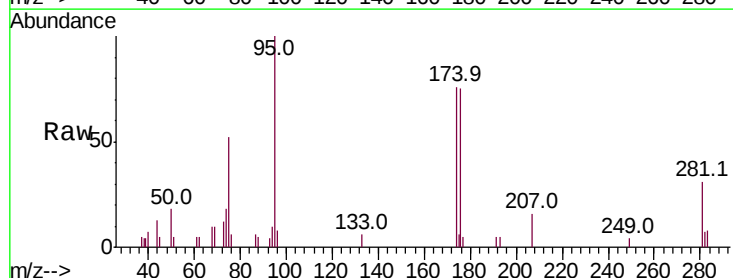
Tgt Ion: 95 Resp: 6657

Ion Ratio Lower Upper

95 100

174 80.7 0.0 157.0

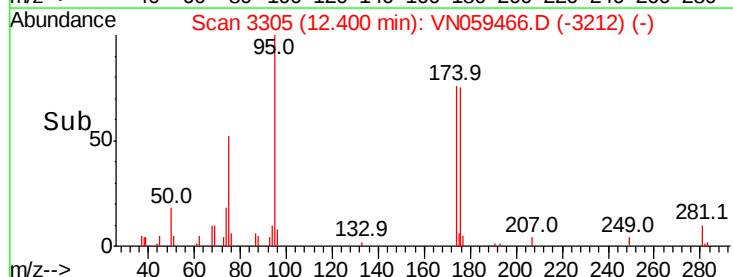
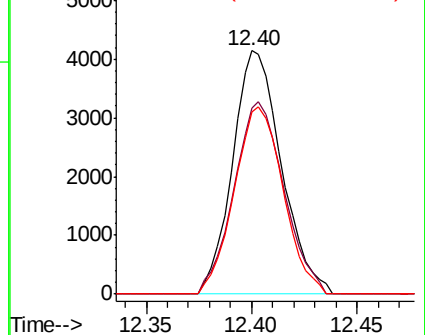
176 77.1 0.0 152.4

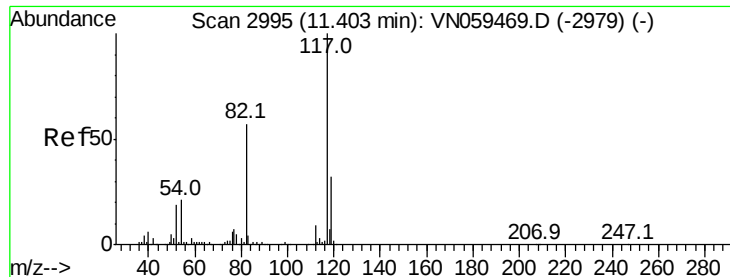


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampled :

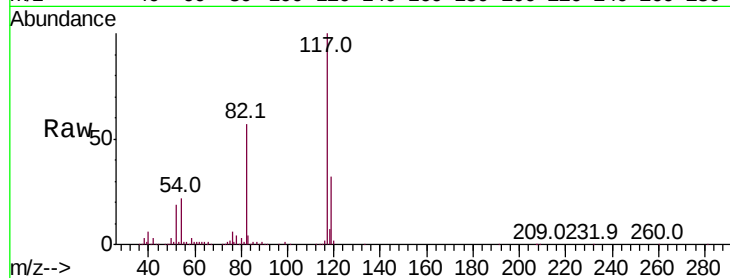
Tot Ion:117 Resp: 506269

Ion Ratio Lower Upper

117 100

82 56.8 45.8 68.8

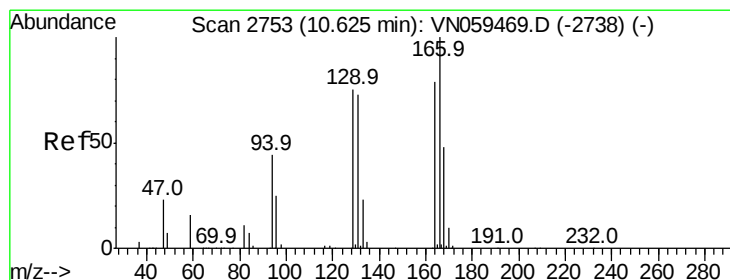
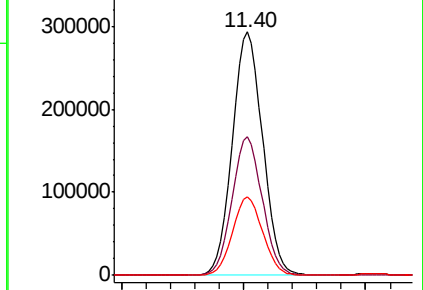
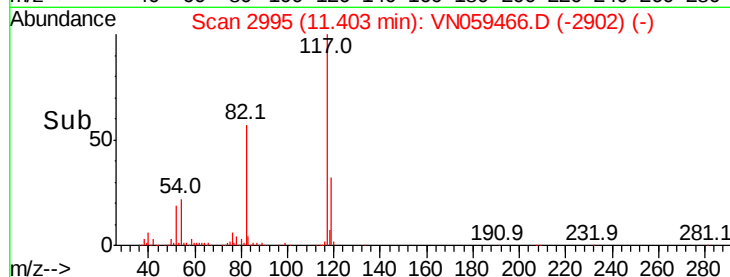
119 32.1 25.4 38.0



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



#64

Tetrachloroethene

Concen: 1.304 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Tgt Ion:164 Resp: 4948

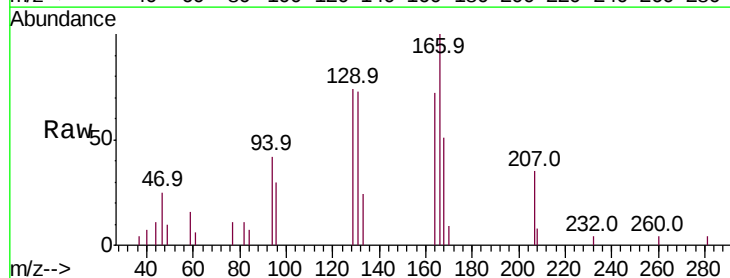
Ion Ratio Lower Upper

164 100

166 139.3 101.2 151.8

129 102.6 76.1 114.1

131 101.7 73.7 110.5

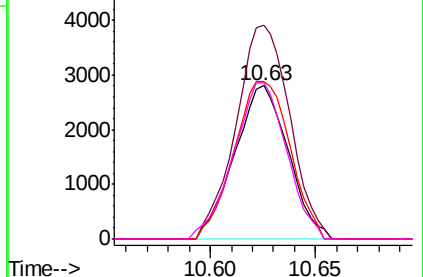
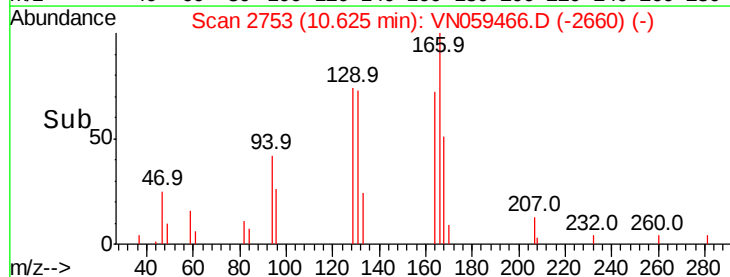


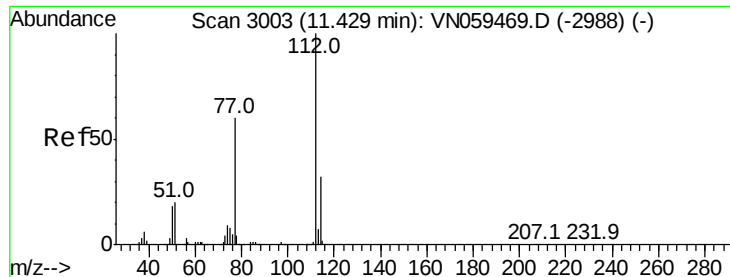
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.293 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

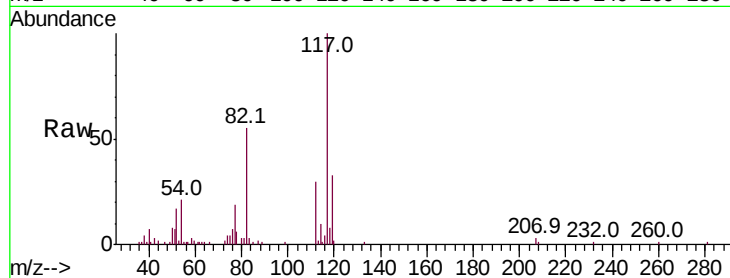
ClientSampled :

Tot Ion:112 Resp: 13400

Ion Ratio Lower Upper

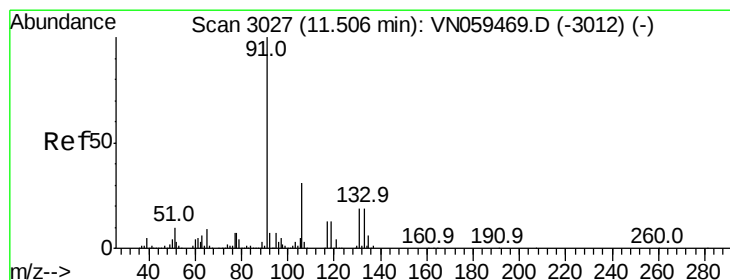
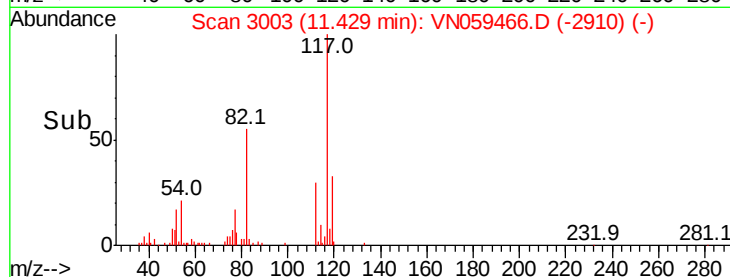
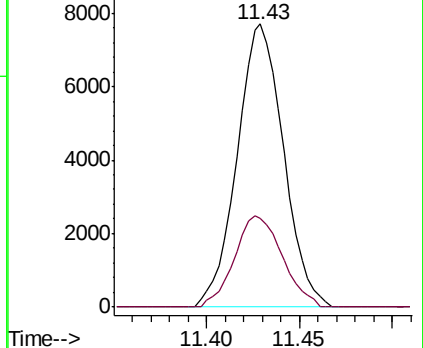
112 100

114 31.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.222 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

