

Data File : VN053383.D  
Acq On : 14 Jan 2019 11:30  
Operator : JC/SP  
Sample : VN0114MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 6 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

Quant Time: Jan 14 22:51:41 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N010519W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 07 09:34:27 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 820570   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1250956  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1139197  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 552722   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65  | 409723   | 47.99 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.98%  |      |
| 35) Dibromofluoromethane    | 7.59   | 113 | 357240   | 50.17 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.34% |      |
| 50) Toluene-d8              | 10.09  | 98  | 1484832  | 48.33 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.66%  |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 534459   | 49.69 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.38%  |      |

| Target Compounds              |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 137786  | 19.047 | ug/l   | 99     |
| 3) Chloromethane              | 2.06 | 50  | 194447  | 19.248 | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.19 | 62  | 182942  | 18.973 | ug/l   | 98     |
| 5) Bromomethane               | 2.55 | 94  | 119720  | 19.001 | ug/l   | 100    |
| 6) Chloroethane               | 2.70 | 64  | 109151  | 18.754 | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 239746  | 19.196 | ug/l   | 100    |
| 8) Diethyl Ether              | 3.41 | 74  | 93380   | 19.076 | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 151405  | 19.128 | ug/l   | 100    |
| 10) Methyl Iodide             | 3.96 | 142 | 222372  | 20.042 | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.78 | 59  | 41620   | 81.055 | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 145480  | 19.001 | ug/l   | 98     |
| 13) Acrolein                  | 3.61 | 56  | 57779   | 89.495 | ug/l   | 100    |
| 14) Allyl chloride            | 4.33 | 41  | 242299  | 19.635 | ug/l   | 96     |
| 15) Acrylonitrile             | 4.99 | 53  | 288651  | 94.168 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43  | 186410  | 89.291 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.06 | 76  | 403757  | 17.105 | ug/l   | 100    |
| 18) Methyl Acetate            | 4.32 | 43  | 142231  | 18.409 | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 415210  | 19.322 | ug/l   | 99     |
| 20) Methylene Chloride        | 4.55 | 84  | 176070  | 19.203 | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 157025  | 19.101 | ug/l   | 98     |
| 22) Diisopropyl ether         | 5.95 | 45  | 535475  | 20.142 | ug/l   | 99     |
