

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\  
 Data File : VN057815.D  
 Acq On : 9 Sep 2019 20:57  
 Operator : JC/SP  
 Sample : VN0910WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 10 07:10:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 10 03:02:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 308066   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 512117   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 476616   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 269037   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 319504   | 51.21 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.42% |          |
| 35) Dibromofluoromethane    | 7.58  | 113  | 228626   | 48.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.74%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 932435   | 50.81 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.62% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 320877   | 45.88 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.76%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 87435    | 20.523  | ug/l  | 99     |
| 3) Chloromethane              | 2.03 | 50   | 85980    | 19.801  | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.16 | 62   | 92756    | 20.183  | ug/l  | 98     |
| 5) Bromomethane               | 2.54 | 94   | 53670    | 20.349  | ug/l  | 96     |
| 6) Chloroethane               | 2.68 | 64   | 58591    | 20.007  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 2.99 | 101  | 103566   | 17.907  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.39 | 74   | 46860    | 19.426  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101  | 73620    | 20.179  | ug/l  | 98     |
| 10) Methyl Iodide             | 3.93 | 142  | 79352    | 19.545  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.77 | 59   | 69609    | 92.174  | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 3.72 | 96   | 62120    | 18.937  | ug/l  | 99     |
| 13) Acrolein                  | 3.59 | 56   | 59920    | 93.522  | ug/l  | 97     |
| 14) Allyl chloride            | 4.30 | 41   | 115306   | 17.961  | ug/l  | 100    |
| 15) Acrylonitrile             | 4.96 | 53   | 205164   | 98.840  | ug/l  | 98     |
| 16) Acetone                   | 3.80 | 43   | 168527   | 82.391  | ug/l  | 98     |
| 17) Carbon Disulfide          | 4.03 | 76   | 95472    | 18.799  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.30 | 43   | 113696   | 20.847  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.02 | 73   | 283615   | 20.775  | ug/l  | 96     |
| 20) Methylene Chloride        | 4.53 | 84   | 83572    | 20.741  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 5.02 | 96   | 67474    | 19.028  | ug/l  | 93     |
| 22) Diisopropyl ether         | 5.93 | 45   | 301779   | 20.045  | ug/l  | 100    |
| 23) Vinyl Acetate             | 5.87 | 43   | 1092845  | 102.429 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.83 | 63   | 165156   | 20.073  | ug/l  | 99     |
| 25) 2-Butanone                | 6.82 | 43   | 280330   | 94.690  | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 6.81 | 77   | 112657   | 17.302  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96   | 92748    | 19.517  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.18 | 49   | 83136    | 20.225  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.19 | 42   | 179619   | 98.460  | ug/l  | 99     |
| 30) Chloroform                | 7.36 | 83   | 170684   | 19.840  | ug/l  | 96     |
| 31) Cyclohexane               | 7.64 | 56   | 118776   | 19.835  | ug/l  | 93     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97   | 132874   | 19.474  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 7.78 | 75   | 109677   | 18.467  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.91 | 43   | 113650   | 18.521  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.76 | 117  | 101615   | 18.740  | ug/l  | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\  
 Data File : VN057815.D  
 Acq On : 9 Sep 2019 20:57  
 Operator : JC/SP  
 Sample : VN0910WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 10 07:10:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 10 03:02:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 113787   | 18.225  | ug/l   | 95       |
| 40) Benzene                    | 8.03  | 78   | 346830   | 19.397  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.15  | 41   | 56175    | 20.167  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 138317   | 19.342  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.15  | 43   | 199864   | 19.368  | ug/l # | 92       |
| 44) Trichloroethene            | 8.83  | 130  | 81510    | 18.586  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 103200   | 19.835  | ug/l   | 97       |
| 46) Dibromomethane             | 9.20  | 93   | 62042    | 19.733  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 120811   | 19.242  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.19  | 41   | 98120    | 18.744  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 30058    | 339.555 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 636031   | 104.154 | ug/l   | 100      |
| 52) Toluene                    | 10.15 | 92   | 217546   | 19.317  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 119971   | 18.145  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 136578   | 18.710  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 93761    | 19.654  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 138260   | 19.246  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 158133   | 19.235  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 337624   | 99.784  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 445244   | 97.275  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 82115    | 18.537  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 87958    | 19.503  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 67320    | 19.130  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 242529   | 19.444  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 83121    | 19.205  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 438063   | 20.039  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 314753   | 39.308  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 156636   | 19.677  | ug/l   | 99       |
| 70) Styrene                    | 11.97 | 104  | 272535   | 19.893  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 49225    | 18.242  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 437089   | 20.937  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 180012   | 19.813  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 140692   | 20.016  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 164149   | 26.971  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 98938    | 19.008  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 499427   | 20.833  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 299078   | 19.739  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 368007   | 20.863  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 29392    | 16.995  | ug/l   | 88       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 310739   | 19.971  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.00 | 119  | 317901   | 20.275  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 372874   | 20.799  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 430514   | 20.715  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 380570   | 20.783  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.29 | 146  | 182323   | 19.084  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 186498   | 19.232  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 347177   | 20.077  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 51413    | 18.879  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 188094   | 19.707  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.28 | 75   | 22195    | 19.120  | ug/l   | 97       |

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Data File : VN057815.D  
Acq On : 9 Sep 2019 20:57  
Operator : JC/SP  
Sample : VN0910WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 19 Sample Multiplier: 1

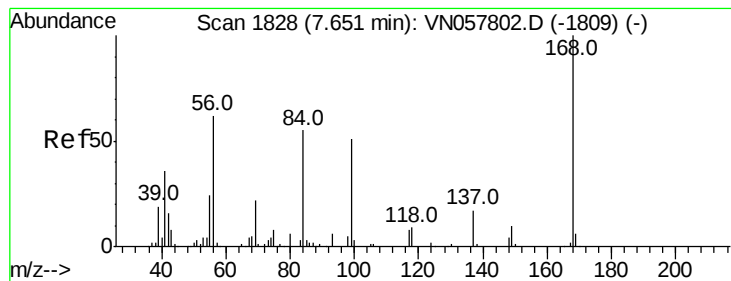
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 10 07:10:34 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 10 03:02:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 109793   | 17.599 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 48594    | 18.375 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 323169   | 19.563 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 105952   | 20.064 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

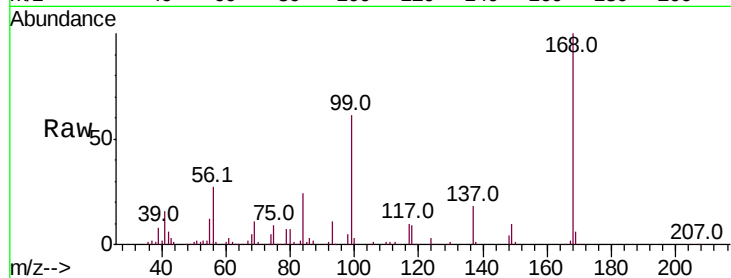
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 308066

Ion Ratio Lower Upper

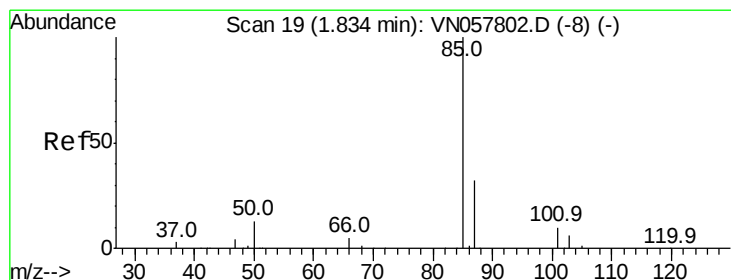
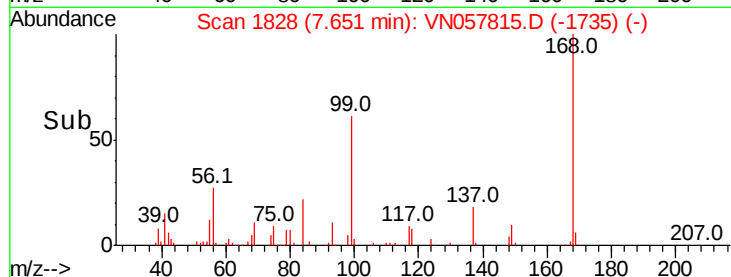
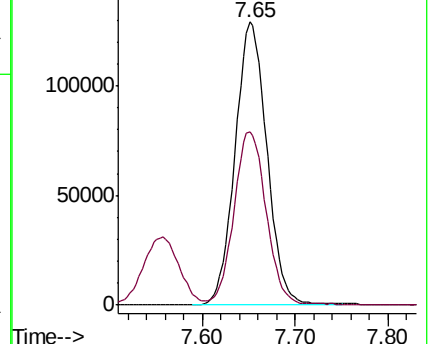
168 100

99 61.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.523 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057815.D

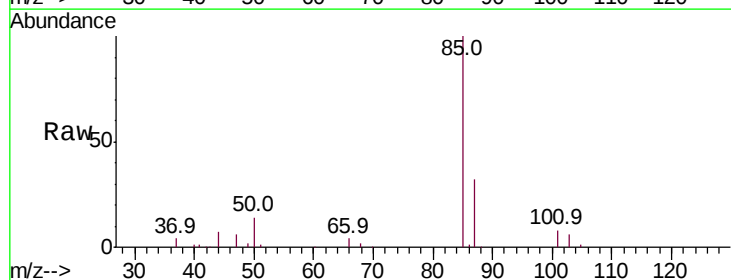
Acq: 9 Sep 2019 20:57

Tgt Ion: 85 Resp: 87435

Ion Ratio Lower Upper

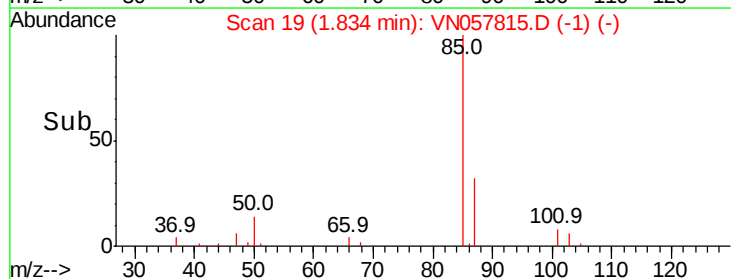
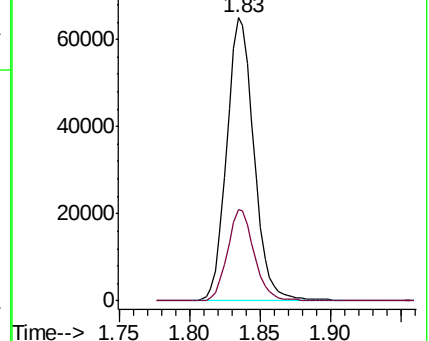
85 100

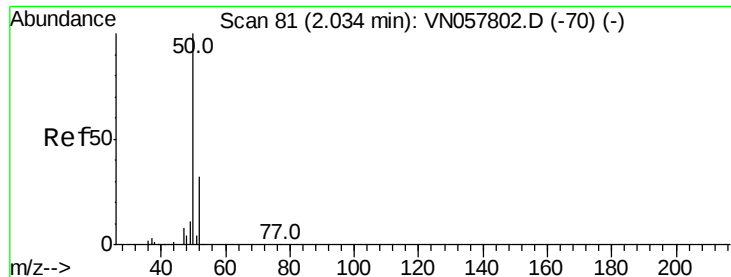
87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.801 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

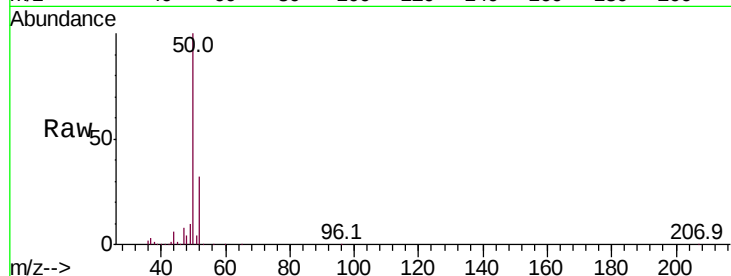
ClientSampleId :

Tot Ion: 50 Resp: 85980

Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN057802.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN057815.D (-1) (-)

2.03

80000

60000

40000

20000

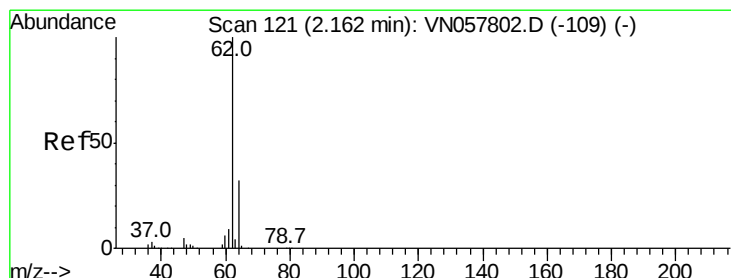
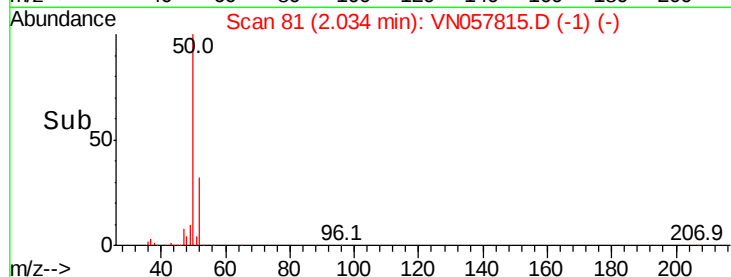
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Time-->

2.00

2.05

2.10



#4

Vinyl Chloride

Concen: 20.183 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057815.D

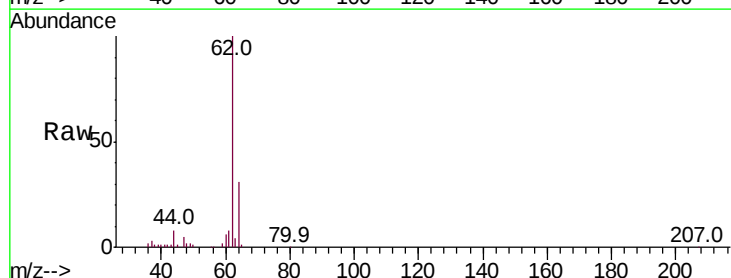
Acq: 9 Sep 2019 20:57

Tgt Ion: 62 Resp: 92756

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN057802.D (-109) (-)

Ion 63.90 (63.60 to 64.60): VN057815.D (-28) (-)

2.16

60000

40000

20000

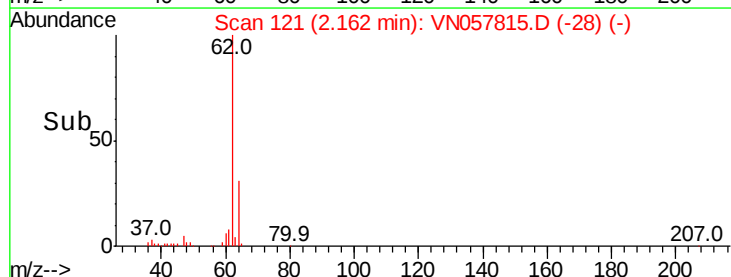
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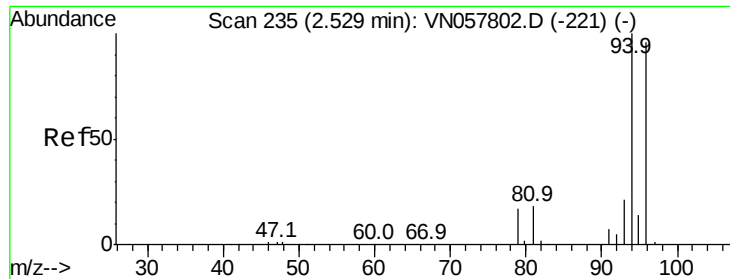
Time-->

2.10

2.15

2.20

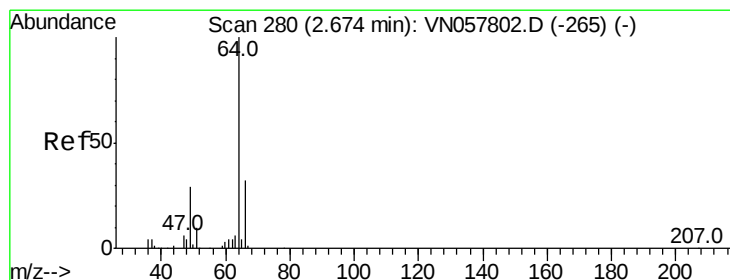
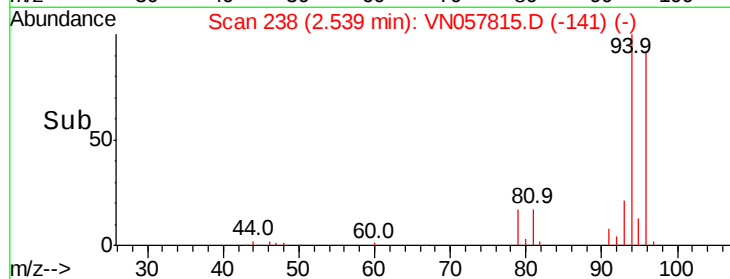
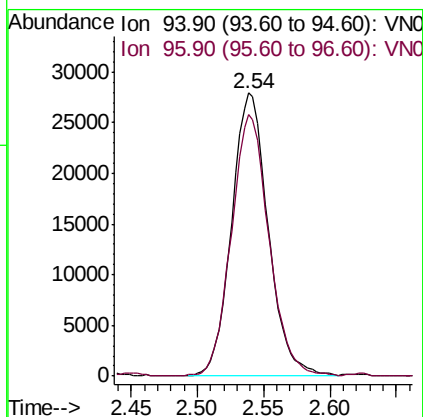
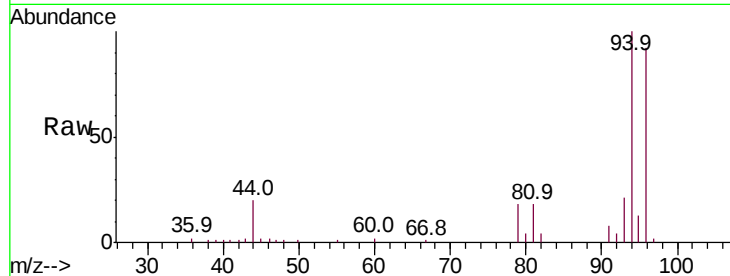




#5  
Bromomethane  
Concen: 20.349 ug/l  
RT: 2.54 min Scan# 238  
Delta R.T. 0.01 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

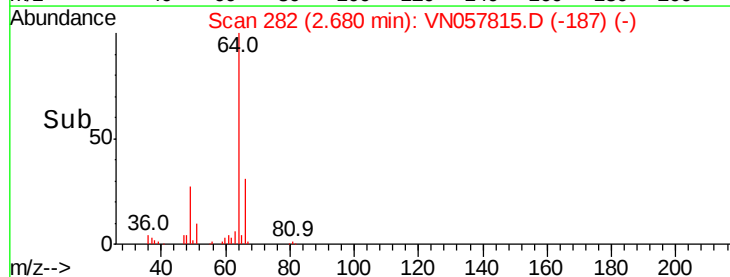
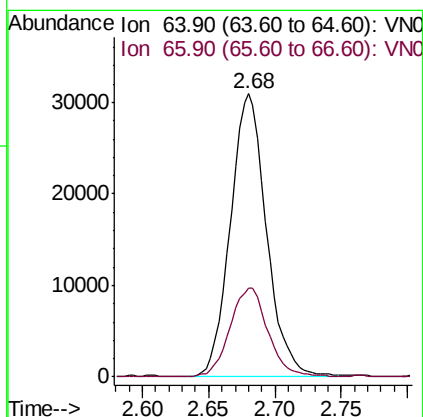
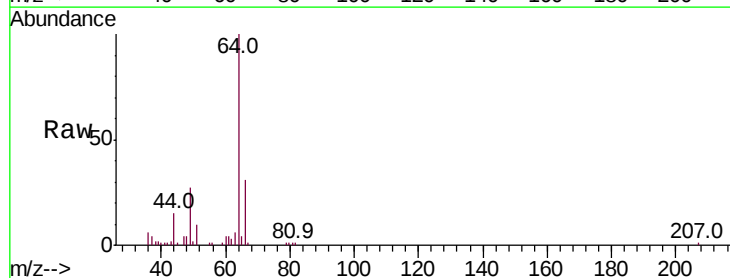
Instrument :  
MSVOA\_N  
ClientSampled :

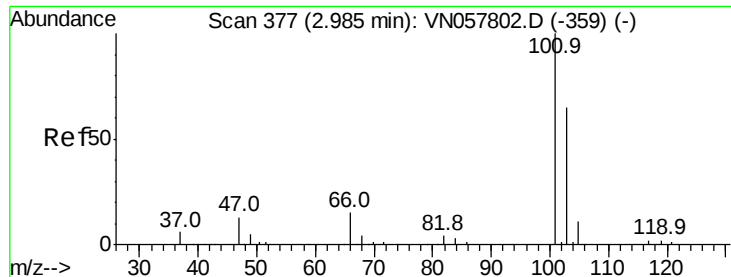
Tot Ion: 94 Resp: 53670  
Ion Ratio Lower Upper  
94 100  
96 92.4 77.0 115.4



#6  
Chloroethane  
Concen: 20.007 ug/l  
RT: 2.68 min Scan# 282  
Delta R.T. 0.01 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 64 Resp: 58591  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.5 38.3



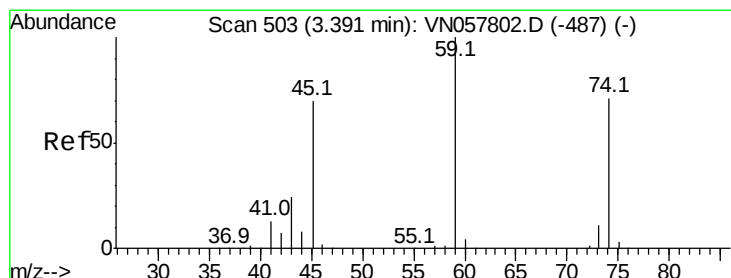
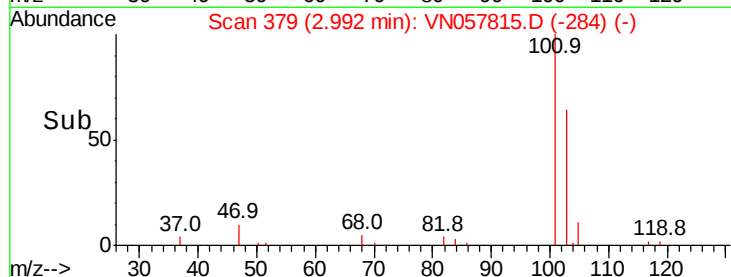
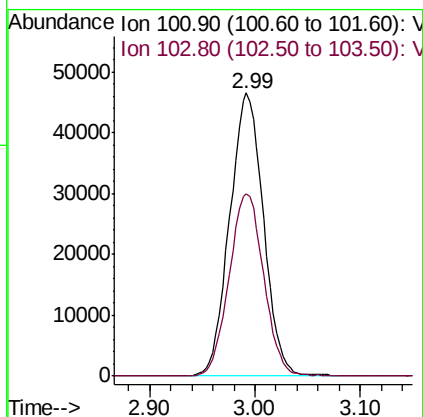
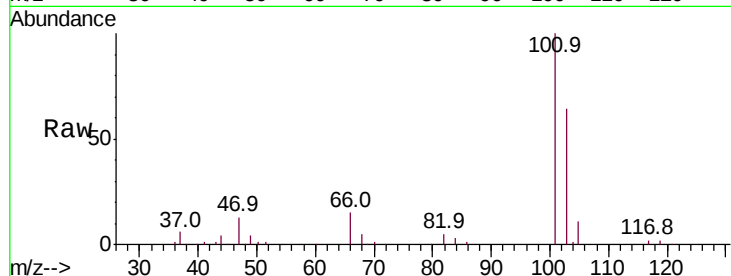


#7

Trichlorofluoromethane  
 Concen: 17.907 ug/l  
 RT: 2.99 min Scan# 379  
 Delta R.T. 0.01 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Instrument :  
 MSVOA\_N  
 ClientSampled :

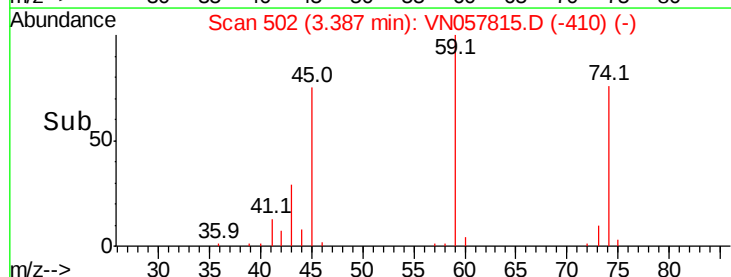
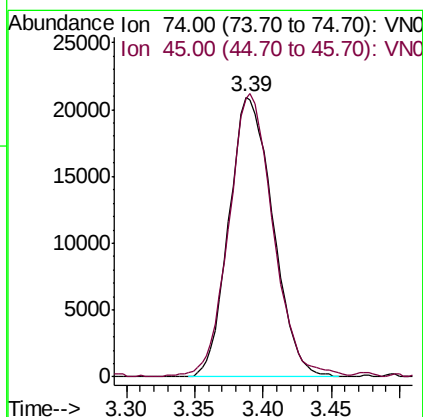
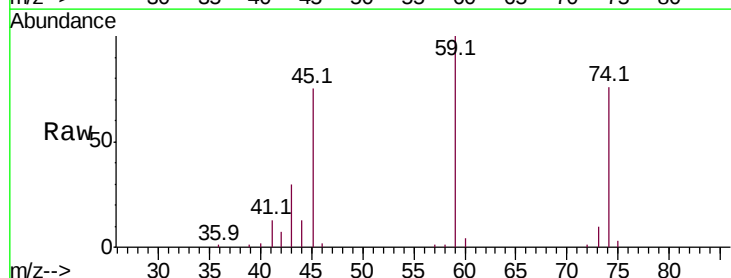
Tot Ion:101 Resp: 103566  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 51.9 77.9

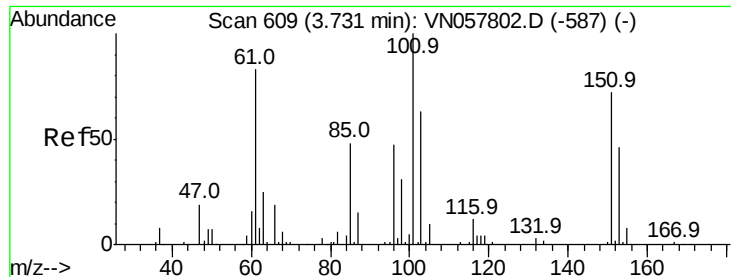


#8

Diethyl Ether  
 Concen: 19.426 ug/l  
 RT: 3.39 min Scan# 502  
 Delta R.T. -0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Tgt Ion: 74 Resp: 46860  
 Ion Ratio Lower Upper  
 74 100  
 45 102.2 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.179 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

ClientSampleId :

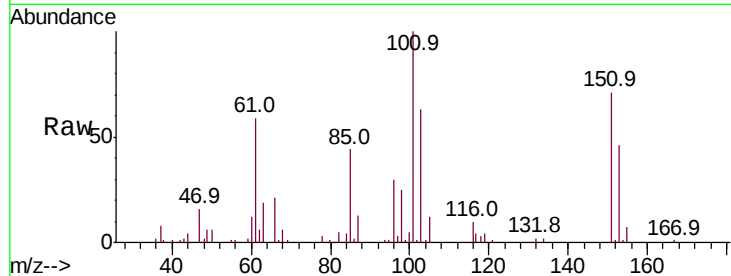
Tot Ion:101 Resp: 73620

Ion Ratio Lower Upper

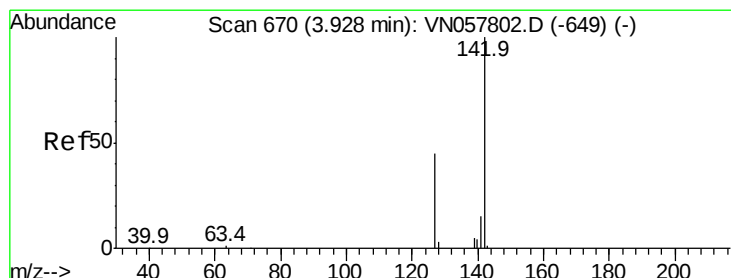
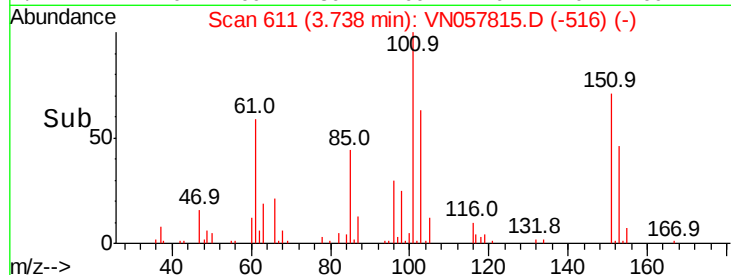
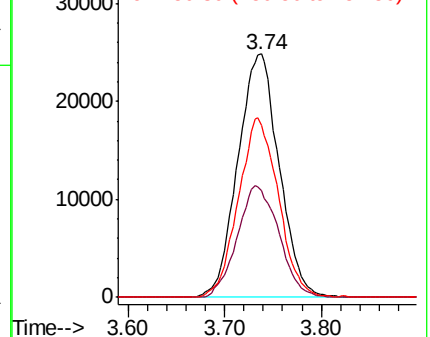
101 100

85 46.1 38.1 57.1

151 71.3 58.4 87.6



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: 19.545 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

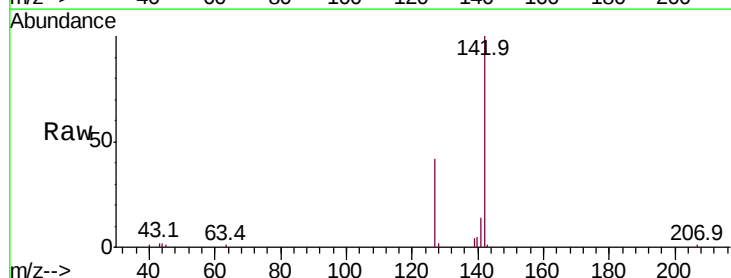
Tgt Ion:142 Resp: 79352

Ion Ratio Lower Upper

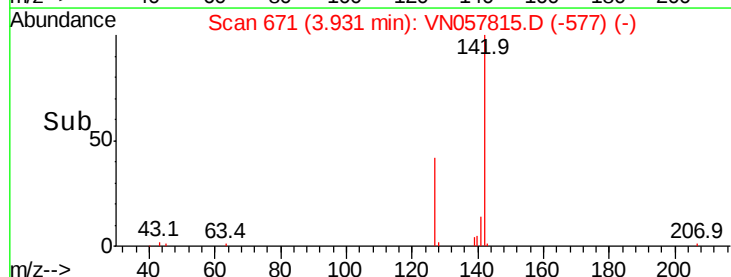
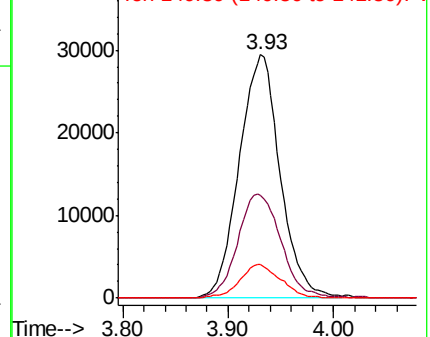
142 100