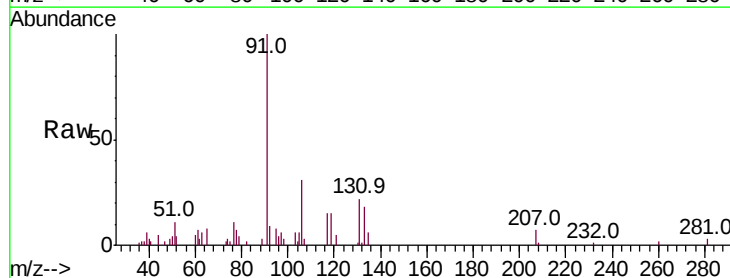
Tgt Ion:131 Resp: 4598

Ion Ratio Lower Upper

131 100

133 100.4 48.0 144.0

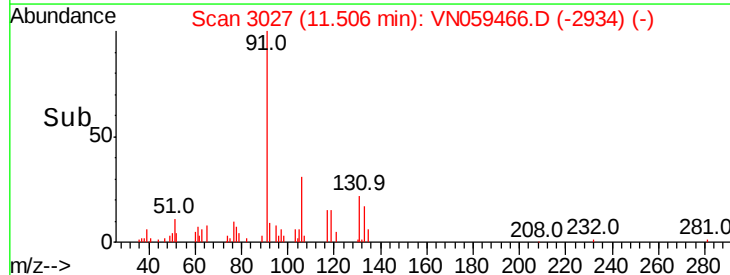
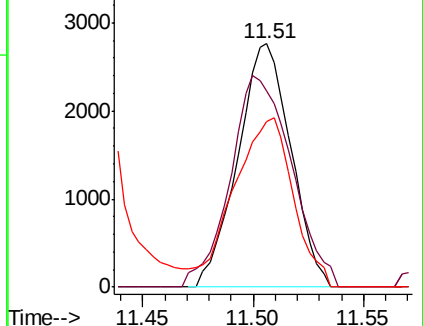
119 0.0 33.9 101.6#

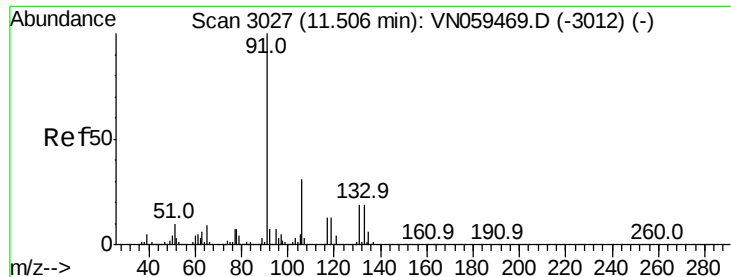


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.195 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

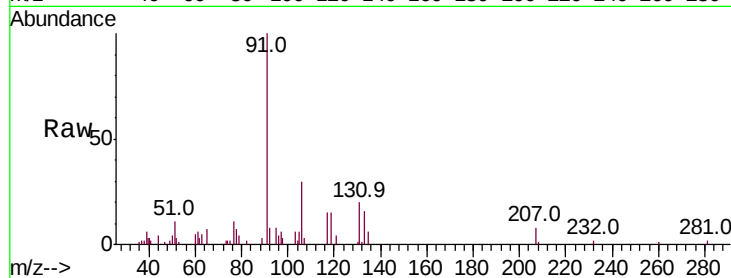
ClientSampleId :

Tot Ion: 91 Resp: 21809

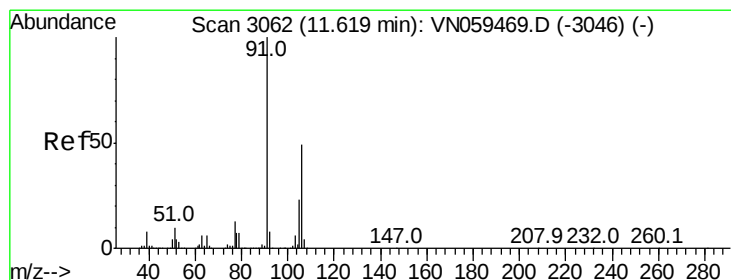
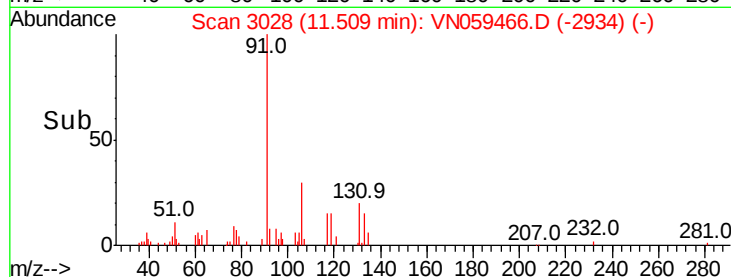
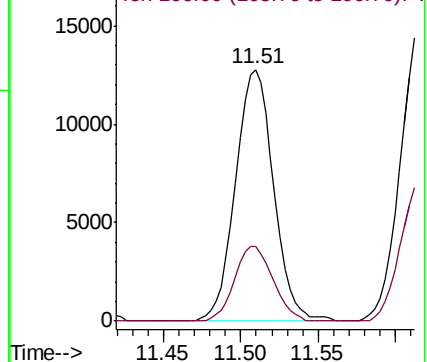
Ion Ratio Lower Upper

91 100

106 29.8 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN059466.D (-3012) (-)



#68

m/p-Xylenes

Concen: 2.296 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059466.D

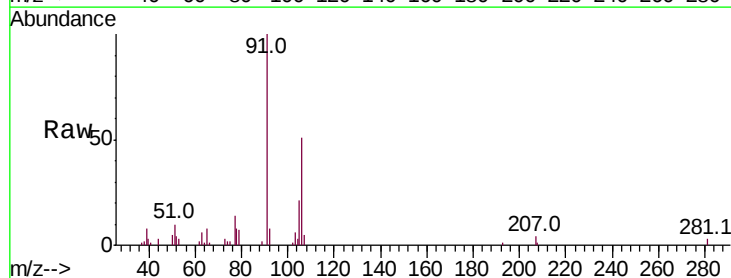
Acq: 3 Dec 2019 13:19

Tgt Ion: 106 Resp: 15681

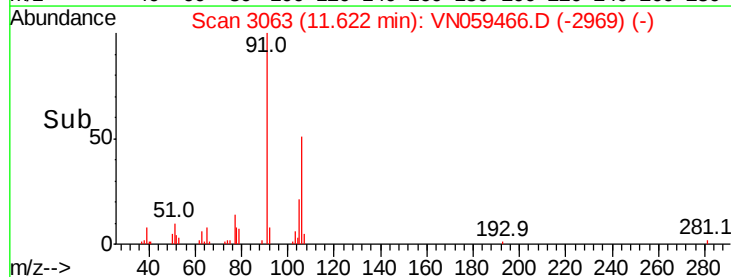
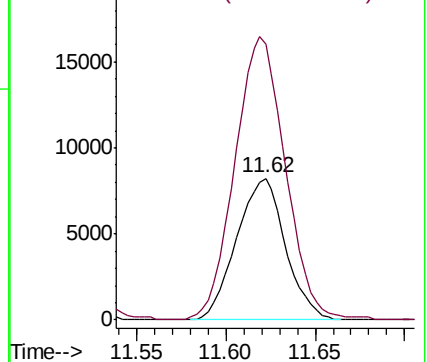
Ion Ratio Lower Upper

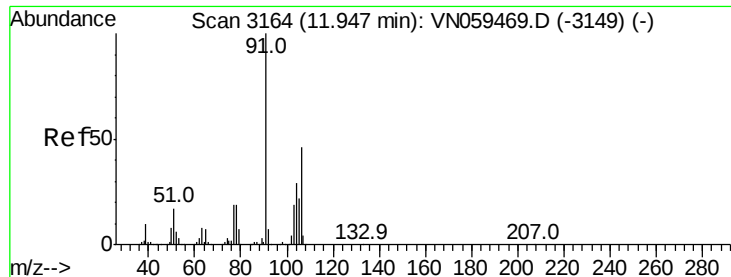
106 100

91 206.5 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): VN059466.D (-3046) (-)

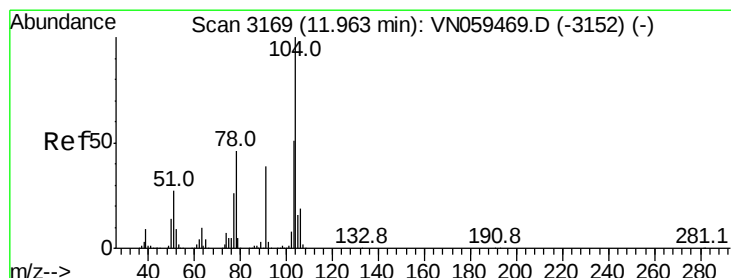
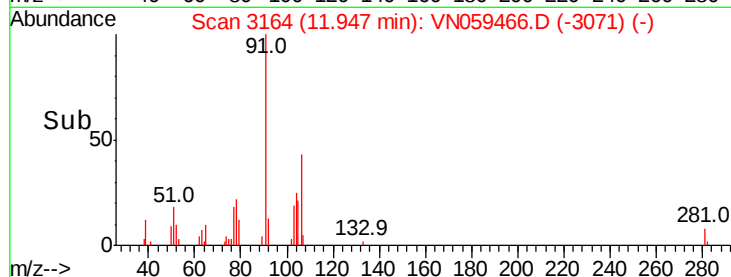
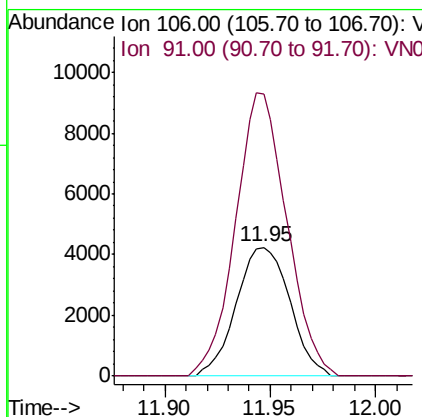
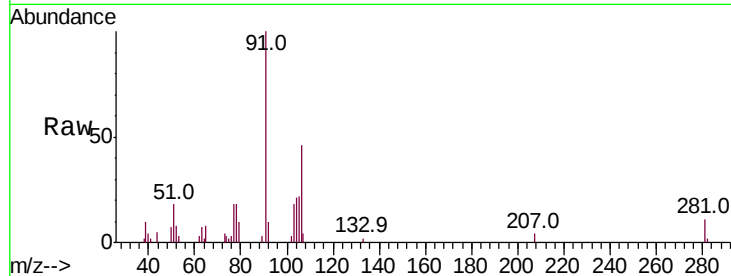




#69  
o-Xylene  
Concen: 1.146 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

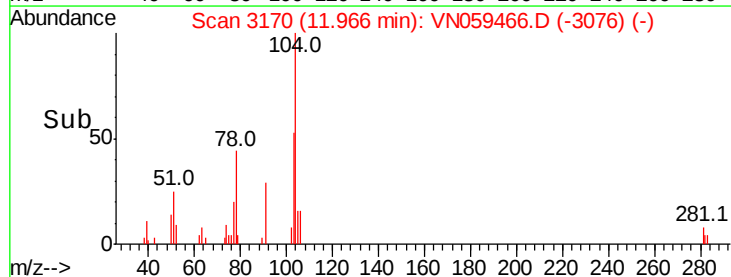
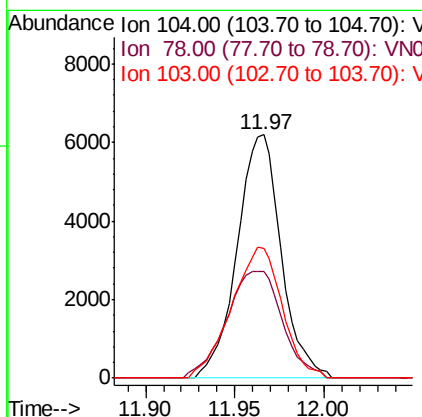
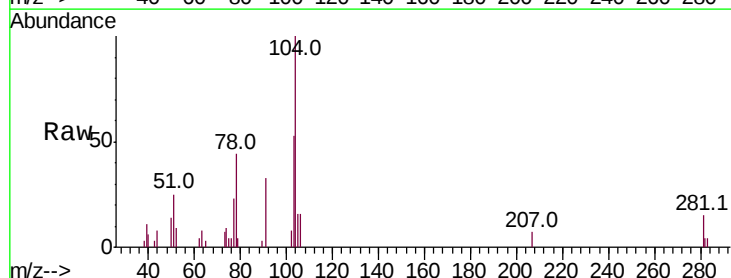
Instrument :  
MSVOA\_N  
ClientSampled :