| 23) Vinyl Acetate             | 5.90 | 43  | 1618349 | 96.749 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 300467  | 19.597 | ug/l   | 100    |
| 25) 2-Butanone                | 6.83 | 43  | 317282  | 90.590 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 223939  | 19.980 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 187581  | 19.981 | ug/l   | 99     |
| 28) Bromochloromethane        | 7.19 | 49  | 140333  | 21.478 | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 212857  | 92.096 | ug/l   | 98     |
| 30) Chloroform                | 7.37 | 83  | 301107  | 19.952 | ug/l   | 99     |
| 31) Cyclohexane               | 7.66 | 56  | 278310  | 18.980 | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 250234  | 19.898 | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 227840  | 19.509 | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.93 | 43  | 141239  | 18.567 | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.78 | 117 | 212967  | 19.757 | ug/l   | 97     |

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MSVOA\_N  
ClientSampleId :  
VN0114MBS01

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N010519W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 07 09:34:27 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 271882   | 20.095  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 707698   | 19.838  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.17  | 41   | 75563    | 16.000  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 212497   | 20.082  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 258608   | 17.281  | ug/l # | 90       |
| 44) Trichloroethene            | 8.83  | 130  | 192728   | 19.675  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 187964   | 20.090  | ug/l   | 97       |
| 46) Dibromomethane             | 9.21  | 93   | 107234   | 19.657  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.40  | 83   | 223577   | 19.666  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 128926   | 18.963  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 23900    | 329.953 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 718847   | 95.522  | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 439965   | 20.103  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 229280   | 19.715  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 271289   | 20.187  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 158793   | 19.733  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 204331   | 19.539  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 269598   | 20.034  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 541956   | 95.861  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 496536   | 96.300  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 