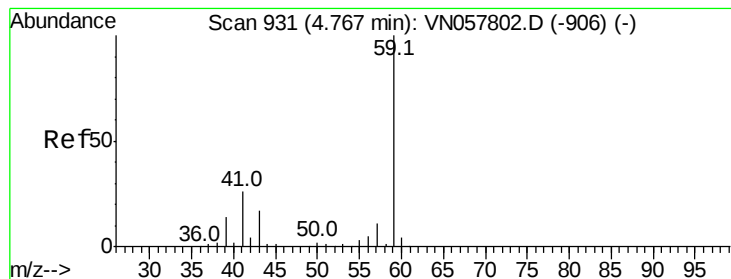
127 45.2 36.7 55.1

141 13.8 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



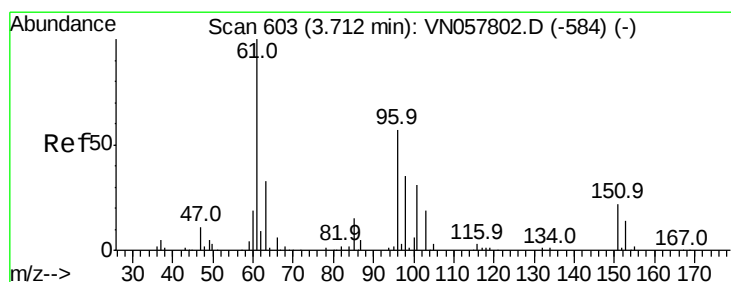
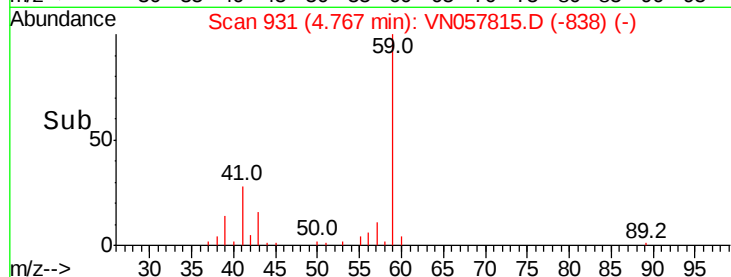
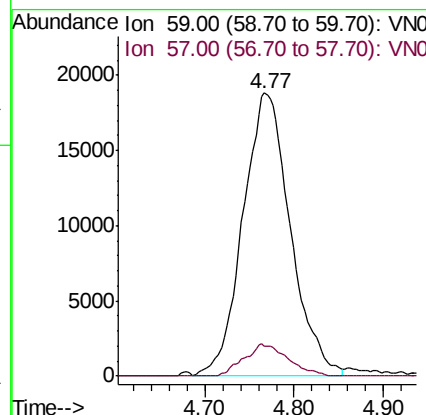
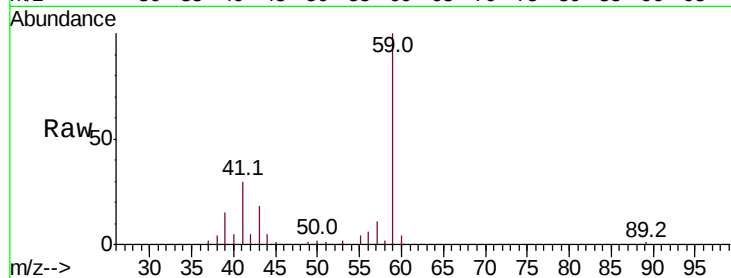


#11

Tert butyl alcohol  
 Concen: 92.174 ug/l  
 RT: 4.77 min Scan# 931  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Instrument :  
 MSVOA\_N  
 ClientSampleId :

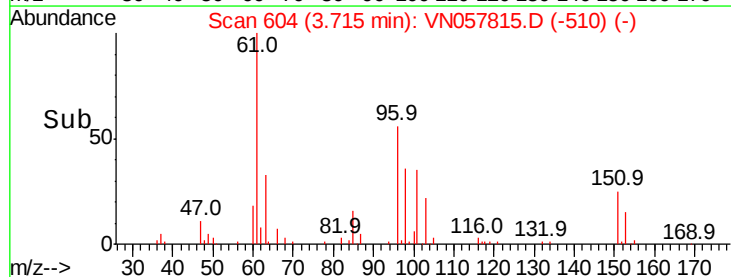
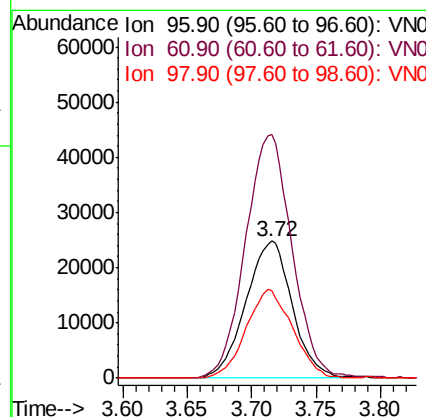
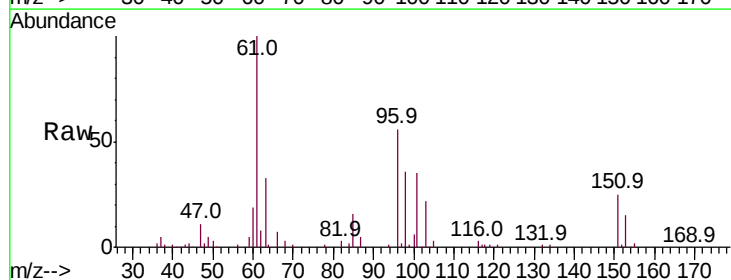
Tot Ion: 59 Resp: 69609  
 Ion Ratio Lower Upper  
 59 100  
 57 10.5 8.4 12.6

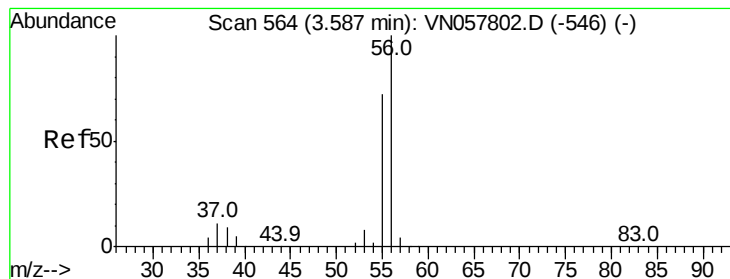


#12

1,1-Dichloroethene  
 Concen: 18.937 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Tgt Ion: 96 Resp: 62120  
 Ion Ratio Lower Upper  
 96 100  
 61 177.6 141.2 211.8  
 98 63.5 49.9 74.9





#13

Acrolein

Concen: 93.522 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

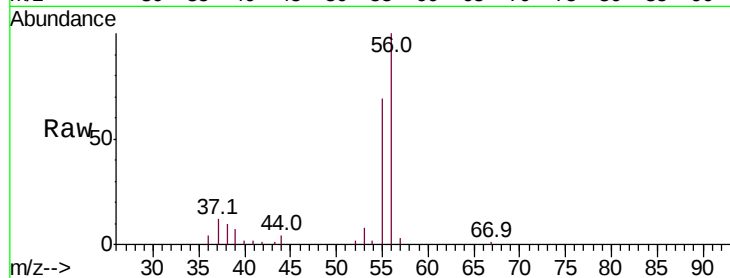
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 59920

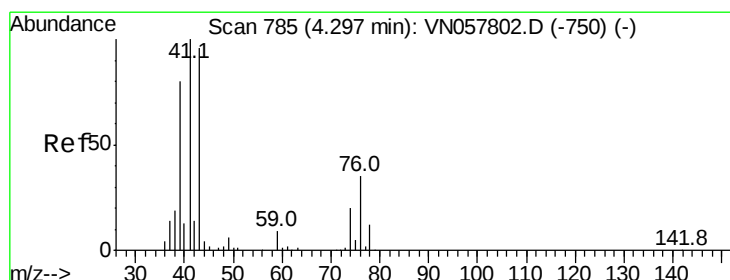
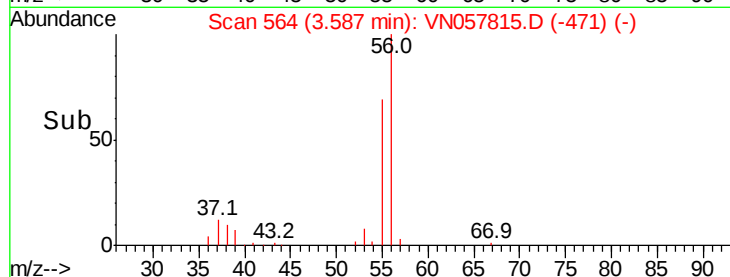
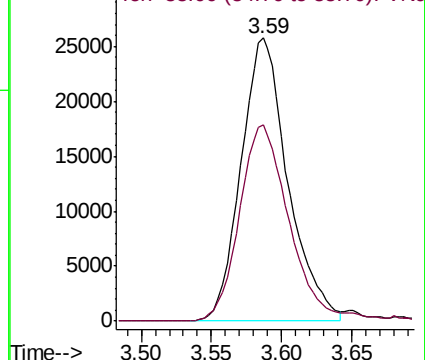
Ion Ratio Lower Upper

56 100

55 73.8 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 17.961 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

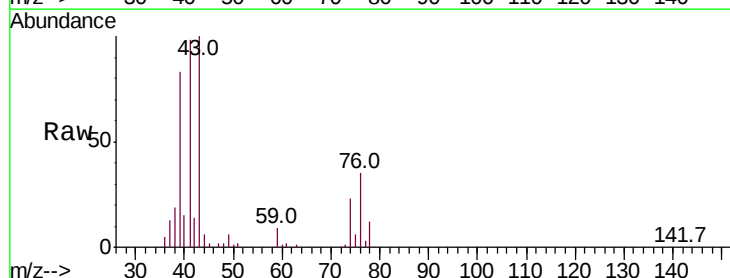
Tgt Ion: 41 Resp: 115306

Ion Ratio Lower Upper

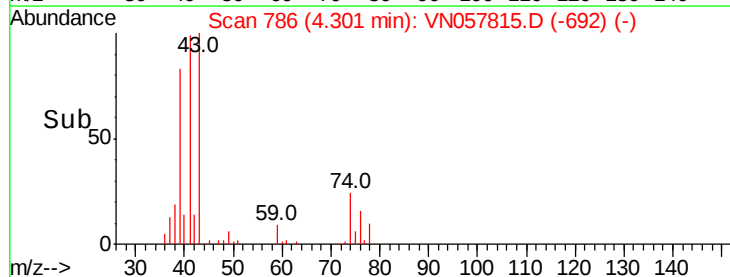
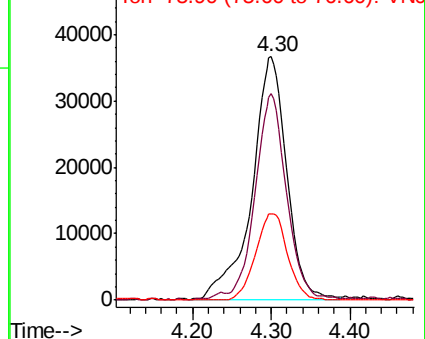
41 100

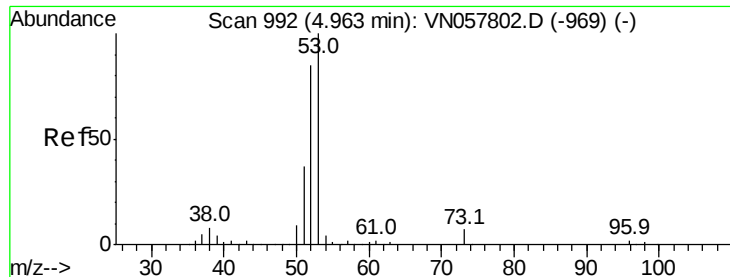
39 74.2 59.4 89.2

76 32.5 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 98.840 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :  
MSVOA\_N  
ClientSampled :

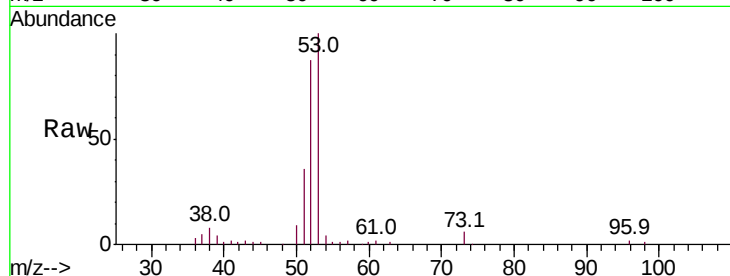
Tot Ion: 53 Resp: 205164

Ion Ratio Lower Upper

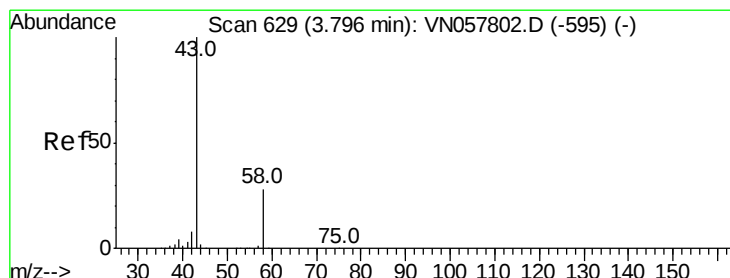
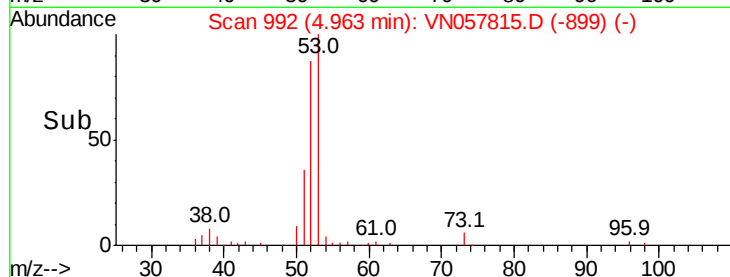
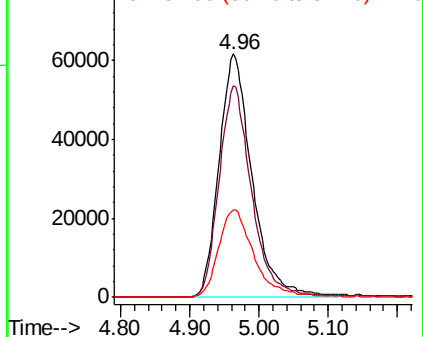
53 100

52 85.2 66.6 100.0

51 37.8 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0  
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 82.391 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057815.D

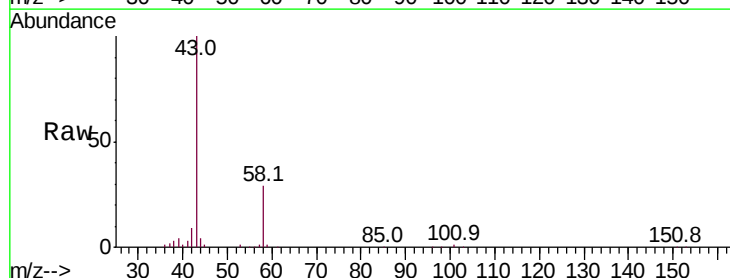
Acq: 9 Sep 2019 20:57

Tgt Ion: 43 Resp: 168527

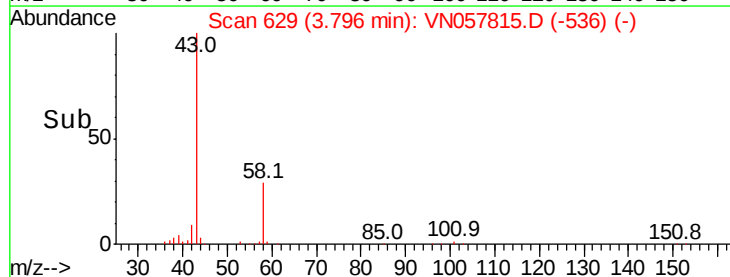
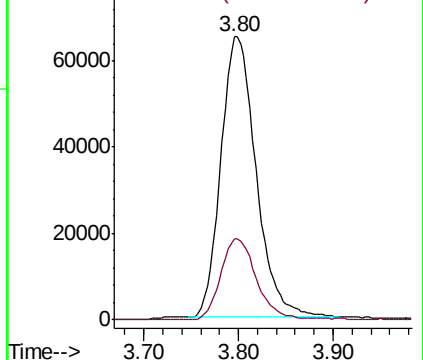
Ion Ratio Lower Upper

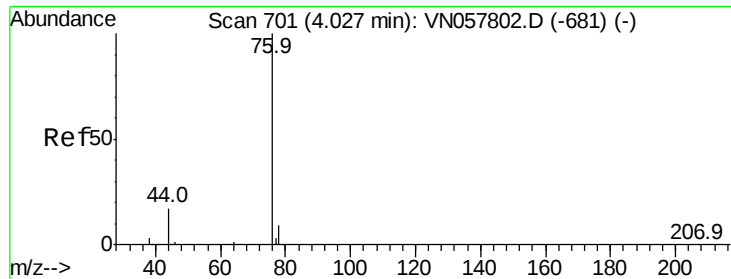
43 100

58 28.9 22.2 33.2



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

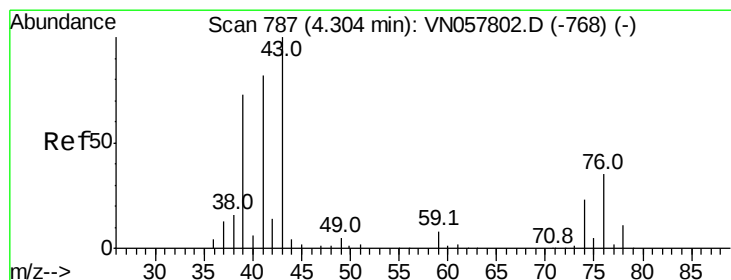
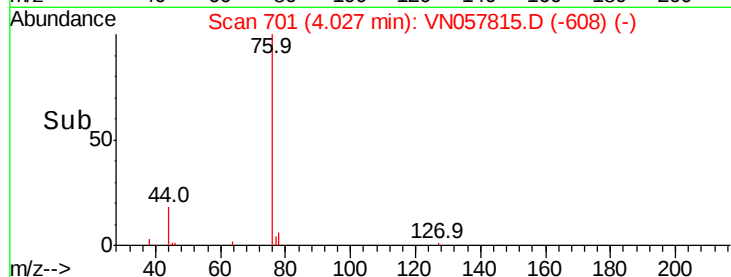
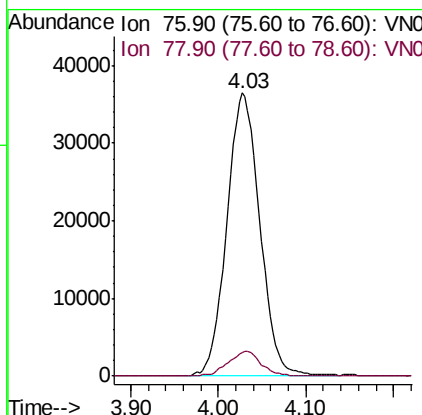
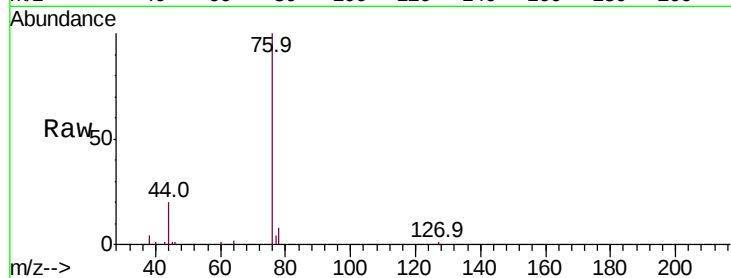




#17  
Carbon Disulfide  
Concen: 18.799 ug/l  
RT: 4.03 min Scan# 701  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

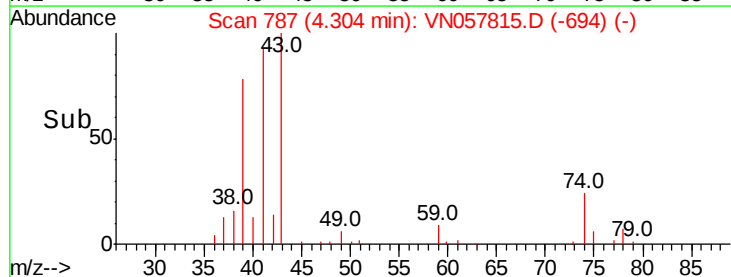
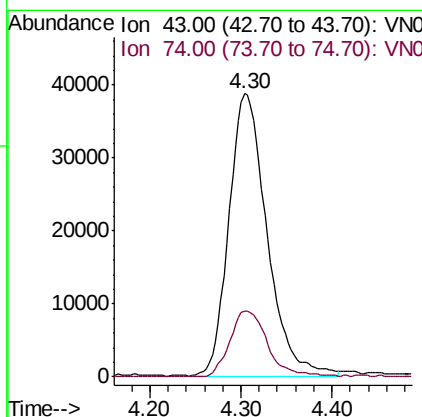
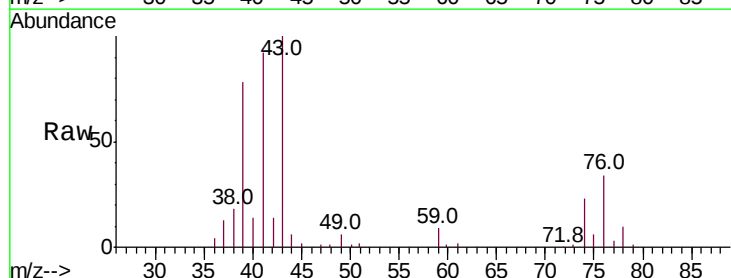
Instrument :  
MSVOA\_N  
ClientSampled :

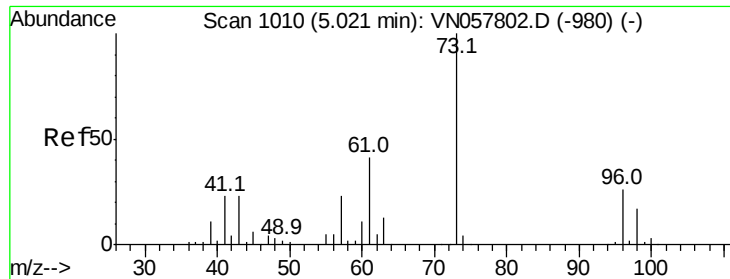
Tot Ion: 76 Resp: 95472  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.1 10.7



#18  
Methyl Acetate  
Concen: 20.847 ug/l  
RT: 4.30 min Scan# 787  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 43 Resp: 113696  
Ion Ratio Lower Upper  
43 100  
74 23.0 17.9 26.9

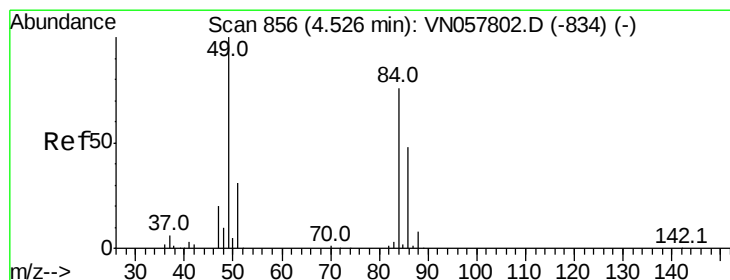
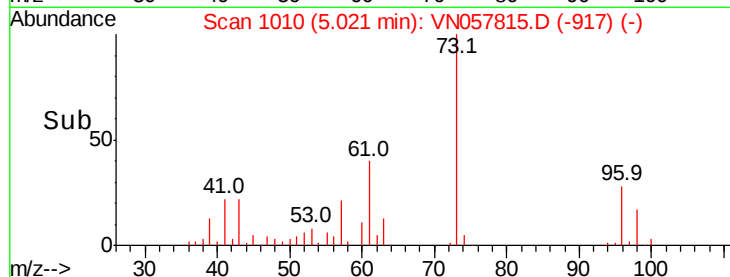
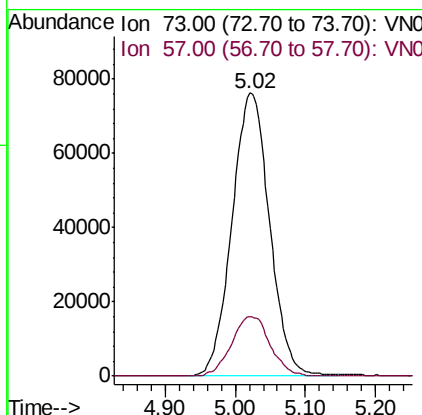
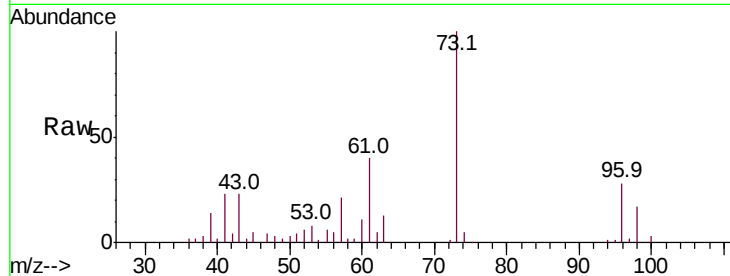




#19  
Methvl tert-butvl Ether  
Concen: 20.775 ug/l  
RT: 5.02 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

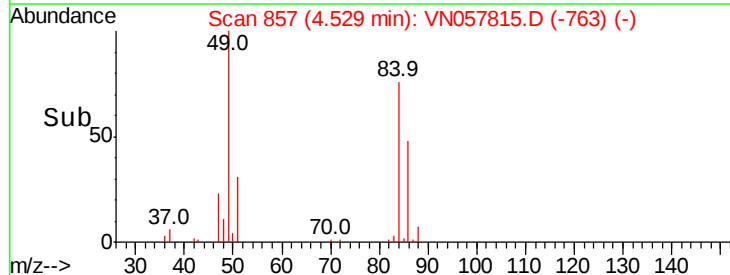
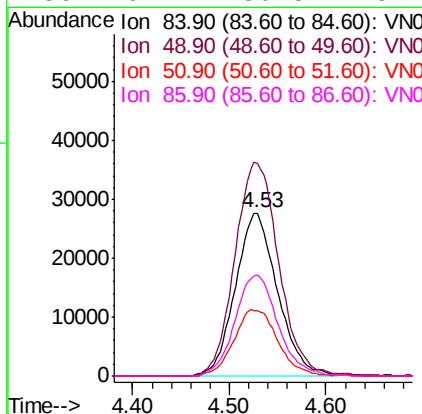
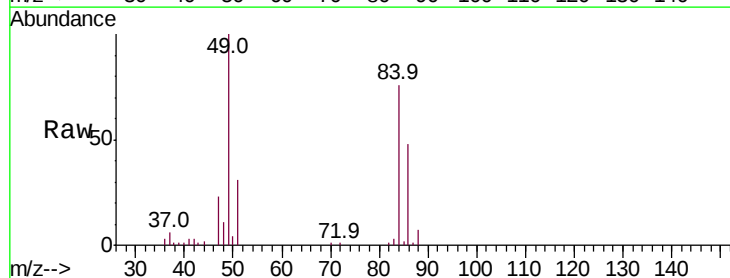
Instrument :  
MSVOA\_N  
ClientSampleId :

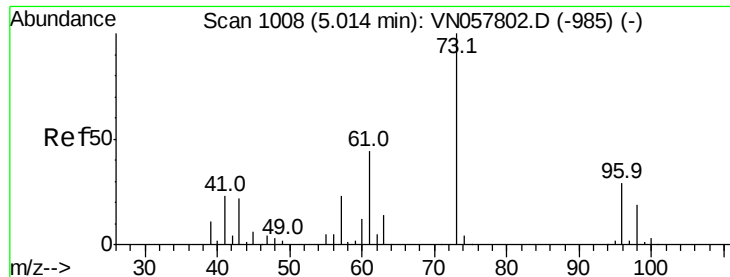
Tot Ion: 73 Resp: 283615  
Ion Ratio Lower Upper  
73 100  
57 21.0 18.2 27.2



#20  
Methylene Chloride  
Concen: 20.741 ug/l  
RT: 4.53 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 84 Resp: 83572  
Ion Ratio Lower Upper  
84 100  
49 130.8 104.8 157.2  
51 39.9 33.0 49.4  
86 62.4 50.5 75.7

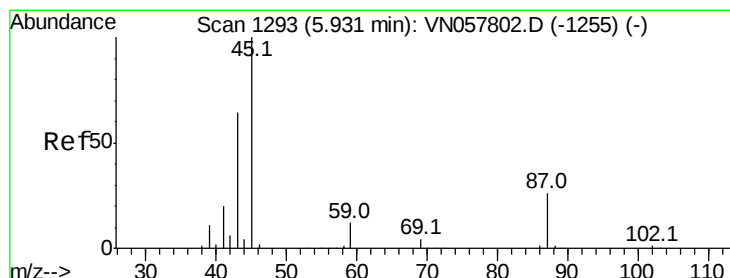
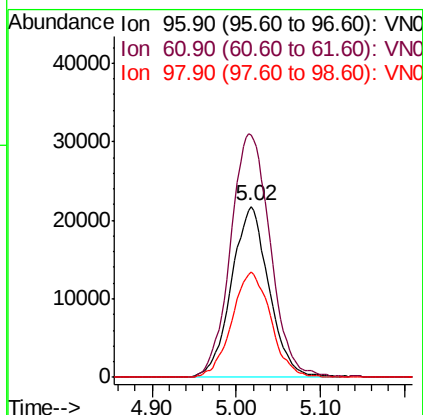
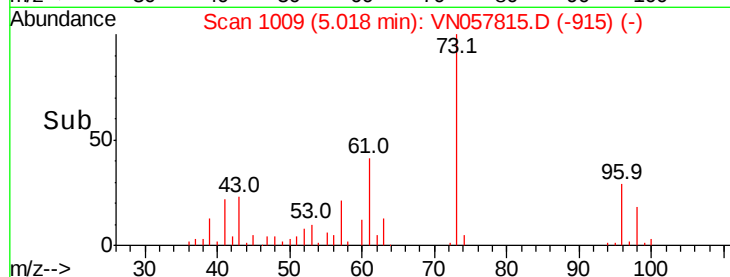
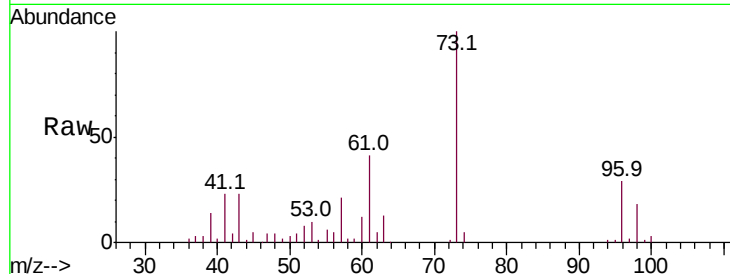




#21  
trans-1,2-Dichloroethene  
Concen: 19.028 ug/l  
RT: 5.02 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

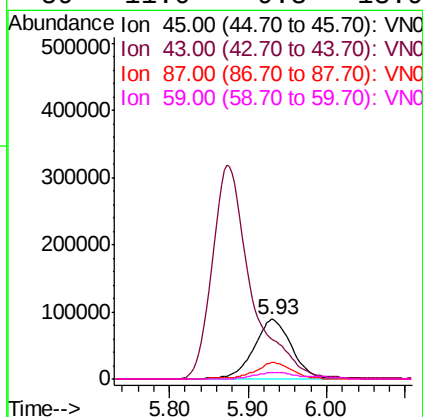
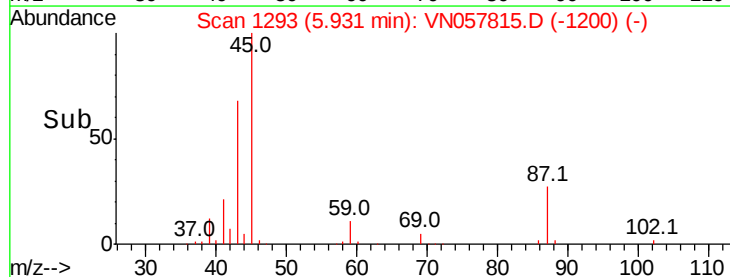
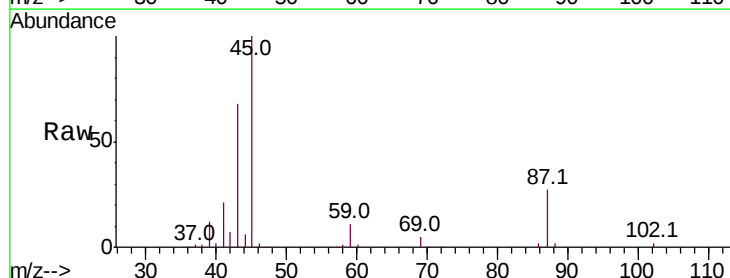
Instrument :  
MSVOA\_N  
ClientSampleId :

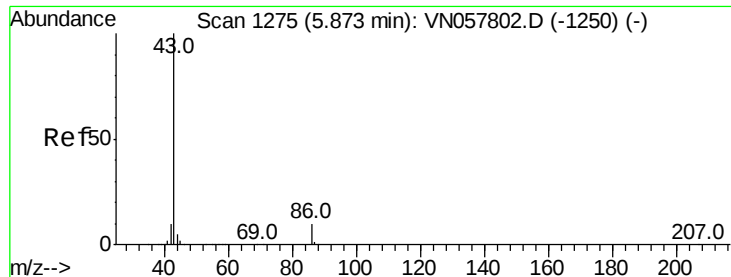
Tot Ion: 96 Resp: 67474  
Ion Ratio Lower Upper  
96 100  
61 141.9 121.9 182.9  
98 61.6 52.2 78.4