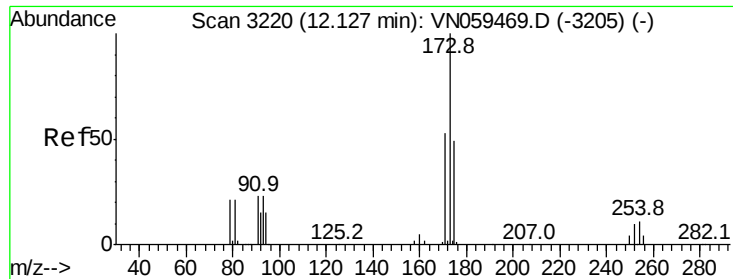
Tot Ion:106 Resp: 7477  
Ion Ratio Lower Upper  
106 100  
91 210.4 108.5 325.3



#70  
Styrene  
Concen: 1.044 ug/l  
RT: 11.97 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion:104 Resp: 10676  
Ion Ratio Lower Upper  
104 100  
78 55.8 41.0 61.4  
103 61.7 44.7 67.1





#71

Bromoform

Concen: 1.018 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampled :

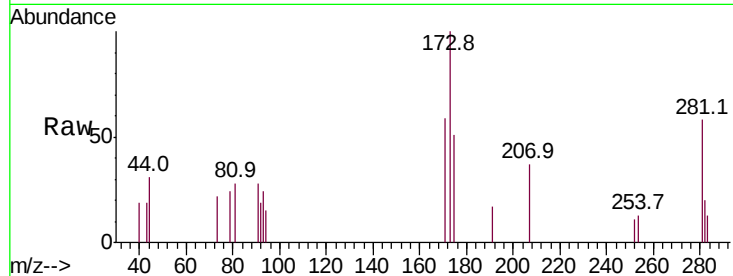
Tot Ion:173 Resp: 2931

Ion Ratio Lower Upper

173 100

175 45.8 24.3 73.0

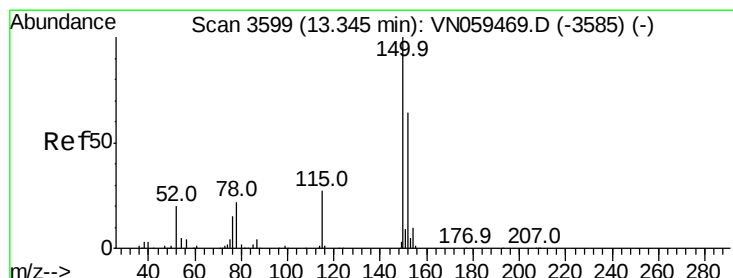
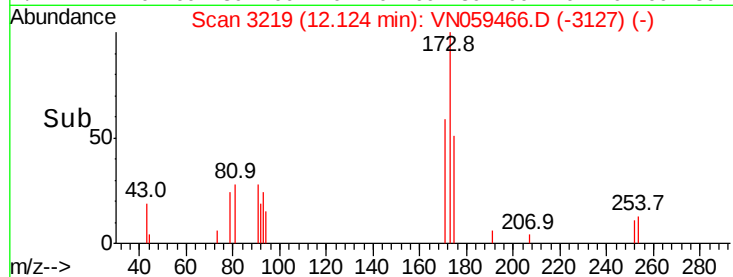
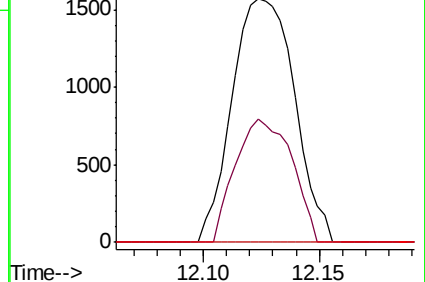
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

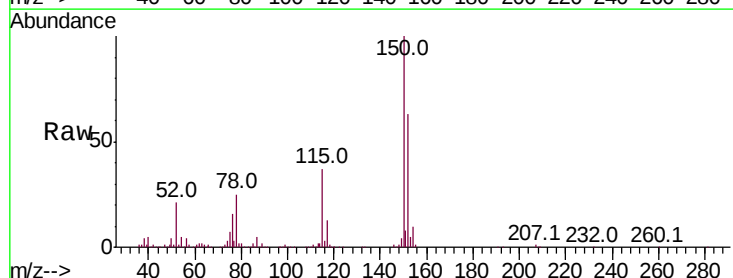
Tgt Ion:152 Resp: 204906

Ion Ratio Lower Upper

152 100

115 58.0 29.2 87.6

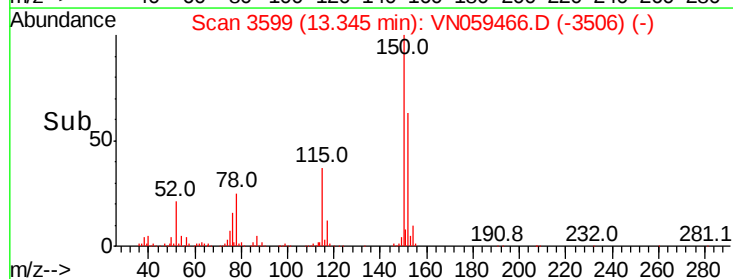
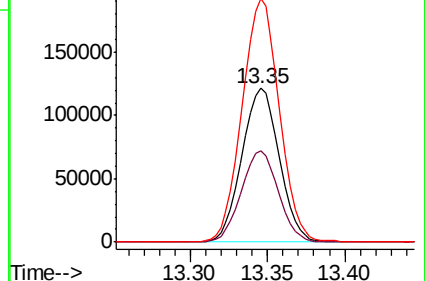
150 156.4 0.0 352.8

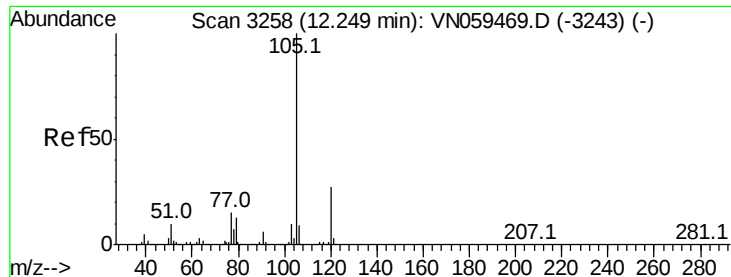


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.256 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

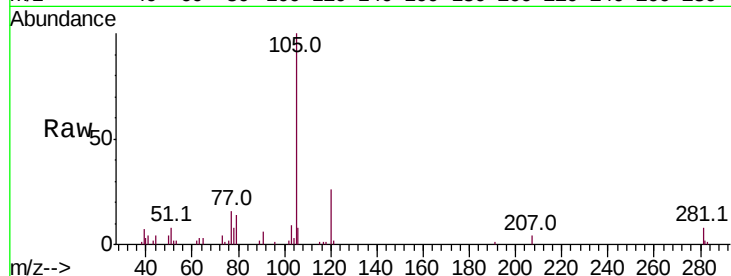
ClientSampleId :

Tot Ion:105 Resp: 19303

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

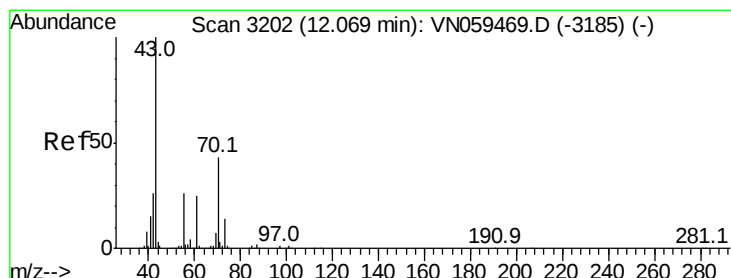
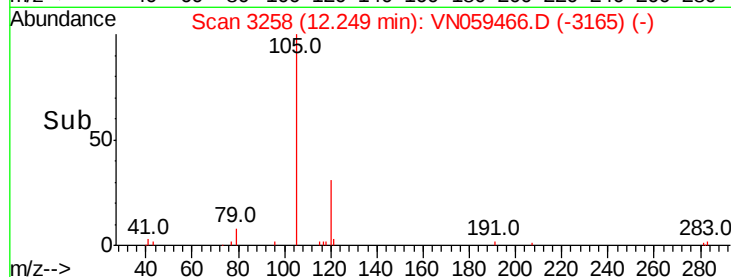
10000

5000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 1.358 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Tgt Ion: 43 Resp: 7970

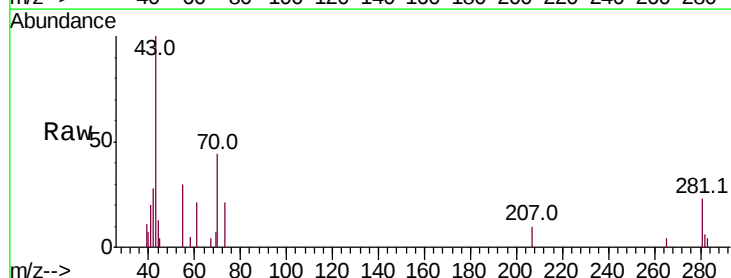
Ion Ratio Lower Upper

43 100

70 41.1 34.2 51.2

55 28.2 20.6 31.0

61 21.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

6000

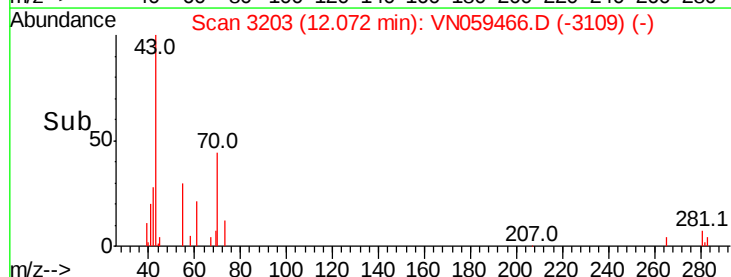
4000

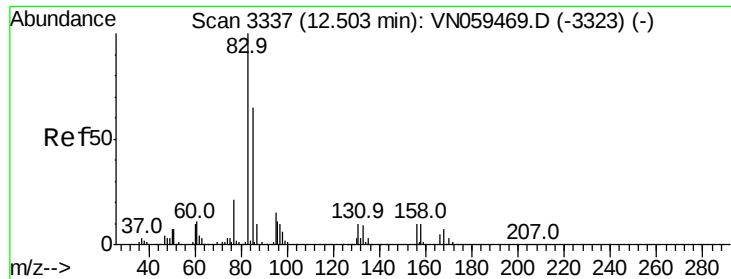
2000

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 1.315 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampled :

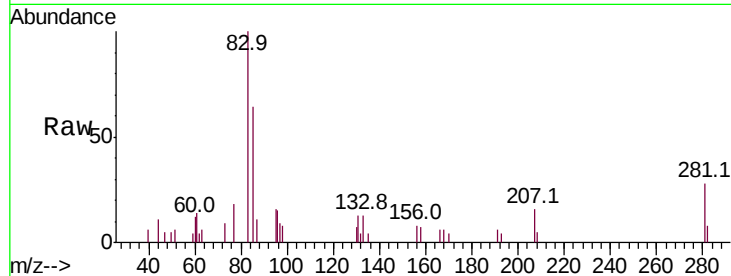
Tot Ion: 83 Resp: 6632

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

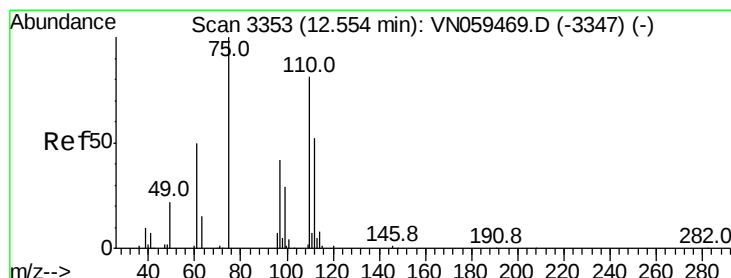
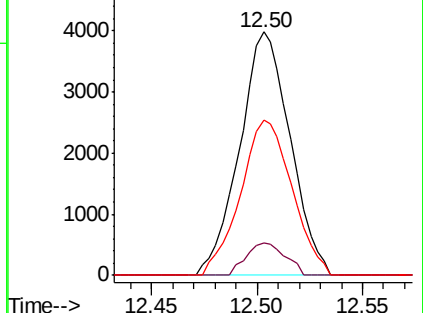
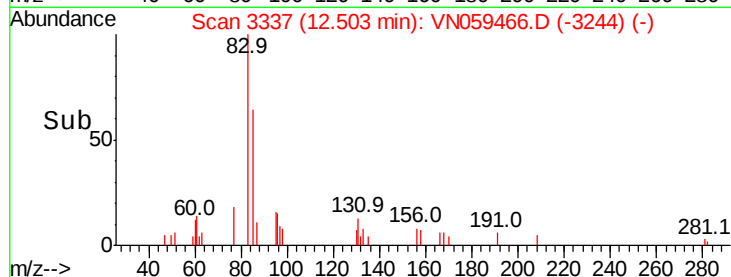
85 65.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 1.935 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN059466.D

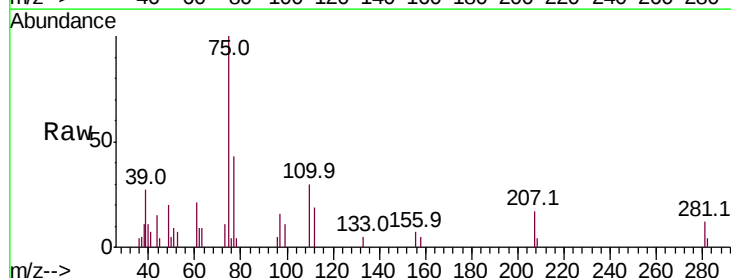
Acq: 3 Dec 2019 13:19

Tgt Ion: 75 Resp: 9215

Ion Ratio Lower Upper

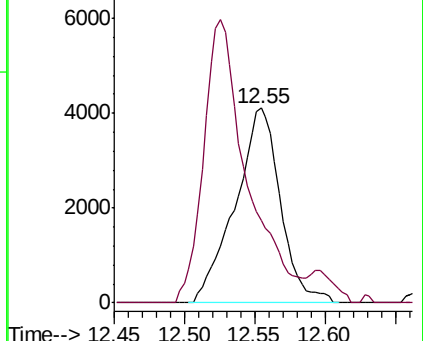
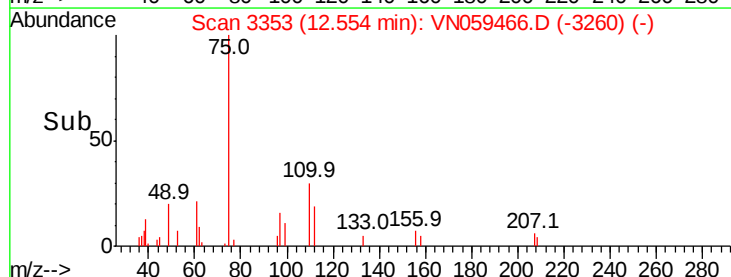
75 100

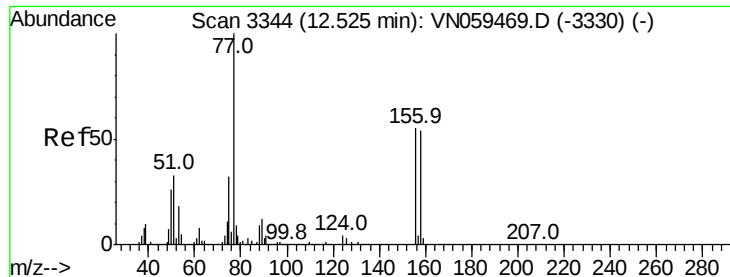
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 1.401 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampled :

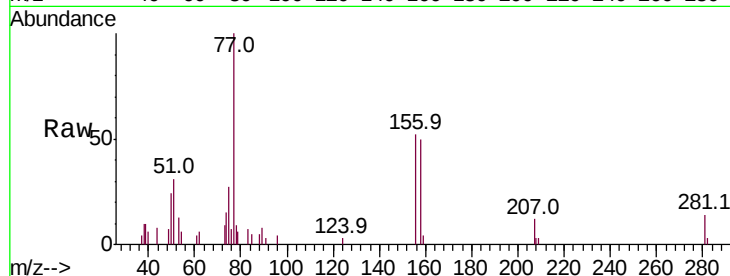
Tot Ion:156 Resp: 5270

Ion Ratio Lower Upper

156 100

77 241.4 110.3 331.0

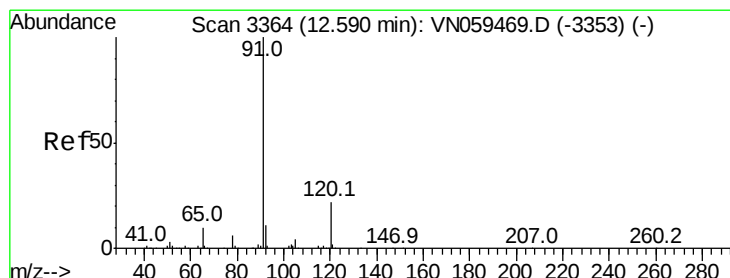
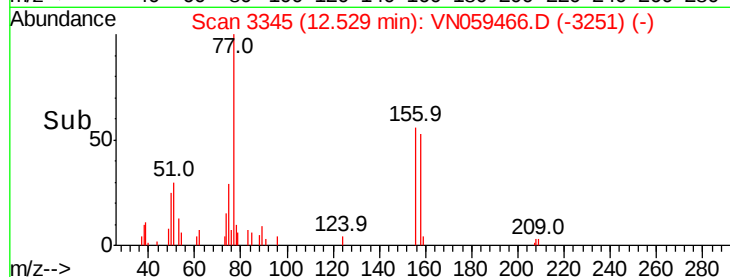
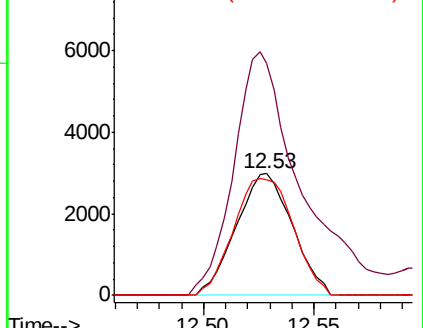
158 101.8 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.247 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059466.D

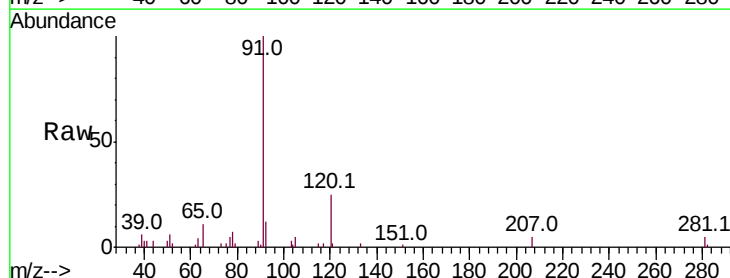
Acq: 3 Dec 2019 13:19

Tgt Ion: 91 Resp: 22148

Ion Ratio Lower Upper

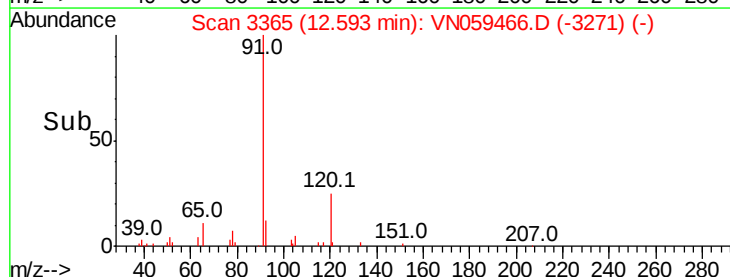
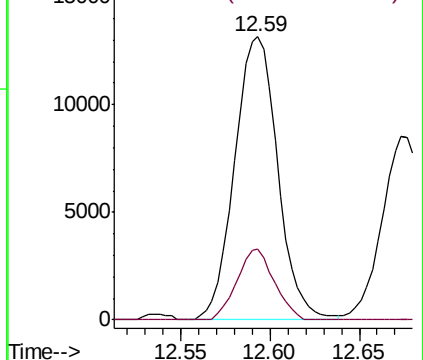
91 100

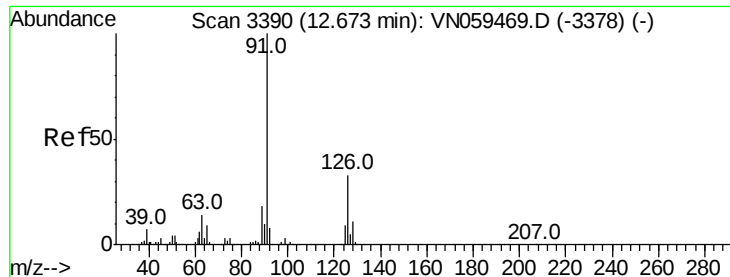
120 21.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.375 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

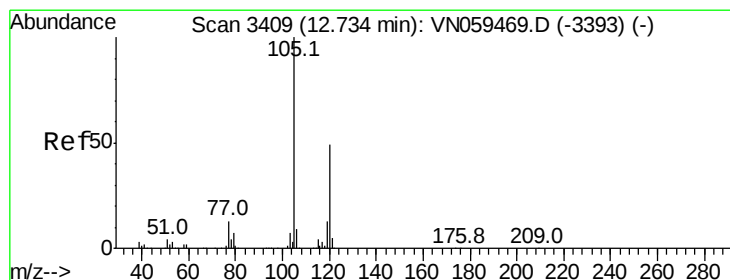
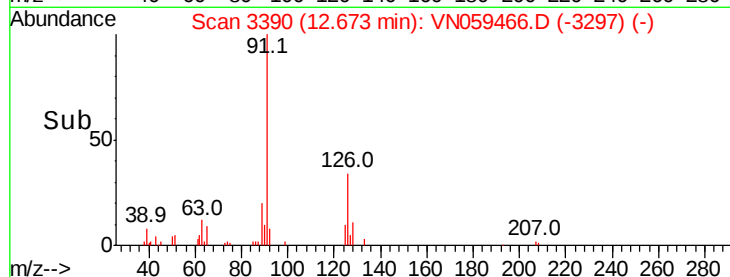
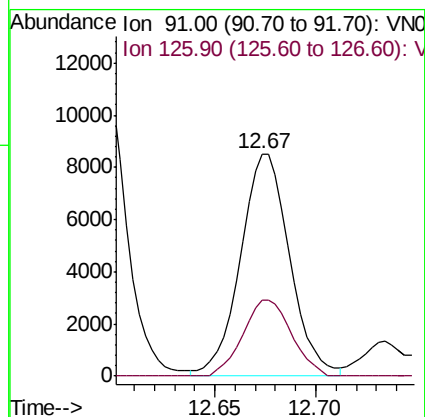
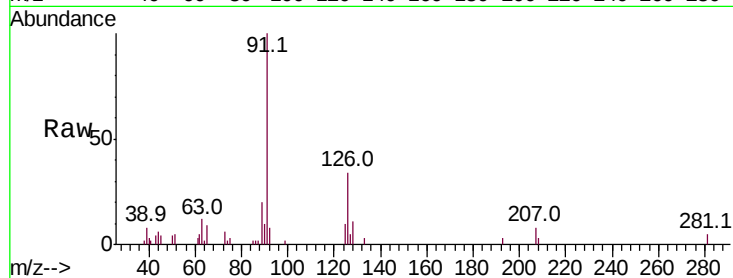
ClientSampleId :