171648   | 19.776  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 155368   | 19.565  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.63 | 164  | 218513   | 20.380  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 497345   | 20.097  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 172280   | 19.889  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 845309   | 20.102  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 648129   | 40.988  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 317707   | 20.523  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 526345   | 20.891  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 120271   | 19.658  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 838458   | 20.375  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 233661   | 19.015  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 182389   | 19.267  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 245893   | 30.501  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 221200   | 20.140  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 965677   | 20.746  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 572797   | 20.337  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 694688   | 20.957  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 52914    | 19.311  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 581570   | 20.137  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 611112   | 21.013  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 699940   | 20.727  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 835423   | 21.782  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 728171   | 21.928  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 389109   | 20.118  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 382135   | 19.917  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 600650   | 21.574  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 107616   | 20.219  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 366039   | 20.204  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 22322    | 19.441  | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN011419\  
Quantitation Report (Not Reviewed)

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Sample : VN0114MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 6 Sample Multiplier: 28

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Quant Title : SW846 8260  
QLast Update : Mon Jan 07 09:34:27 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 141216   | 24.790 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 116718   | 25.050 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 234676   | 24.149 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 97037    | 26.018 | ug/l  | 99       |

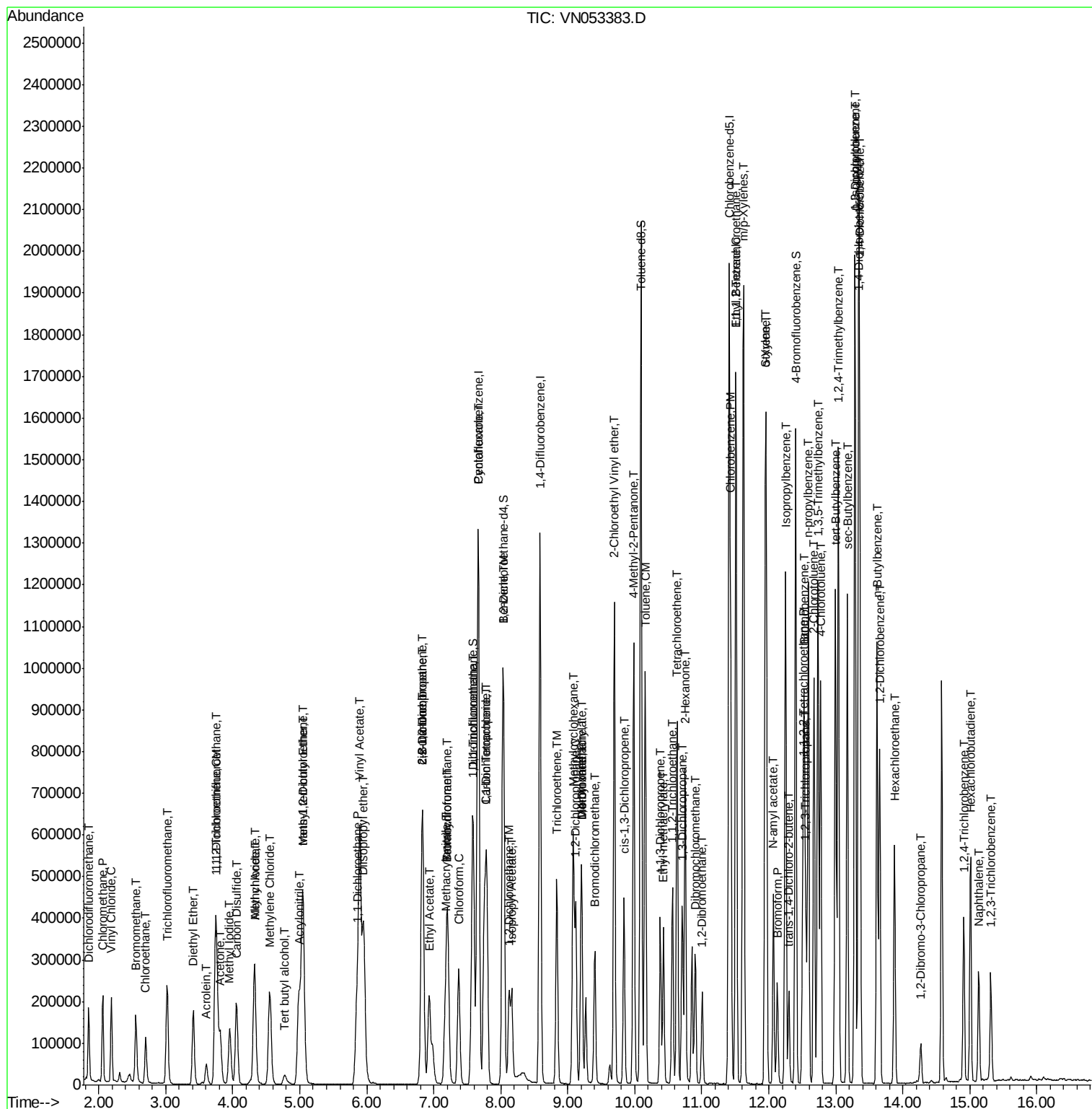