#22  
Diisopropyl ether  
Concen: 20.045 ug/l  
RT: 5.93 min Scan# 1293  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 45 Resp: 301779  
Ion Ratio Lower Upper  
45 100  
43 64.2 51.4 77.2  
87 26.6 21.3 31.9  
59 11.0 9.3 13.9

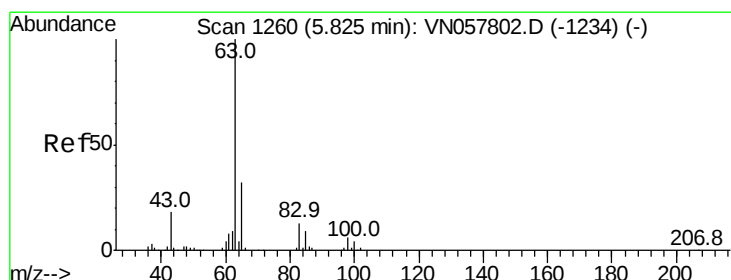
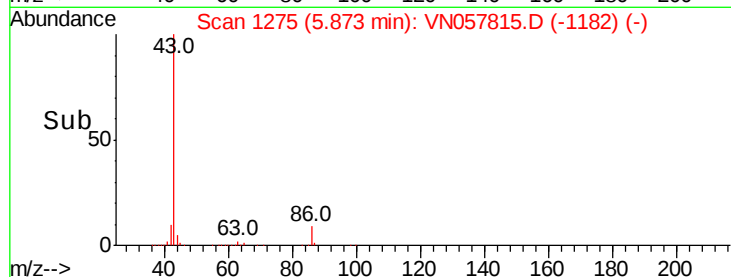
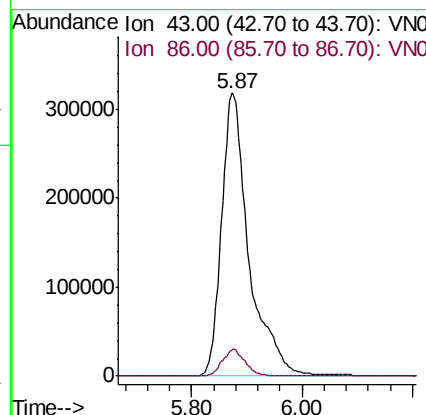
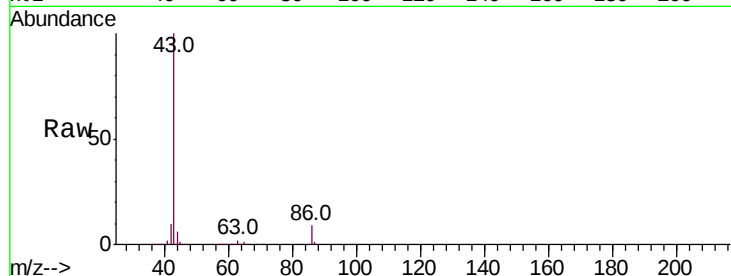




#23  
 Vinyl Acetate  
 Concen: 102.429 ug/l  
 RT: 5.87 min Scan# 1275  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

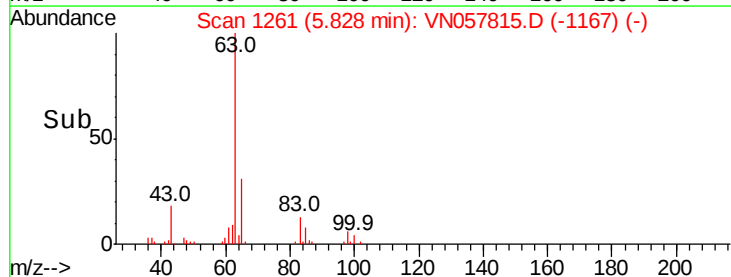
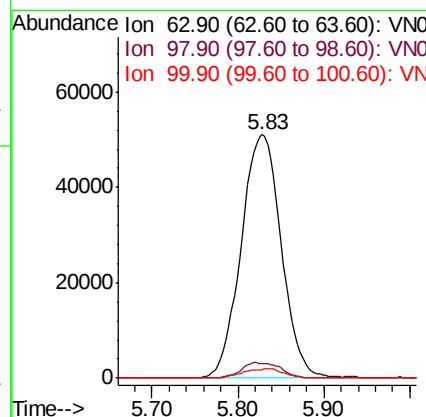
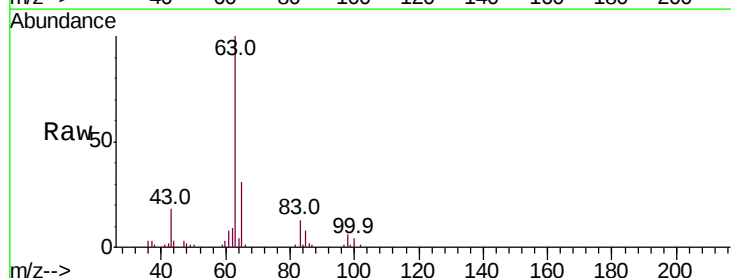
Instrument :  
 MSVOA\_N  
 ClientSampleId :

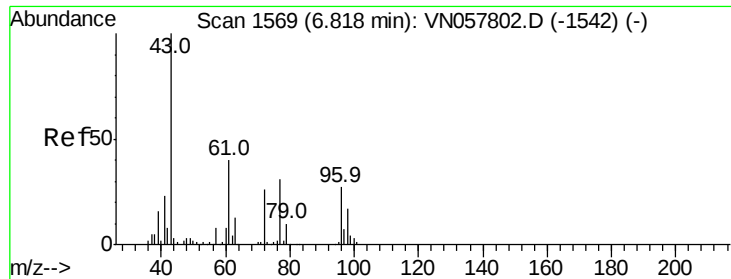
Tot Ion: 43 Resp: 1092845  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 7.7 11.5



#24  
 1,1-Dichloroethane  
 Concen: 20.073 ug/l  
 RT: 5.83 min Scan# 1261  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Tgt Ion: 63 Resp: 165156  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 3.0 9.2  
 100 3.5 2.0 5.8

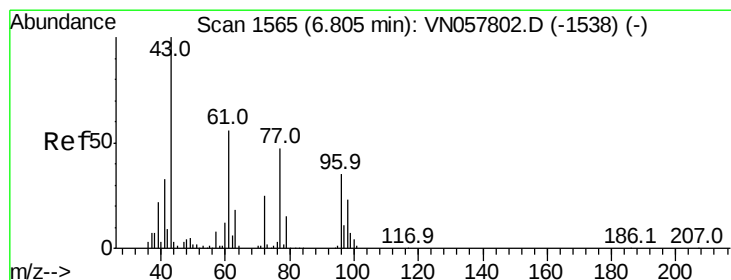
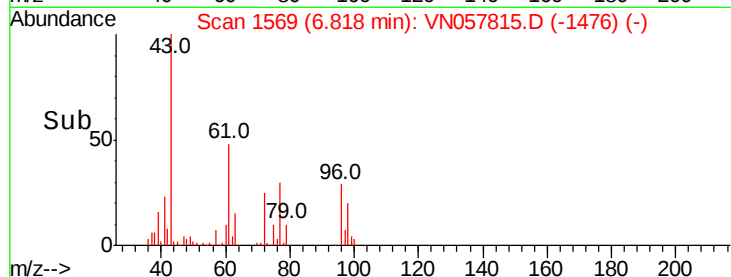
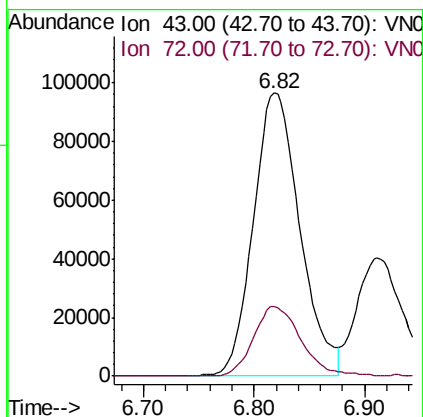
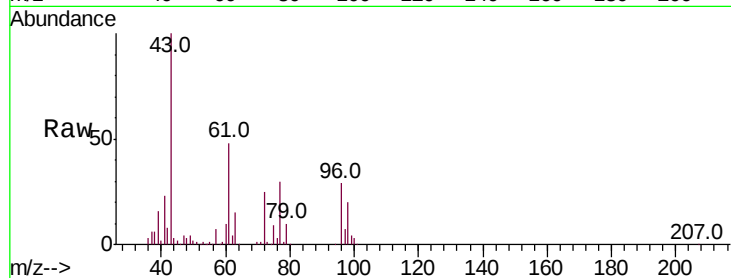




#25  
2-Butanone  
Concen: 94.690 ug/l  
RT: 6.82 min Scan# 1569  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

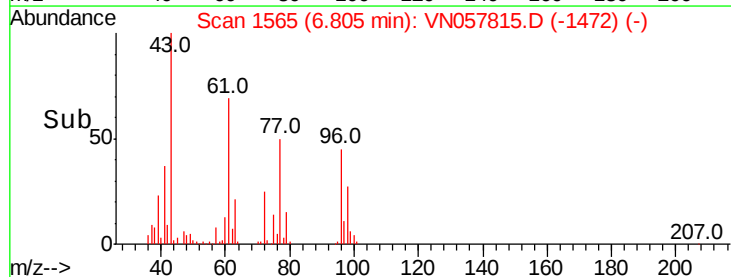
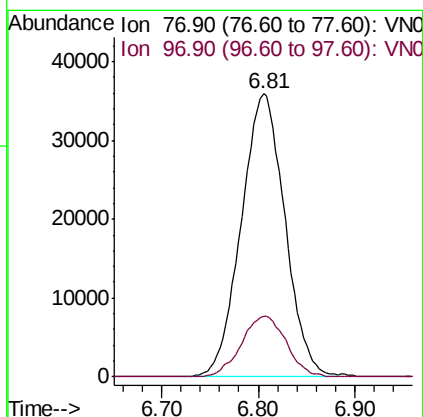
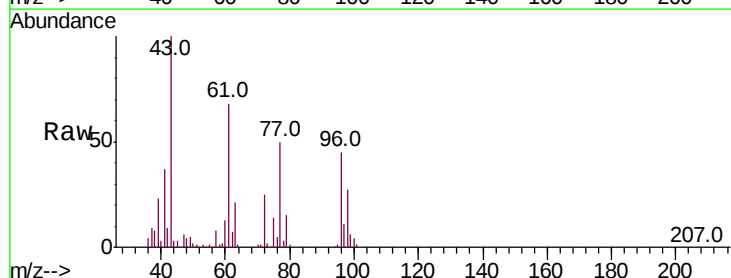
Instrument :  
MSVOA\_N  
ClientSampleId :

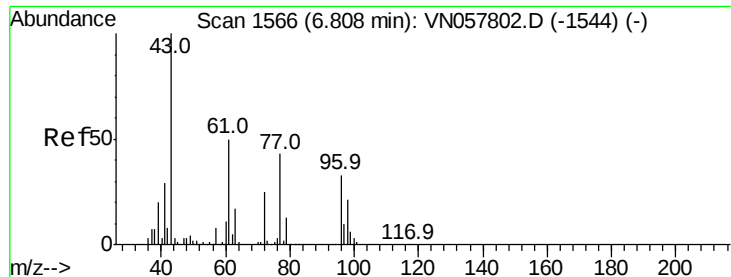
Tot Ion: 43 Resp: 280330  
Ion Ratio Lower Upper  
43 100  
72 24.8 20.6 30.8



#26  
2,2-Dichloropropane  
Concen: 17.302 ug/l  
RT: 6.81 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 77 Resp: 112657  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 19.517 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :  
MSVOA\_N  
ClientSampleId :

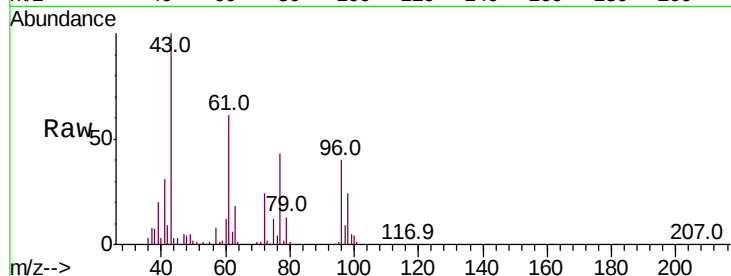
Tot Ion: 96 Resp: 92748

Ion Ratio Lower Upper

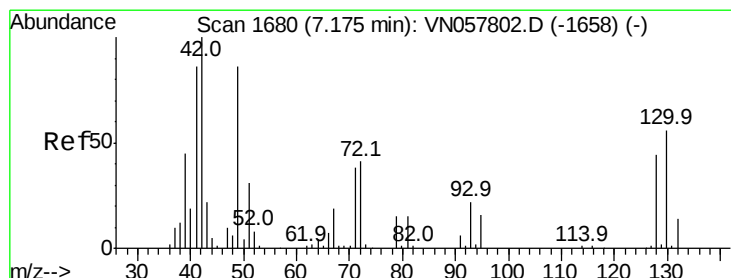
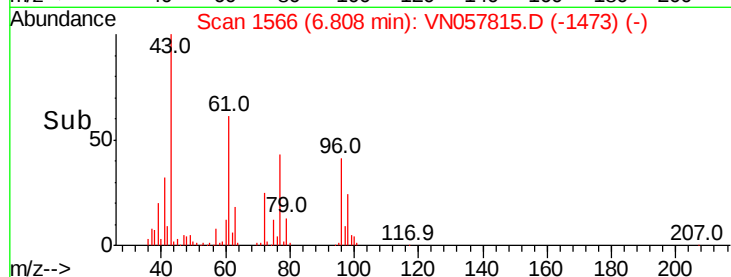
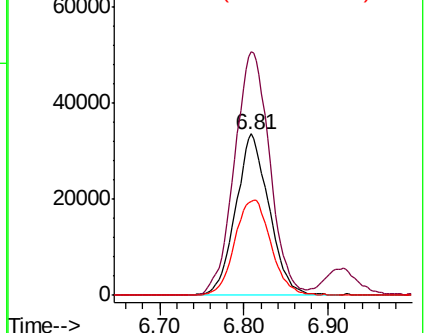
96 100

61 158.9 0.0 314.0

98 63.6 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.225 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

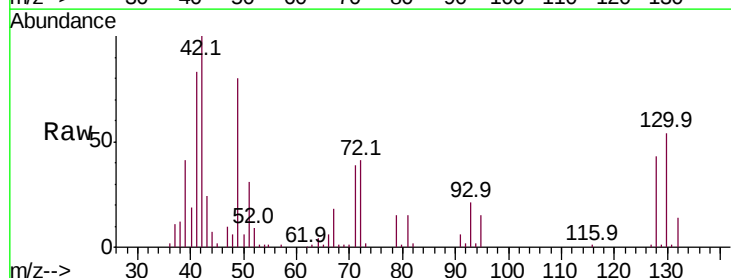
Tgt Ion: 49 Resp: 83136

Ion Ratio Lower Upper

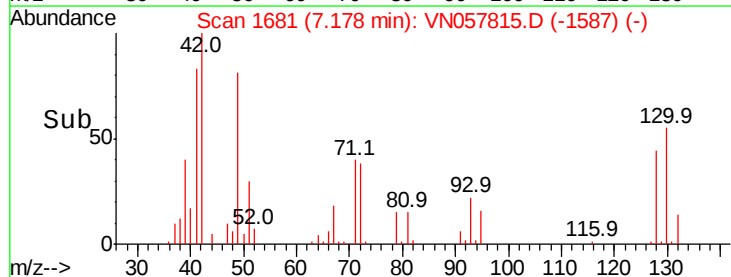
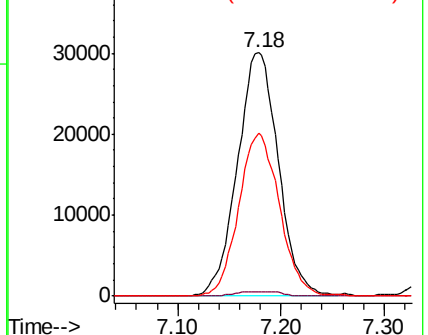
49 100

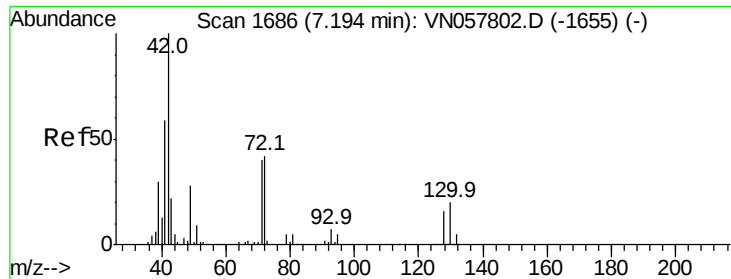
129 1.2 0.0 3.8

130 66.4 53.0 79.6



Abundance Ion 48.90 (48.60 to 49.60): VN0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V

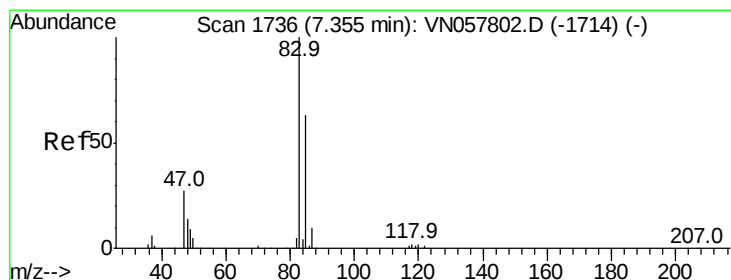
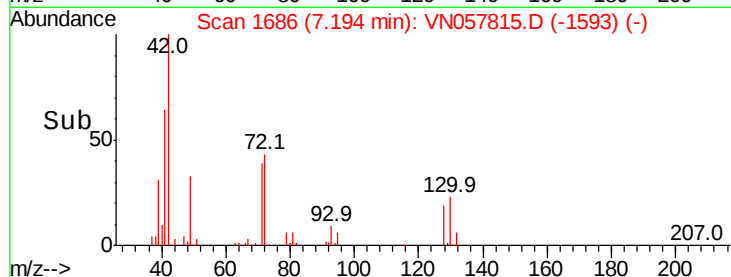
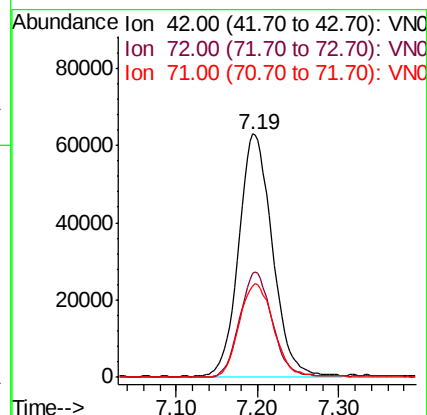
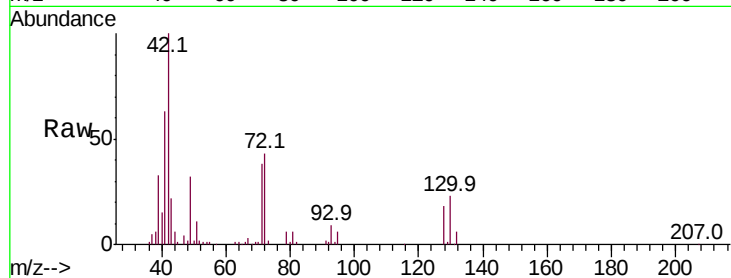




#29  
Tetrahydrofuran  
Concen: 98.460 ug/l  
RT: 7.19 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

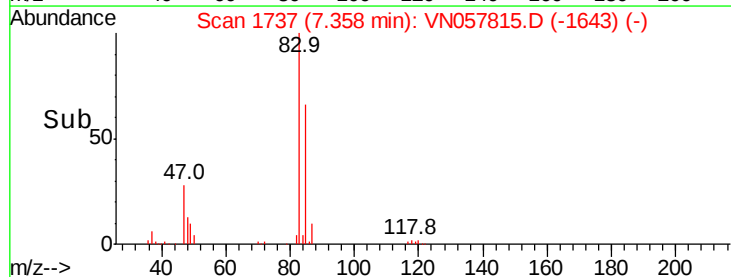
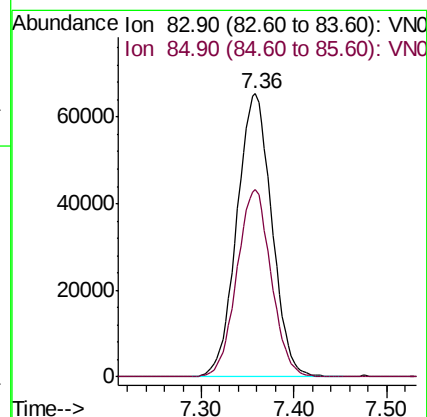
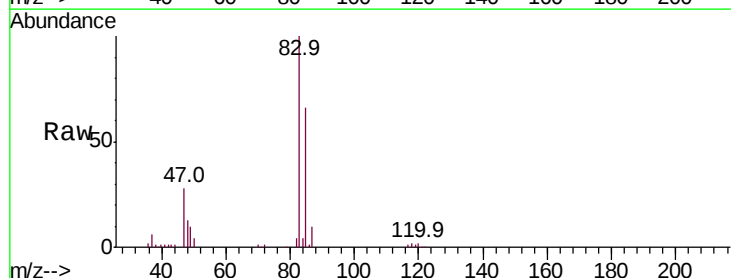
Instrument :  
MSVOA\_N  
ClientSampled :

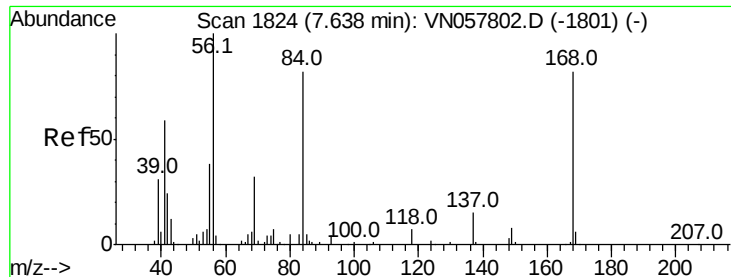
Tot Ion: 42 Resp: 179619  
Ion Ratio Lower Upper  
42 100  
72 41.5 33.7 50.5  
71 39.3 31.9 47.9



#30  
Chloroform  
Concen: 19.840 ug/l  
RT: 7.36 min Scan# 1737  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 83 Resp: 170684  
Ion Ratio Lower Upper  
83 100  
85 66.3 50.6 75.8

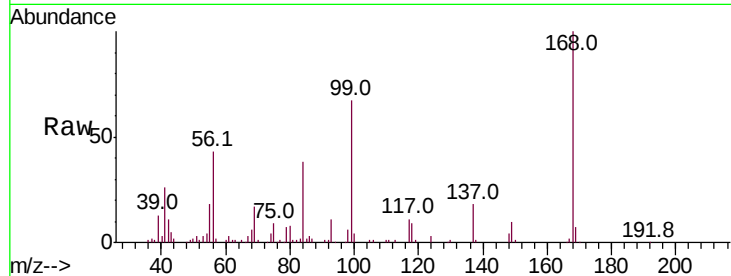




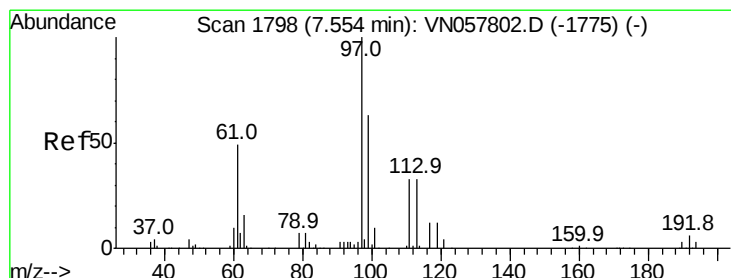
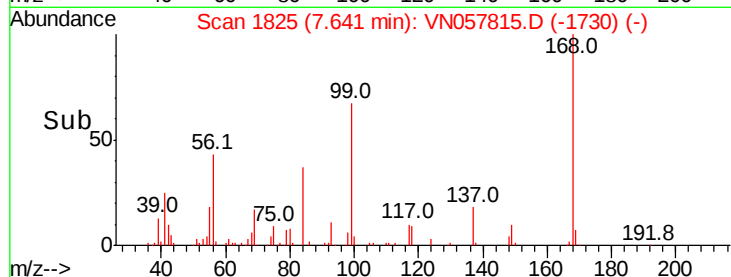
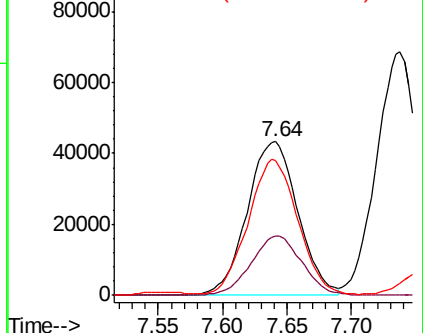
#31  
Cyclohexane  
Concen: 19.835 ug/l  
RT: 7.64 min Scan# 1825  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 118776  
Ion Ratio Lower Upper  
56 100  
69 38.7 25.9 38.9  
84 86.8 65.6 98.4

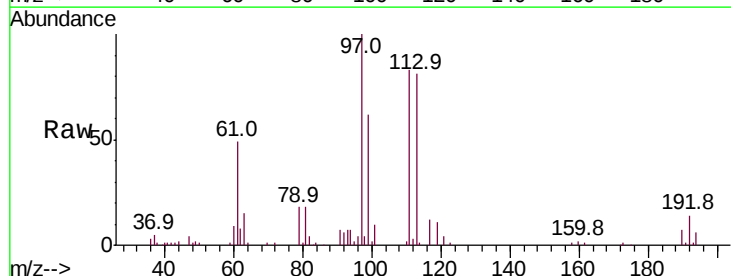


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

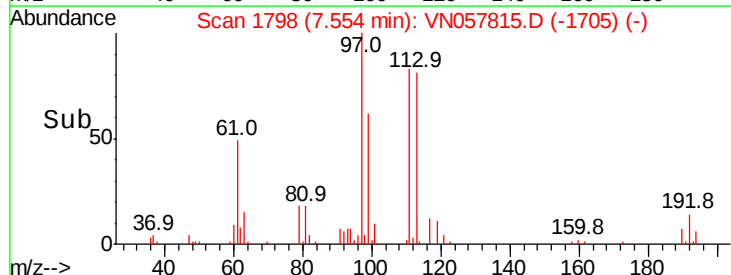
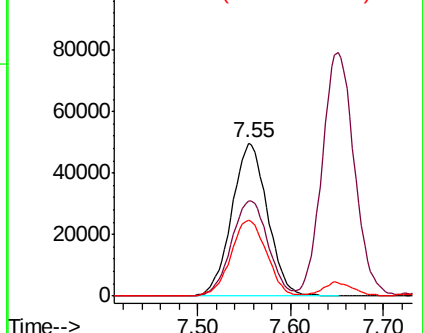


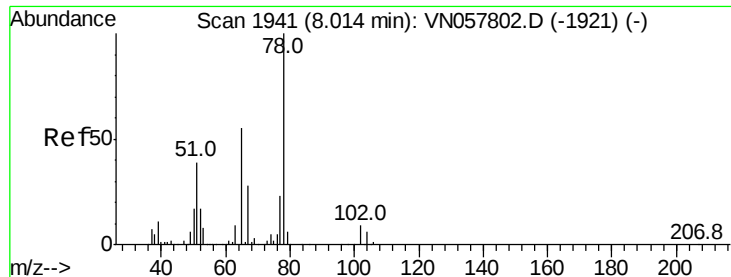
#32  
1,1,1-Trichloroethane  
Concen: 19.474 ug/l  
RT: 7.55 min Scan# 1798  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 97 Resp: 132874  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.0 76.4  
61 49.5 39.0 58.6



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: 51.206 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

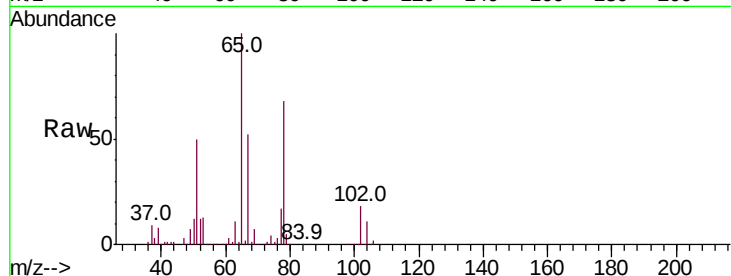
ClientSampleId :

Tot Ion: 65 Resp: 319504

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

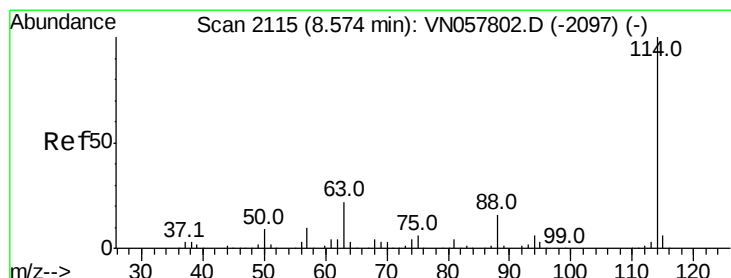
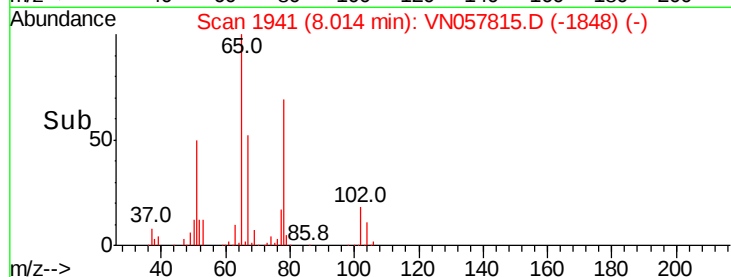
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

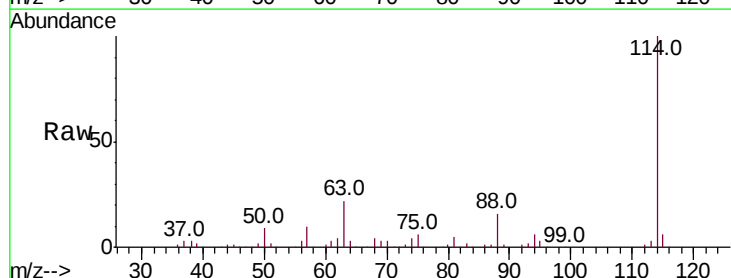
Tgt Ion: 114 Resp: 512117

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 16.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.58

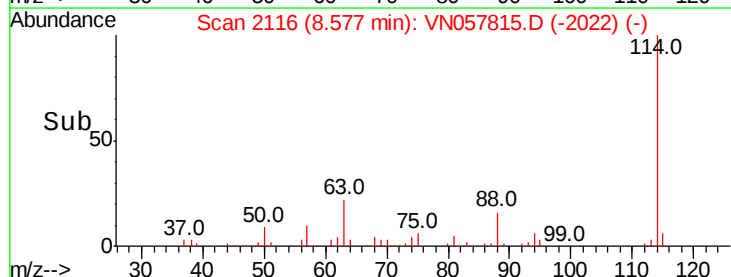
300000

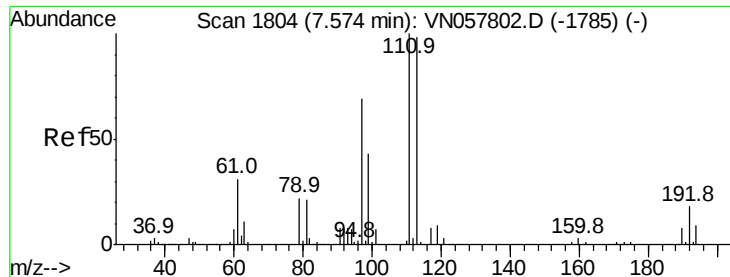
200000

100000

0

Time--> 8.50 8.55 8.60 8.65 8.70

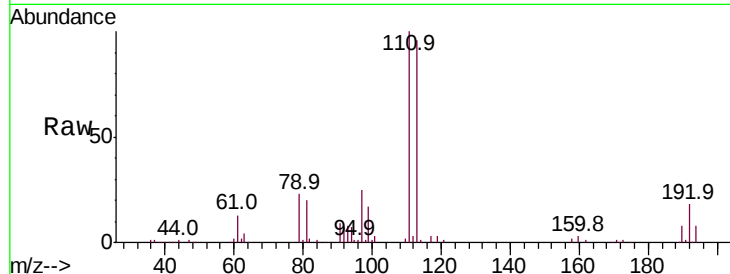




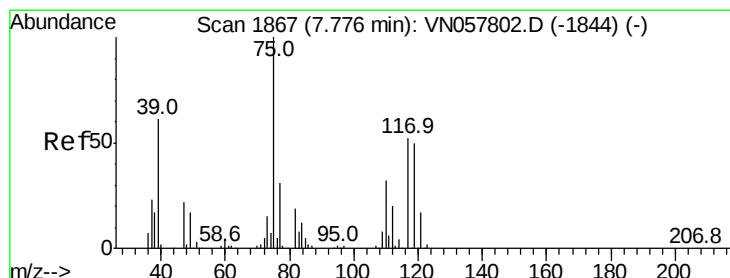
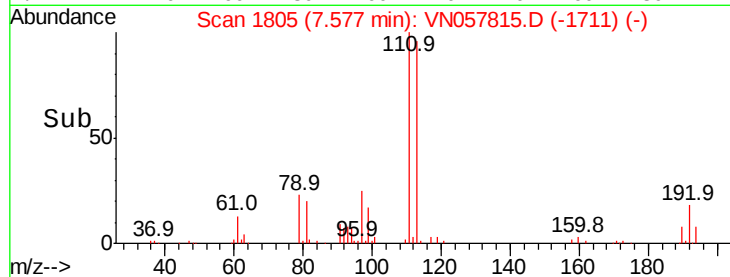
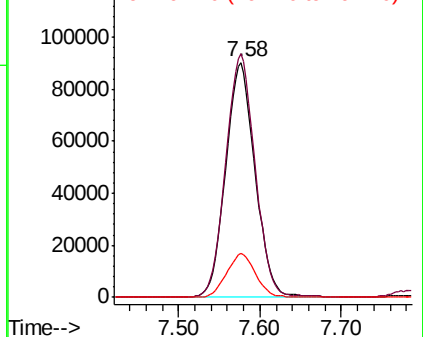
#35  
 Dibromofluoromethane  
 Concen: 48.370 ug/l  
 RT: 7.58 min Scan# 1805  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:113 Resp: 228626  
 Ion Ratio Lower Upper  
 113 100  
 111 103.0 81.3 121.9  
 192 18.3 14.6 22.0