Tot Ion: 91 Resp: 14586

Ion Ratio Lower Upper

91 100

126 33.5 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 1.200 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059466.D

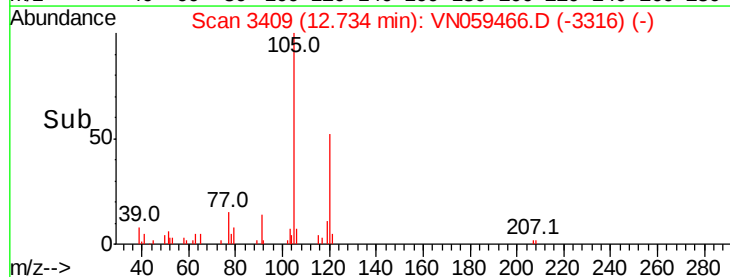
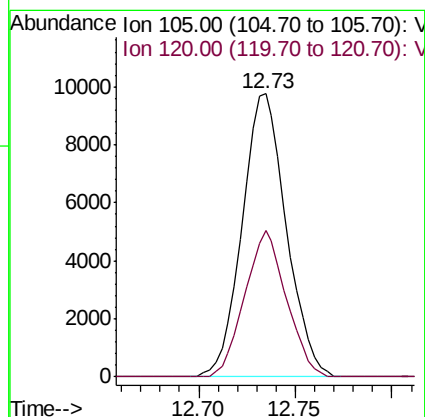
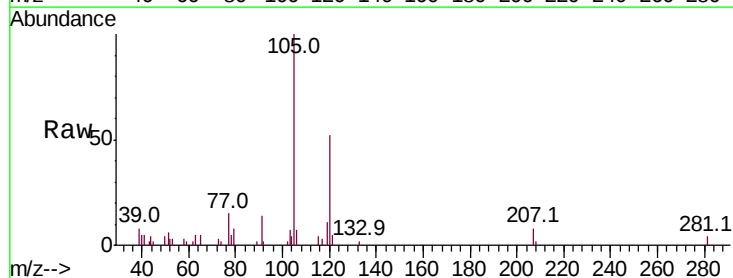
Acq: 3 Dec 2019 13:19

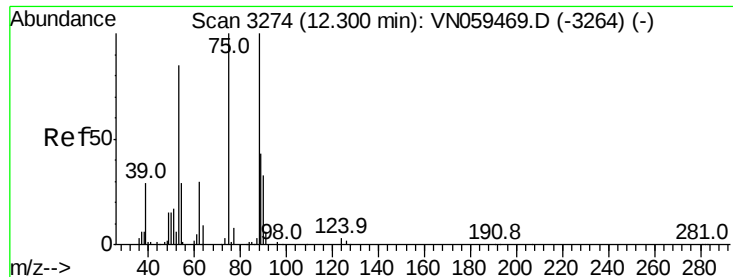
Tgt Ion:105 Resp: 15501

Ion Ratio Lower Upper

105 100

120 48.7 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 0.929 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampleId :

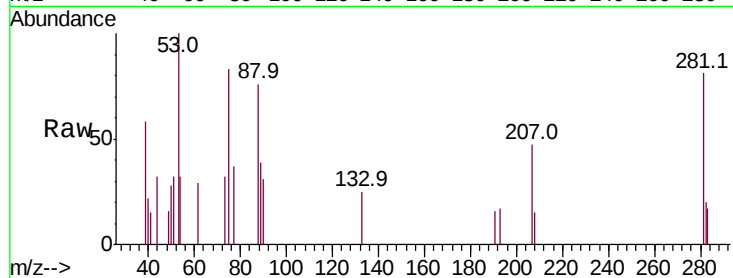
Tot Ion: 75 Resp: 1713

Ion Ratio Lower Upper

75 100

53 116.1 69.8 104.6#

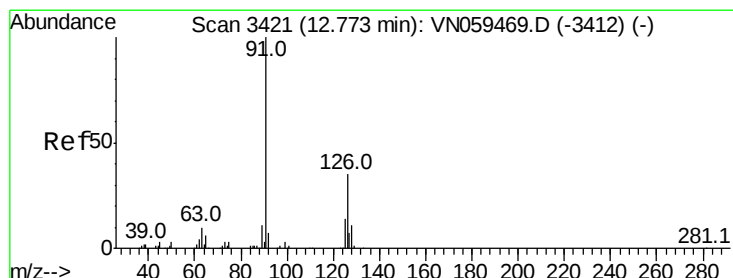
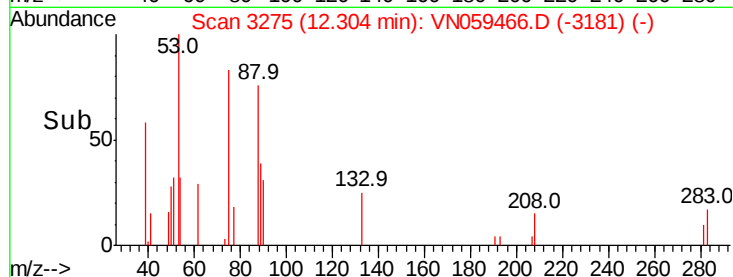
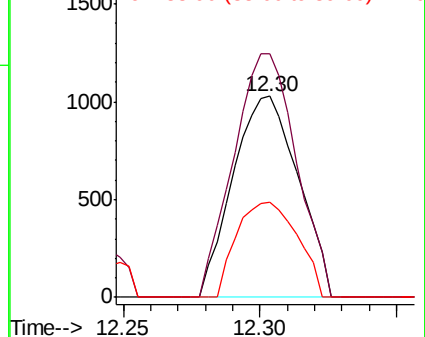
89 44.0 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.334 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN059466.D

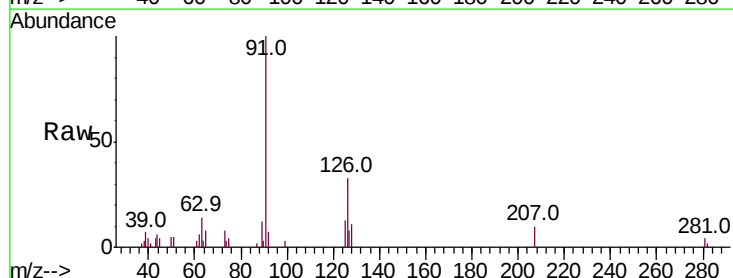
Acq: 3 Dec 2019 13:19

Tgt Ion: 91 Resp: 14575

Ion Ratio Lower Upper

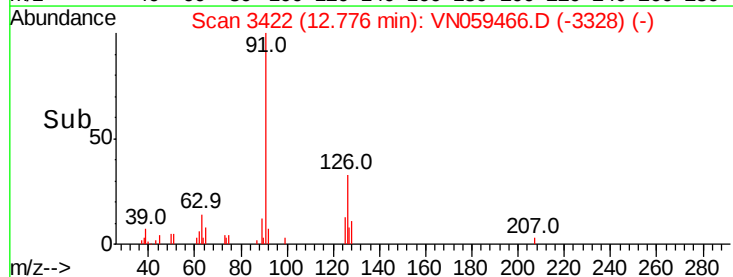
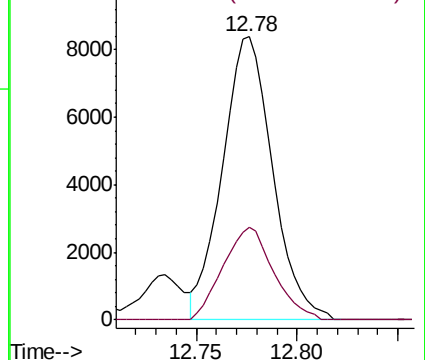
91 100

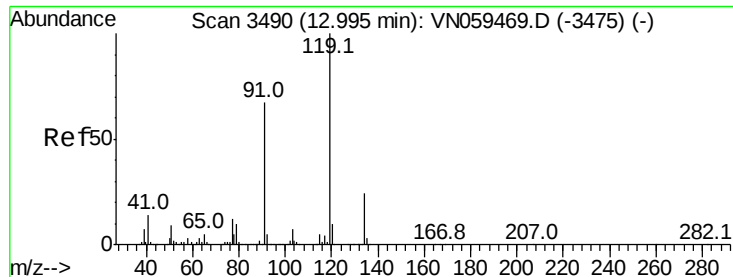
126 32.8 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

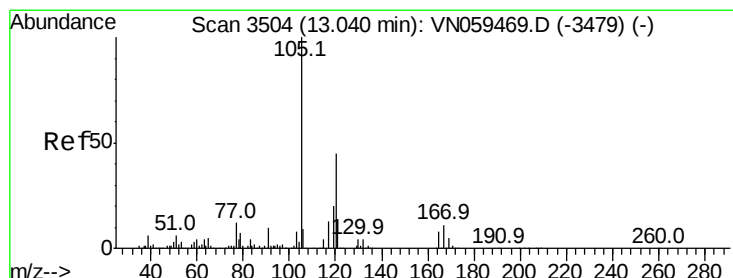
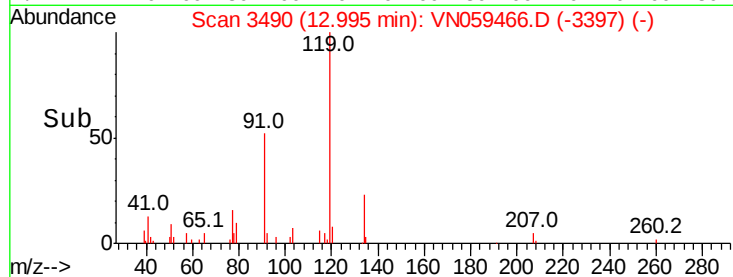
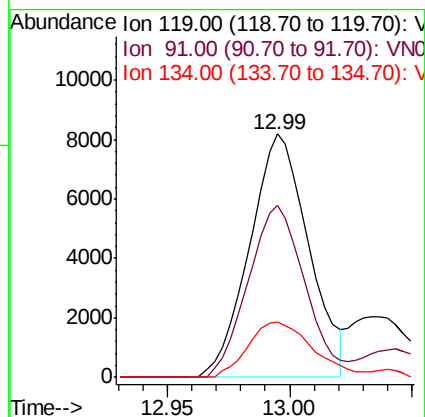
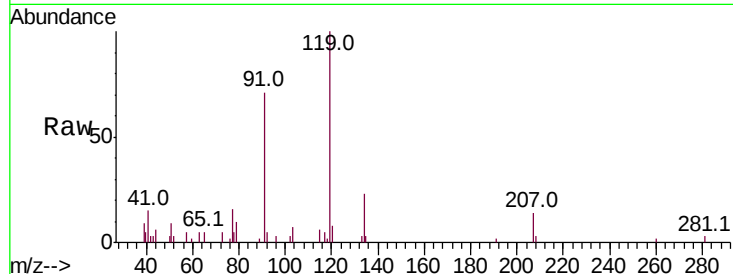