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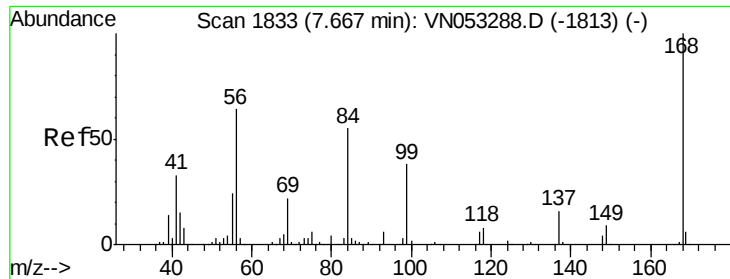
Data File : VN053383.D

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Acq On       : 14 Jan 2019   11:30
Operator     : JC/SP
Sample       : VN0114MBS01
Misc         : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial     : 6      Sample Multiplier: 28
```

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
VN0114MBS01

Quant Time: Jan 14 22:51:41 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N010519W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 07 09:34:27 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

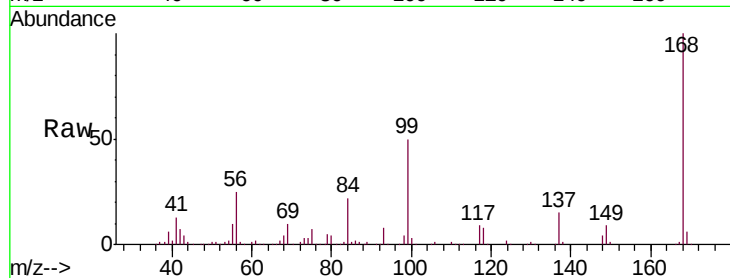
VN0114MBS01

Tgt Ion:168 Resp: 820570

Ion Ratio Lower Upper

168 100

99 49.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

300000

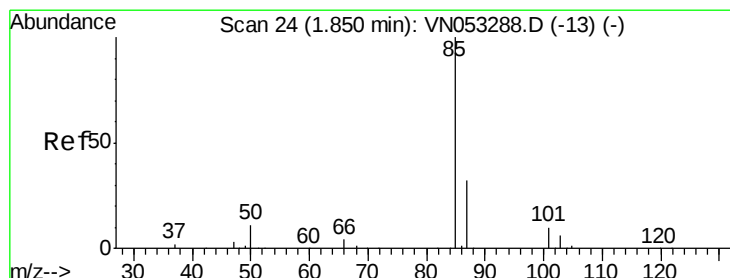
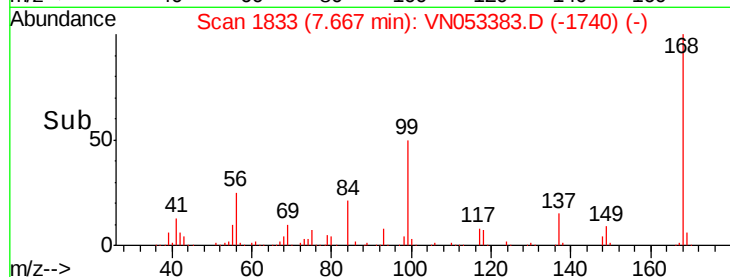
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.047 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053383.D

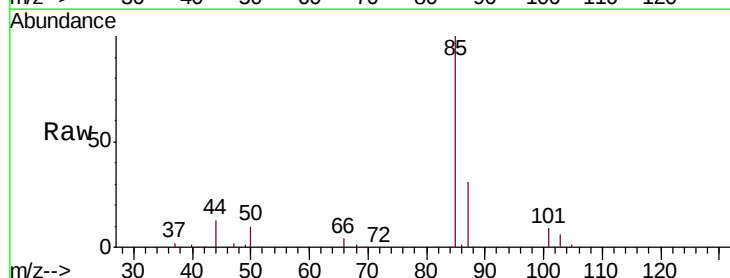
Acq: 14 Jan 2019 11:30

Tgt Ion: 85 Resp: 137786

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

120000

100000

80000

60000

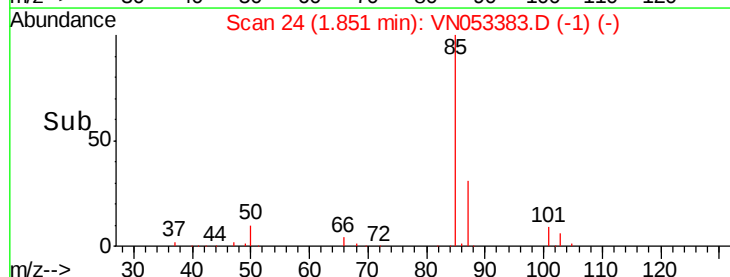
40000

20000

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1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.248 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

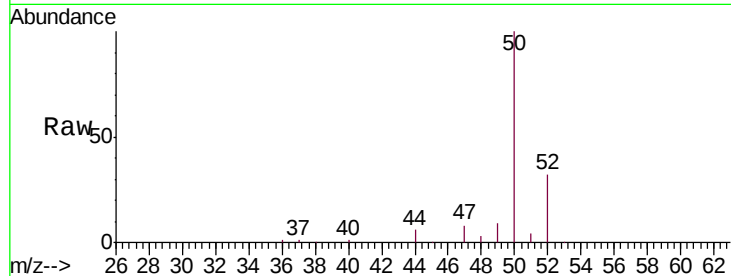
VN0114MBS01

Tgt Ion: 50 Resp: 194447

Ion Ratio Lower Upper

50 100

52 32.1 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

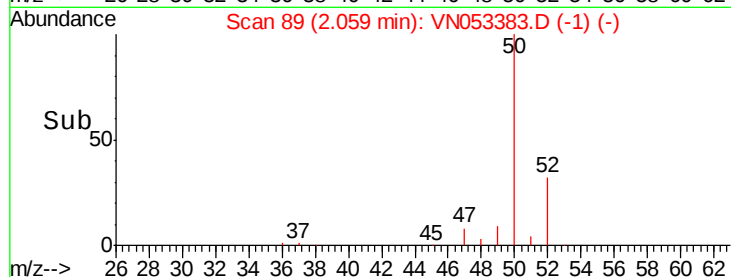
150000

100000

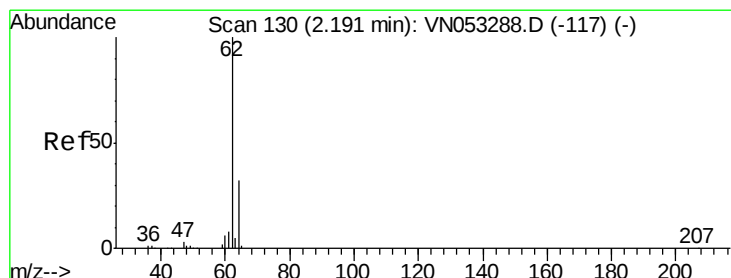
50000

0

2.00 2.05 2.10



Time-->



#4

Vinyl Chloride

Concen: 18.973 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053383.D

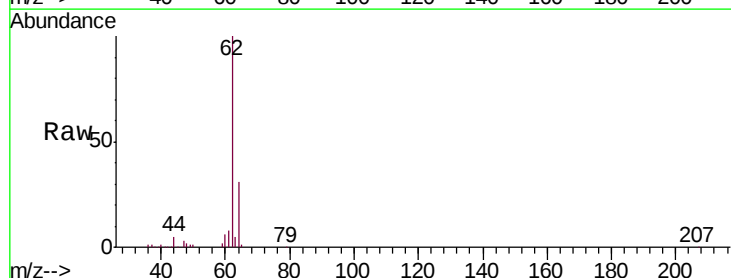
Acq: 14 Jan 2019 11:30

Tgt Ion: 62 Resp: 182942

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

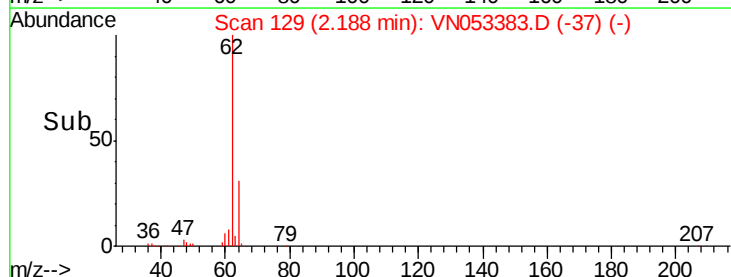
Ion 63.90 (63.60 to 64.60): VNO

100000

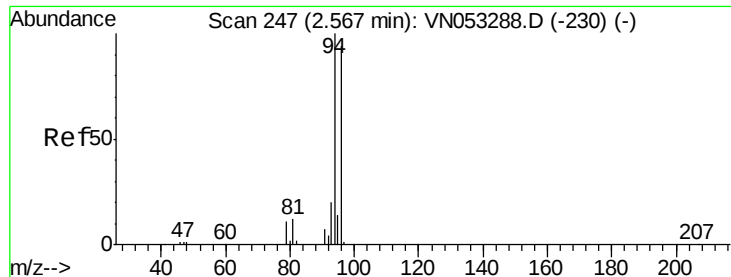
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0

2.15 2.20 2.25



Time-->



#5

Bromomethane

Concen: 19.001 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

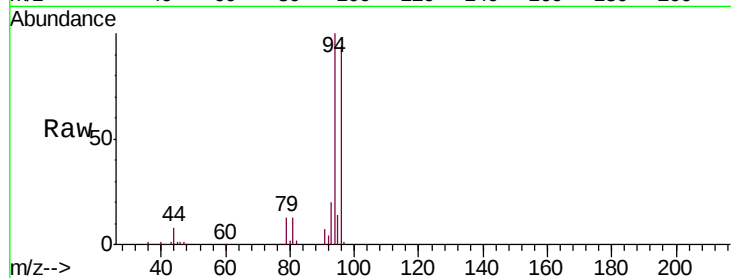
VN0114MBS01

Tgt Ion: 94 Resp: 119720

Ion Ratio Lower Upper

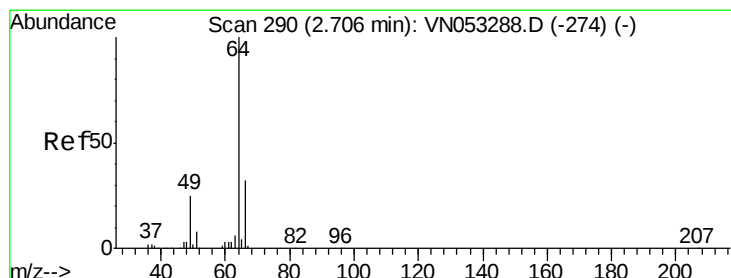
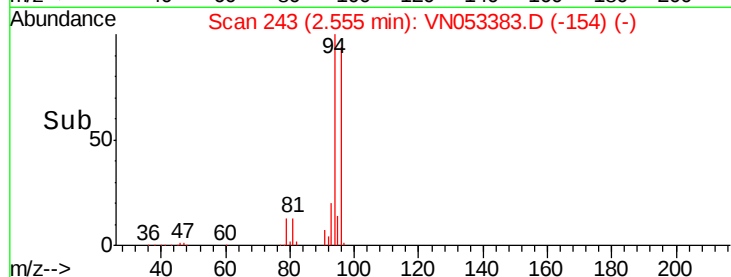
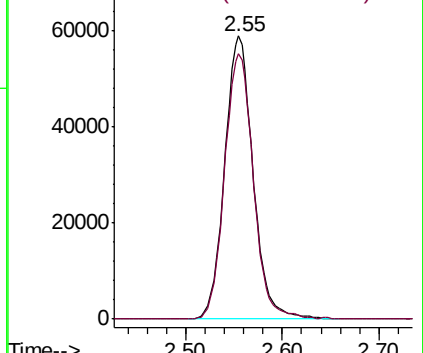
94 100

96 94.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.754 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN053383.D

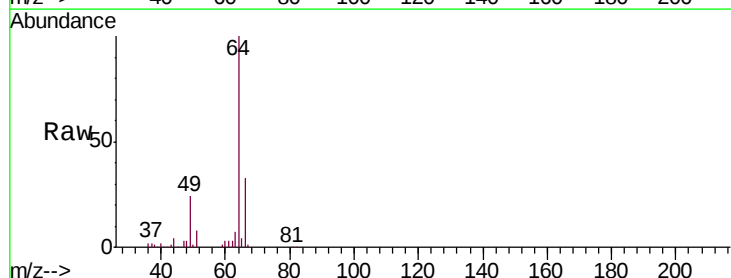
Acq: 14 Jan 2019 11:30

Tgt Ion: 64 Resp: 109151

Ion Ratio Lower Upper

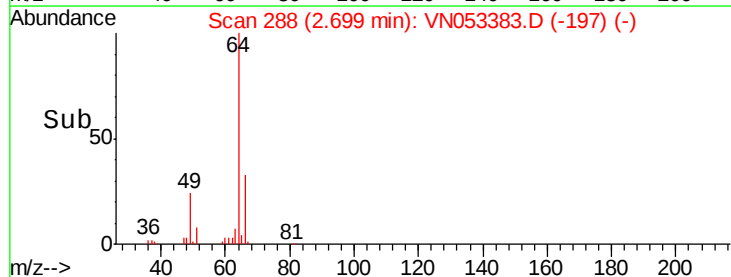
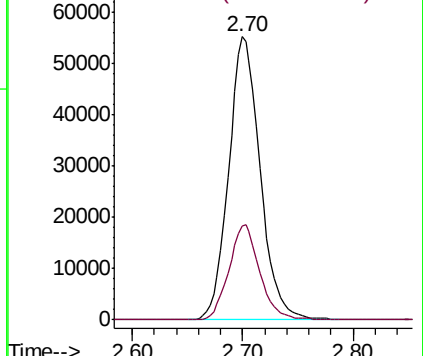