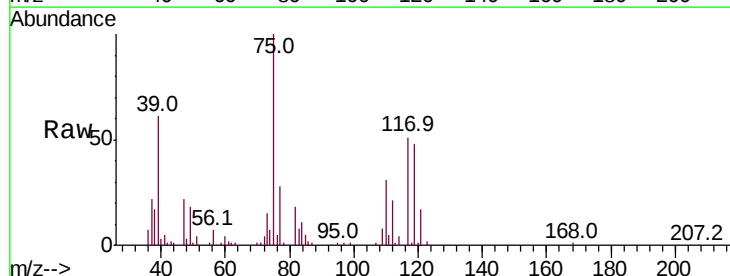


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

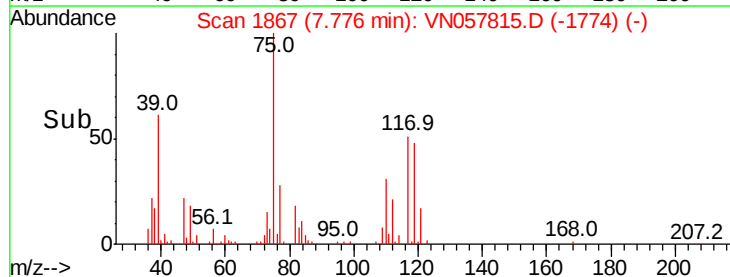
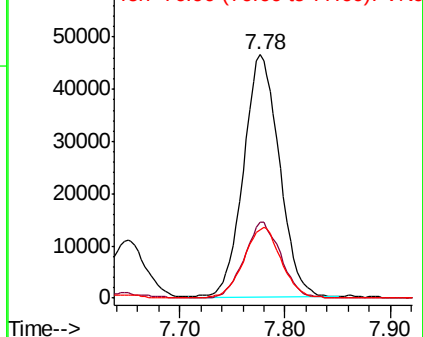


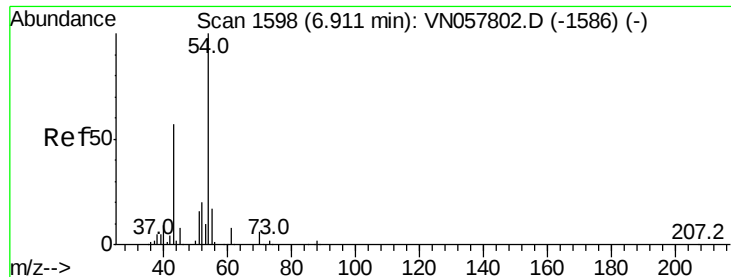
#36  
 1,1-Dichloropropene  
 Concen: 18.467 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Tgt Ion: 75 Resp: 109677  
 Ion Ratio Lower Upper  
 75 100  
 110 31.9 16.3 48.9  
 77 30.6 25.0 37.4



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

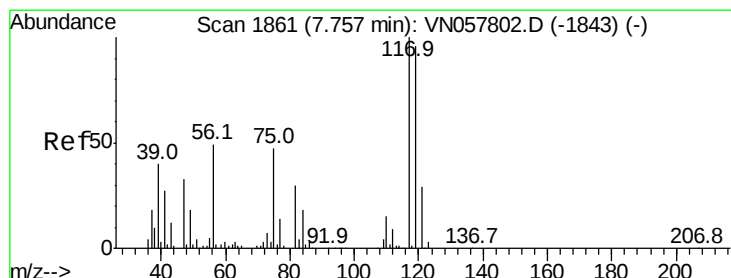
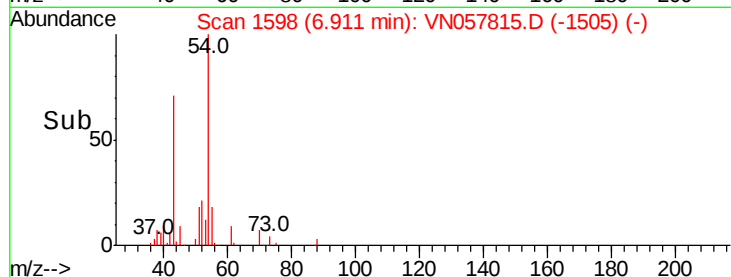
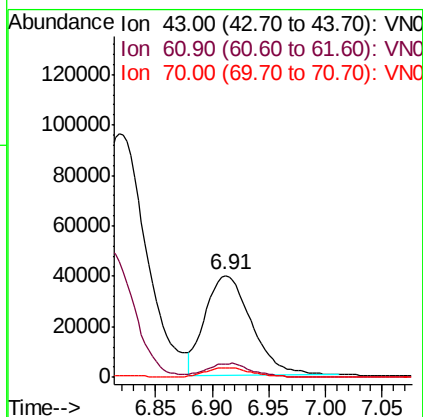
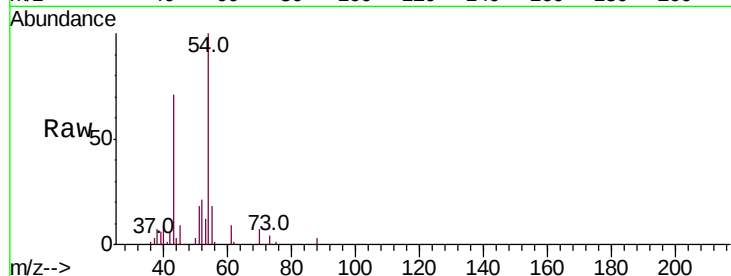




#37  
Ethyl Acetate  
Concen: 18.521 ug/l  
RT: 6.91 min Scan# 1598  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

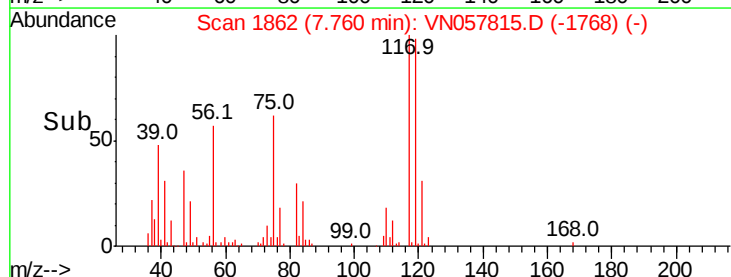
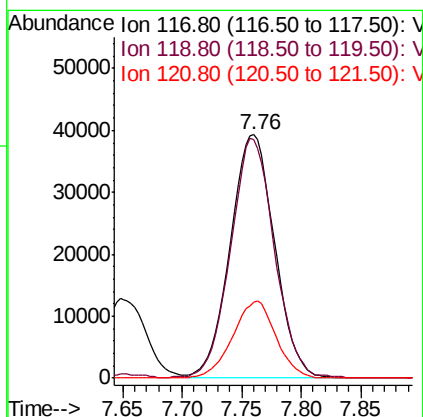
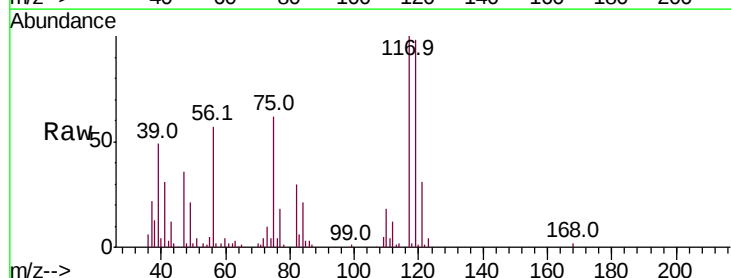
Instrument :  
MSVOA\_N  
ClientSampled :

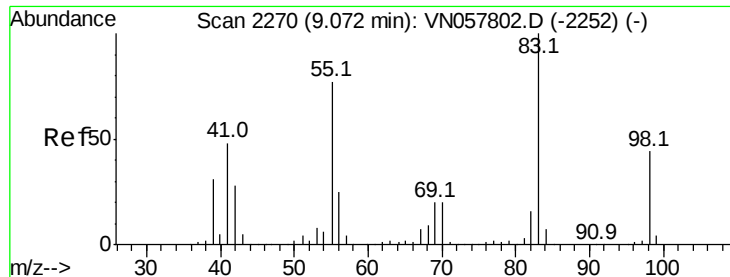
Tot Ion: 43 Resp: 113650  
Ion Ratio Lower Upper  
43 100  
61 13.2 10.5 15.7  
70 9.8 7.4 11.0



#38  
Carbon Tetrachloride  
Concen: 18.740 ug/l  
RT: 7.76 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 117 Resp: 101615  
Ion Ratio Lower Upper  
117 100  
119 97.3 76.9 115.3  
121 31.0 23.4 35.2

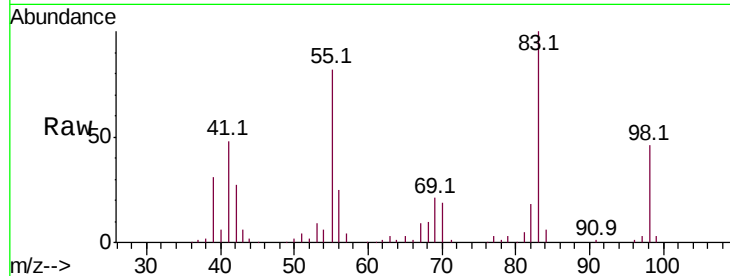




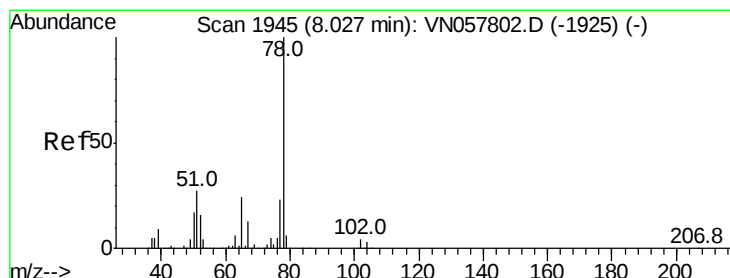
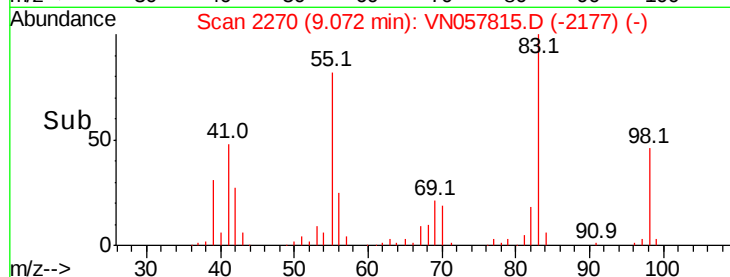
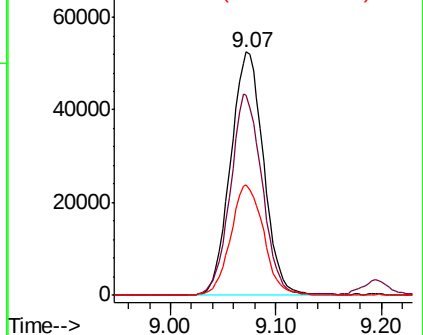
#39  
Methvlcvclohexane  
Concen: 18.225 ug/l  
RT: 9.07 min Scan# 2270  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 83 Resp: 113787  
Ion Ratio Lower Upper  
83 100  
55 82.3 61.6 92.4  
98 45.5 34.9 52.3

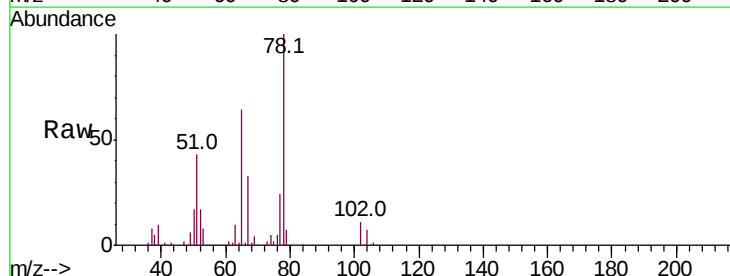


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

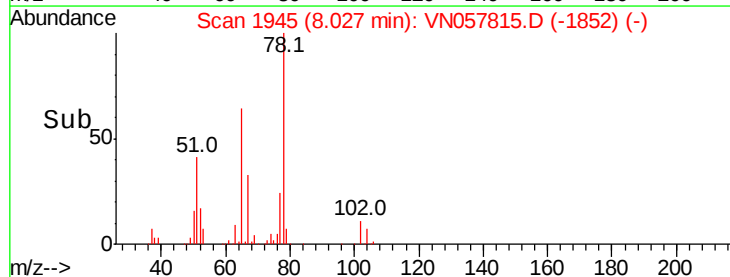
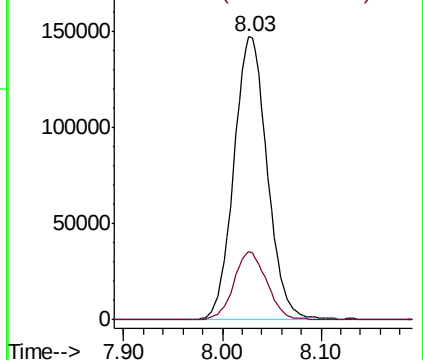


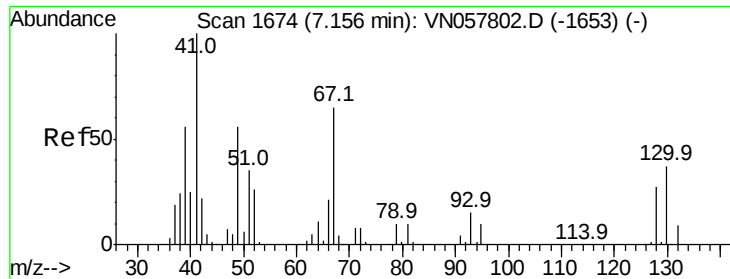
#40  
Benzene  
Concen: 19.397 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 78 Resp: 346830  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0

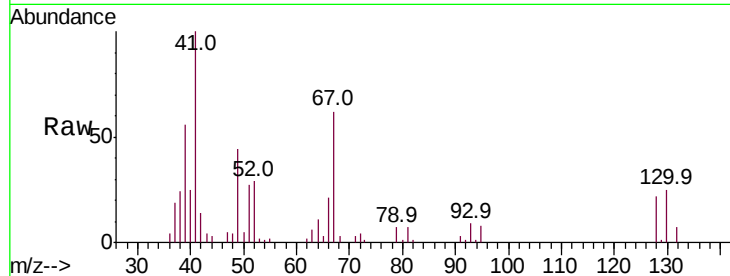




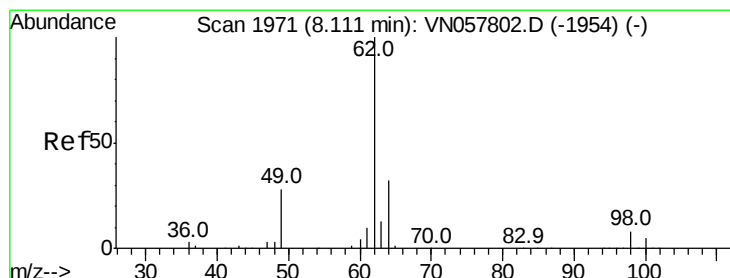
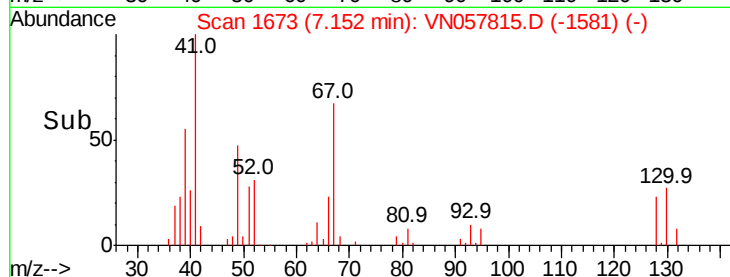
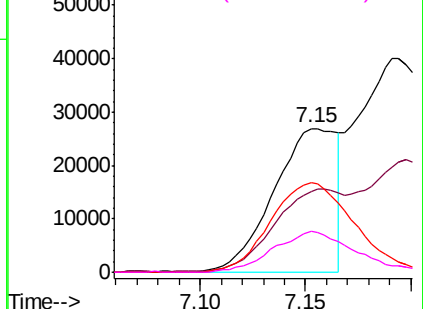
#41  
Methacrylonitrile  
Concen: 20.167 ug/l  
RT: 7.15 min Scan# 1673  
Delta R.T. -0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 56175  
Ion Ratio Lower Upper  
41 100  
39 62.7 51.0 76.6  
67 83.7 70.7 106.1  
52 37.7 30.8 46.2

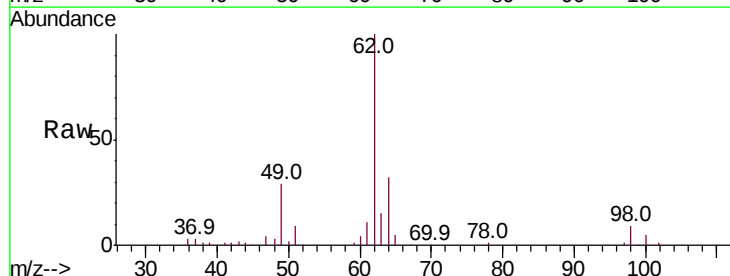


Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 67.00 (66.70 to 67.70): VNO  
Ion 52.00 (51.70 to 52.70): VNO

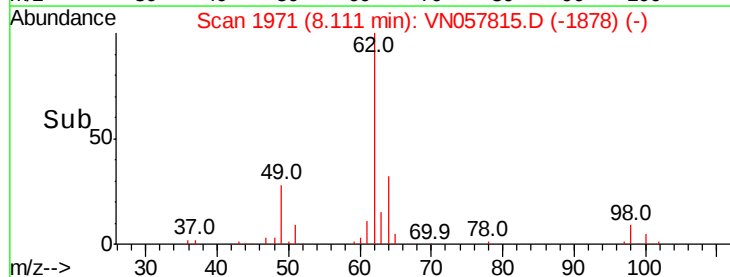
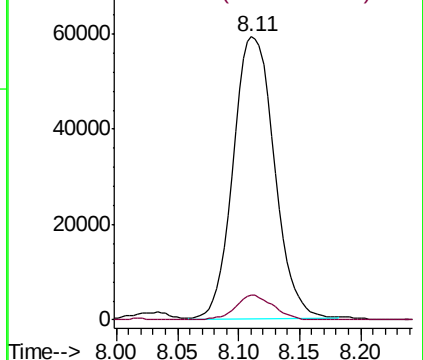


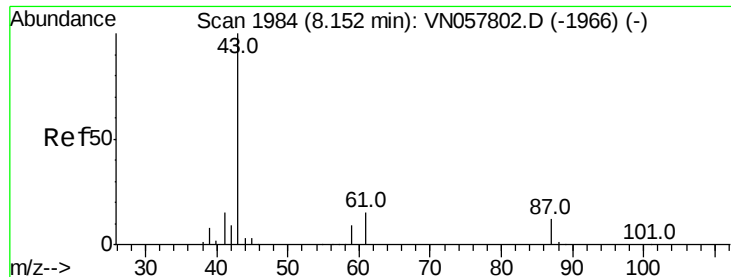
#42  
1,2-Dichloroethane  
Concen: 19.342 ug/l  
RT: 8.11 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 62 Resp: 138317  
Ion Ratio Lower Upper  
62 100  
98 8.0 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 19.368 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

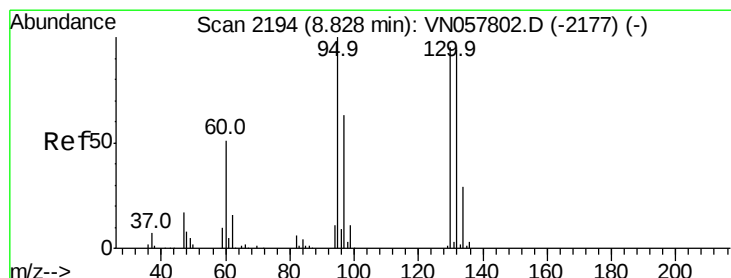
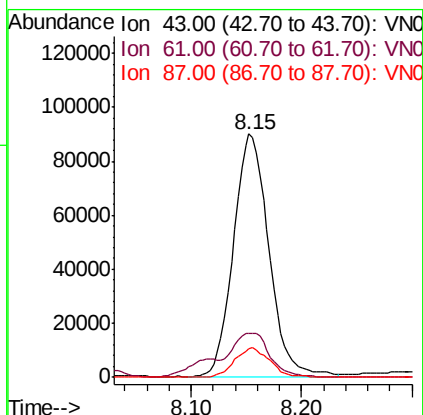
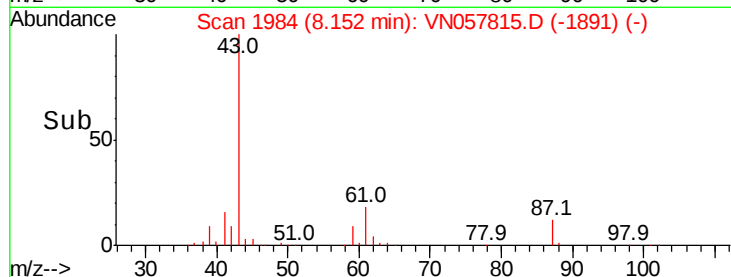
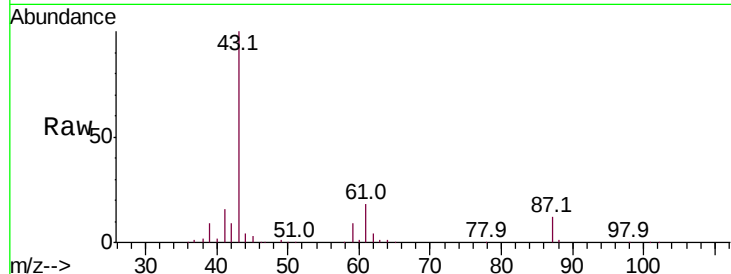
Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 199864

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 19.6  | 20.1  | 30.1# |
| 87  | 12.1  | 9.5   | 14.3  |



#44

Trichloroethene

Concen: 18.586 ug/l

RT: 8.83 min Scan# 2194

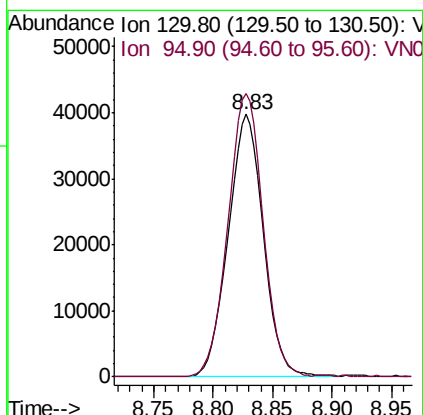
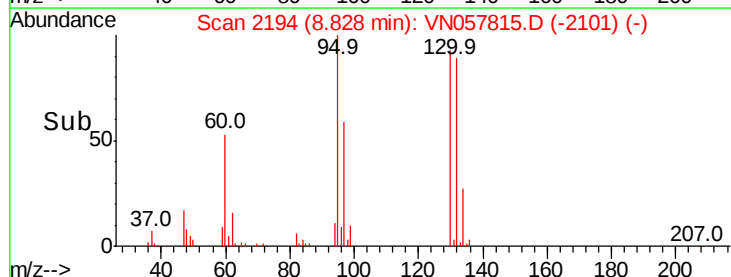
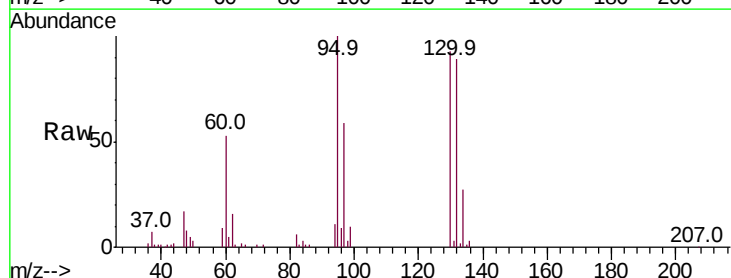
Delta R.T. 0.00 min

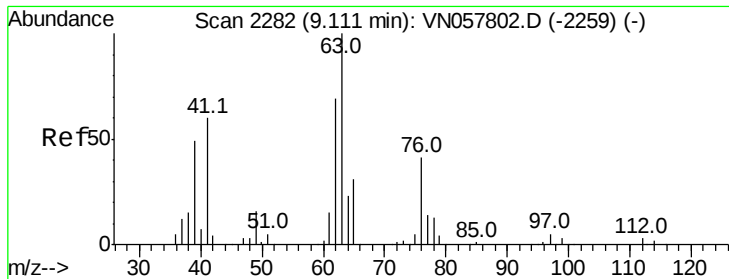
Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Tgt Ion: 130 Resp: 81510

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 107.9 | 0.0   | 211.4 |





#45

1,2-Dichloropropane

Concen: 19.835 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

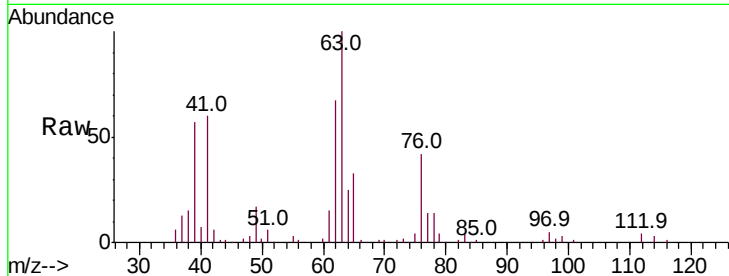
ClientSampled :

Tot Ion: 63 Resp: 103200

Ion Ratio Lower Upper

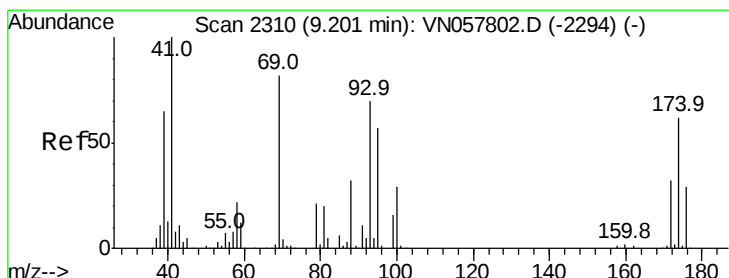
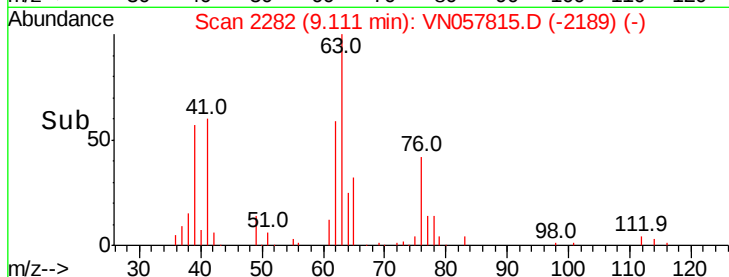
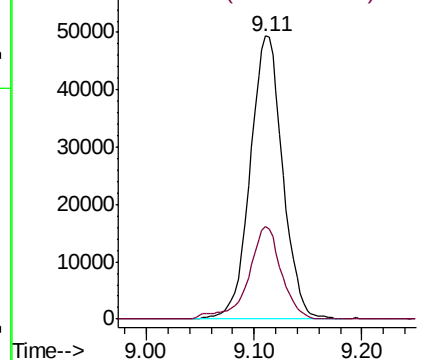
63 100

65 32.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 19.733 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

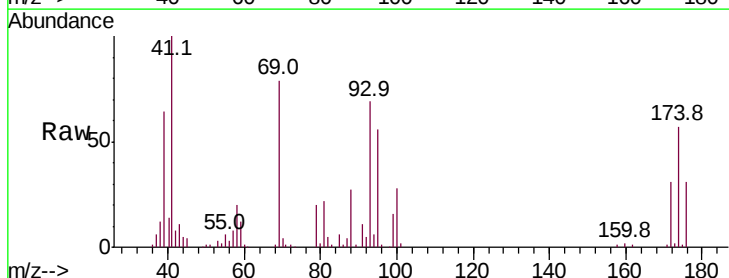
Tgt Ion: 93 Resp: 62042

Ion Ratio Lower Upper

93 100

95 80.9 65.9 98.9

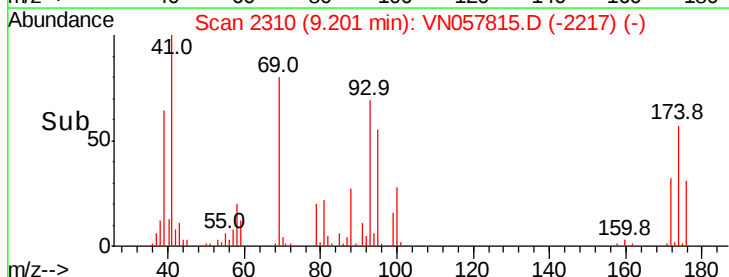
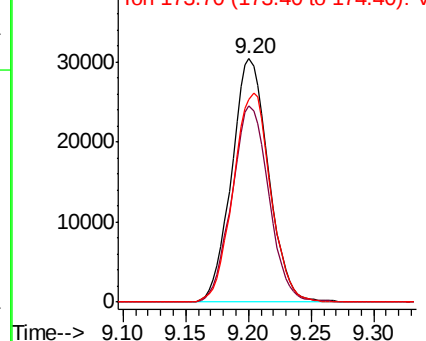
174 87.1 71.8 107.6

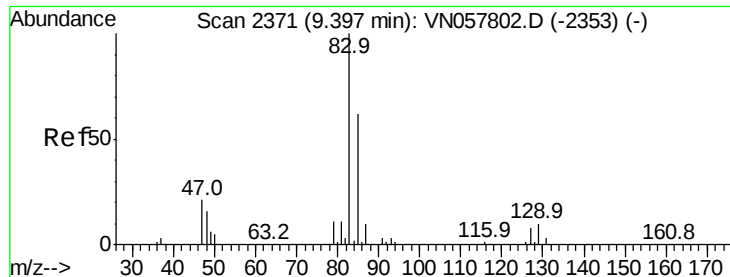


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 19.242 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :  
MSVOA\_N  
ClientSampleId :