#83  
tert-Butylbenzene  
Concen: 1.235 ug/l  
RT: 12.99 min Scan# 3490  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

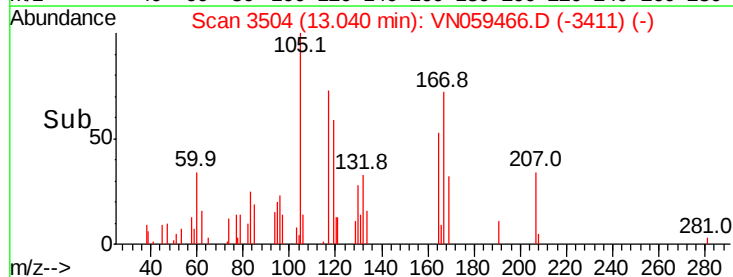
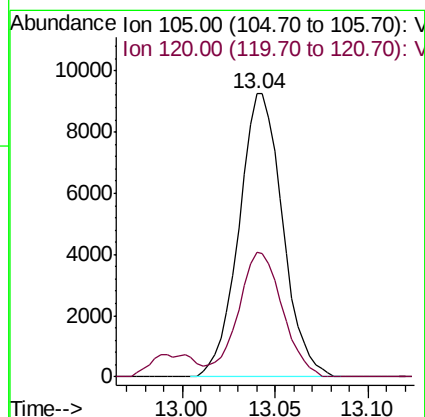
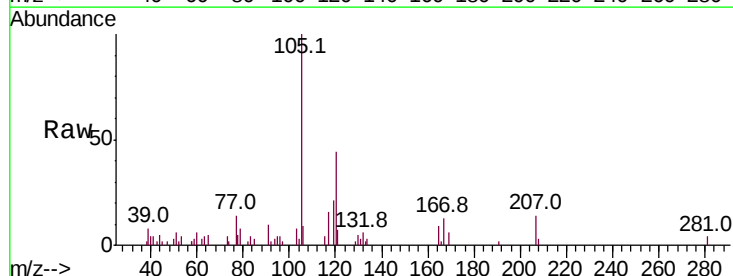
Instrument :  
MSVOA\_N  
ClientSampled :

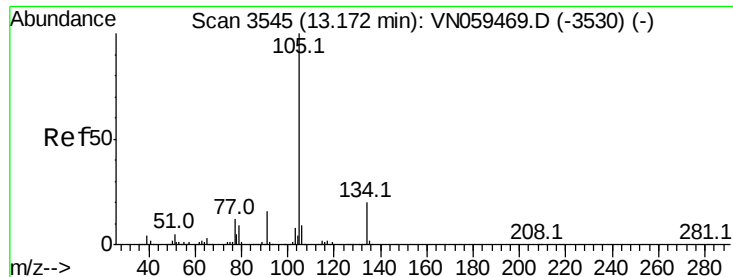
Tot Ion:119 Resp: 13738  
Ion Ratio Lower Upper  
119 100  
91 68.3 32.6 97.7  
134 24.9 12.6 37.6



#84  
1,2,4-Trimethylbenzene  
Concen: 1.201 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion:105 Resp: 15202  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.6 67.8





#85

sec-Butylbenzene

Concen: 1.246 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

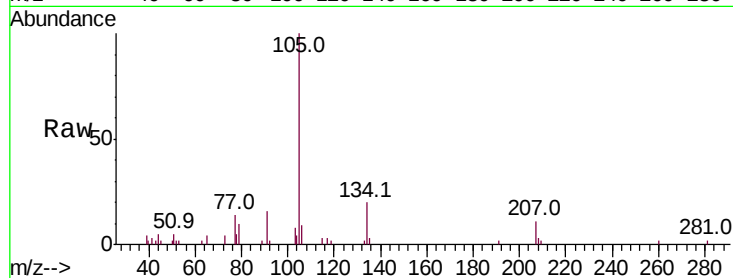
ClientSampled :

Tot Ion:105 Resp: 18384

Ion Ratio Lower Upper

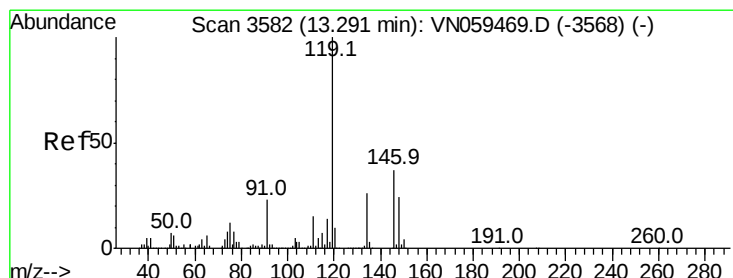
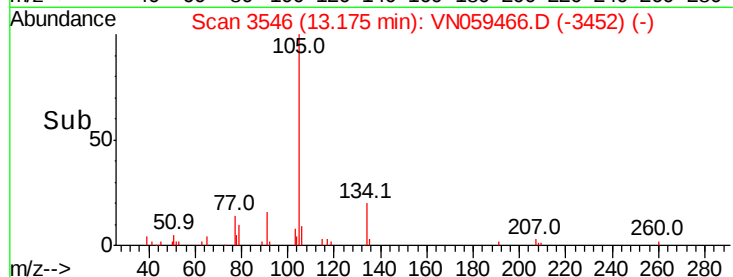
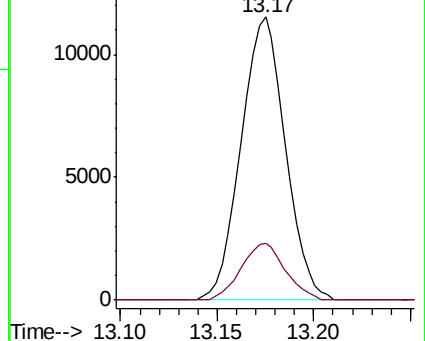
105 100

134 20.0 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.238 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

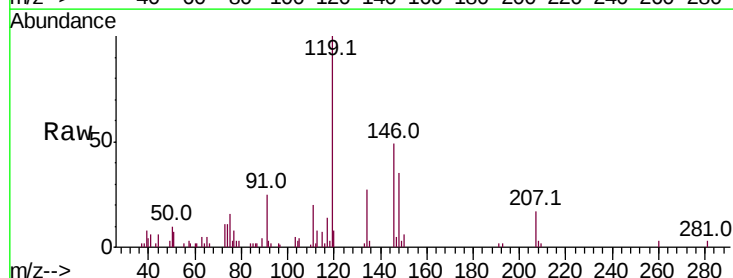
Tgt Ion:119 Resp: 16500

Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.3

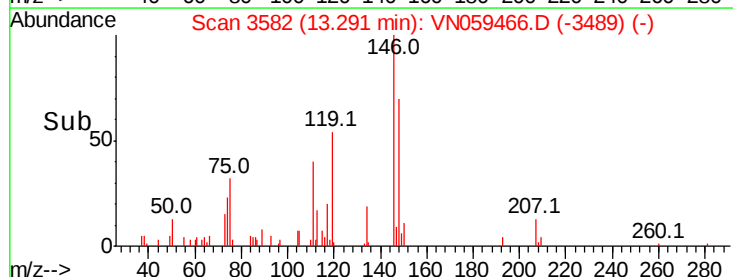
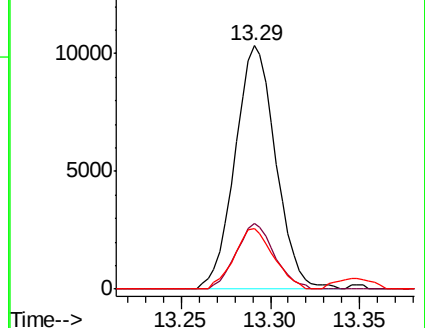
91 23.9 11.7 35.1

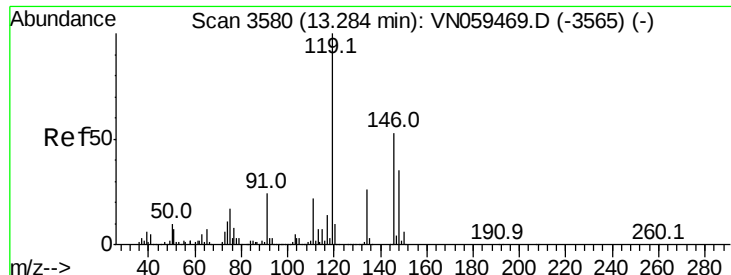


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

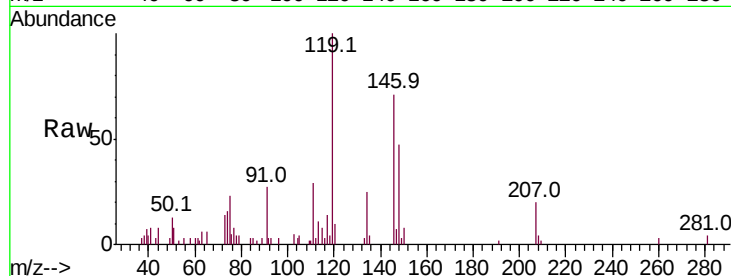




#87  
 1,3-Dichlorobenzene  
 Concen: 1.451 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 20.4  | 61.3  |
| 148     | 63.8  | 32.1  | 96.5  |

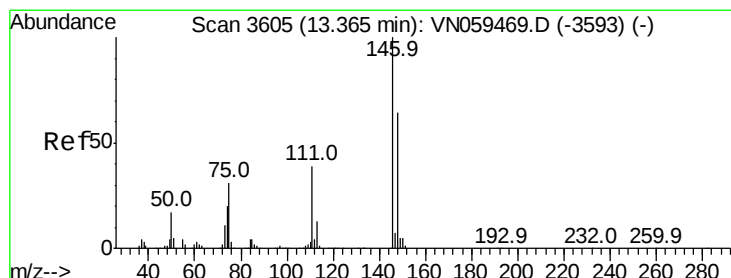
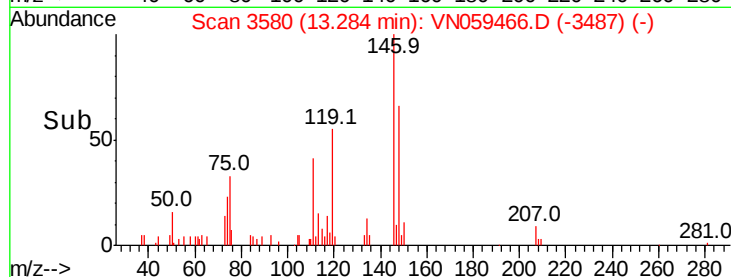
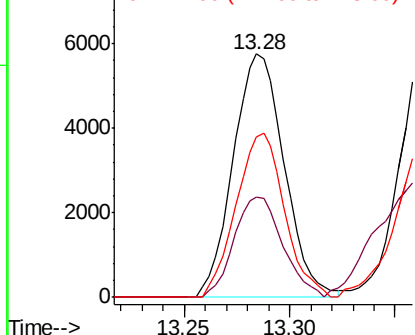