64 100

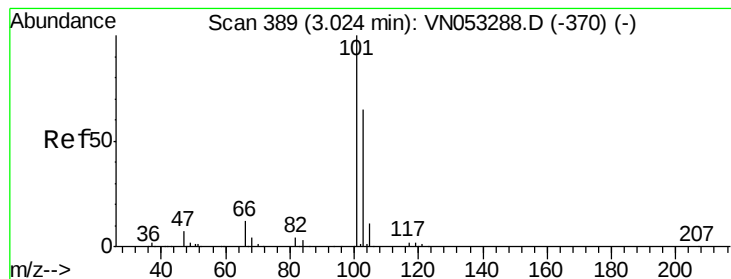
66 33.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



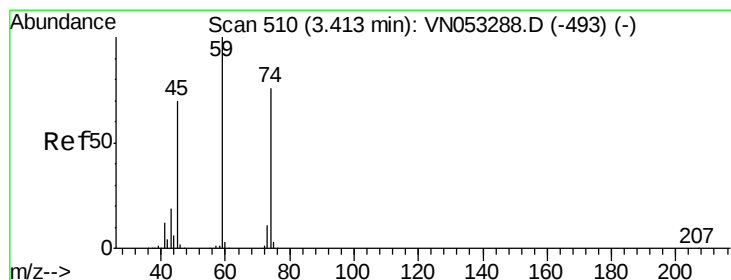
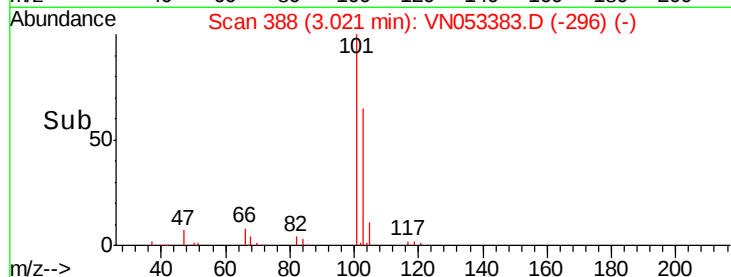
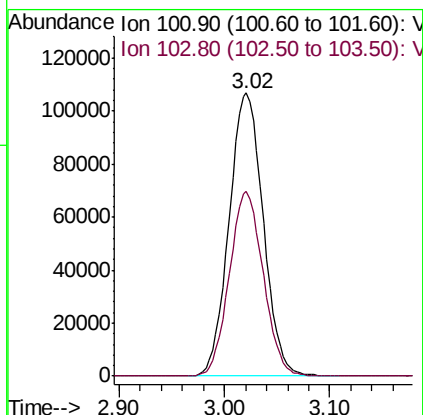
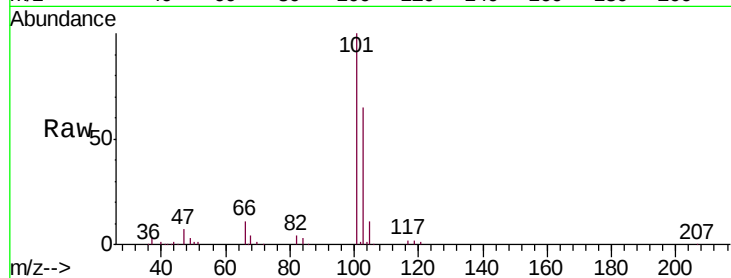


#7

Trichlorofluoromethane  
 Concen: 19.196 ug/l  
 RT: 3.02 min Scan# 388  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

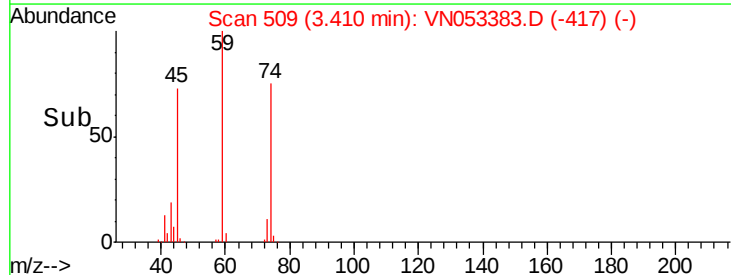
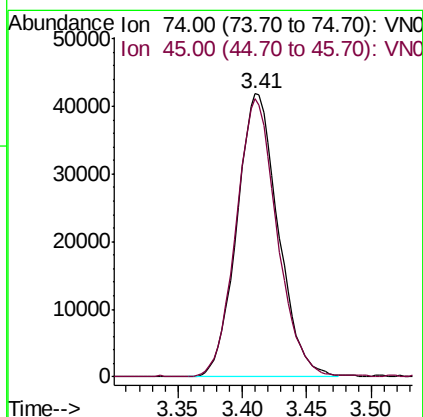
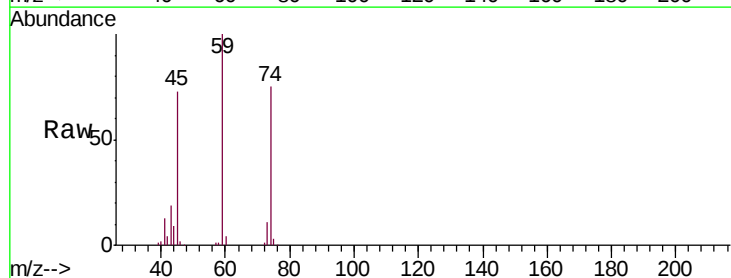
Tgt Ion:101 Resp: 239746  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 52.1 78.1

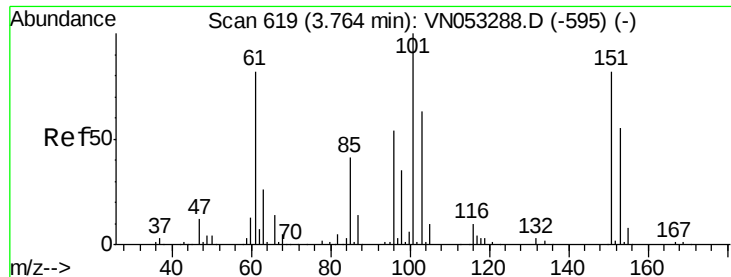


#8

Diethyl Ether  
 Concen: 19.076 ug/l  
 RT: 3.41 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Tgt Ion: 74 Resp: 93380  
 Ion Ratio Lower Upper  
 74 100  
 45 97.7 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.128 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

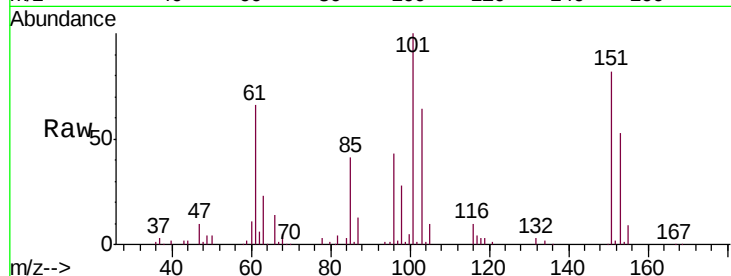
Tgt Ion:101 Resp: 151405

Ion Ratio Lower Upper

101 100

85 41.5 33.3 49.9

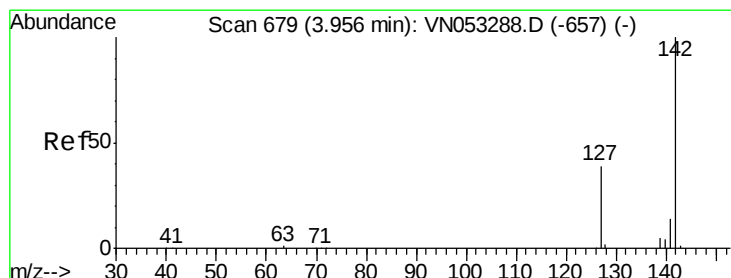
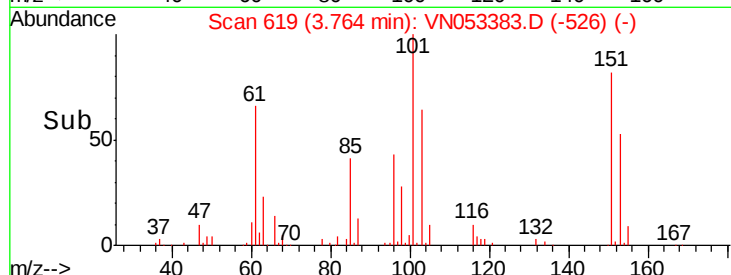
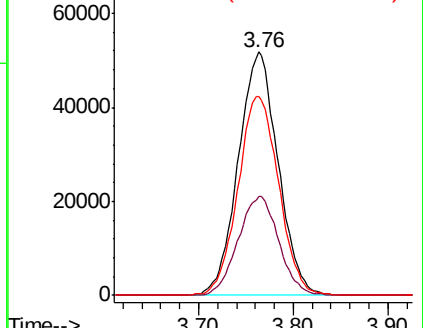
151 83.5 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.042 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

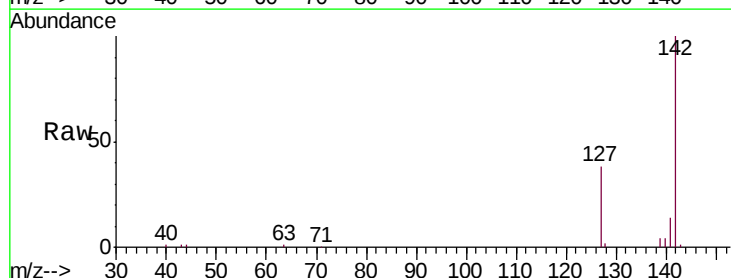
Tgt Ion:142 Resp: 222372

Ion Ratio Lower Upper

142 100

127 38.5 30.9 46.3

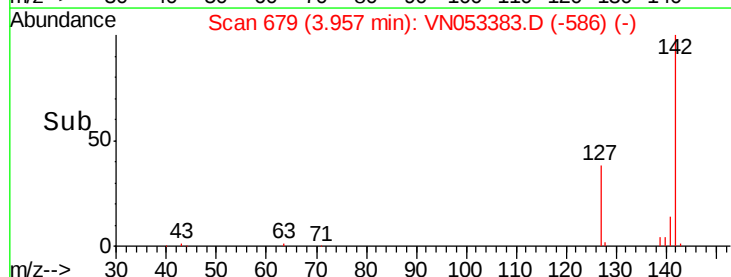
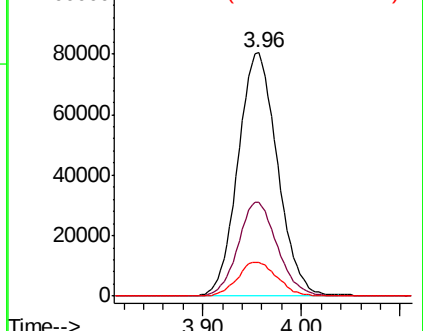
141 14.1 11.2 16.8

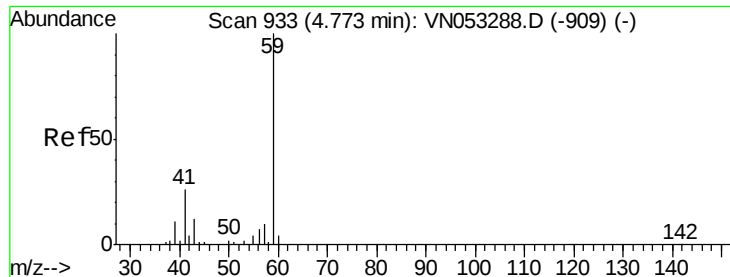


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

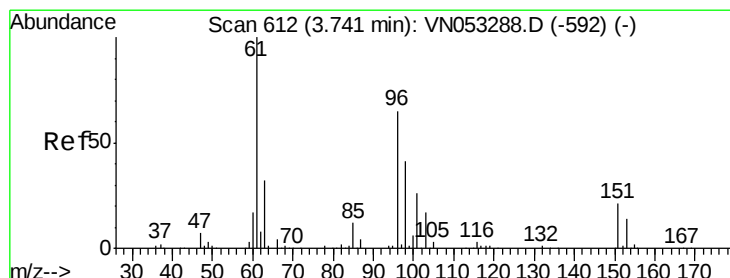
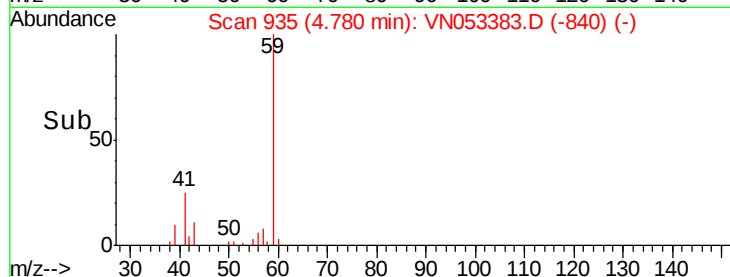
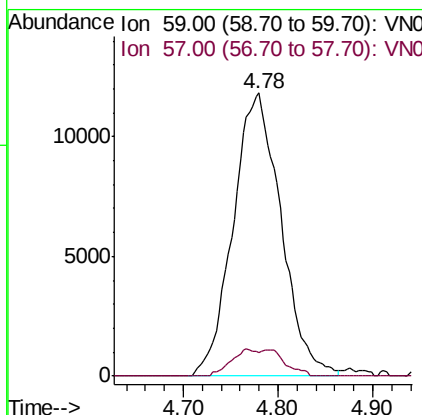
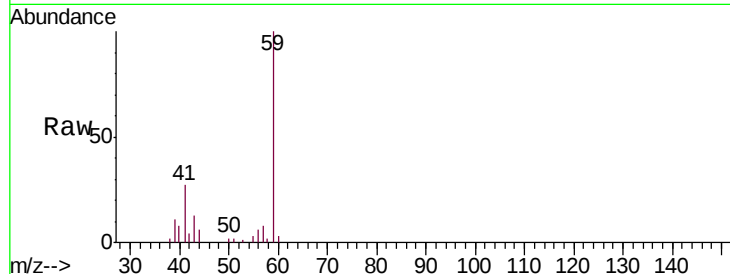




#11  
Tert butyl alcohol  
Concen: 81.055 ug/l  
RT: 4.78 min Scan# 935  
Delta R.T. 0.01 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

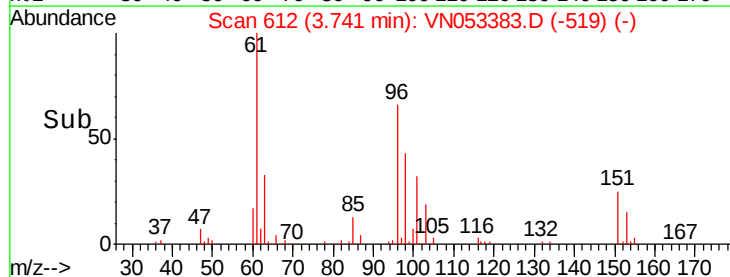
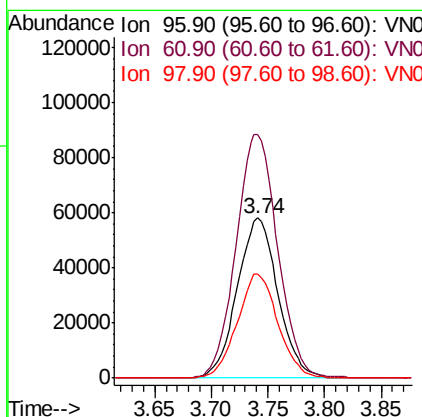
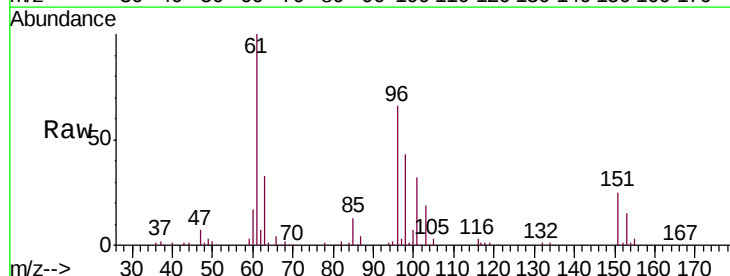
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0114MBS01

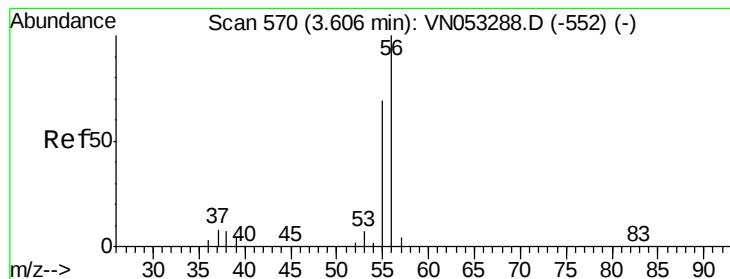
Tgt Ion: 59 Resp: 41620  
Ion Ratio Lower Upper  
59 100  
57 5.3 8.0 12.0#



#12  
1,1-Dichloroethene  
Concen: 19.001 ug/l  
RT: 3.74 min Scan# 612  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Tgt Ion: 96 Resp: 145480  
Ion Ratio Lower Upper  
96 100  
61 151.9 123.2 184.8  
98 64.9 50.5 75.7





#13

Acrolein

Concen: 89.495 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampled :

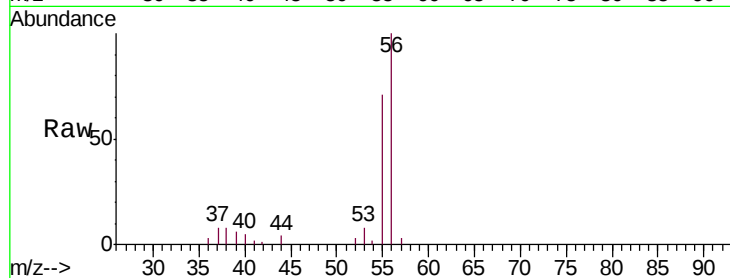
VN0114MBS01

Tgt Ion: 56 Resp: 57779

Ion Ratio Lower Upper

56 100

55 70.0 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

25000

20000

15000

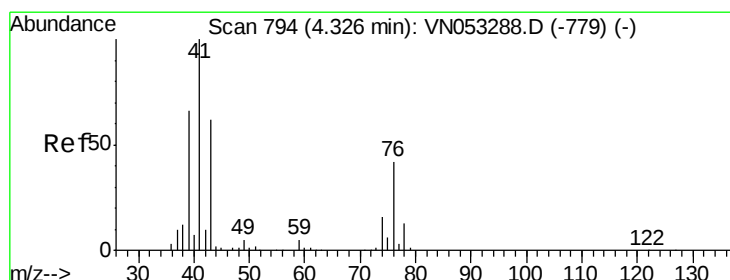
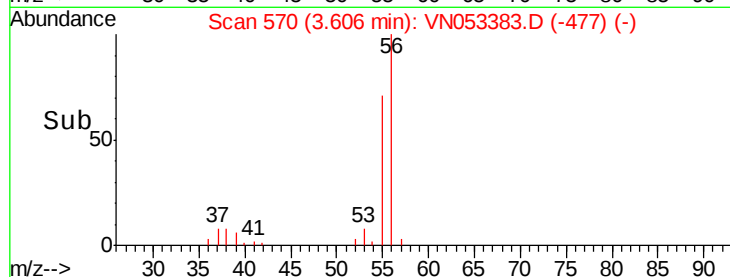