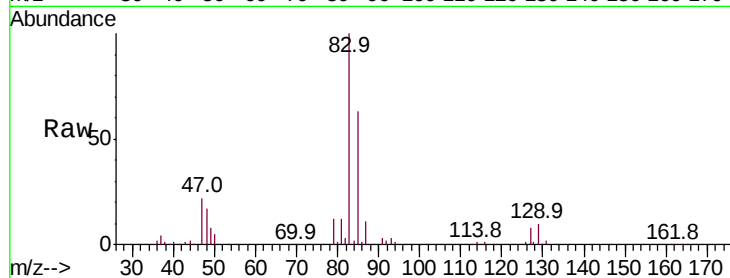
Tot Ion: 83 Resp: 120811

Ion Ratio Lower Upper

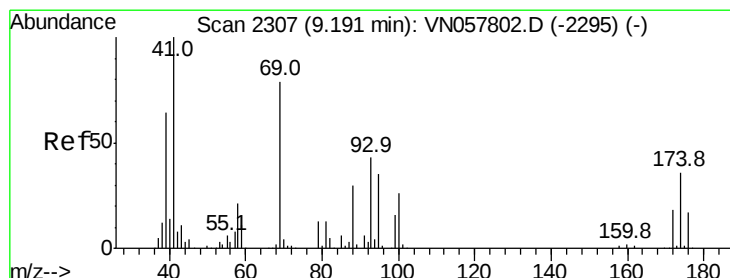
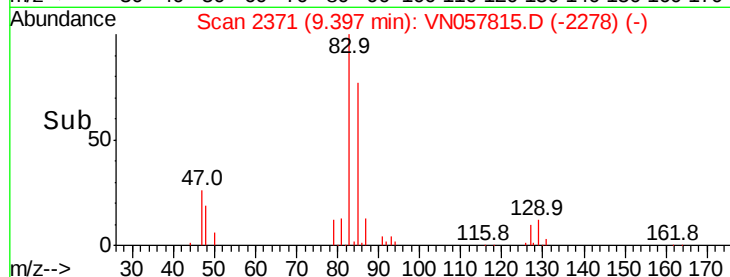
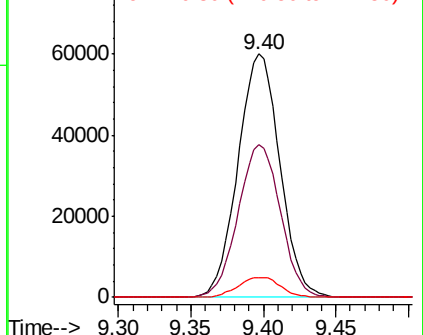
83 100

85 62.6 49.9 74.9

127 8.1 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 84.90 (84.60 to 85.60): VNO  
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 18.744 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

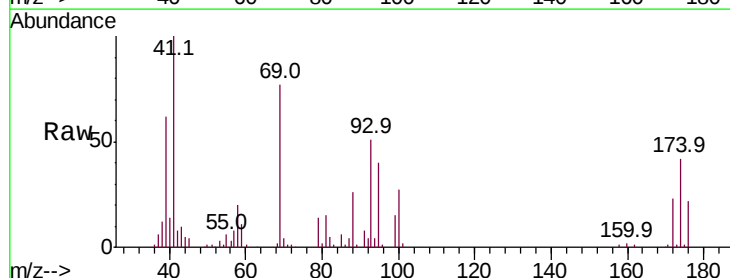
Tgt Ion: 41 Resp: 98120

Ion Ratio Lower Upper

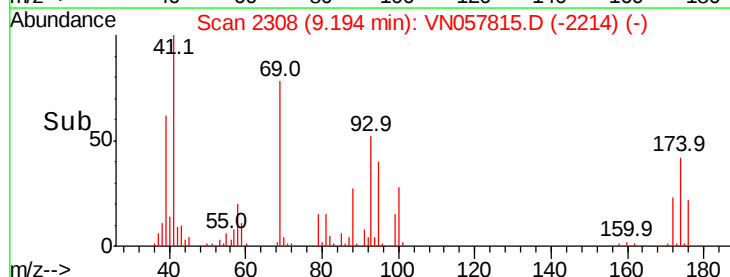
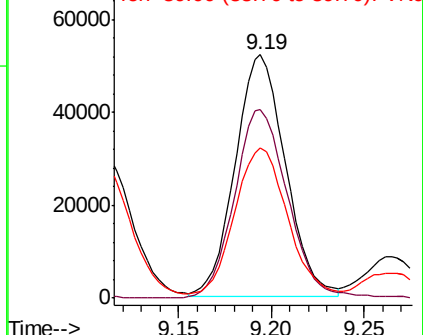
41 100

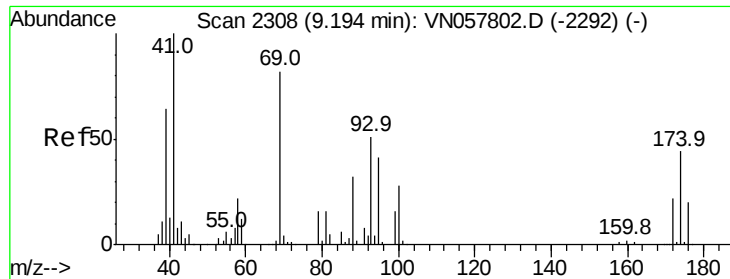
69 82.3 62.7 94.1

39 64.7 52.7 79.1



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

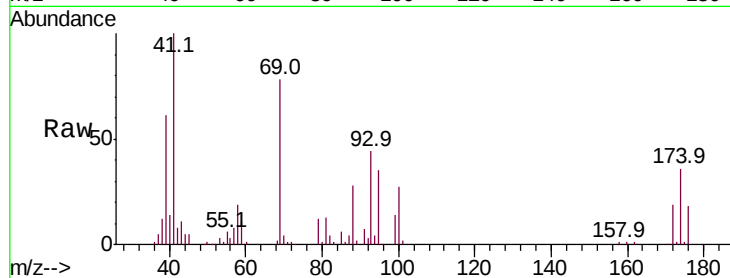




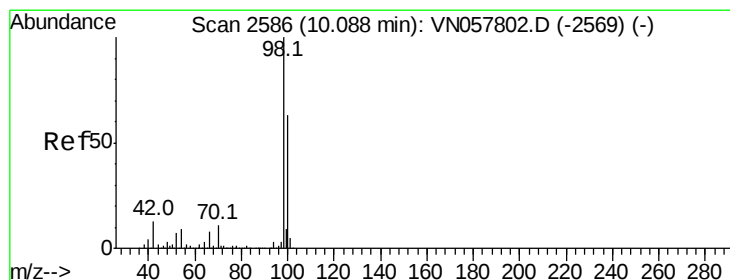
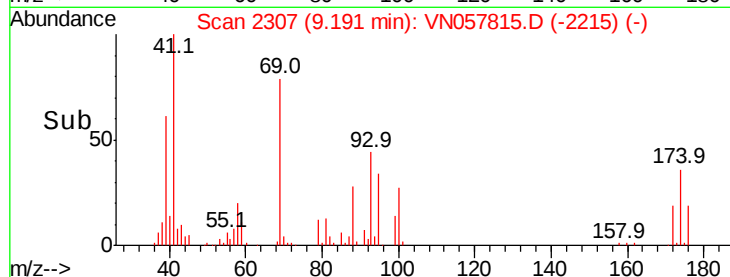
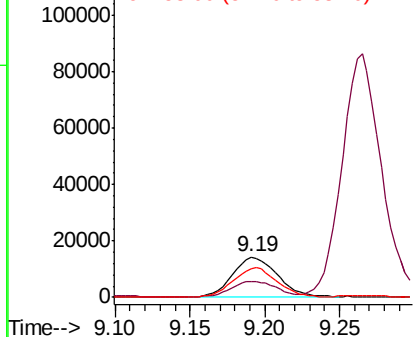
#49  
 1,4-Dioxane  
 Concen: 339.555 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. -0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 88 Resp: 30058  
 Ion Ratio Lower Upper  
 88 100  
 43 35.4 28.5 42.7  
 58 71.1 55.8 83.6

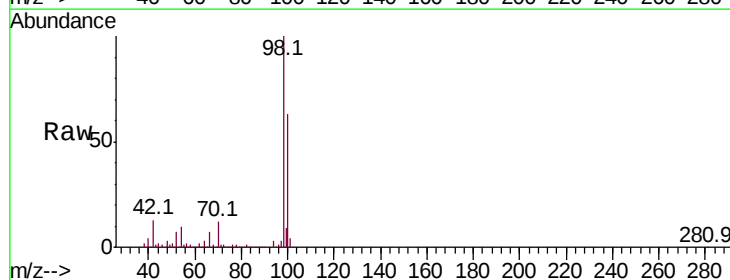


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

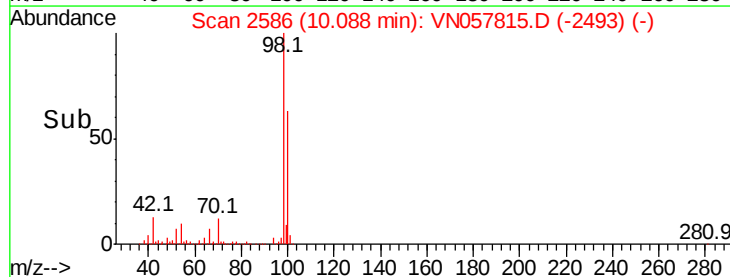
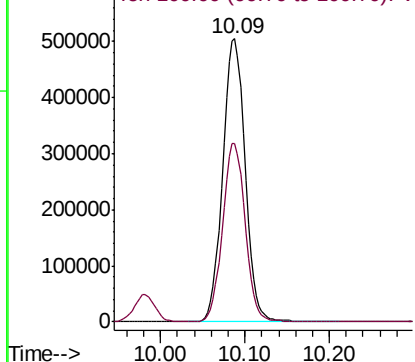


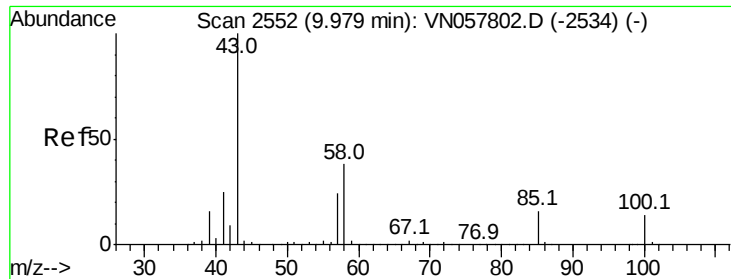
#50  
 Toluene-d8  
 Concen: 50.810 ug/l  
 RT: 10.09 min Scan# 2586  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Tgt Ion: 98 Resp: 932435  
 Ion Ratio Lower Upper  
 98 100  
 100 63.8 50.3 75.5



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: 104.154 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

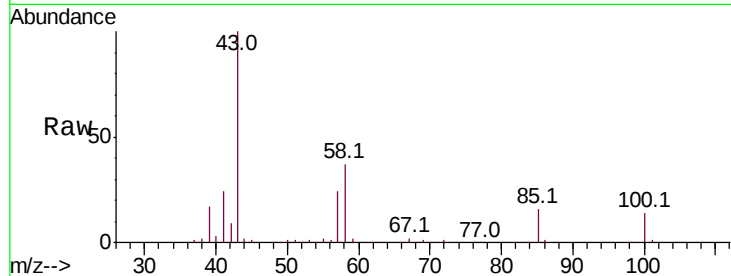
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 636031

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-2534) (-)

9.98

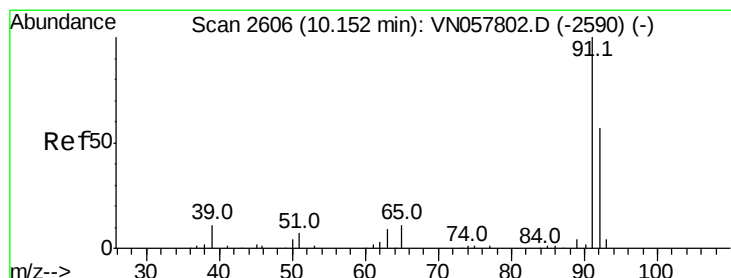
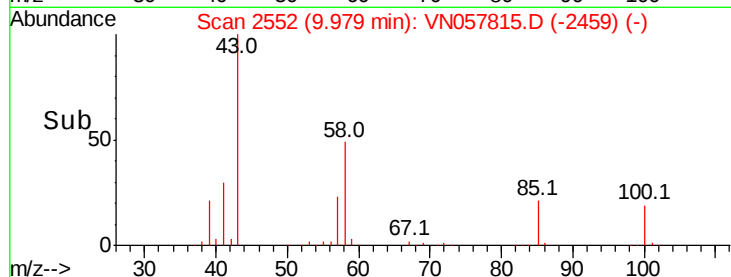
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.317 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057815.D

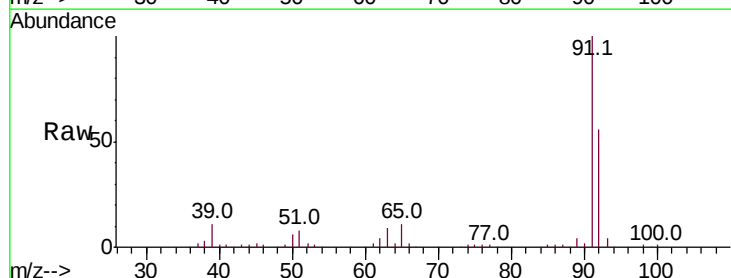
Acq: 9 Sep 2019 20:57

Tgt Ion: 92 Resp: 217546

Ion Ratio Lower Upper

92 100

91 177.5 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057802.D (-2590) (-)

10.15

250000

200000

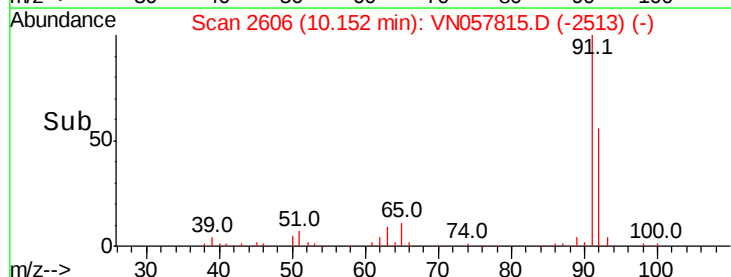
150000

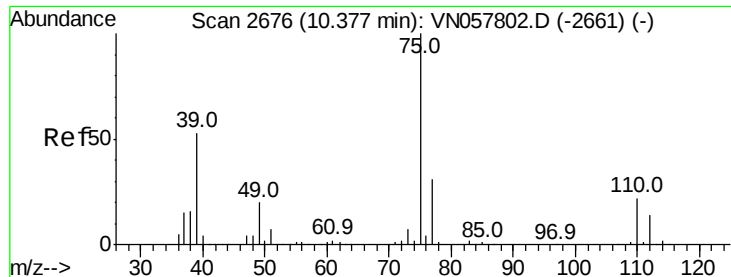
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.145 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

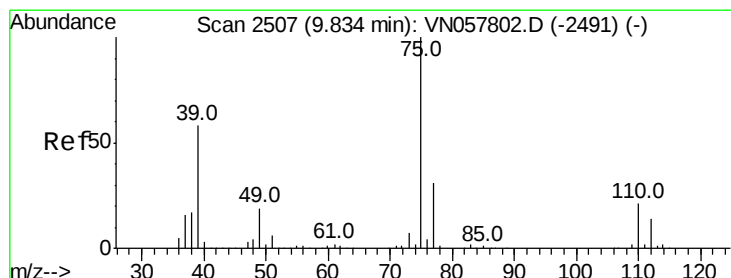
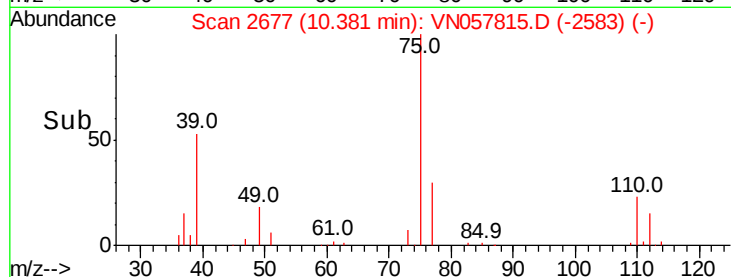
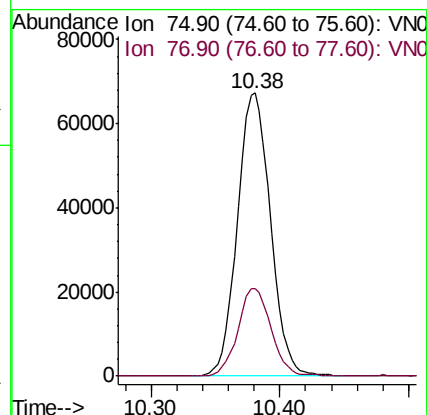
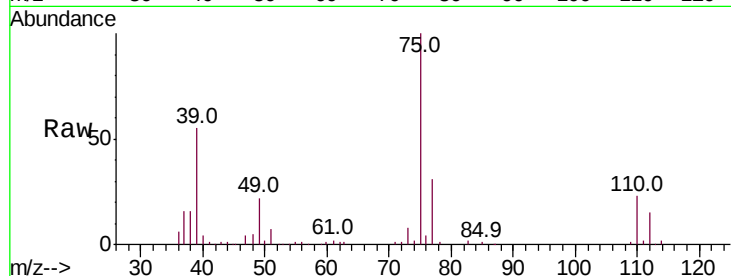
ClientSampled :

Tot Ion: 75 Resp: 119971

Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 18.710 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

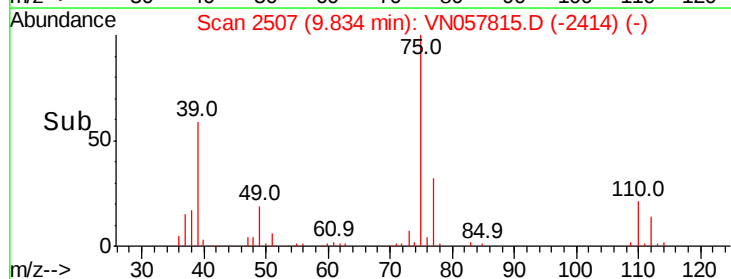
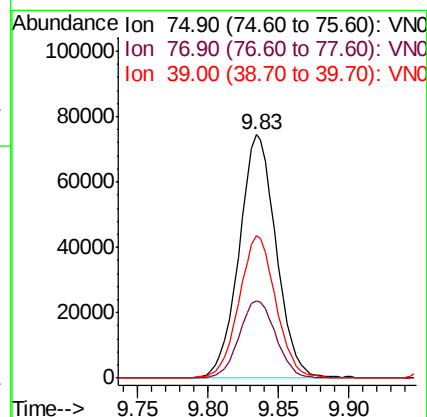
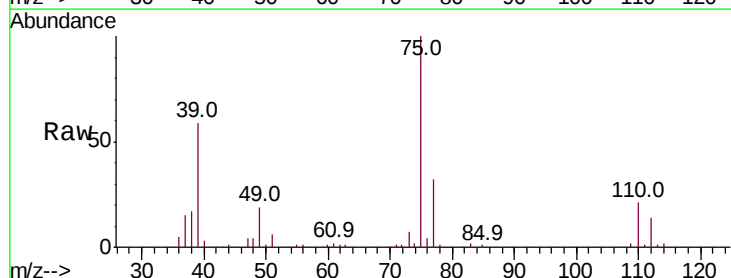
Tgt Ion: 75 Resp: 136578

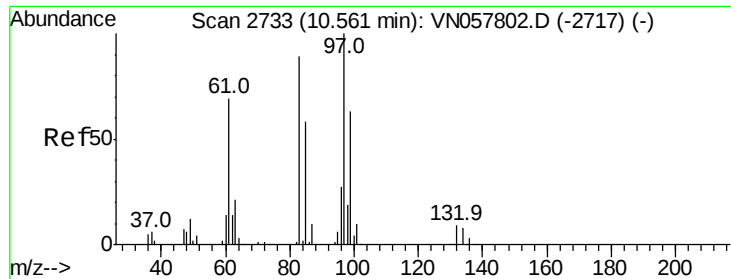
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 58.4 46.2 69.4





#55

1,1,2-Trichloroethane

Concen: 19.654 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 97 Resp: 93761

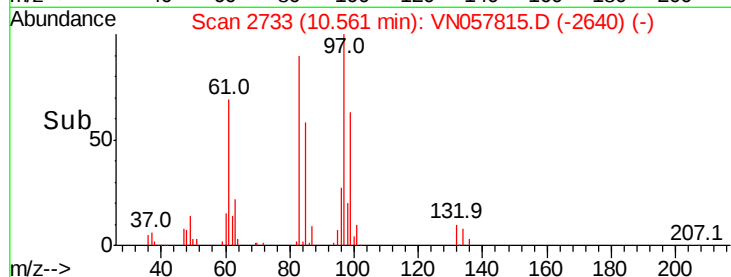
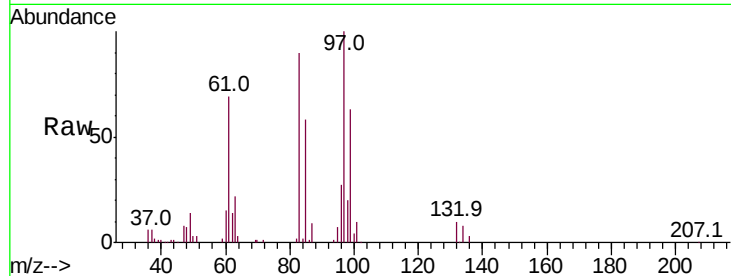
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 89.6  | 70.8  | 106.2 |
| 85  | 57.6  | 46.0  | 69.0  |
| 99  | 62.5  | 50.6  | 76.0  |

97 100

83 89.6 70.8 106.2

85 57.6 46.0 69.0

99 62.5 50.6 76.0

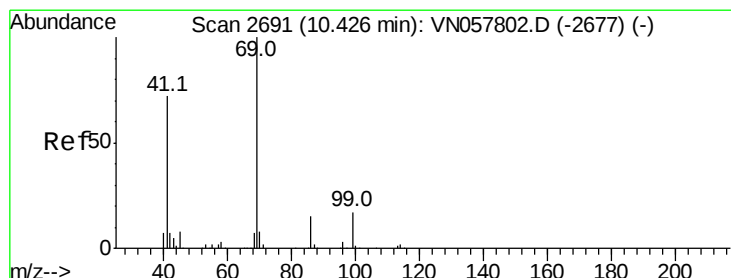
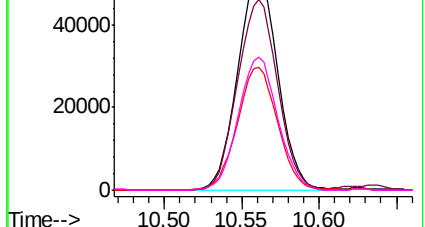


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.246 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

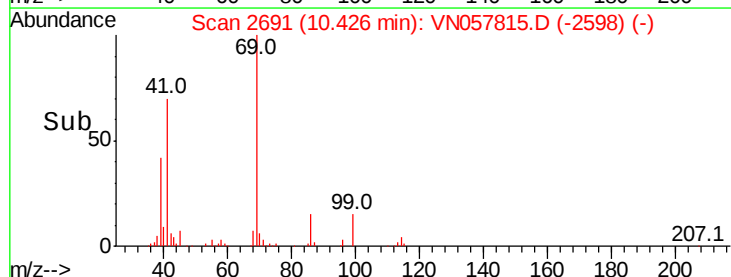
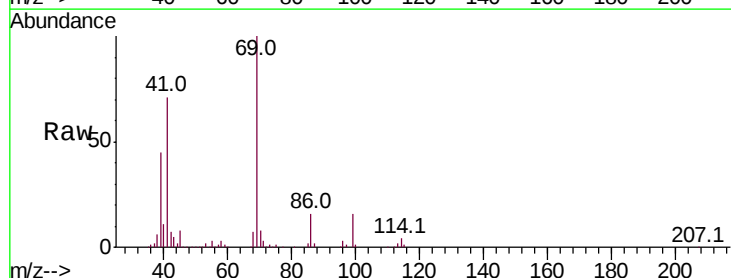
Tgt Ion: 69 Resp: 138260

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.5  | 56.7  | 85.1  |
| 39  | 45.2  | 36.3  | 54.5  |

69 100

41 71.5 56.7 85.1

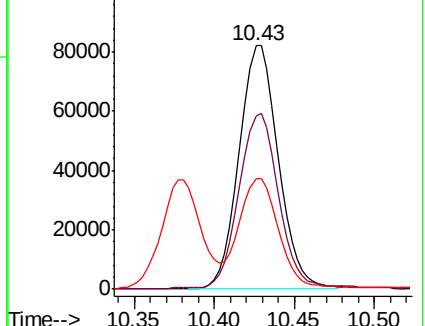
39 45.2 36.3 54.5

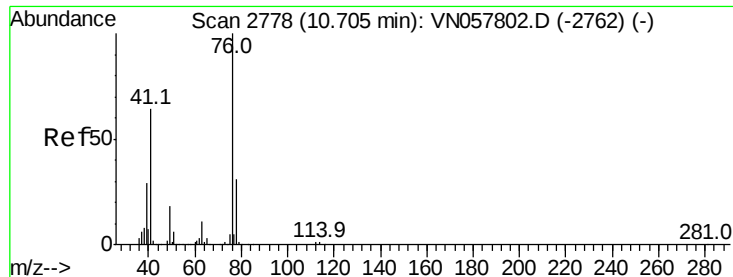


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.235 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

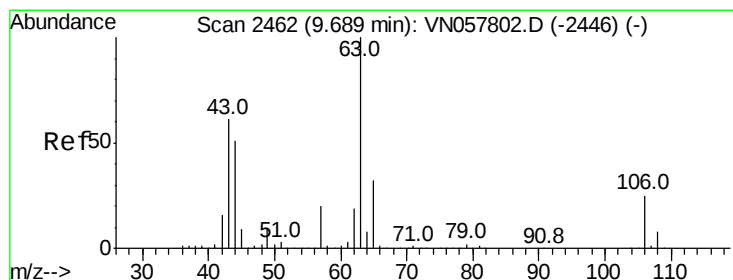
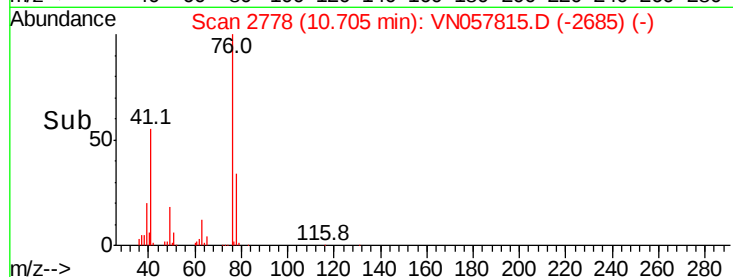
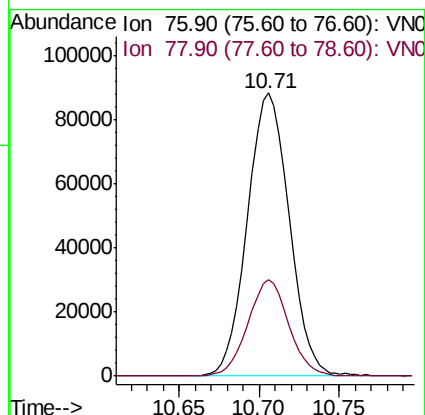
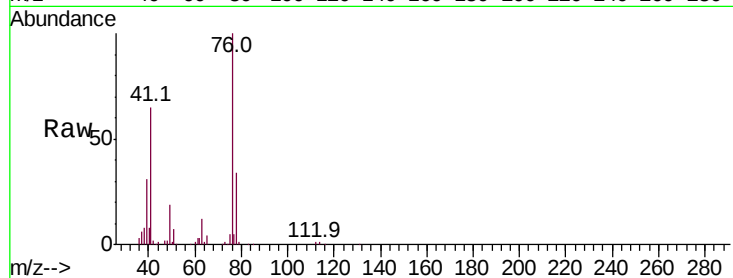
ClientSampled :

Tot Ion: 76 Resp: 158133

Ion Ratio Lower Upper

76 100

78 33.4 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 99.784 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057815.D

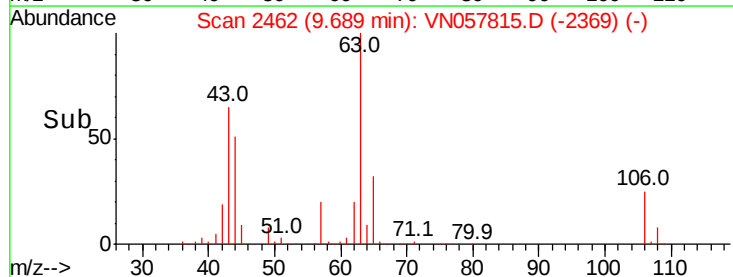
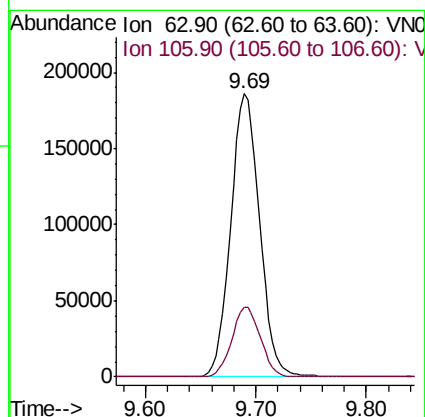
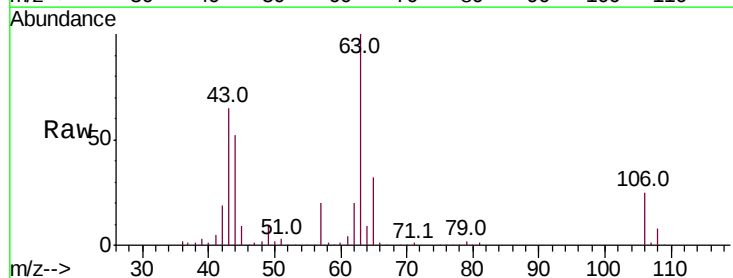
Acq: 9 Sep 2019 20:57

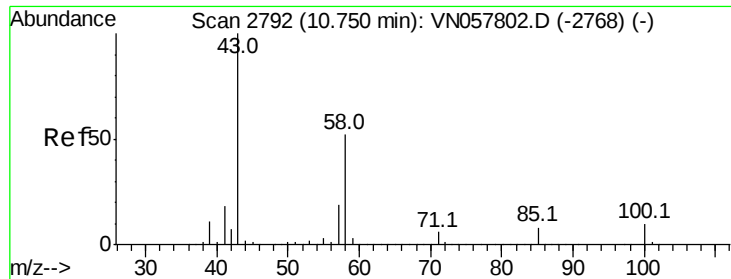
Tgt Ion: 63 Resp: 337624

Ion Ratio Lower Upper

63 100

106 24.5 20.0 30.0

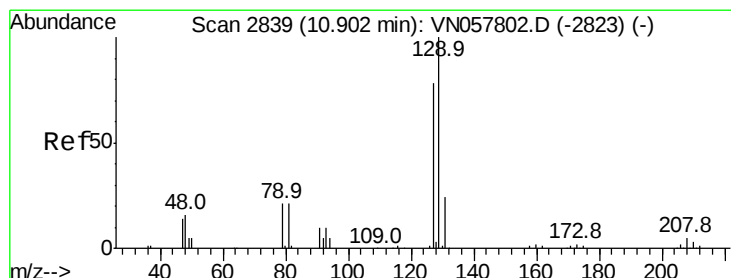
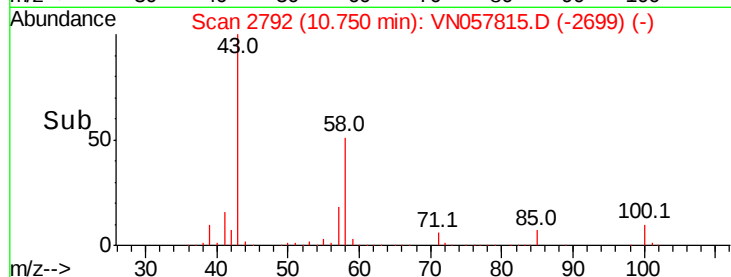
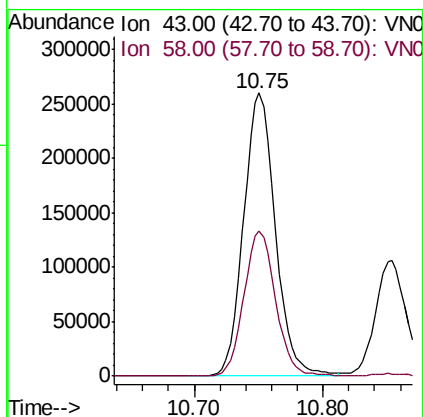
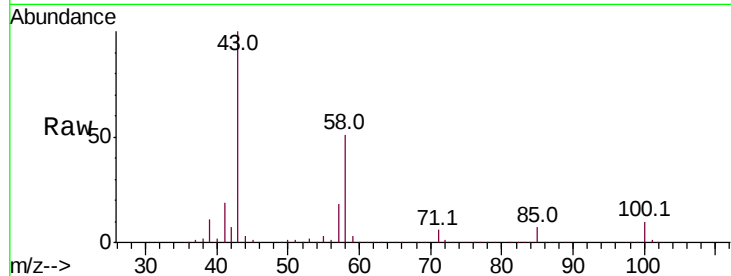