Abundance

Ion 145.90 (145.60 to 146.60): V

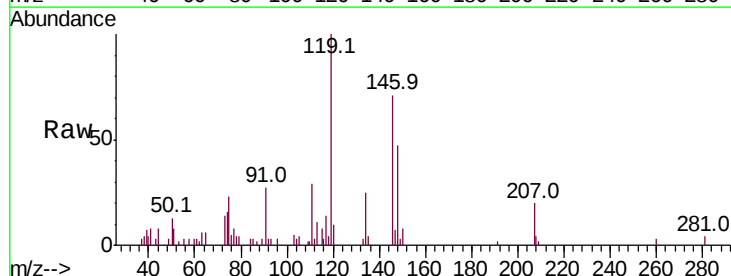
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88  
 1,4-Dichlorobenzene  
 Concen: 1.443 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. -0.08 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.8  | 59.3  |
| 148     | 63.8  | 32.0  | 96.0  |

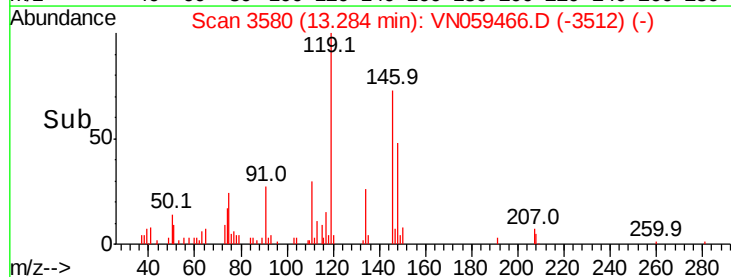
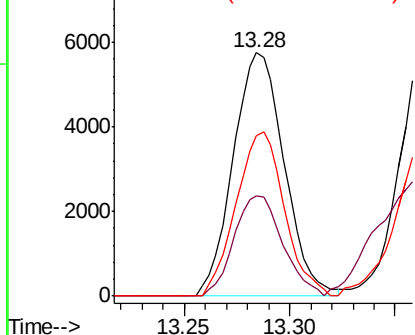


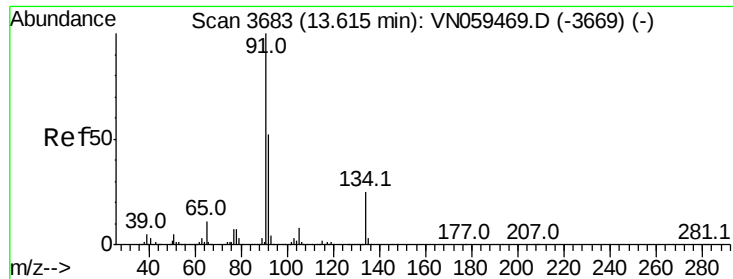
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

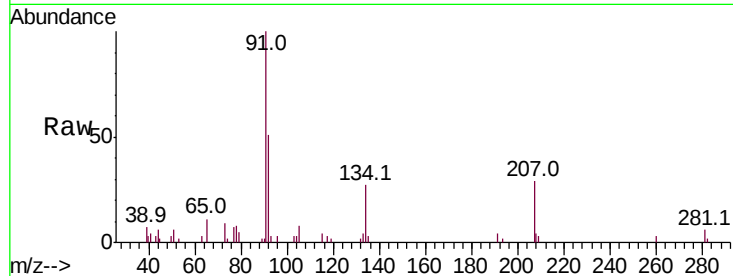




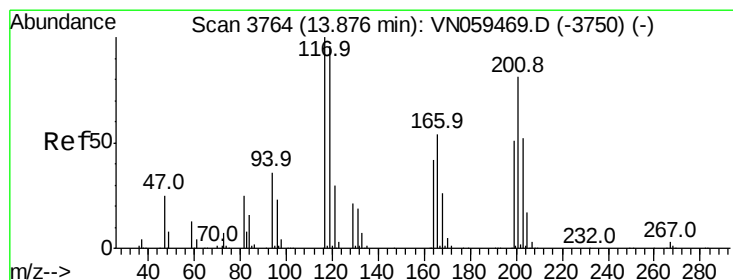
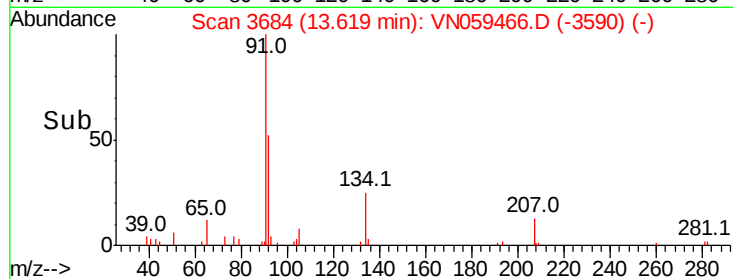
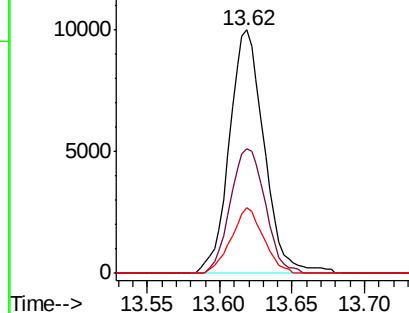
#89  
n-Butylbenzene  
Concen: 1.423 ug/l  
RT: 13.62 min Scan# 3684  
Delta R.T. 0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 91 Resp: 16610  
Ion Ratio Lower Upper  
91 100  
92 51.3 25.9 77.8  
134 25.1 12.6 37.6

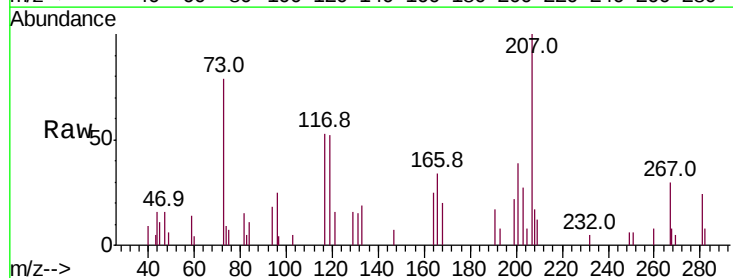


Abundance Ion 91.00 (90.70 to 91.70): VN0  
Ion 92.00 (91.70 to 92.70): VN0  
Ion 134.00 (133.70 to 134.70): V

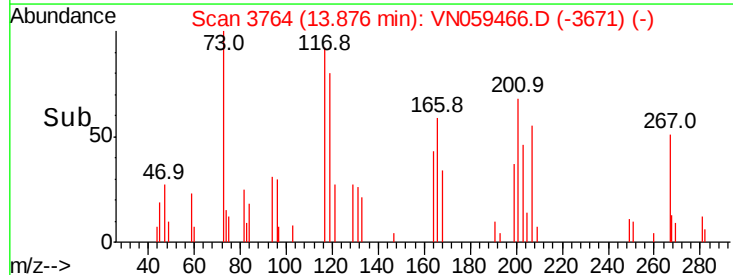
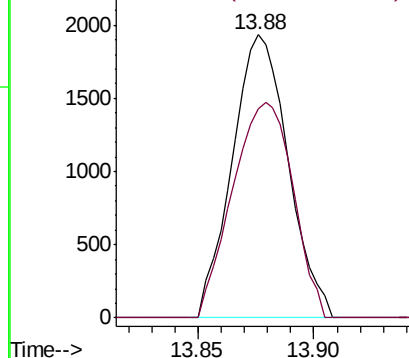


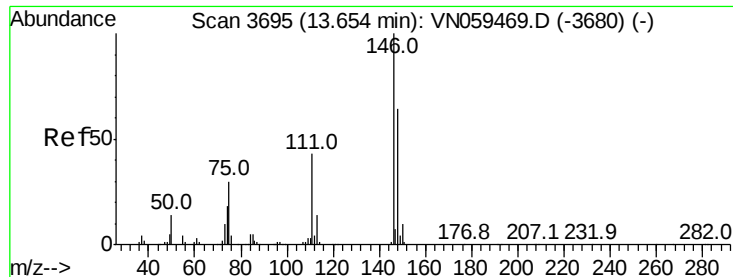
#90  
Hexachloroethane  
Concen: 1.269 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. -0.00 min  
Lab File: VN059466.D  
Acq: 3 Dec 2019 13:19

Tgt Ion: 117 Resp: 3241  
Ion Ratio Lower Upper  
117 100  
201 82.4 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 1.507 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampled :

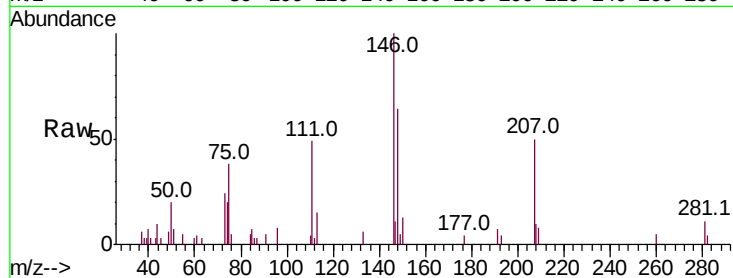
Tot Ion:146 Resp: 9839

Ion Ratio Lower Upper

146 100

111 43.9 21.3 63.7

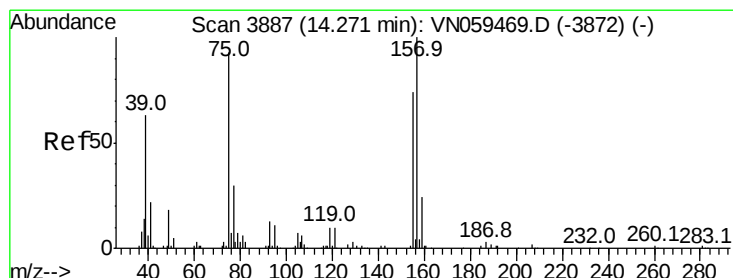
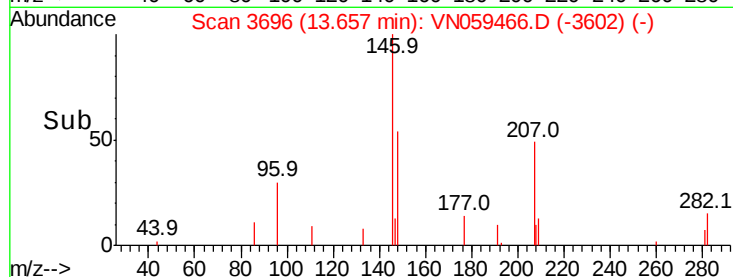
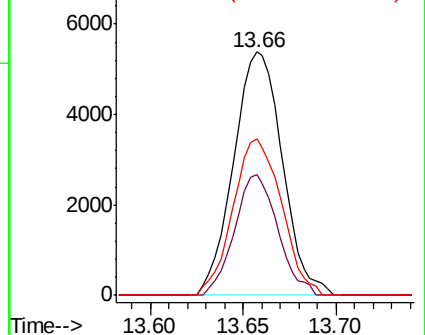
148 63.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.487 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