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 19.635 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

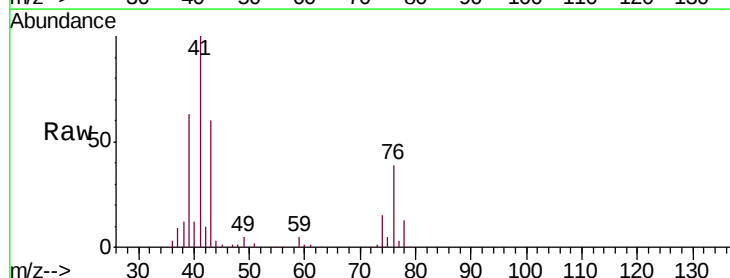
Tgt Ion: 41 Resp: 242299

Ion Ratio Lower Upper

41 100

39 61.5 51.9 77.9

76 36.7 31.2 46.8



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

100000

80000

60000

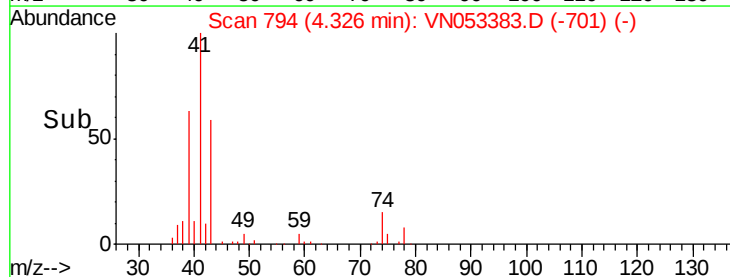
40000

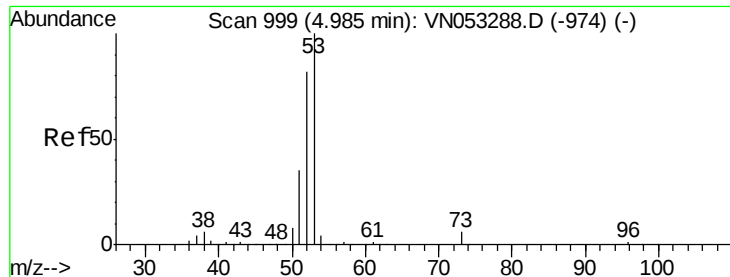
20000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 94.168 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

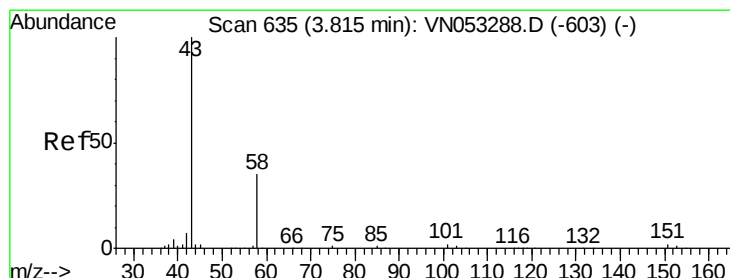
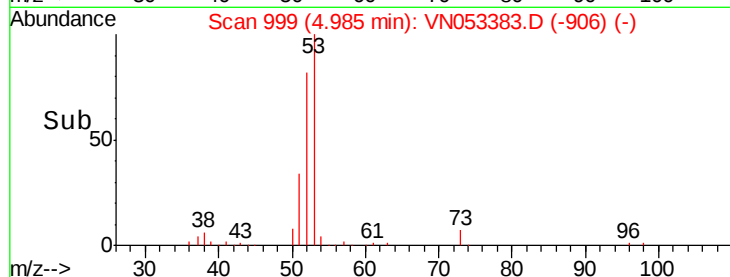
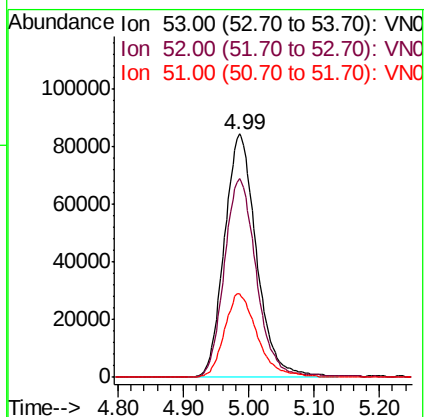
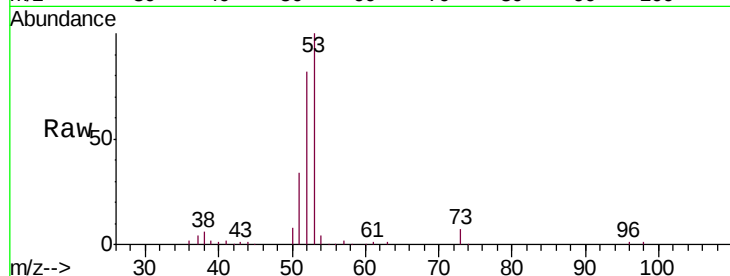
Tgt Ion: 53 Resp: 288651

Ion Ratio Lower Upper

53 100

52 80.9 65.2 97.8

51 35.4 28.0 42.0



#16

Acetone

Concen: 89.291 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053383.D

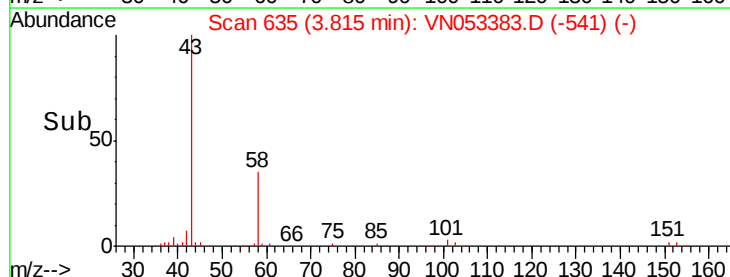
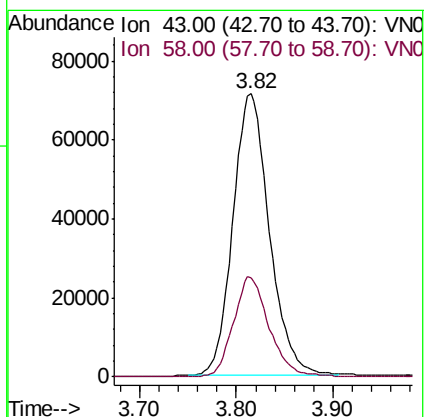
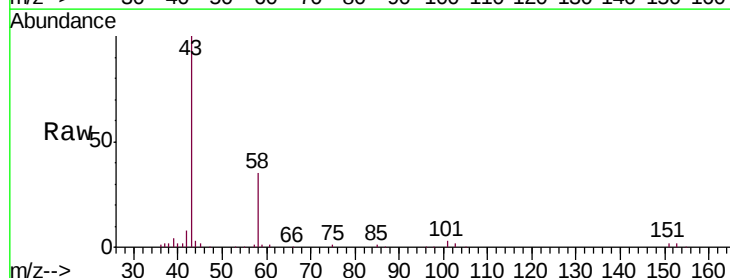
Acq: 14 Jan 2019 11:30

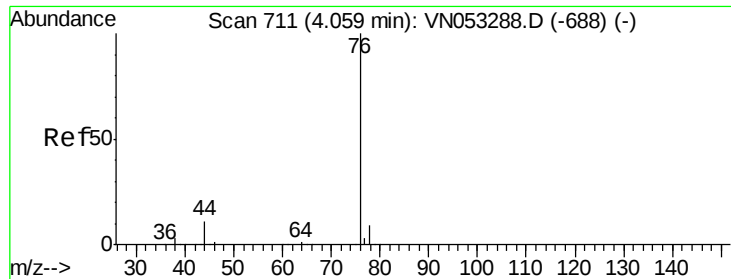
Tgt Ion: 43 Resp: 186410

Ion Ratio Lower Upper

43 100

58 35.3 27.8 41.6

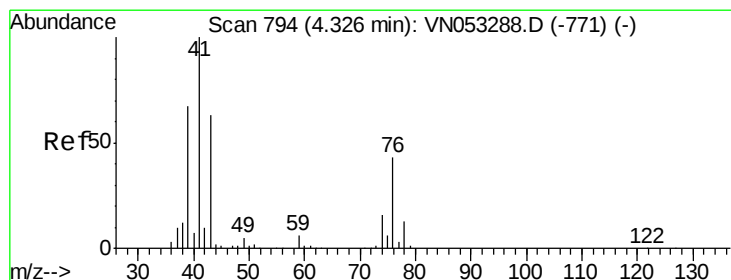
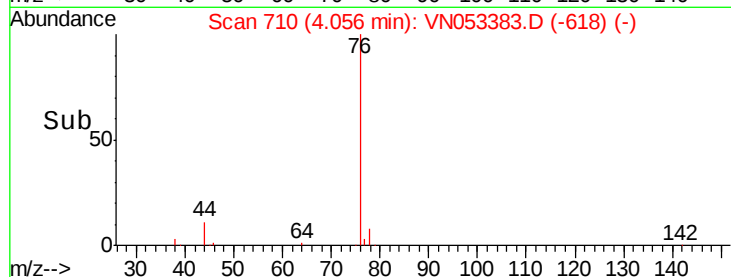
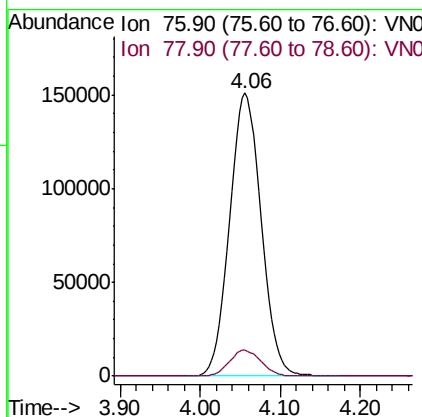
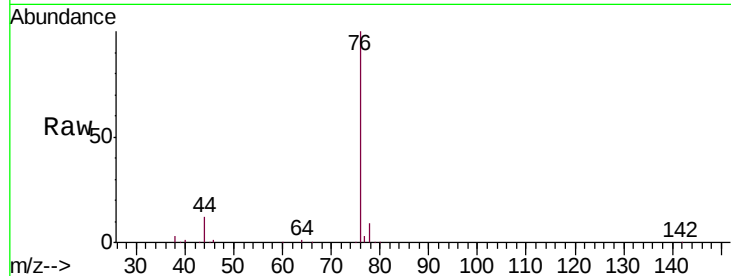




#17  
Carbon Disulfide  
Concen: 17.105 ug/l  
RT: 4.06 min Scan# 710  
Delta R.T. -0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

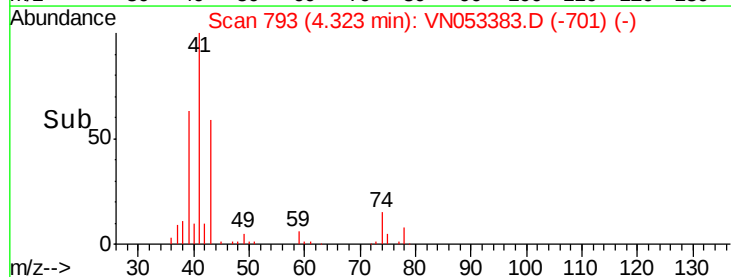
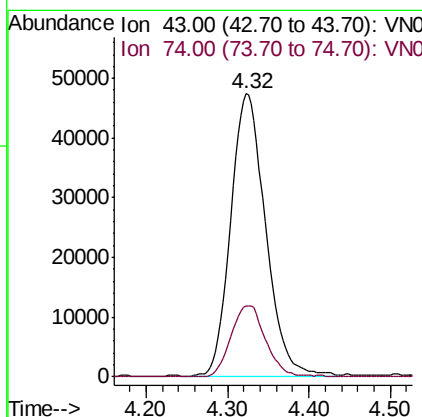
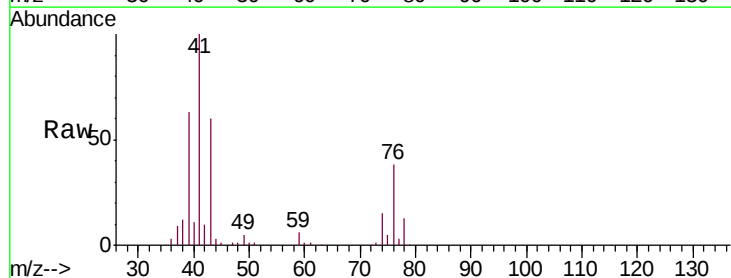
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

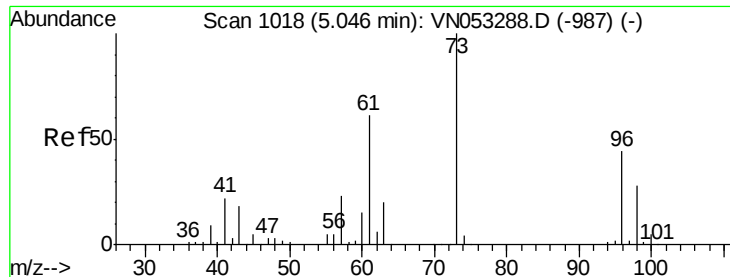
Tgt Ion: 76 Resp: 403757  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 18.409 ug/l  
RT: 4.32 min Scan# 793  
Delta R.T. -0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Tgt Ion: 43 Resp: 142231  
Ion Ratio Lower Upper  
43 100  
74 24.8 19.8 29.8

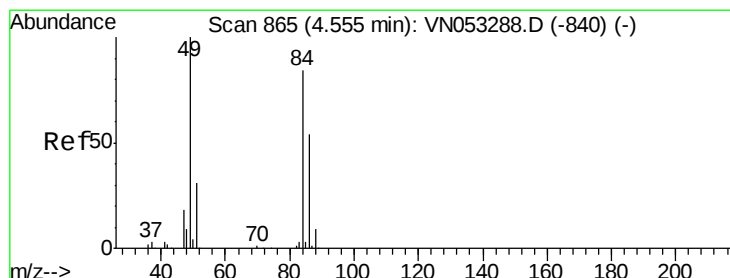
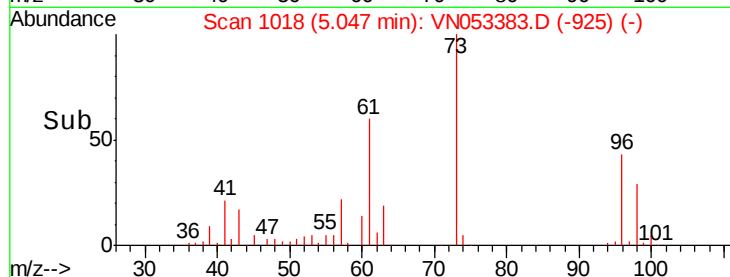
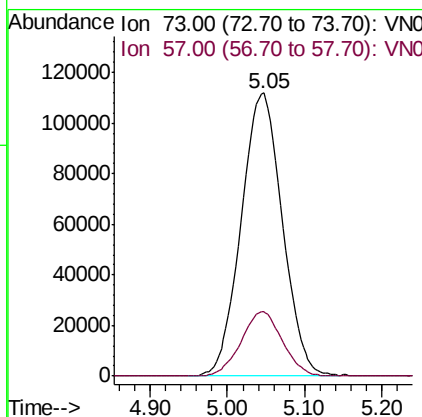
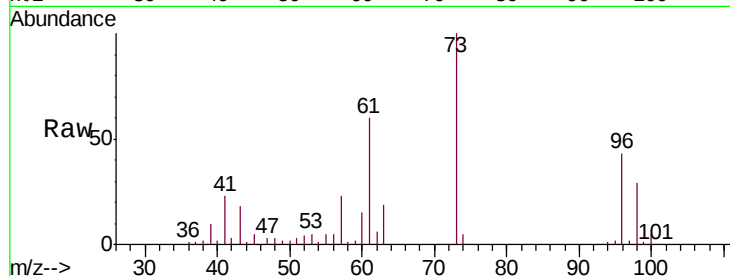




#19  
Methyl tert-butyl Ether  
Concen: 19.322 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

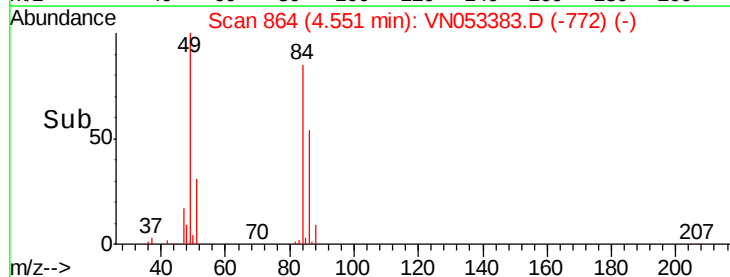
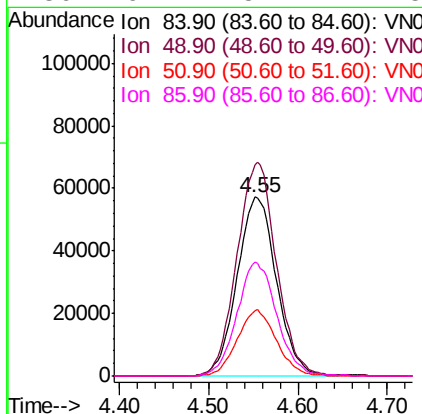
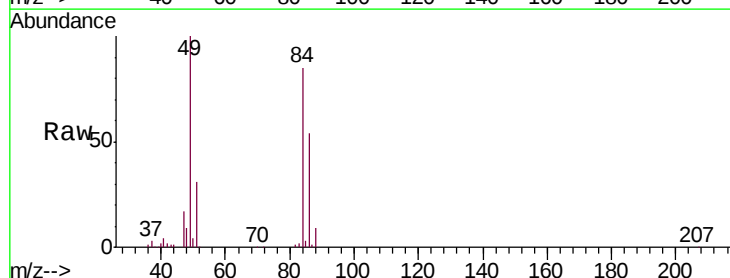
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

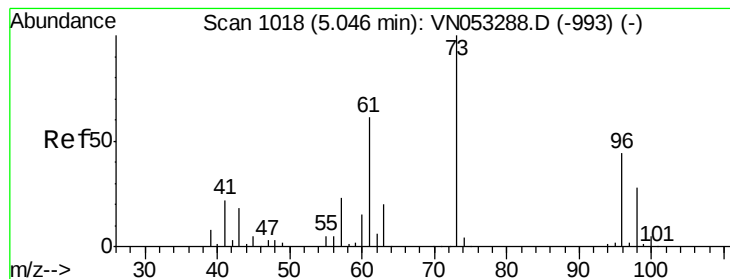
Tgt Ion: 73 Resp: 415210  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.5 27.7



#20  
Methylene Chloride  
Concen: 19.203 ug/l  
RT: 4.55 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Tgt Ion: 84 Resp: 176070  
Ion Ratio Lower Upper  
84 100  
49 118.3 95.3 142.9  
51 36.7 29.0 43.6  
86 64.1 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.101 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