#59  
2-Hexanone  
Concen: 97.275 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

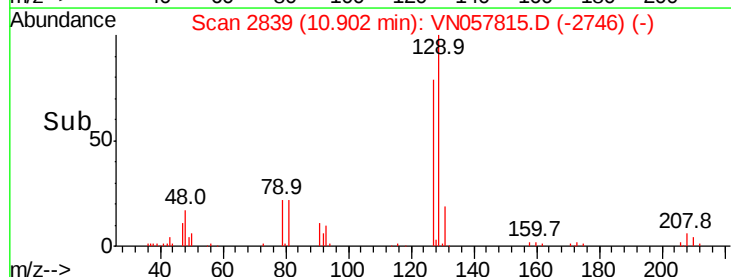
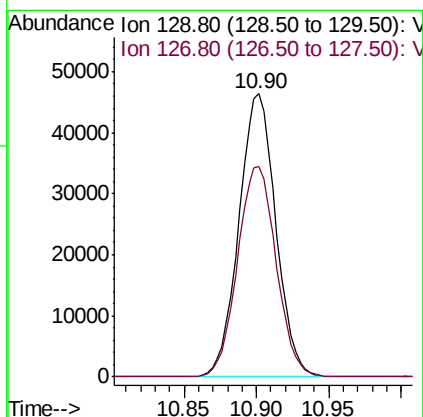
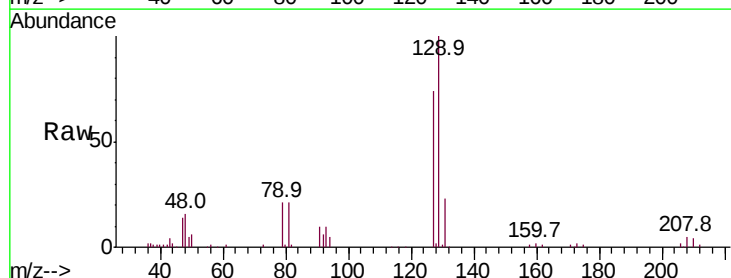
Instrument :  
MSVOA\_N  
ClientSampled :

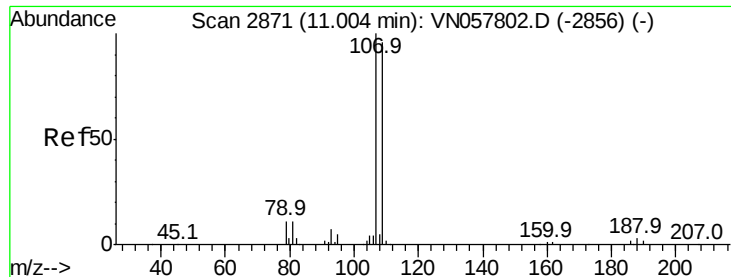
Tot Ion: 43 Resp: 445244  
Ion Ratio Lower Upper  
43 100  
58 51.5 25.6 76.8



#60  
Dibromochloromethane  
Concen: 18.537 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 129 Resp: 82115  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.503 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

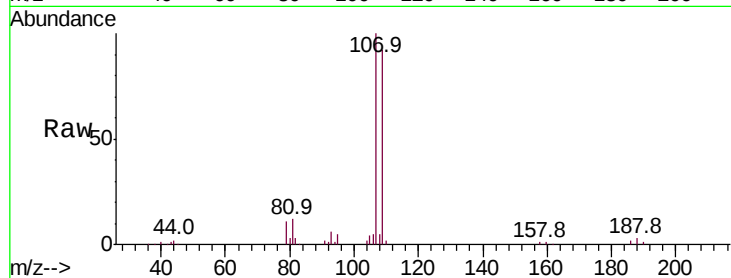
ClientSampled :

Tot Ion:107 Resp: 87958

Ion Ratio Lower Upper

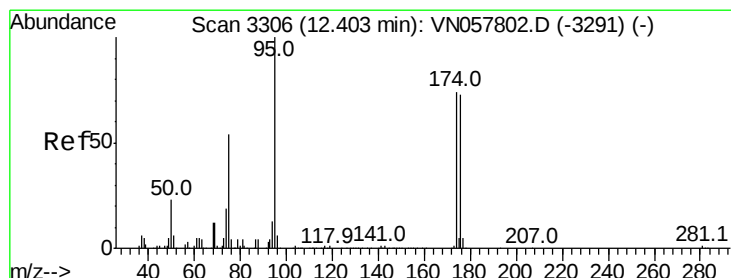
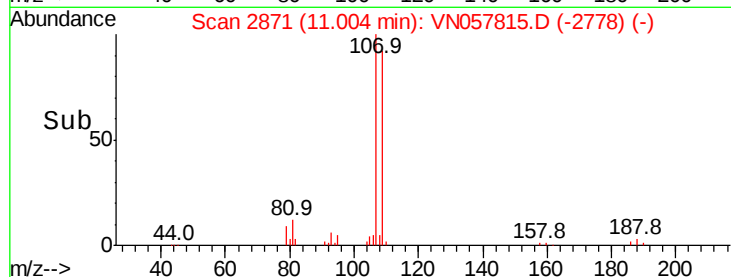
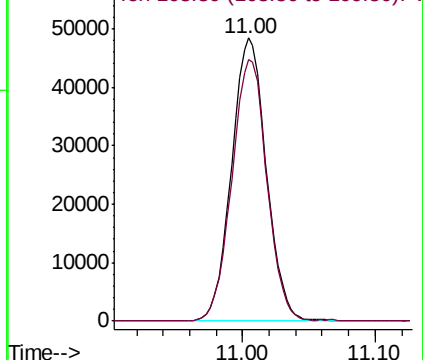
107 100

109 93.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.882 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

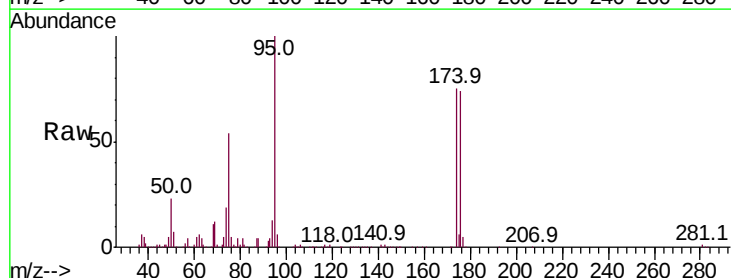
Tgt Ion: 95 Resp: 320877

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

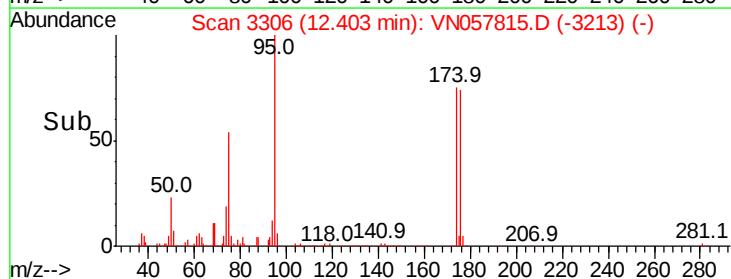
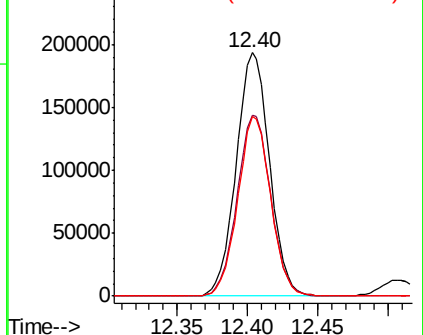
176 72.8 0.0 146.0

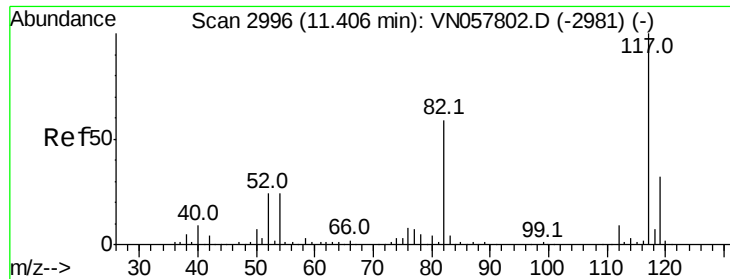


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

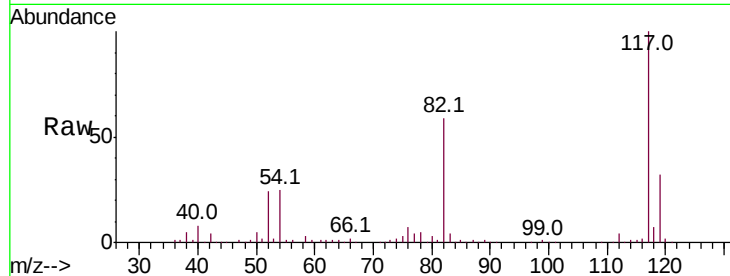




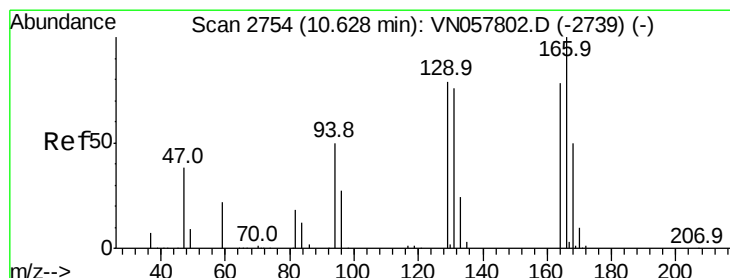
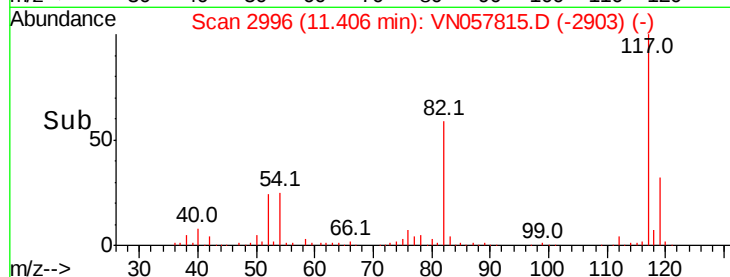
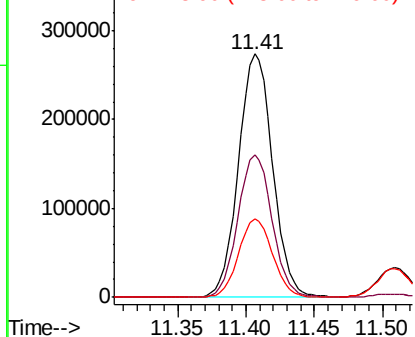
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:117 Resp: 476616  
Ion Ratio Lower Upper  
117 100  
82 58.5 47.2 70.8  
119 32.4 25.3 37.9

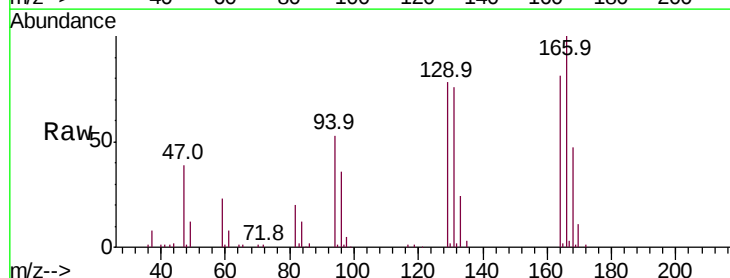


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

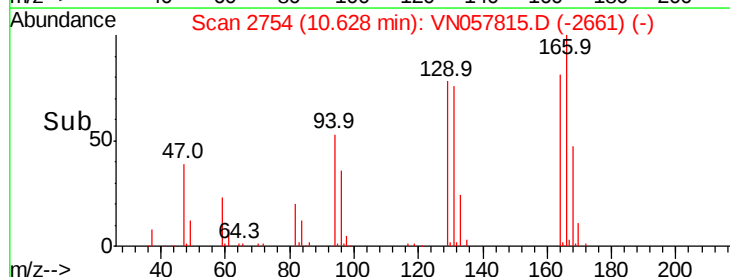
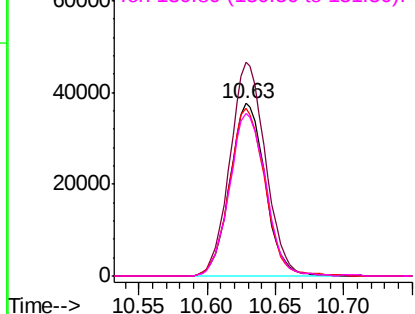


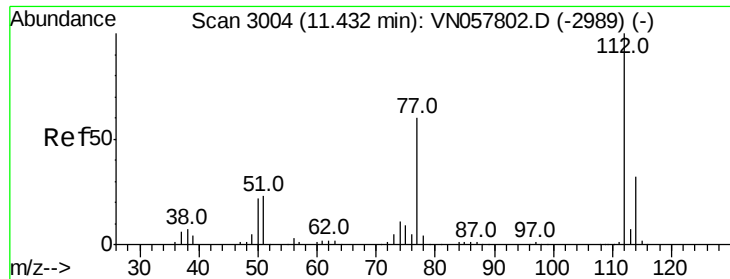
#64  
Tetrachloroethene  
Concen: 19.130 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion:164 Resp: 67320  
Ion Ratio Lower Upper  
164 100  
166 123.9 102.2 153.2  
129 97.1 80.8 121.2  
131 94.2 77.4 116.2



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

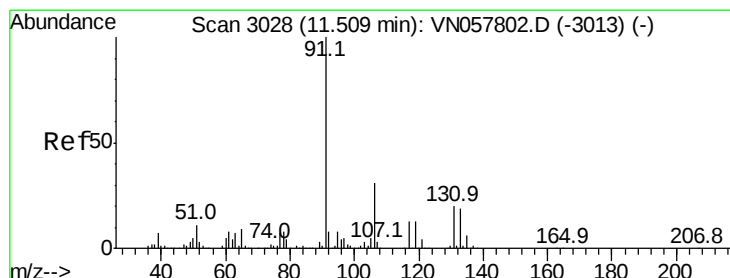
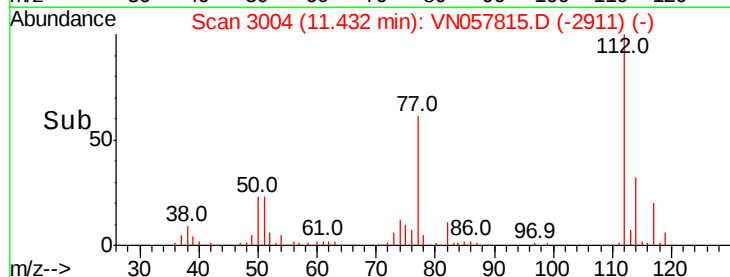
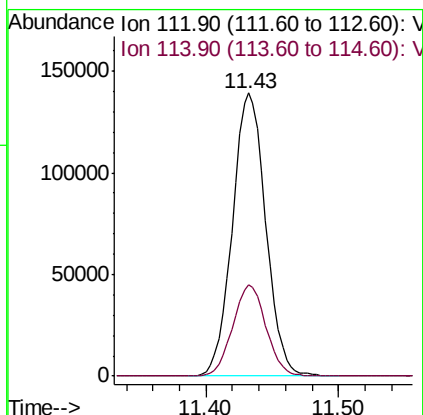
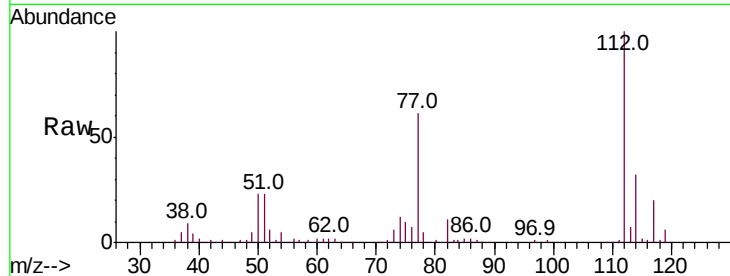




#65  
Chlorobenzene  
Concen: 19.444 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

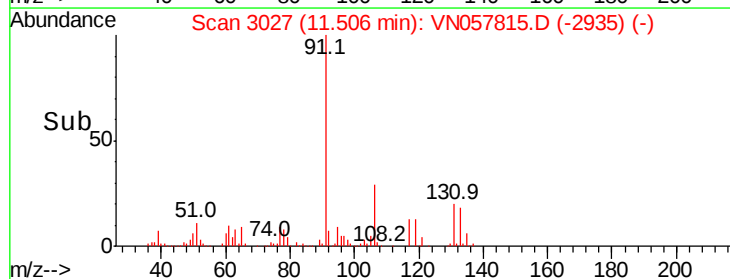
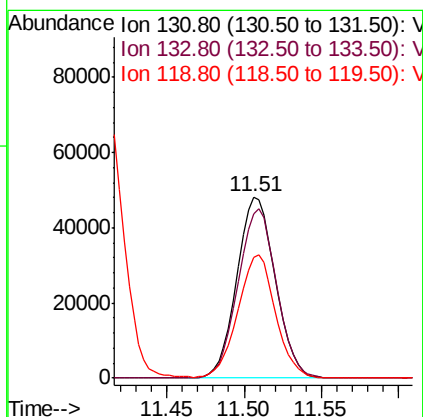
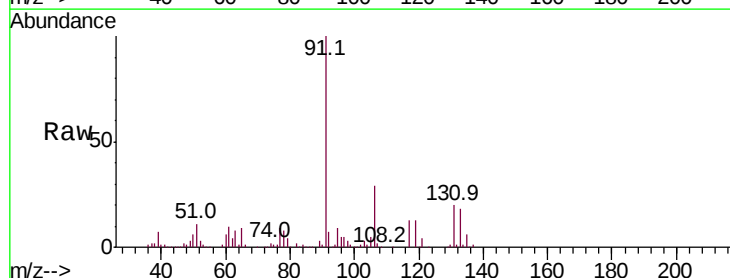
Instrument :  
MSVOA\_N  
ClientSampleId :

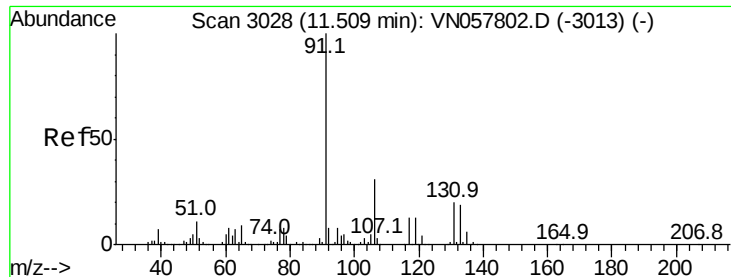
Tot Ion:112 Resp: 242529  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.205 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion:131 Resp: 83121  
Ion Ratio Lower Upper  
131 100  
133 93.9 47.1 141.3  
119 66.9 33.3 99.8





#67

Ethyl Benzene

Concen: 20.039 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

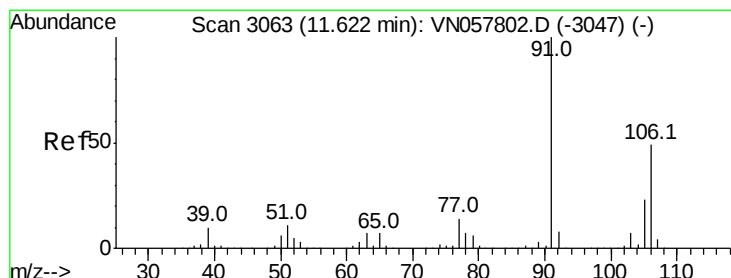
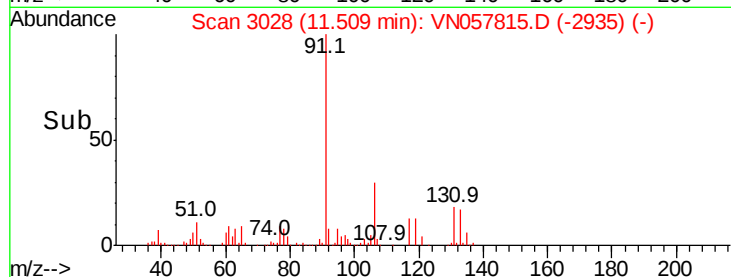
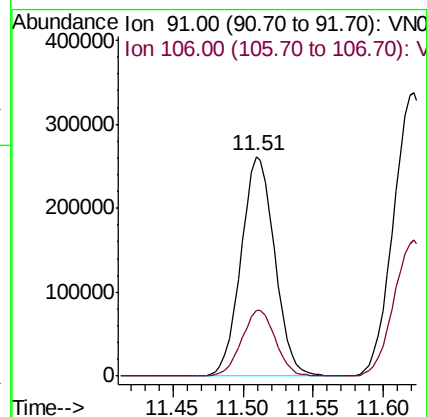
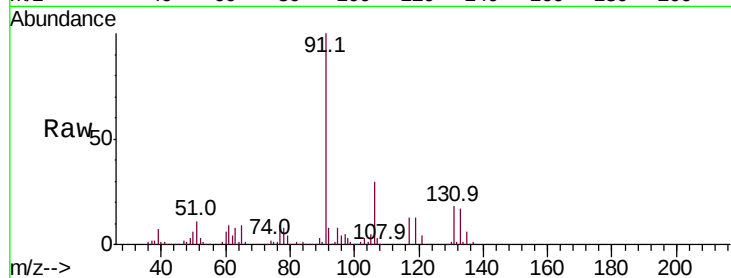
ClientSampled :

Tot Ion: 91 Resp: 438063

Ion Ratio Lower Upper

91 100

106 29.9 24.4 36.6



#68

m/p-Xylenes

Concen: 39.308 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN057815.D

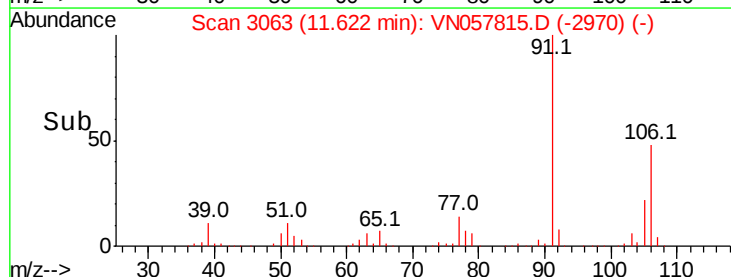
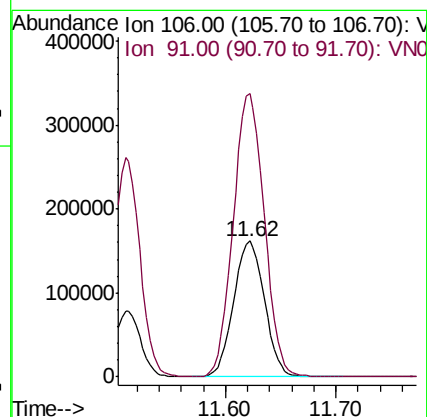
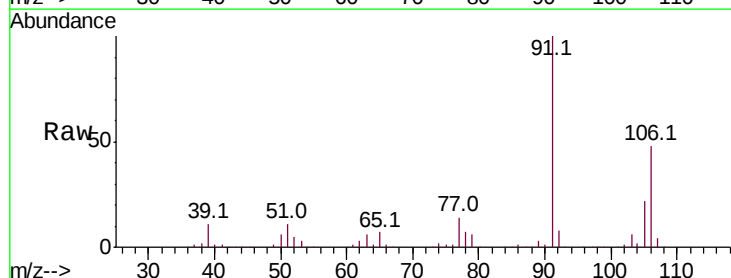
Acq: 9 Sep 2019 20:57

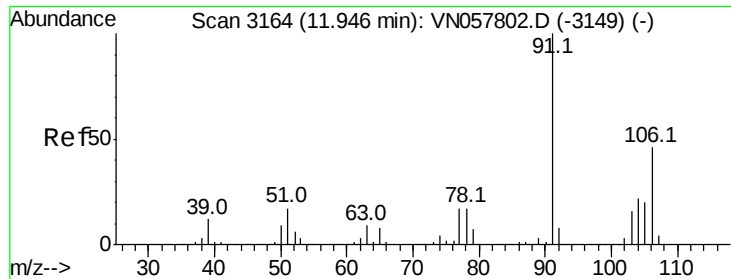
Tgt Ion: 106 Resp: 314753

Ion Ratio Lower Upper

106 100

91 209.2 165.8 248.6

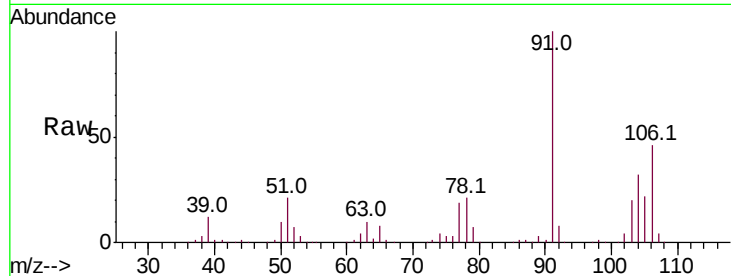




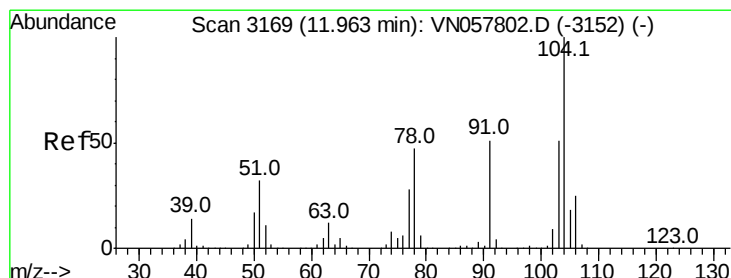
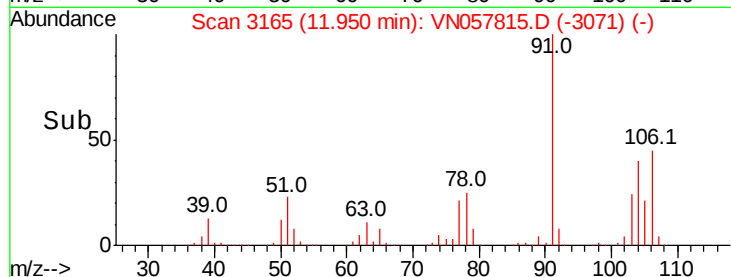
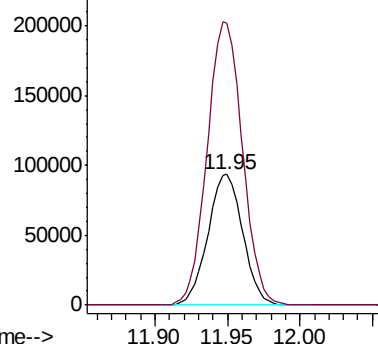
#69  
o-Xylene  
Concen: 19.677 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:106 Resp: 156636  
Ion Ratio Lower Upper  
106 100  
91 219.2 108.7 326.1

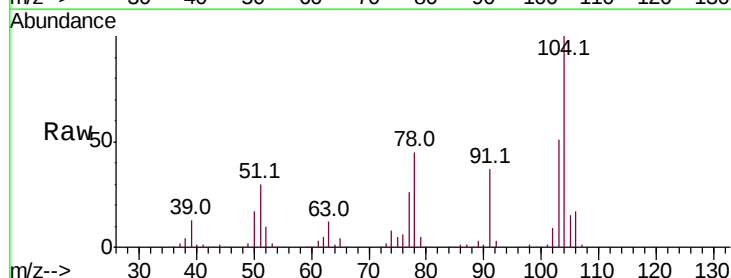


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

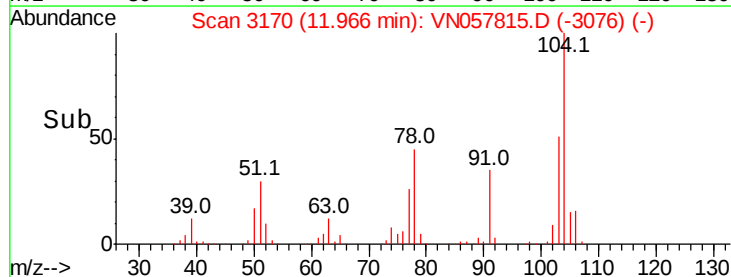
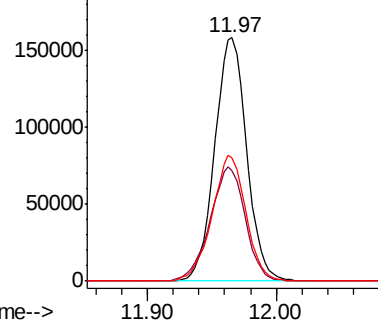


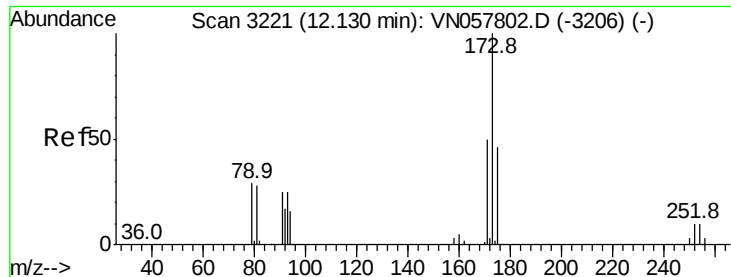
#70  
Styrene  
Concen: 19.893 ug/l  
RT: 11.97 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion:104 Resp: 272535  
Ion Ratio Lower Upper  
104 100  
78 51.5 41.3 61.9  
103 54.6 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.242 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

ClientSampled :

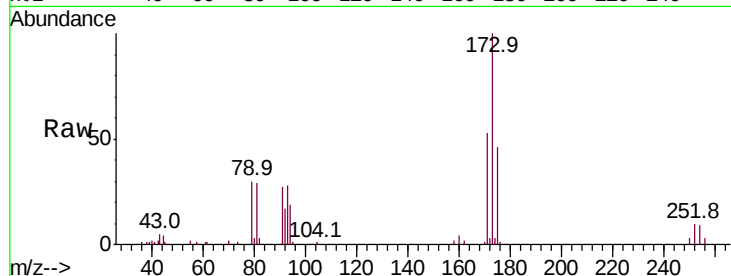
Tot Ion:173 Resp: 49225

Ion Ratio Lower Upper

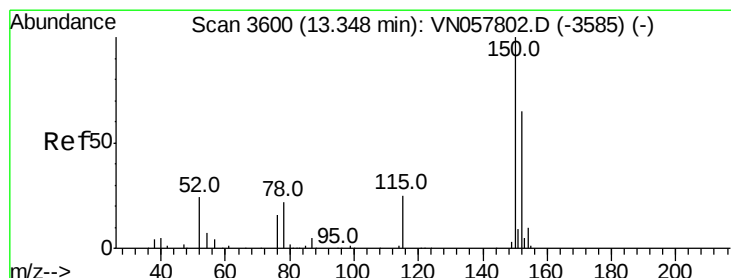
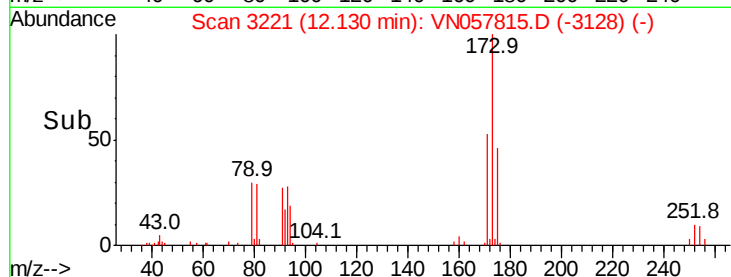
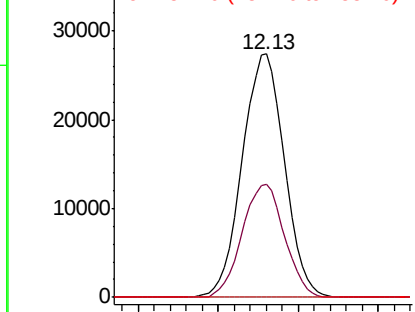
173 100