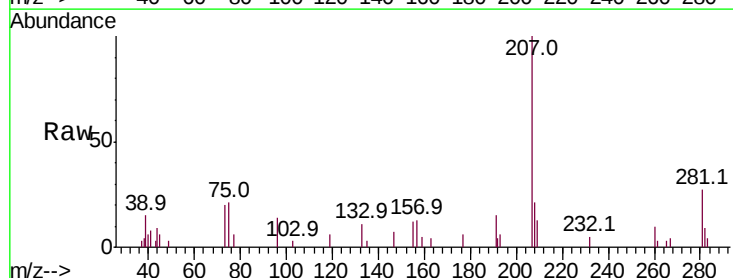
Tgt Ion: 75 Resp: 1704

Ion Ratio Lower Upper

75 100

155 57.0 40.6 122.0

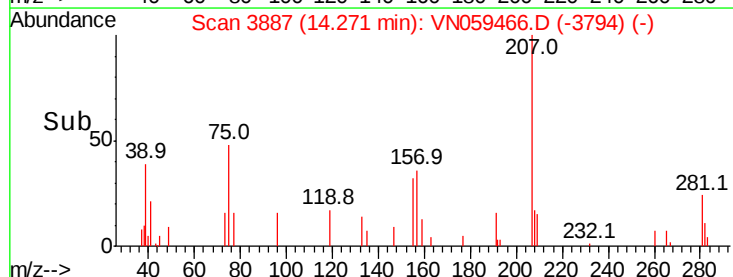
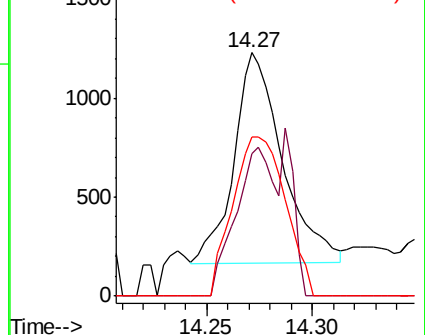
157 81.6 52.9 158.7

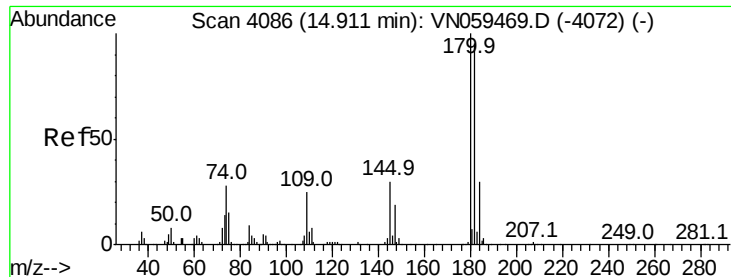


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

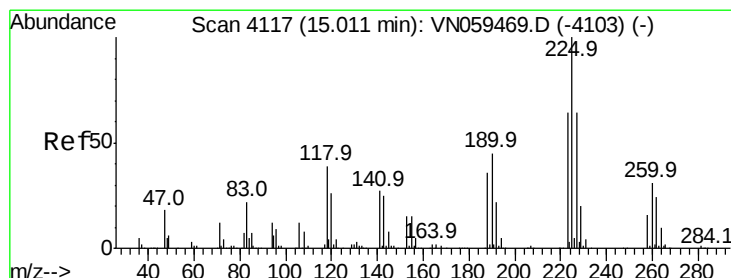
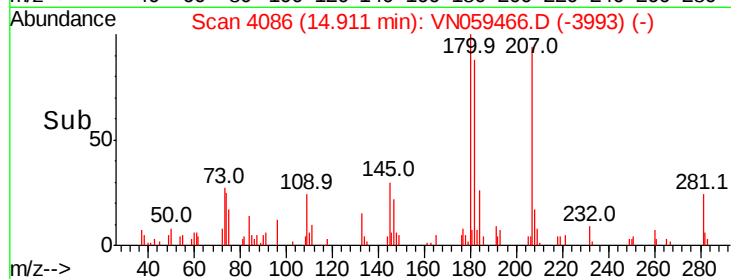
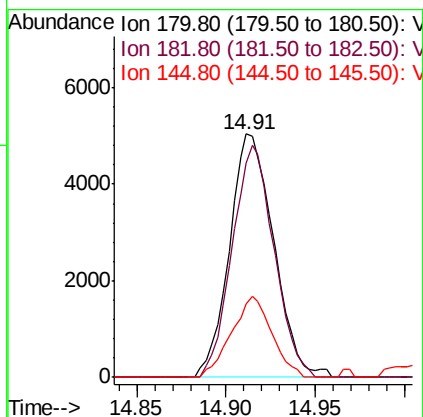
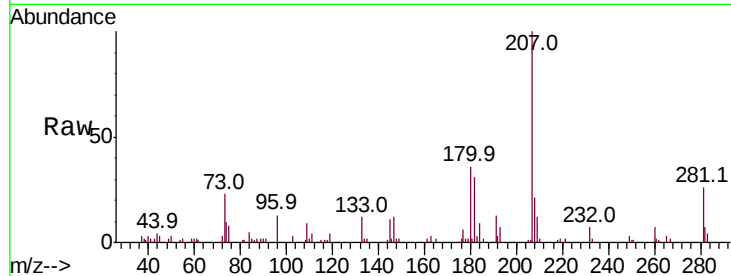




#93  
 1,2,4-Trichlorobenzene  
 Concen: 2.161 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

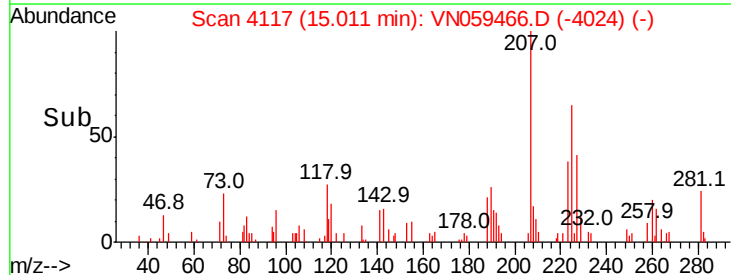
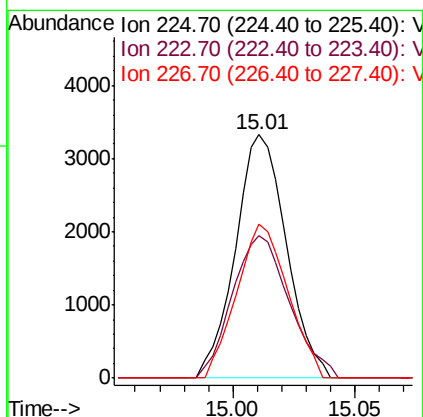
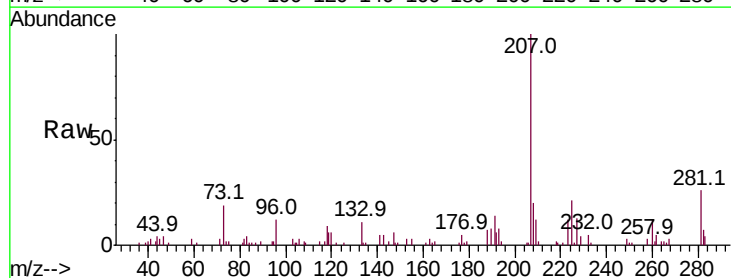
Instrument :  
 MSVOA\_N  
 ClientSampleId :

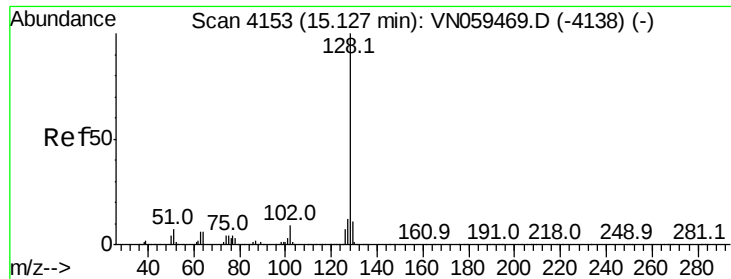
Tot Ion:180 Resp: 8684  
 Ion Ratio Lower Upper  
 180 100  
 182 90.2 48.0 144.2  
 145 30.2 15.2 45.6



#94  
 Hexachlorobutadiene  
 Concen: 1.929 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. -0.00 min  
 Lab File: VN059466.D  
 Acq: 3 Dec 2019 13:19

Tgt Ion:225 Resp: 4798  
 Ion Ratio Lower Upper  
 225 100  
 223 65.7 31.9 95.5  
 227 63.6 32.0 96.2





#95

Naphthalene

Concen: 2.928 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

Instrument :

MSVOA\_N

ClientSampled :

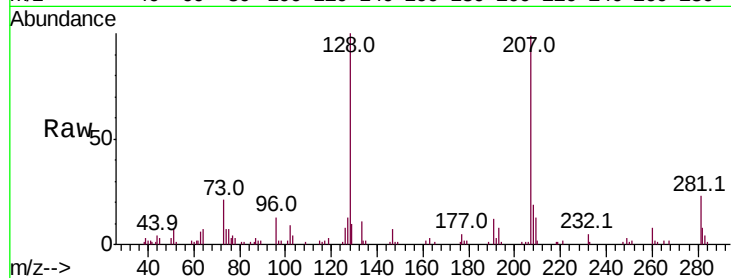
Tot Ion:128 Resp: 33526

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

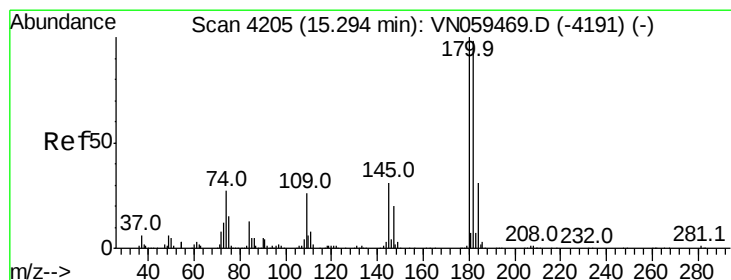
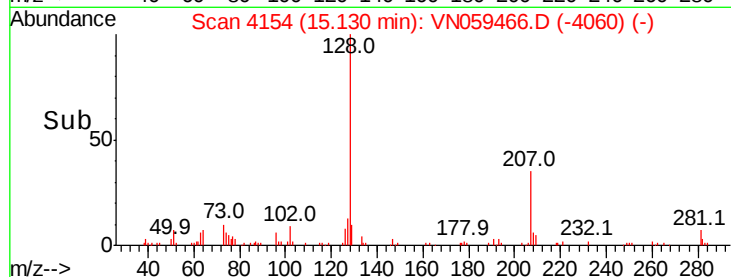
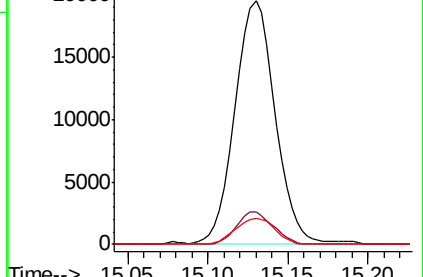
129 10.3 8.8 13.2



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: 2.355 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059466.D

Acq: 3 Dec 2019 13:19

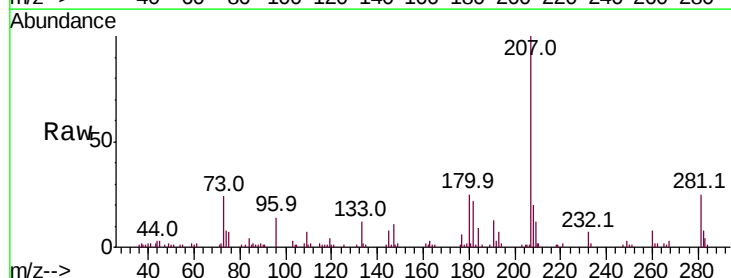
Tgt Ion:180 Resp: 10070

Ion Ratio Lower Upper

180 100

182 91.8 48.5 145.5

145 35.5 16.1 48.2



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