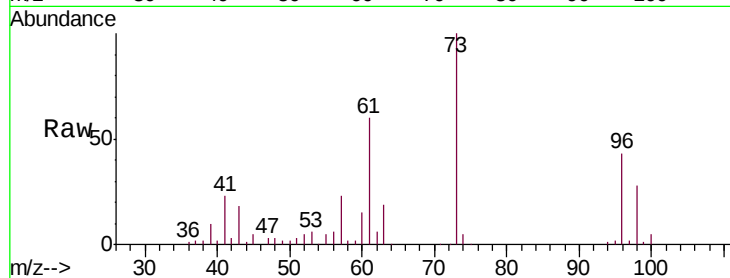
Tgt Ion: 96 Resp: 157025

Ion Ratio Lower Upper

96 100

61 138.9 110.2 165.4

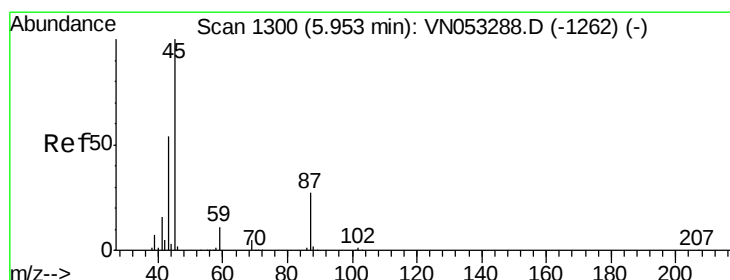
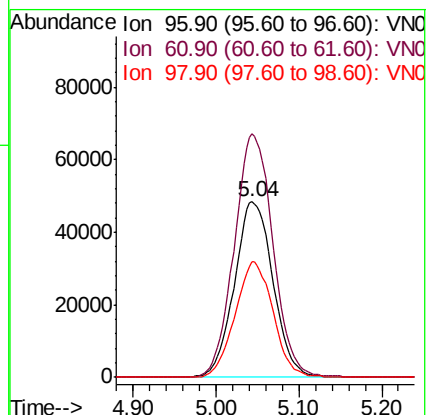
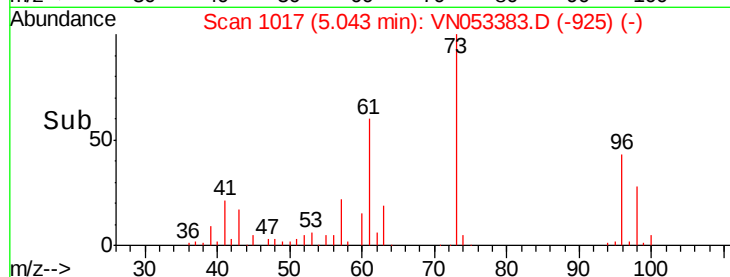
98 65.6 50.7 76.1



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



#22

Diisopropyl ether

Concen: 20.142 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Tgt Ion: 45 Resp: 535475

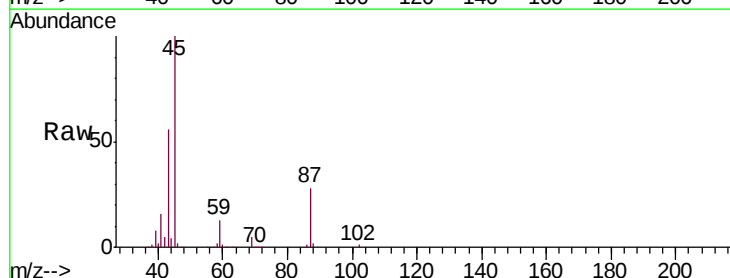
Ion Ratio Lower Upper

45 100

43 54.9 43.0 64.6

87 27.9 22.1 33.1

59 12.4 9.0 13.4

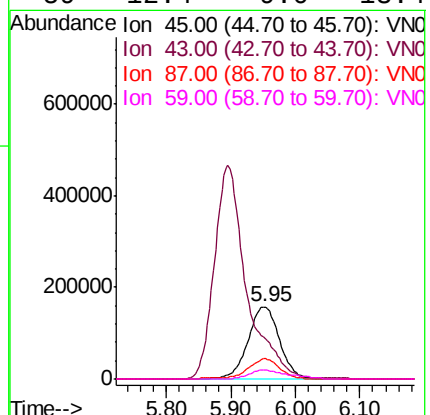
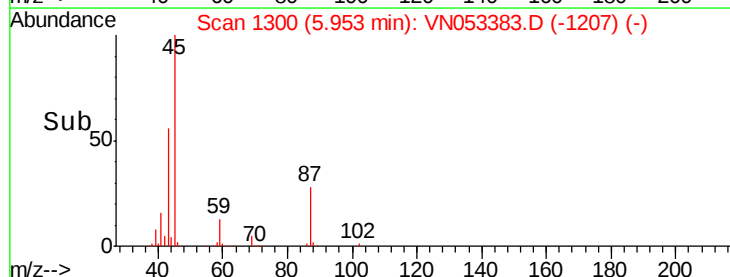


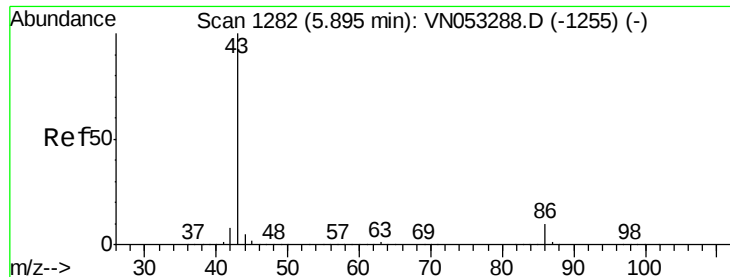
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 96.749 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampled :

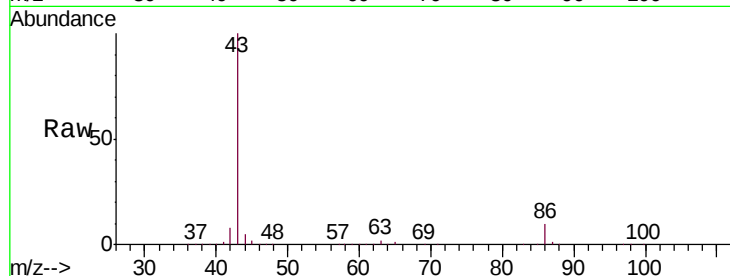
VN0114MBS01

Tgt Ion: 43 Resp: 1618349

Ion Ratio Lower Upper

43 100

86 10.3 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

500000

400000

300000

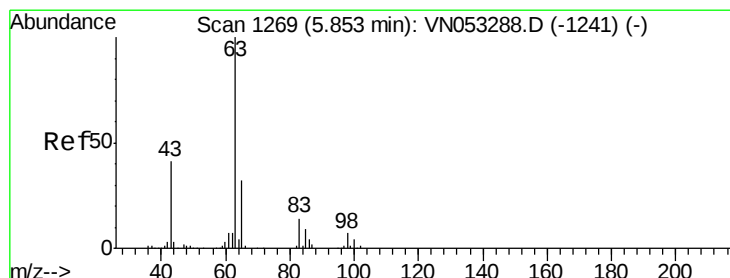
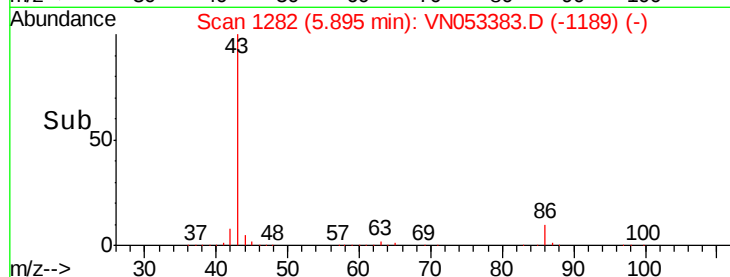
200000

100000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.597 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

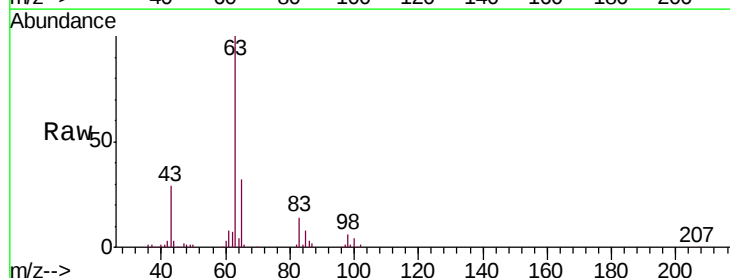
Tgt Ion: 63 Resp: 300467

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

60000

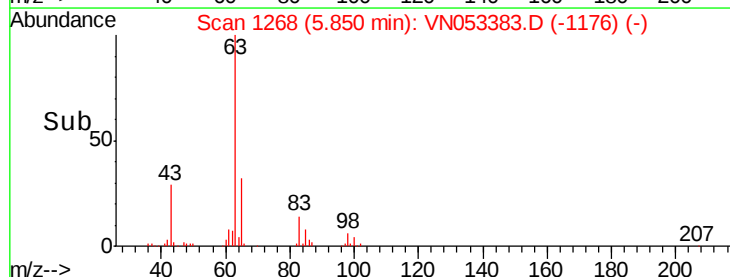
40000

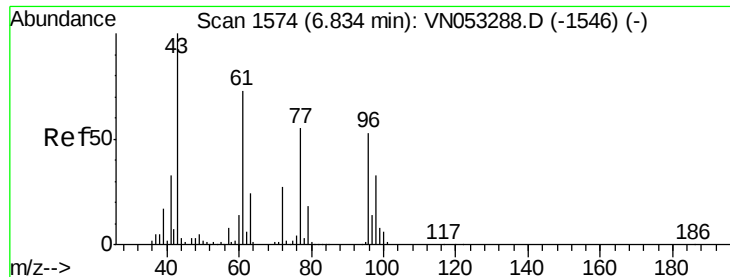
20000

0

Time-->

5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 90.590 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

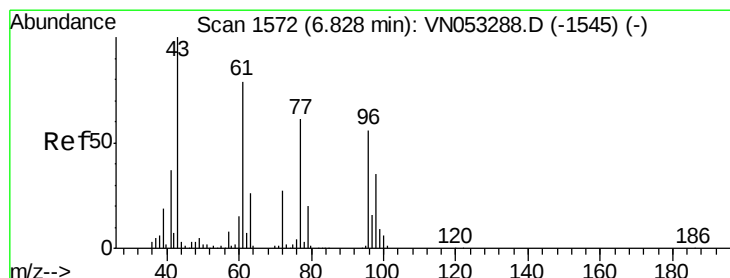
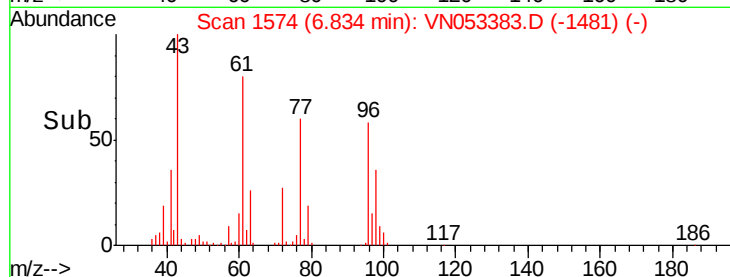
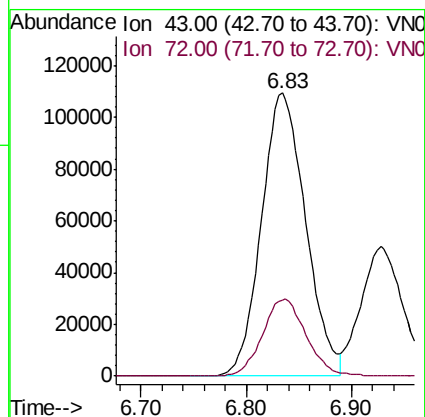
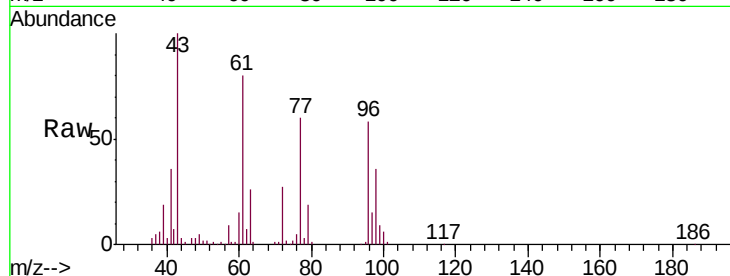
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

Tgt Ion: 43 Resp: 317282

Ion Ratio Lower Upper

43 100

72 26.9 22.0 33.0



#26

2,2-Dichloropropane

Concen: 19.980 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053383.D

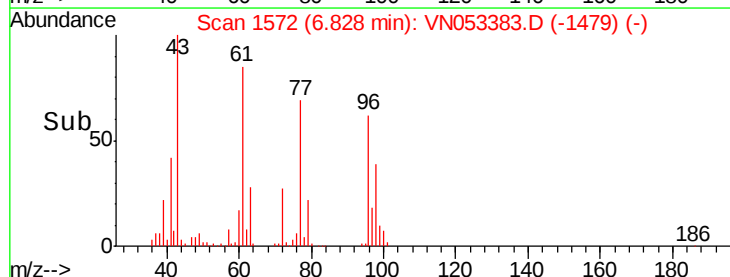
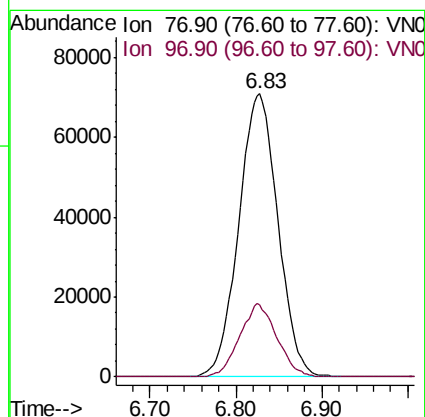
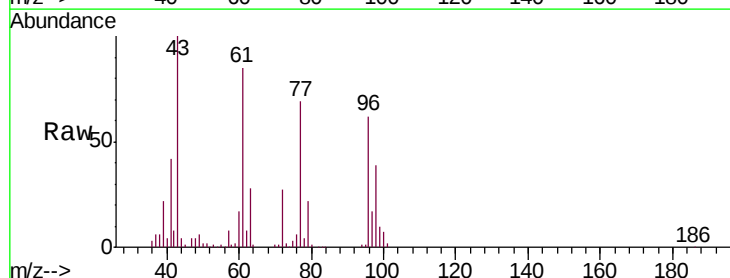
Acq: 14 Jan 2019 11:30

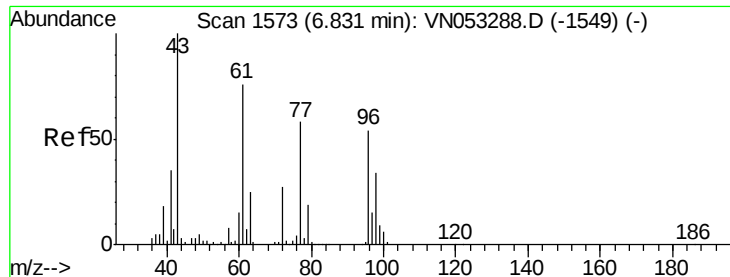
Tgt Ion: 77 Resp: 223939

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.981 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

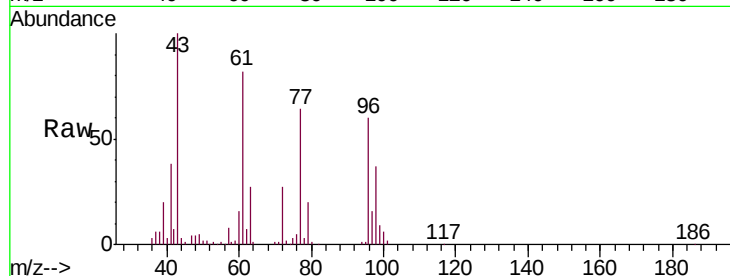
Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

Tgt Ion: 96 Resp: 187581

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 139.9 | 0.0   | 280.6 |
| 98  | 63.0  | 0.0   | 127.6 |

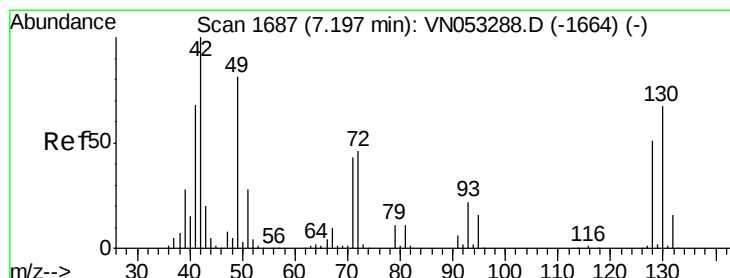
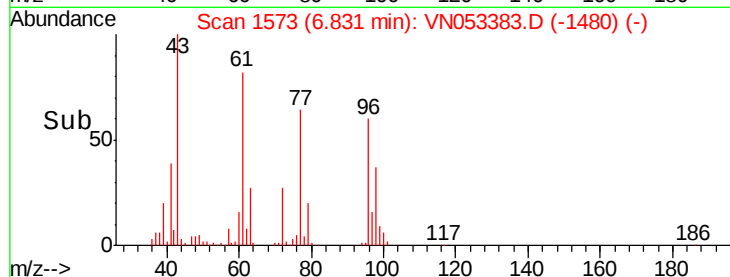
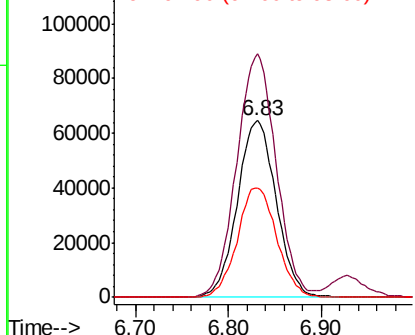


Abundance

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: 21.478 ug/l

RT: 7.19 min Scan# 1686

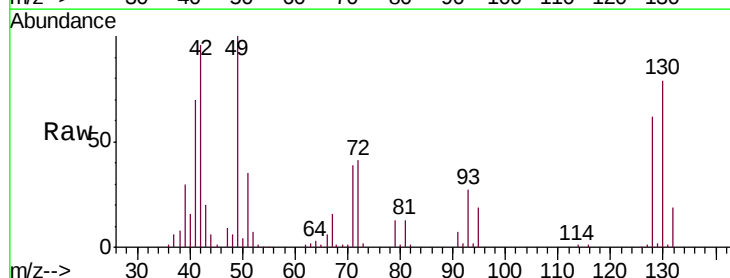