175 46.5 23.5 70.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

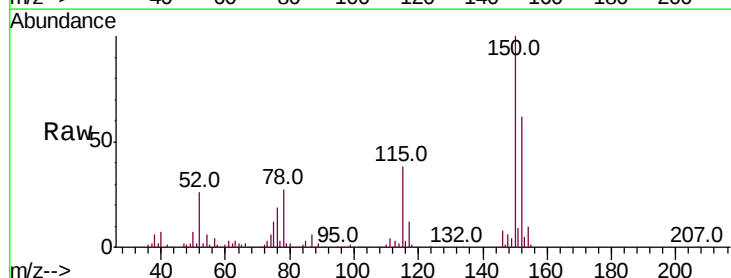
Tgt Ion:152 Resp: 269037

Ion Ratio Lower Upper

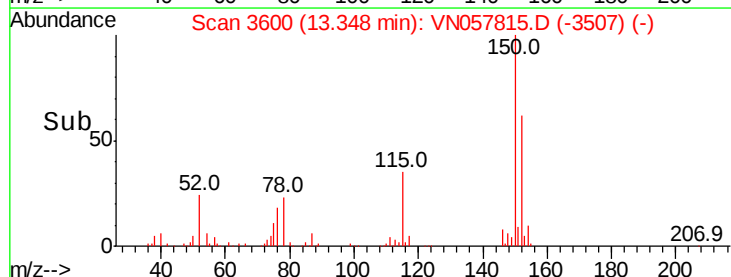
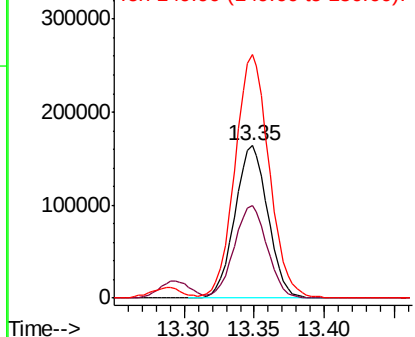
152 100

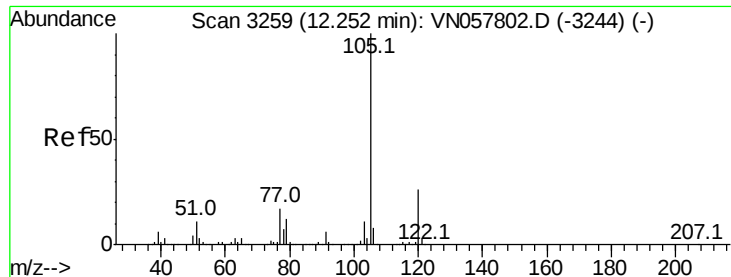
115 60.6 30.3 91.0

150 164.9 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.937 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

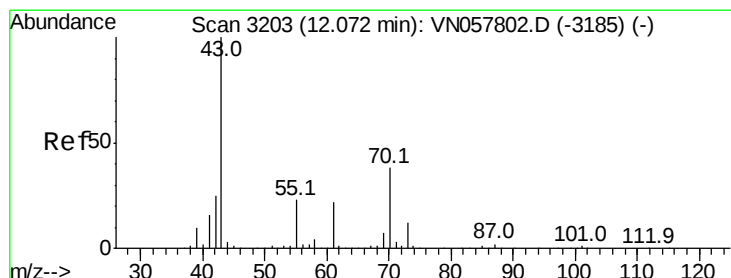
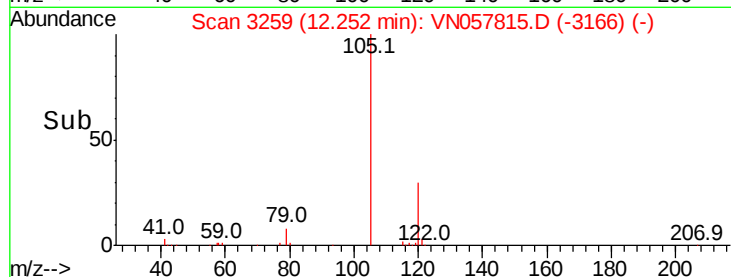
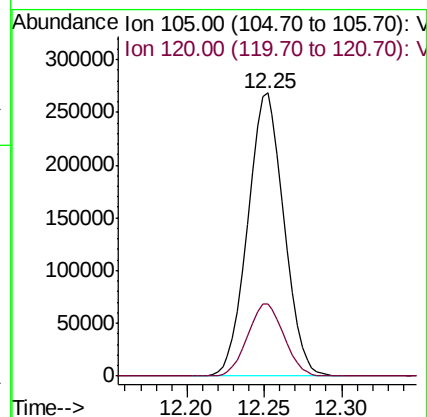
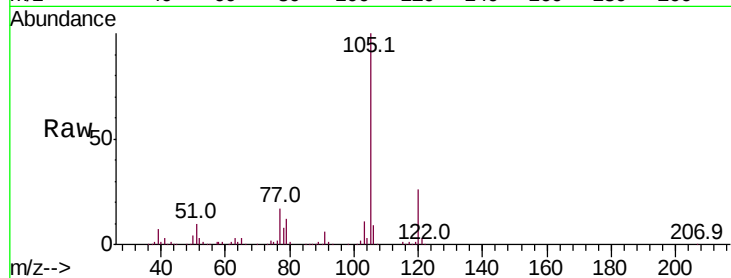
ClientSampleId :

Tot Ion:105 Resp: 437089

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 19.813 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Tgt Ion: 43 Resp: 180012

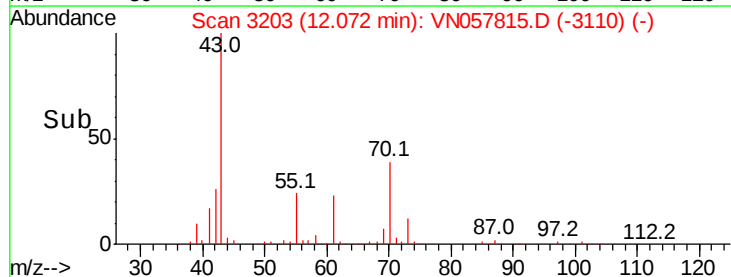
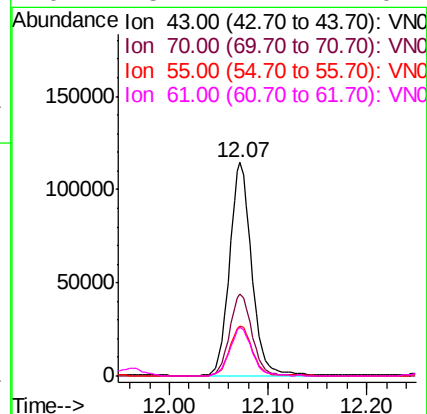
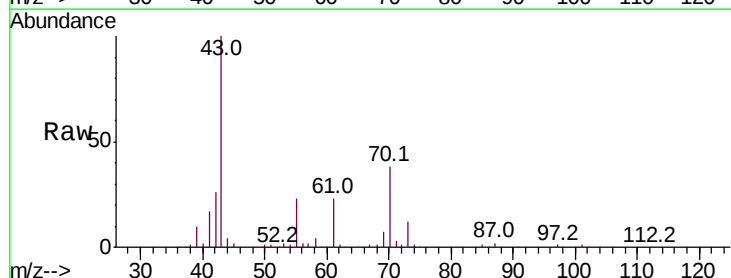
Ion Ratio Lower Upper

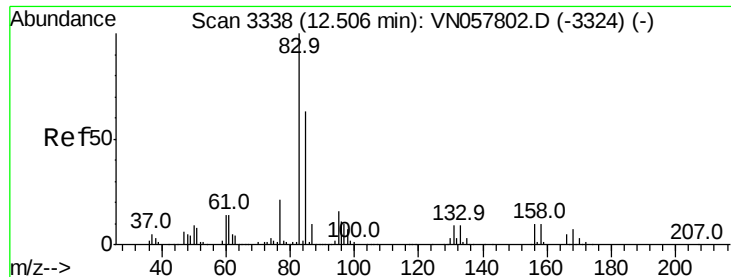
43 100

70 39.4 30.6 45.8

55 23.7 18.6 27.8

61 23.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.016 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

ClientSampled :

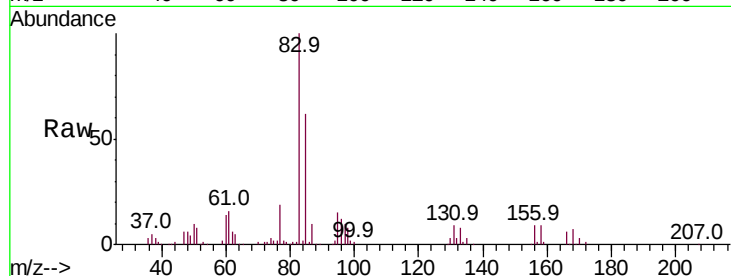
Tot Ion: 83 Resp: 140692

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

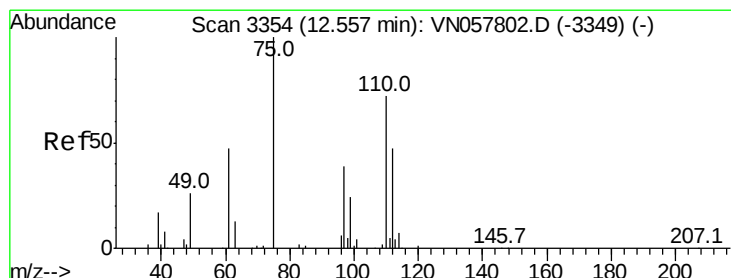
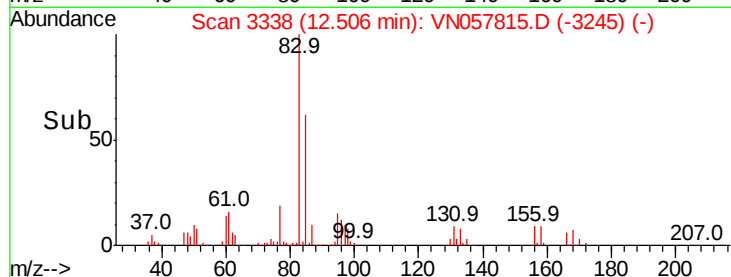
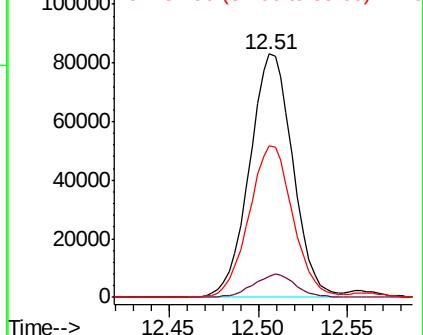
85 63.2 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 26.971 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057815.D

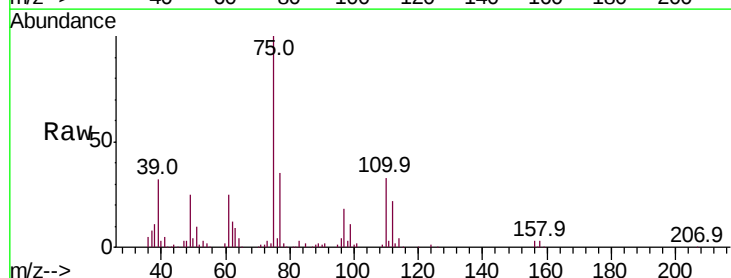
Acq: 9 Sep 2019 20:57

Tgt Ion: 75 Resp: 164149

Ion Ratio Lower Upper

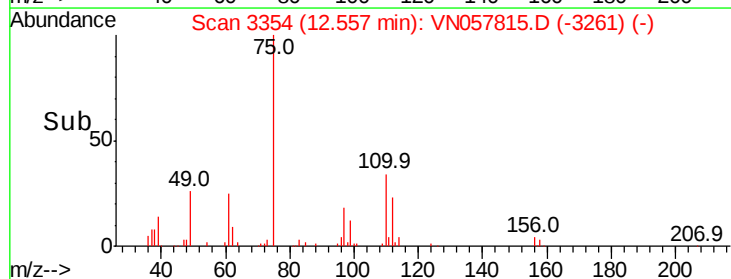
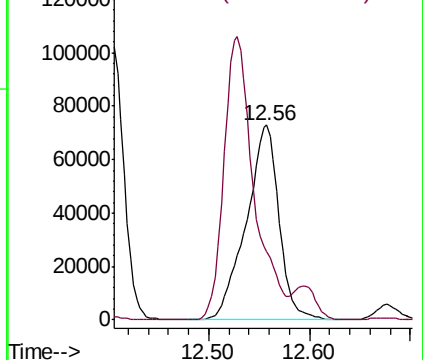
75 100

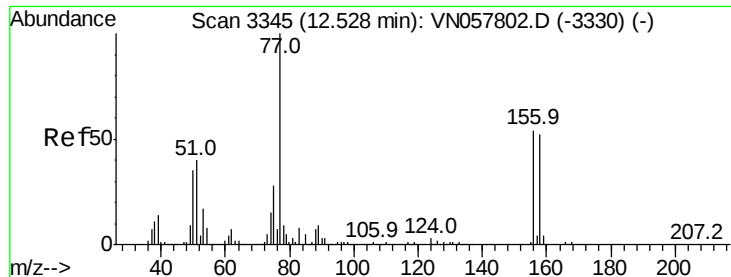
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.008 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

ClientSampleId :

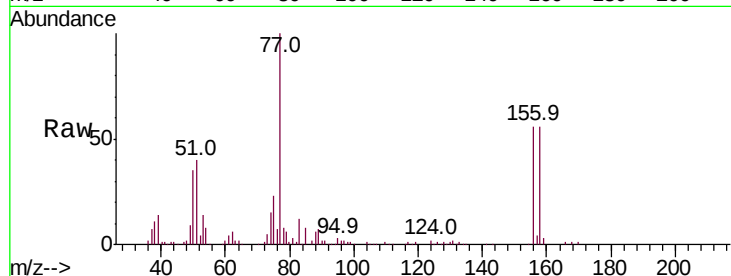
Tot Ion:156 Resp: 98938

Ion Ratio Lower Upper

156 100

77 225.2 113.7 341.1

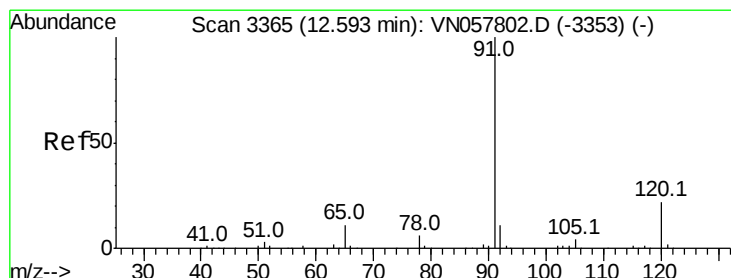
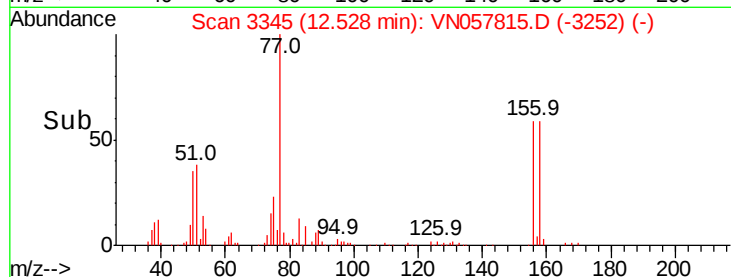
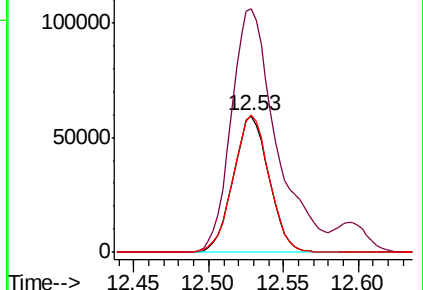
158 101.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.833 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057815.D

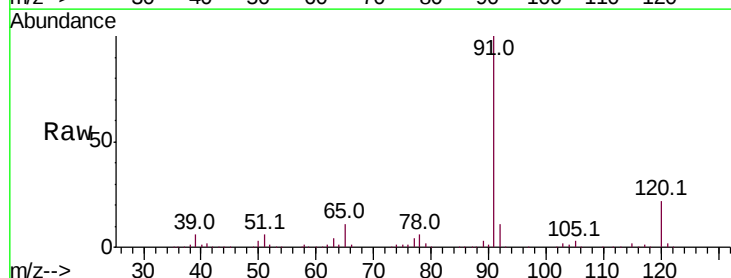
Acq: 9 Sep 2019 20:57

Tgt Ion: 91 Resp: 499427

Ion Ratio Lower Upper

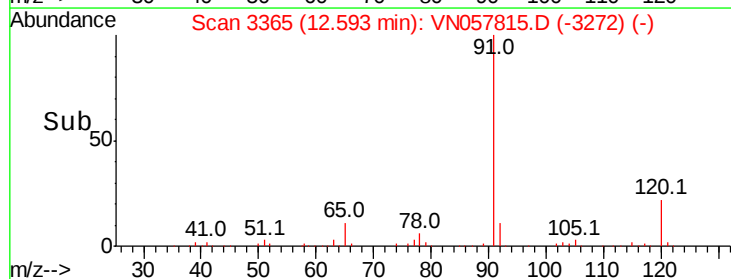
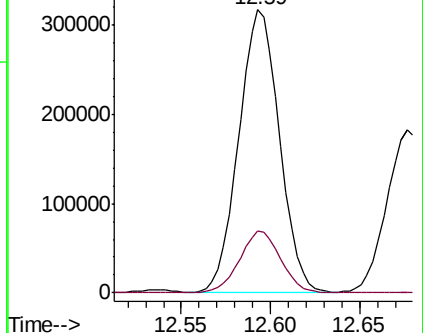
91 100

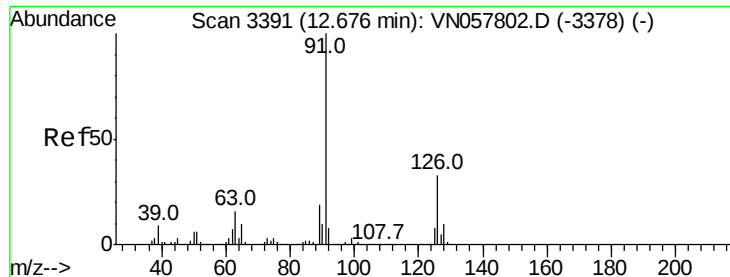
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.739 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

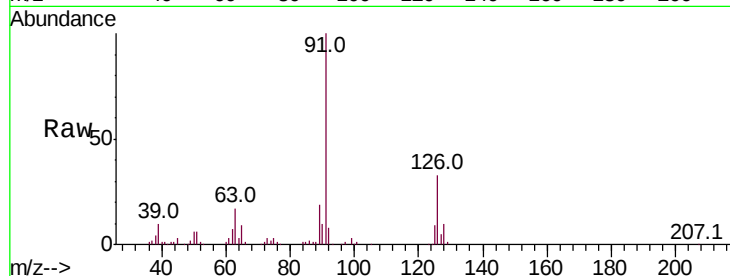
ClientSampled :

Tot Ion: 91 Resp: 299078

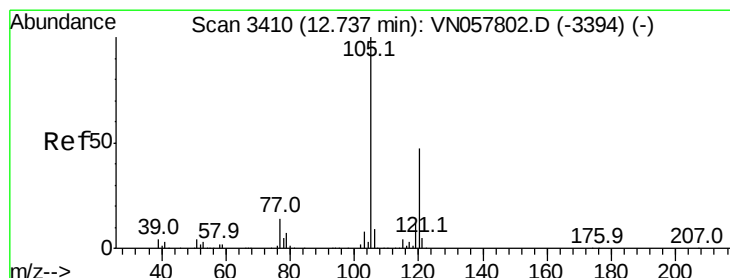
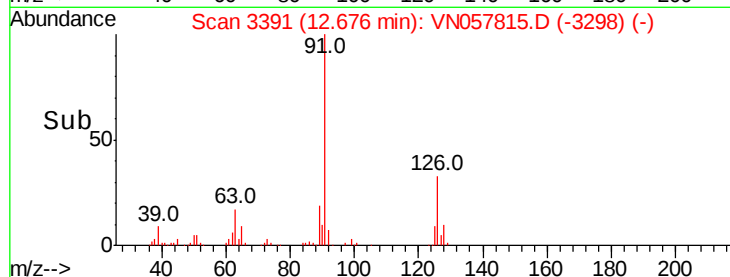
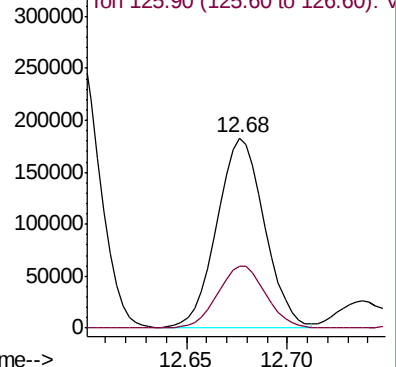
Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.863 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN057815.D

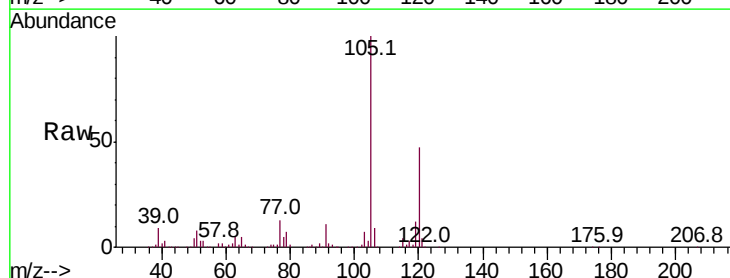
Acq: 9 Sep 2019 20:57

Tgt Ion:105 Resp: 368007

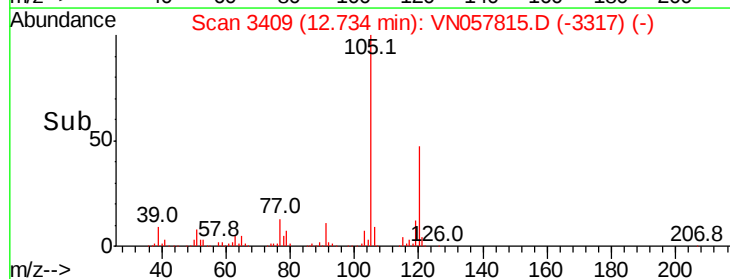
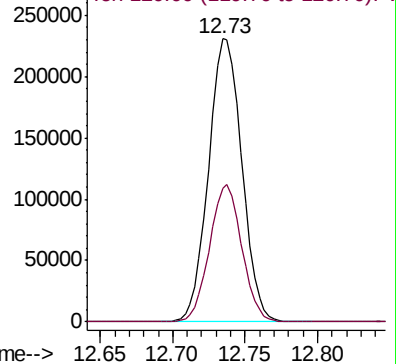
Ion Ratio Lower Upper

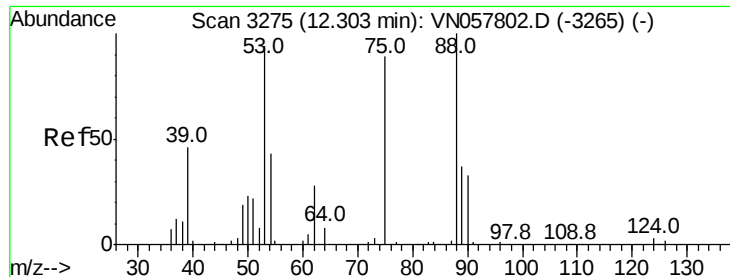
105 100

120 47.1 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN057802.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.995 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

ClientSampled :

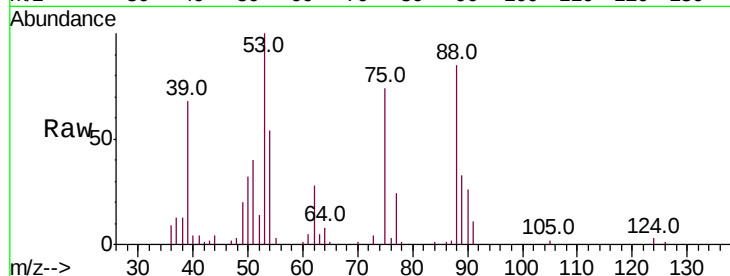
Tot Ion: 75 Resp: 29392

Ion Ratio Lower Upper

75 100

53 127.7 88.4 132.6

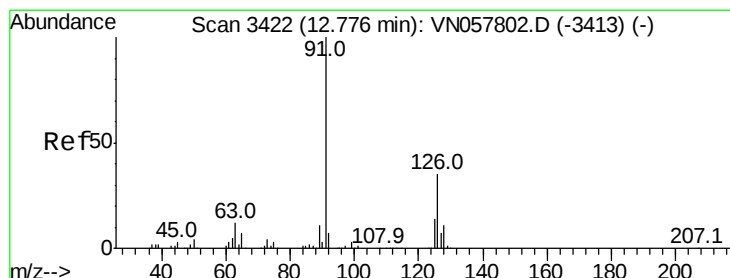
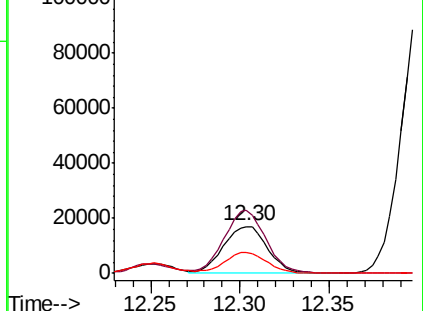
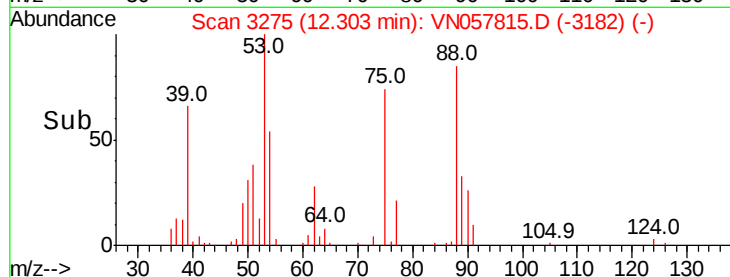
89 42.5 35.3 52.9



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: 19.971 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057815.D

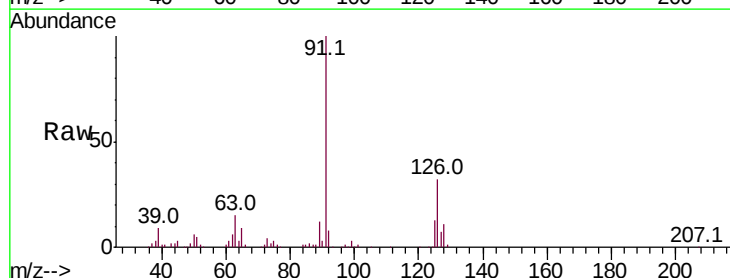
Acq: 9 Sep 2019 20:57

Tgt Ion: 91 Resp: 310739

Ion Ratio Lower Upper

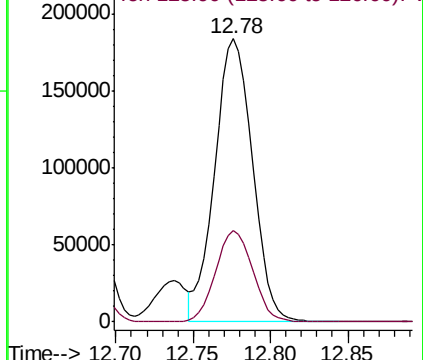
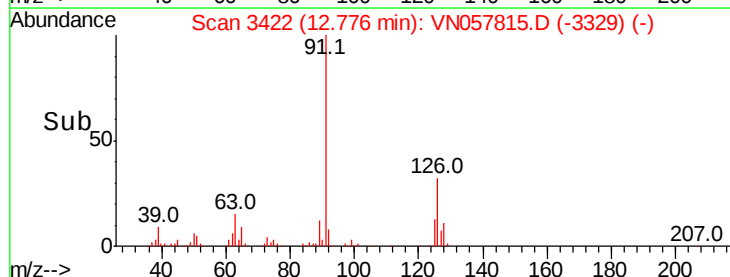
91 100

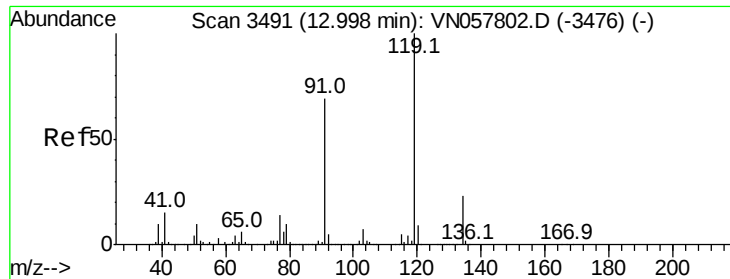
126 32.0 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

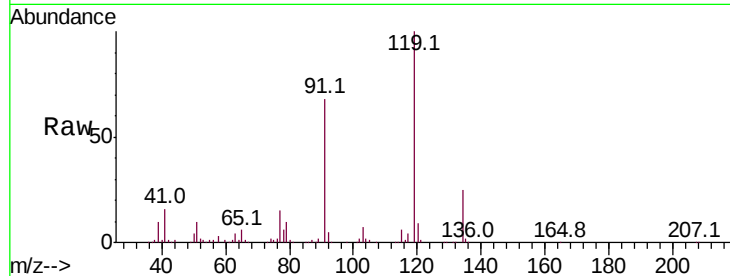




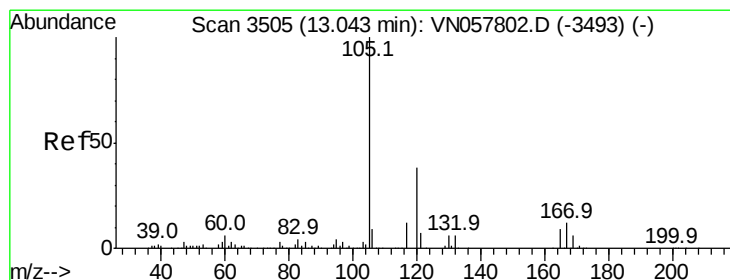
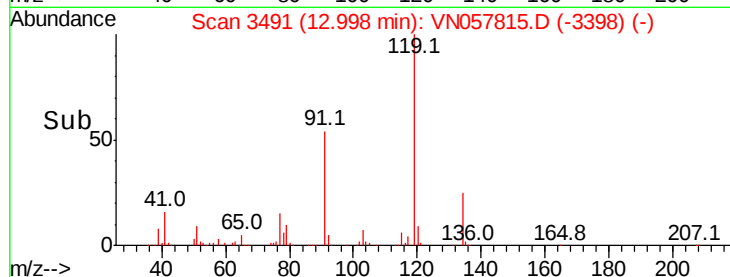
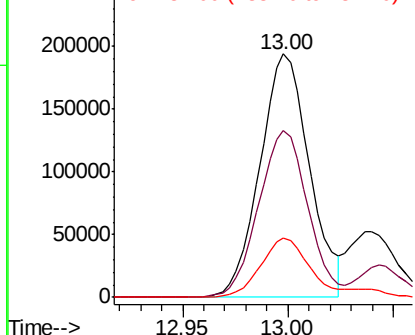
#83  
tert-Butylbenzene  
Concen: 20.275 ug/l  
RT: 13.00 min Scan# 3491  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:119 Resp: 317901  
Ion Ratio Lower Upper  
119 100  
91 67.9 33.6 100.8  
134 26.3 11.7 35.0

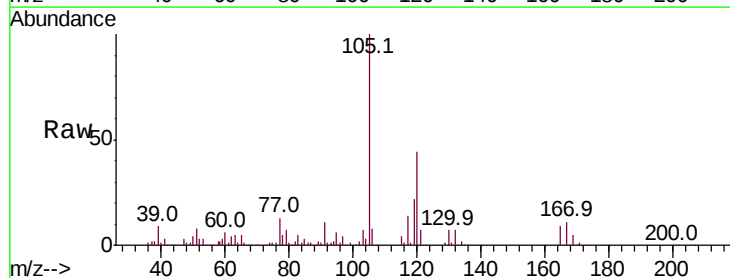


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

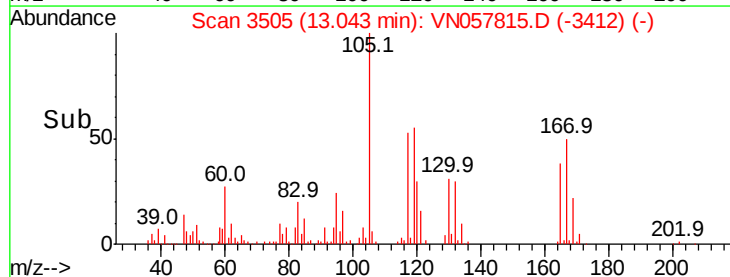
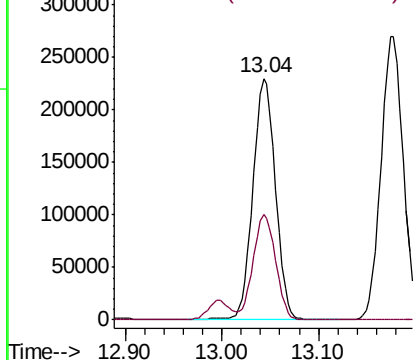


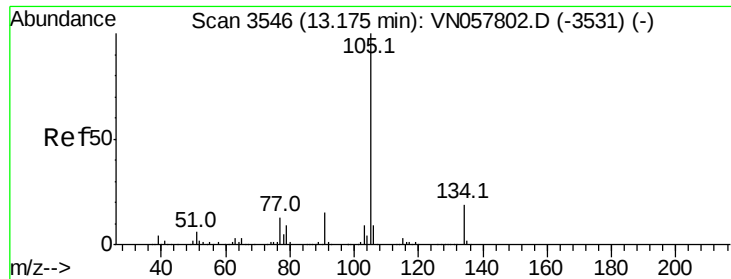
#84  
1,2,4-Trimethylbenzene  
Concen: 20.799 ug/l  
RT: 13.04 min Scan# 3505  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion:105 Resp: 372874  
Ion Ratio Lower Upper  
105 100  
120 43.9 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V

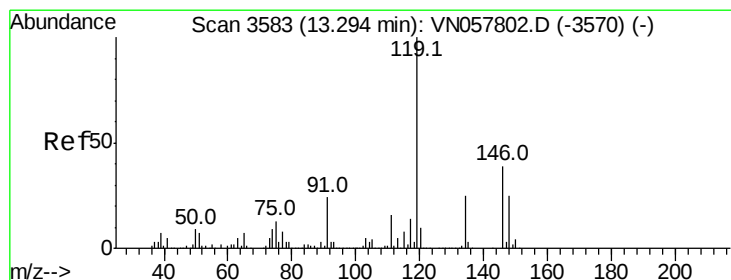
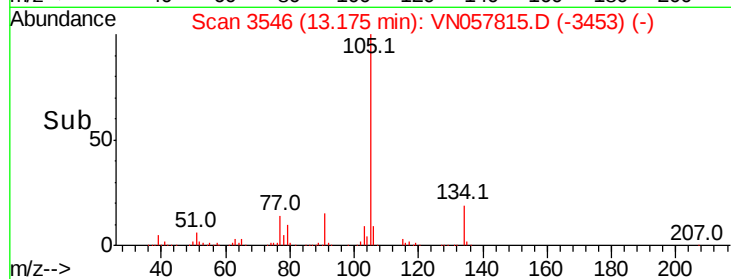
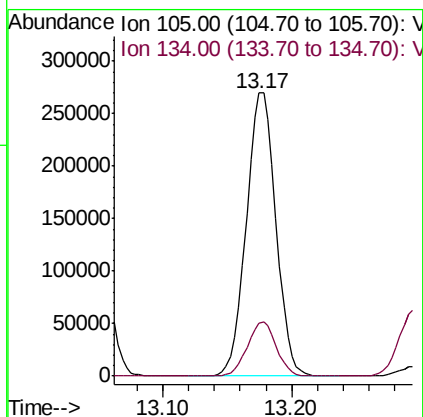
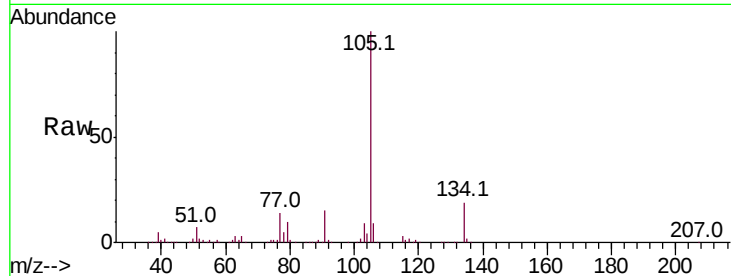




#85  
 sec-Butylbenzene  
 Concen: 20.715 ug/l  
 RT: 13.17 min Scan# 3546  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

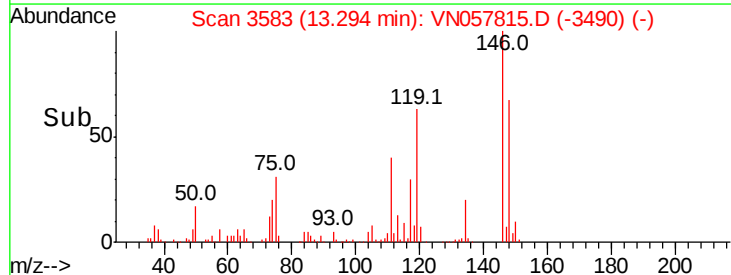
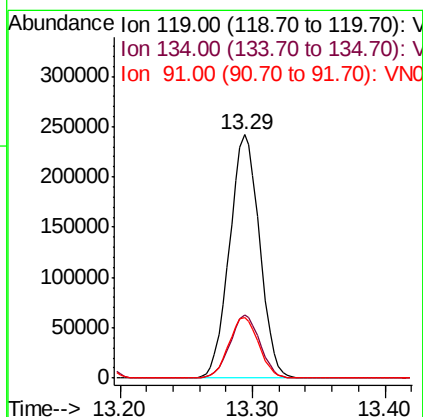
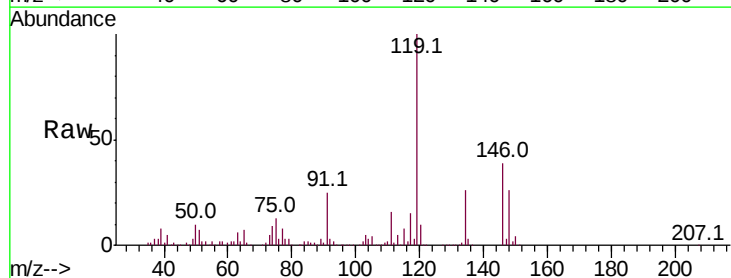
Instrument :  
 MSVOA\_N  
 ClientSampled :

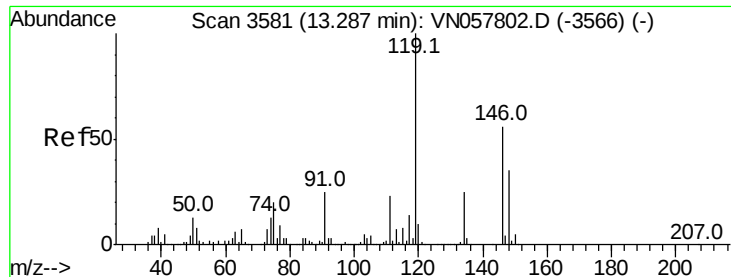
Tot Ion:105 Resp: 430514  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 20.783 ug/l  
 RT: 13.29 min Scan# 3583  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Tgt Ion:119 Resp: 380570  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.5 37.5  
 91 24.9 12.3 36.8

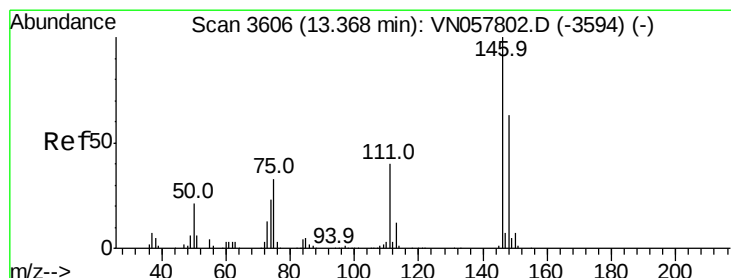
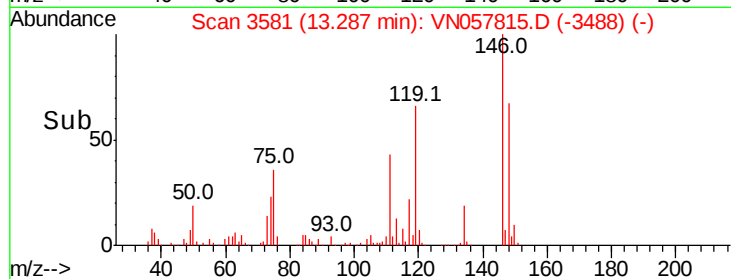
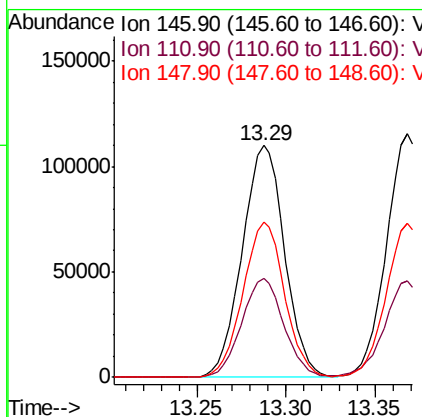
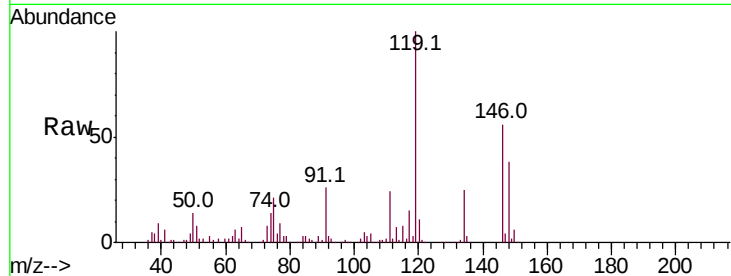




#87  
 1,3-Dichlorobenzene  
 Concen: 19.084 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

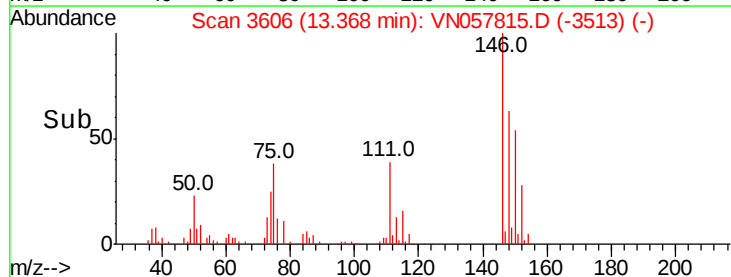
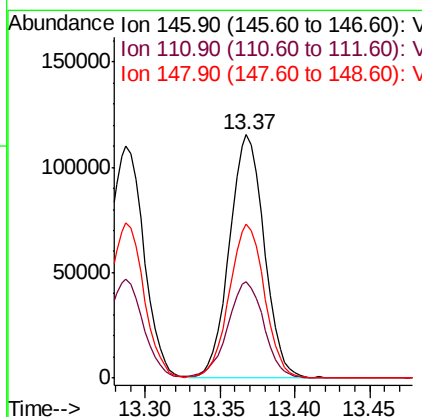
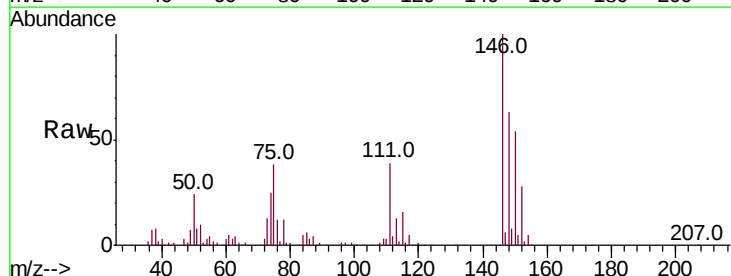
Instrument :  
 MSVOA\_N  
 ClientSampleId :

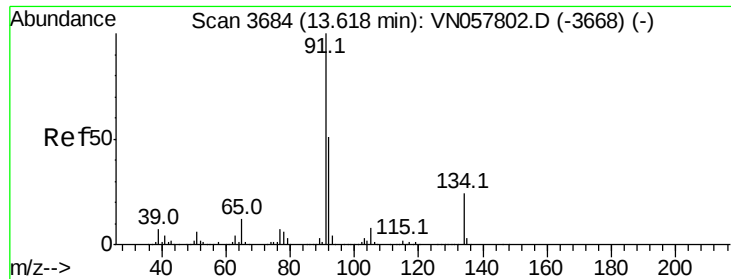
Tot Ion:146 Resp: 182323  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 20.5 61.6  
 148 65.9 31.5 94.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.232 ug/l  
 RT: 13.37 min Scan# 3606  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

Tgt Ion:146 Resp: 186498  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.4 61.2  
 148 64.1 31.8 95.4

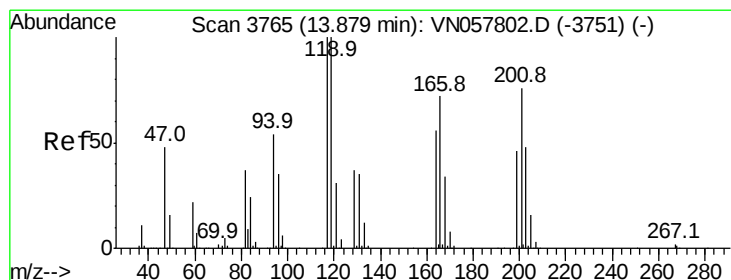
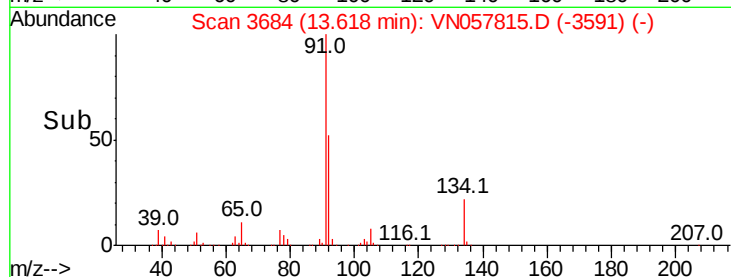
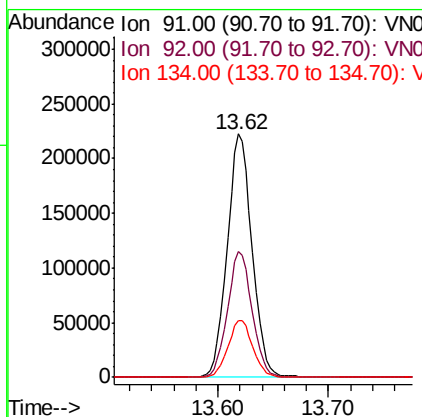
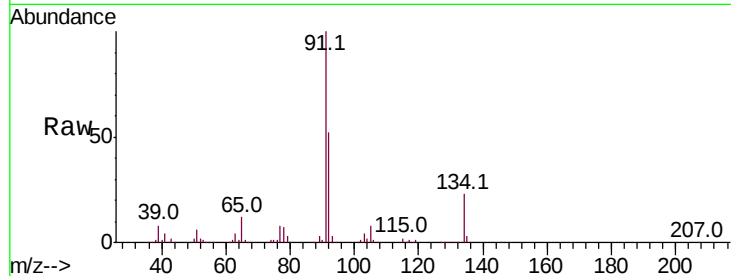




#89  
n-Butylbenzene  
Concen: 20.077 ug/l  
RT: 13.62 min Scan# 3684  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

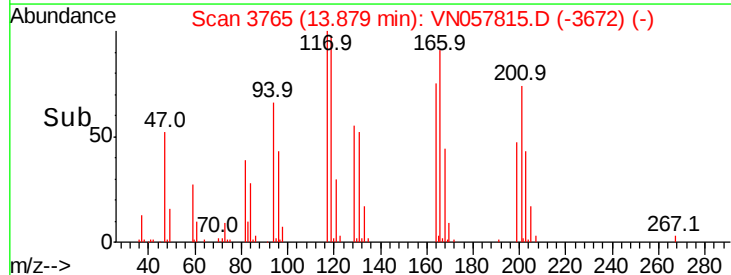
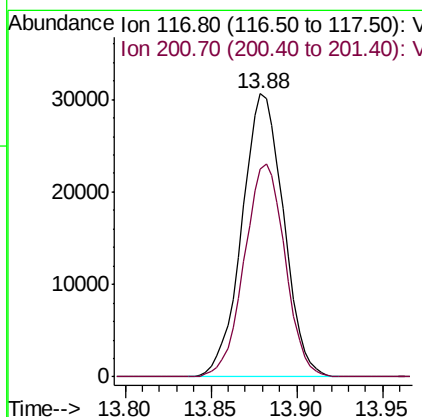
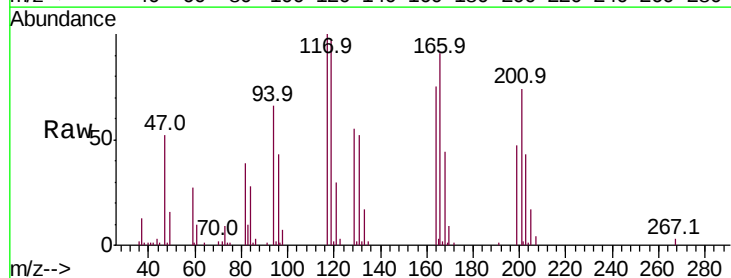
Instrument :  
MSVOA\_N  
ClientSampleId :

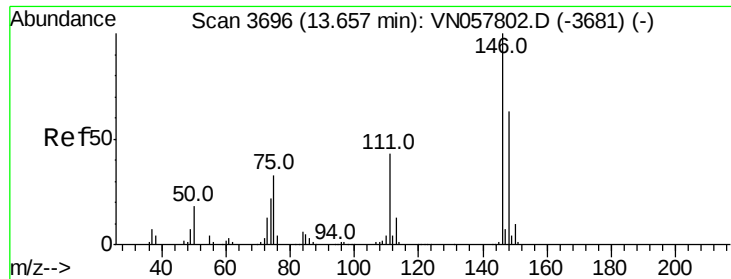
Tot Ion: 91 Resp: 347177  
Ion Ratio Lower Upper  
91 100  
92 51.1 25.7 77.0  
134 23.6 11.9 35.7



#90  
Hexachloroethane  
Concen: 18.879 ug/l  
RT: 13.88 min Scan# 3765  
Delta R.T. 0.00 min  
Lab File: VN057815.D  
Acq: 9 Sep 2019 20:57

Tgt Ion: 117 Resp: 51413  
Ion Ratio Lower Upper  
117 100  
201 73.4 37.5 112.7

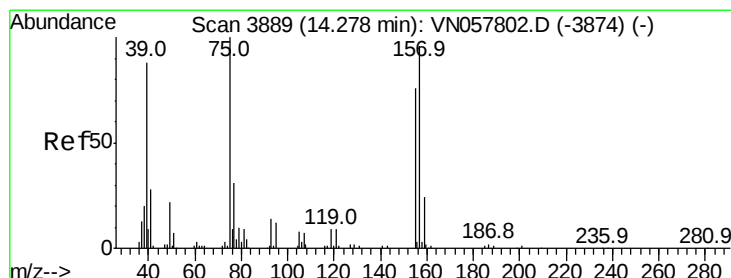
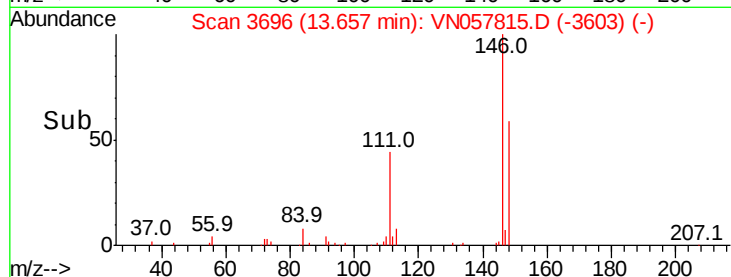
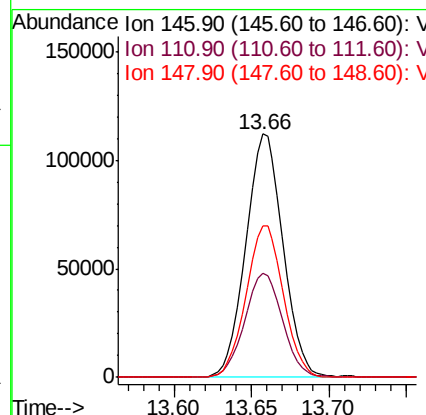
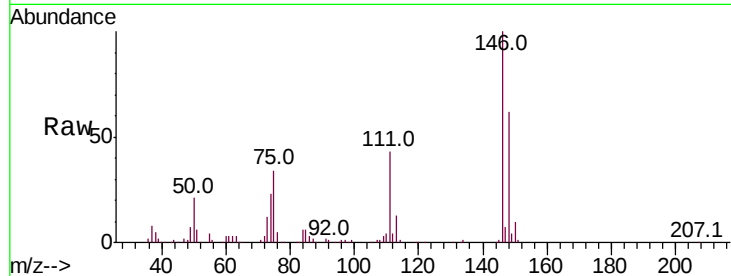




#91  
 1,2-Dichlorobenzene  
 Concen: 19.707 ug/l  
 RT: 13.66 min Scan# 3696  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

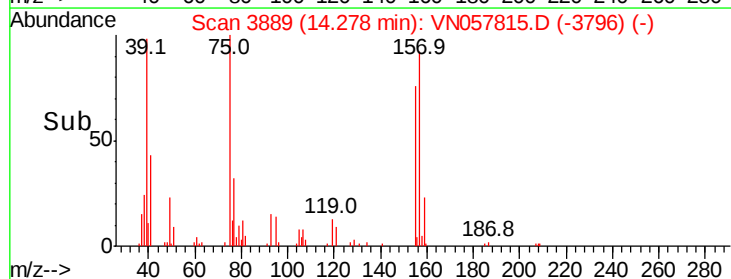
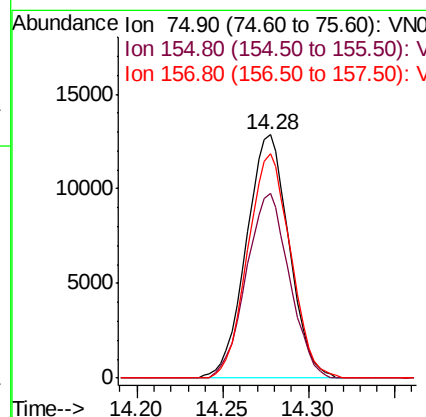
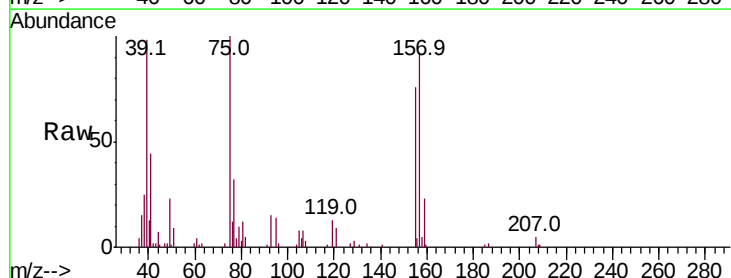
Instrument :  
 MSVOA\_N  
 ClientSampled :

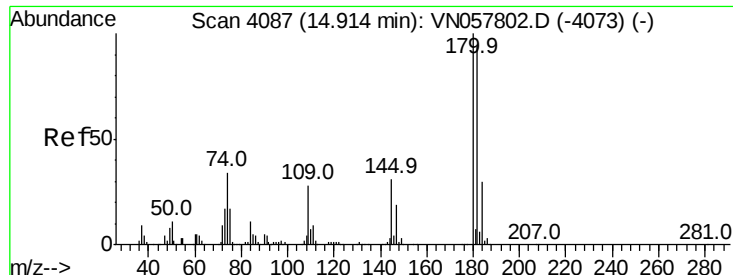
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.5  | 21.3  | 63.9  |
| 148     | 62.2  | 31.4  | 94.3  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.120 ug/l  
 RT: 14.28 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 76.4  | 37.3  | 111.8 |
| 157     | 92.5  | 47.9  | 143.8 |

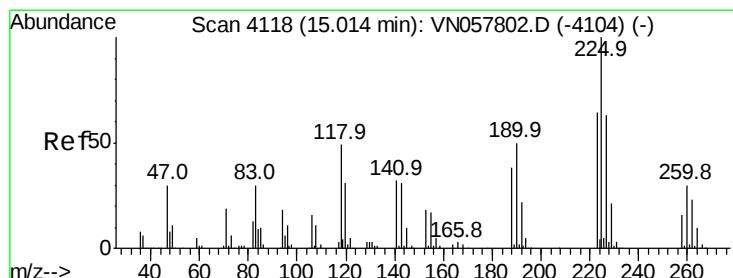
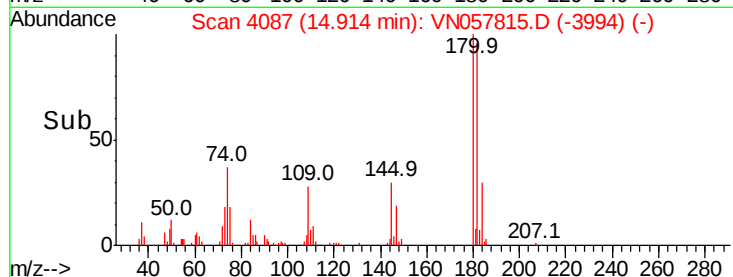
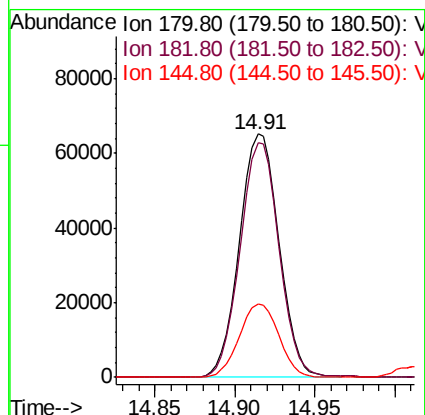
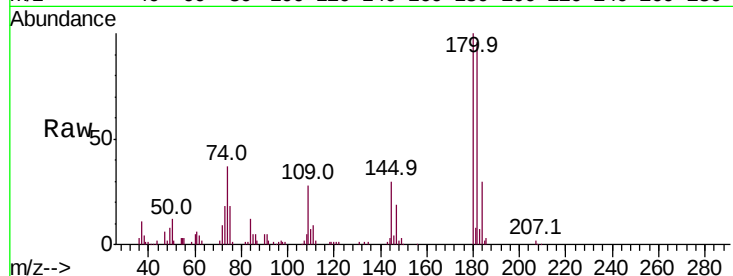




#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.599 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

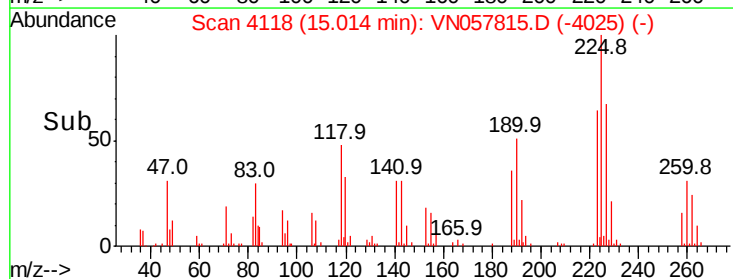
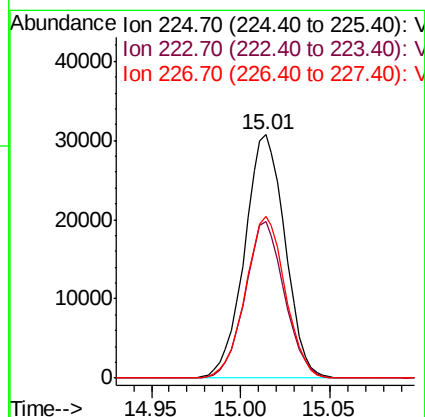
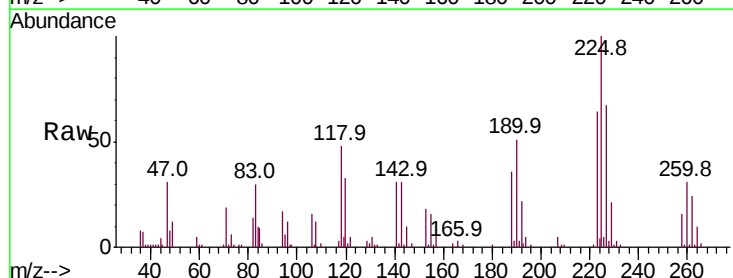
Instrument :  
 MSVOA\_N  
 ClientSampled :

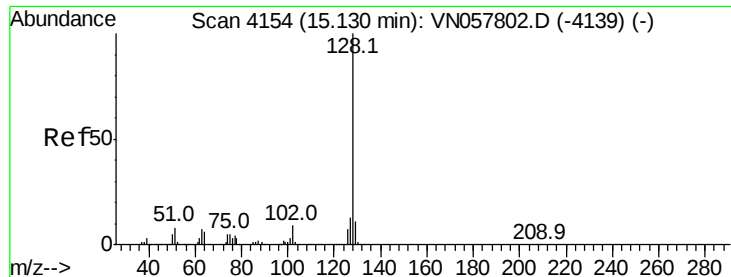
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 46.9  | 140.8 |
| 145     | 30.2  | 14.9  | 44.7  |



#94  
 Hexachlorobutadiene  
 Concen: 18.375 ug/l  
 RT: 15.01 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN057815.D  
 Acq: 9 Sep 2019 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 32.4  | 97.2  |
| 227     | 65.0  | 31.8  | 95.4  |





#95

Naphthalene

Concen: 19.563 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

Instrument :

MSVOA\_N

ClientSampleId :

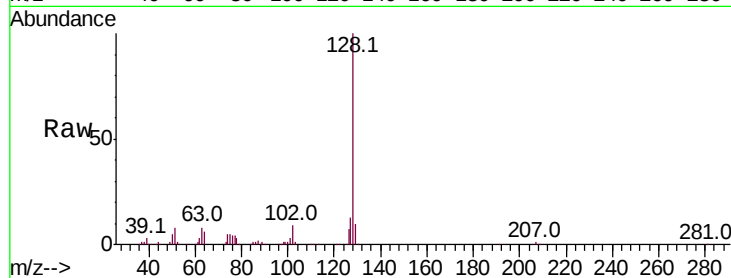
Tot Ion:128 Resp: 323169

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

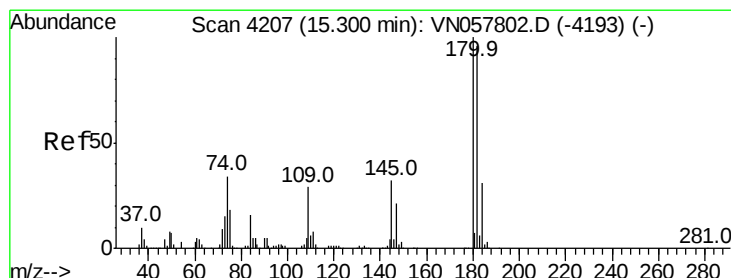
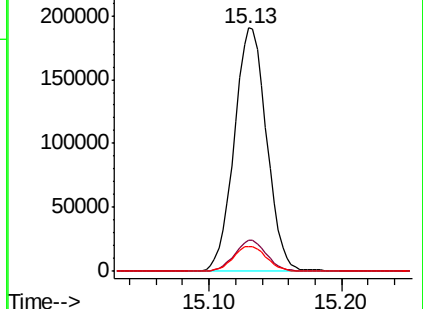
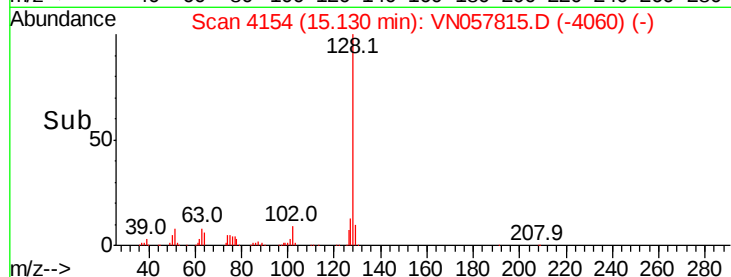
129 10.5 8.6 12.8



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: 20.064 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN057815.D

Acq: 9 Sep 2019 20:57

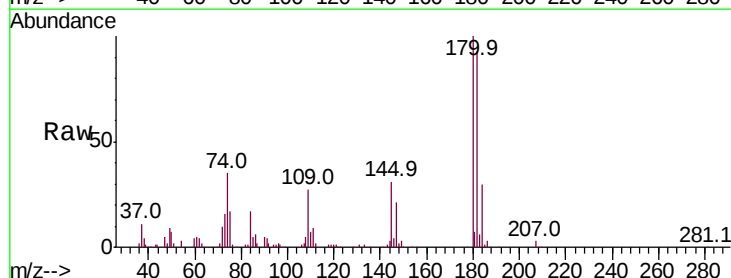
Tgt Ion:180 Resp: 105952

Ion Ratio Lower Upper

180 100

182 94.2 48.3 144.8

145 32.3 16.3 48.8



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