Delta R.T. -0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Tgt Ion: 49 Resp: 140333

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.8   | 0.0   | 3.8   |
| 130 | 80.6  | 65.4  | 98.0  |

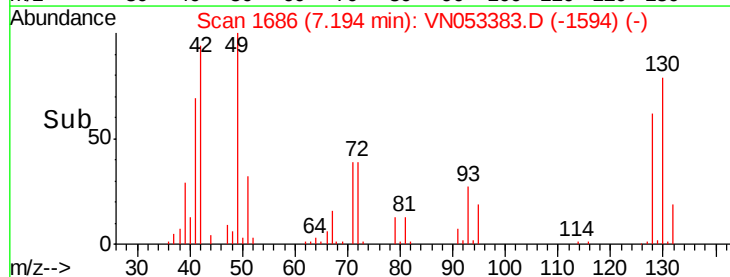
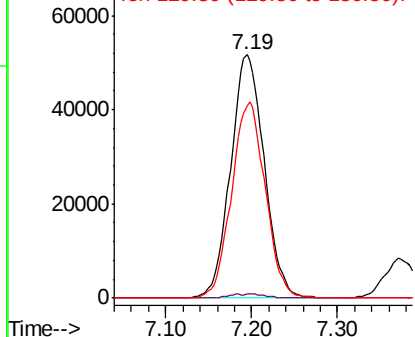


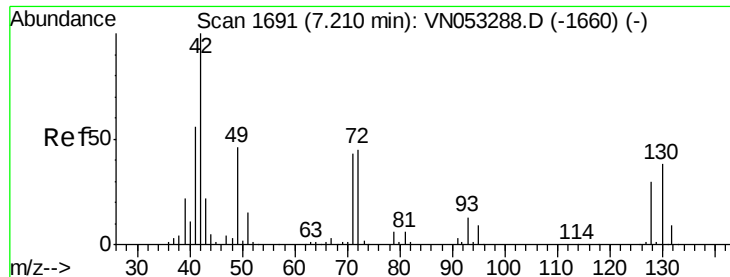
Abundance

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

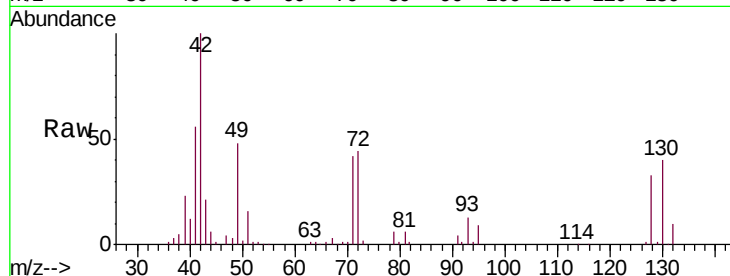




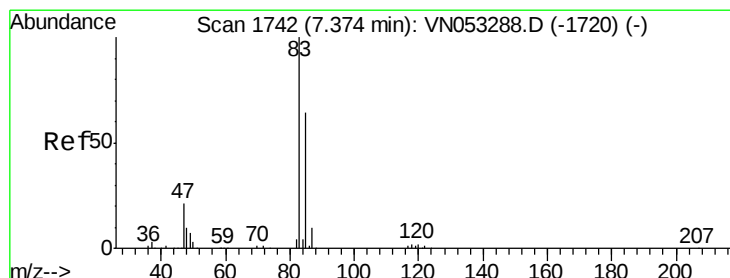
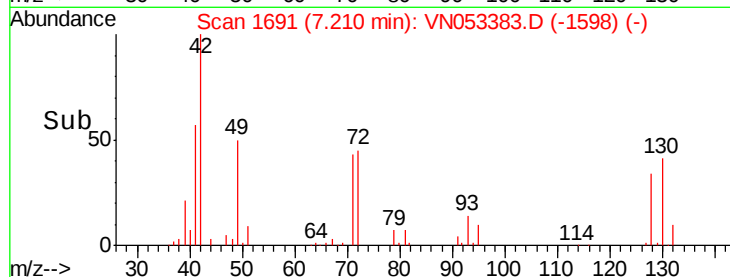
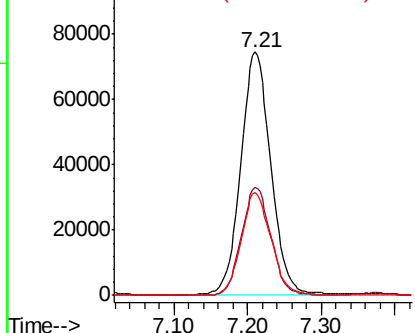
#29  
Tetrahydrofuran  
Concen: 92.096 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0114MBS01

Tgt Ion: 42 Resp: 212857  
Ion Ratio Lower Upper  
42 100  
72 43.3 35.6 53.4  
71 41.5 33.8 50.8

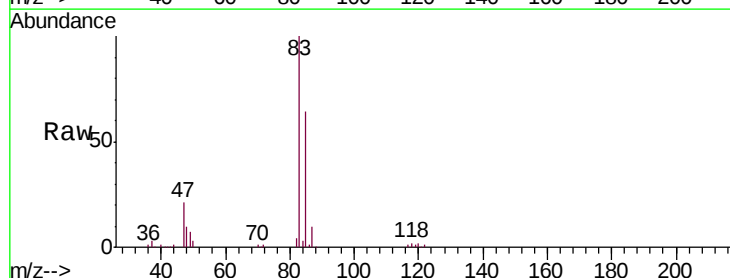


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

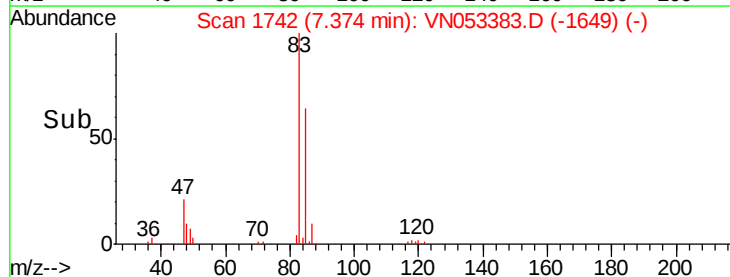
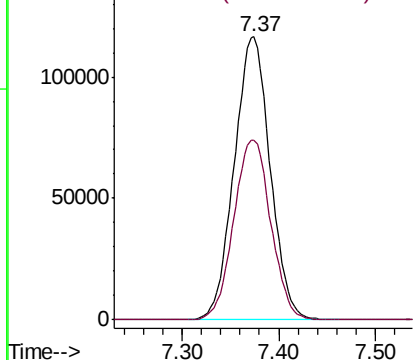


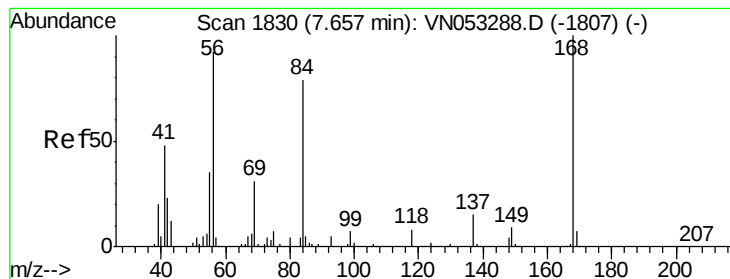
#30  
Chloroform  
Concen: 19.952 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Tgt Ion: 83 Resp: 301107  
Ion Ratio Lower Upper  
83 100  
85 63.6 51.3 76.9



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





#31

Cyclohexane

Concen: 18.980 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

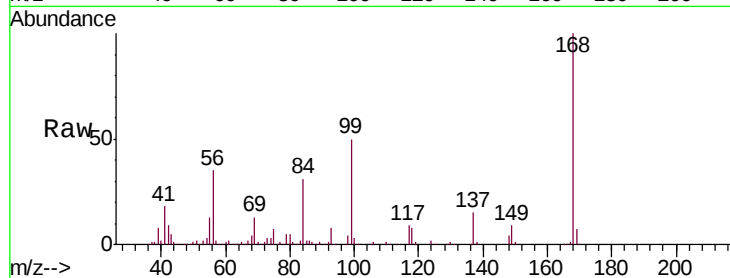
Tgt Ion: 56 Resp: 278310

Ion Ratio Lower Upper

56 100

69 37.9 26.7 40.1

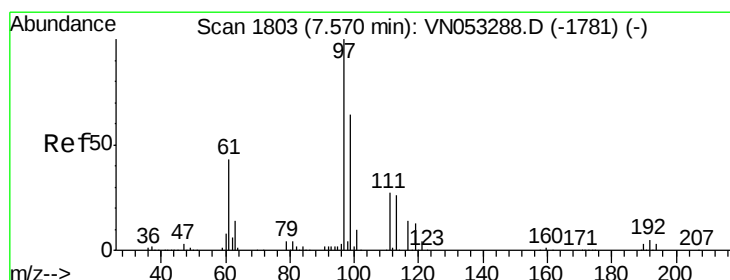
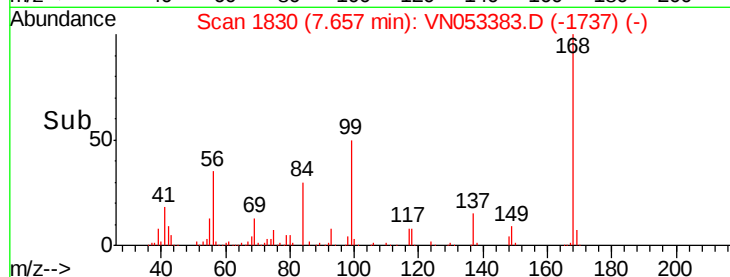
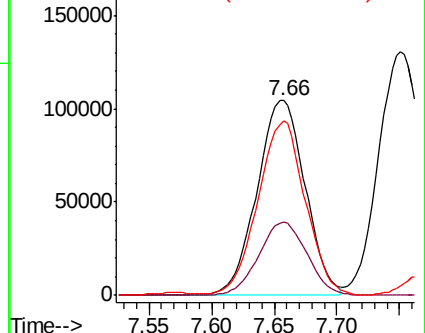
84 88.7 68.2 102.4



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: 19.898 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

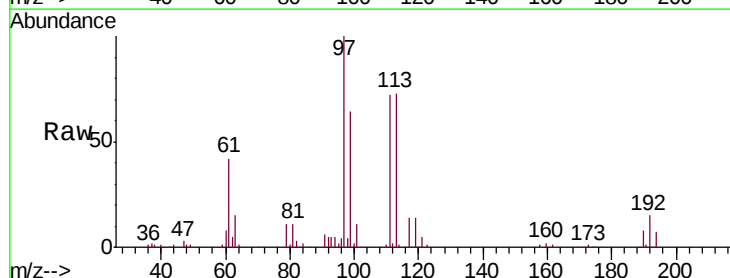
Tgt Ion: 97 Resp: 250234

Ion Ratio Lower Upper

97 100

99 63.3 51.6 77.4

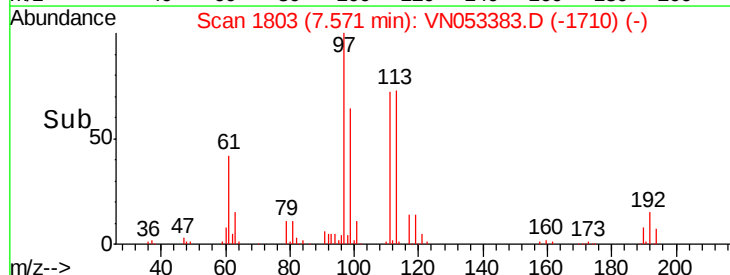
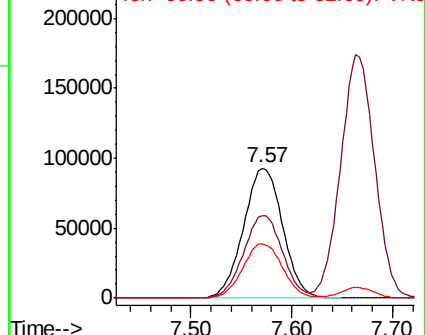
61 42.6 34.6 52.0

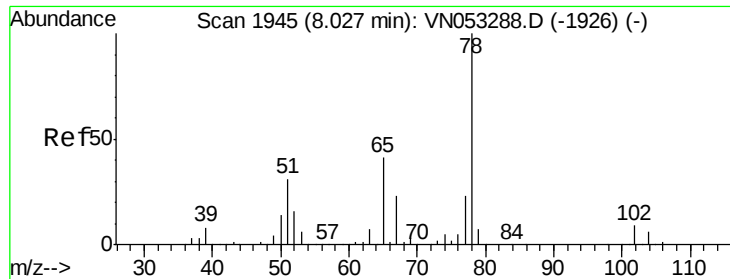


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

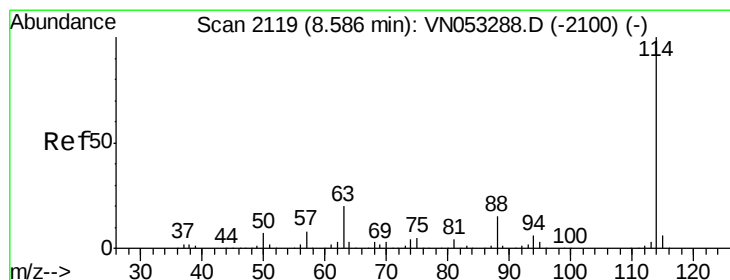
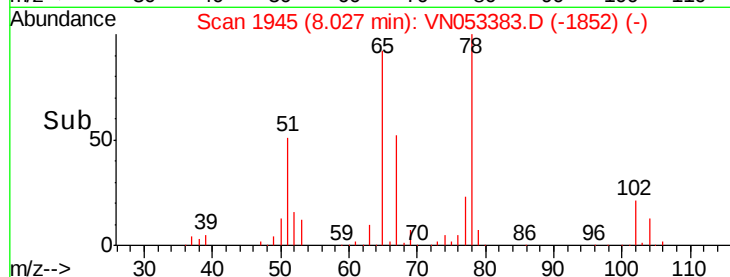
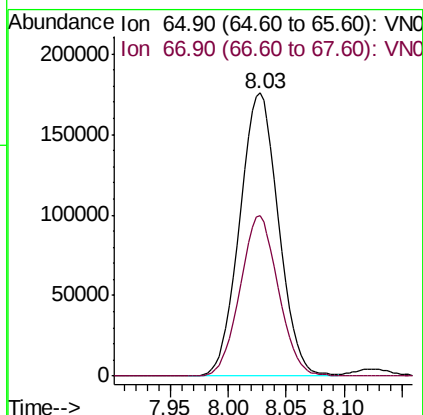
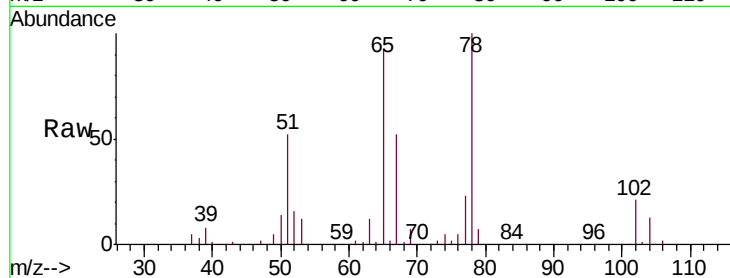




#33  
 1,2-Dichloroethane-d4  
 Concen: 19.898 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

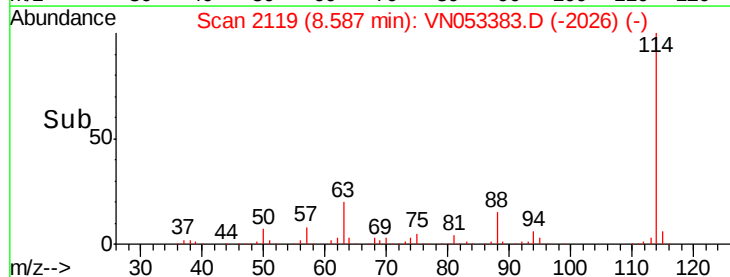
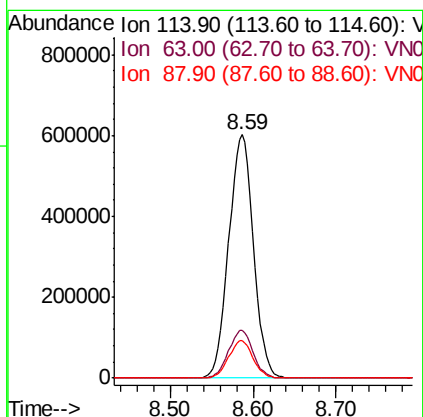
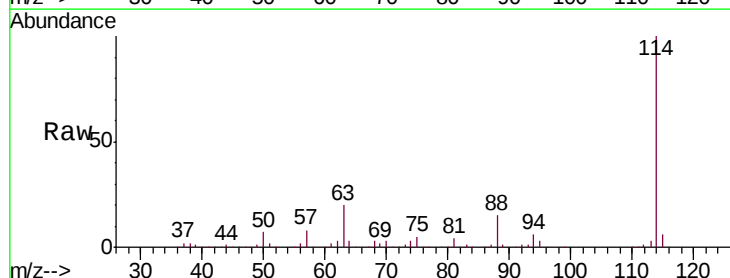
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

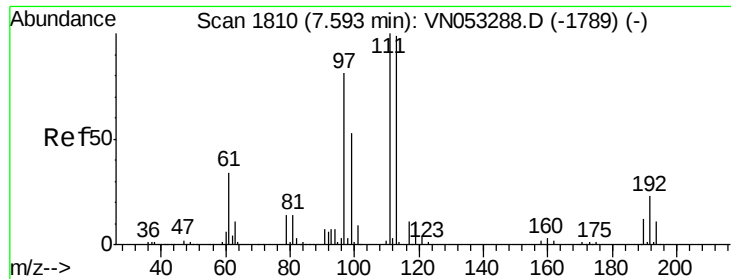
Tgt Ion: 65 Resp: 409723  
 Ion Ratio Lower Upper  
 65 100  
 67 55.8 0.0 111.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Tgt Ion: 114 Resp: 1250956  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 39.0  
 88 15.2 0.0 30.8

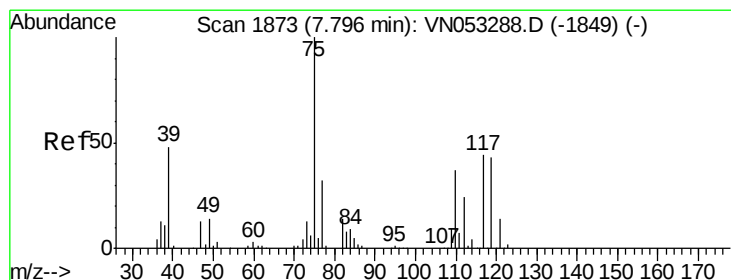
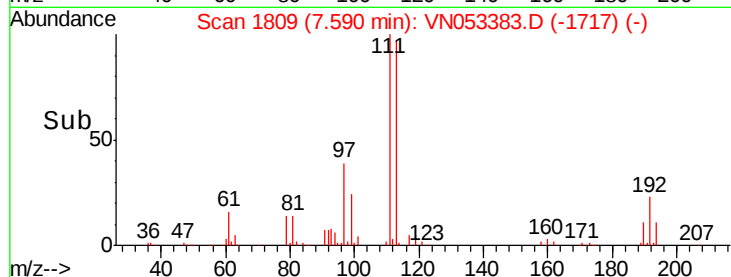
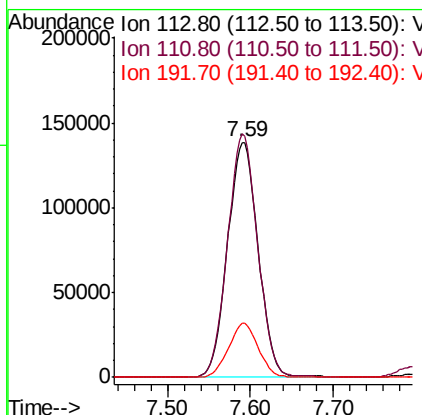
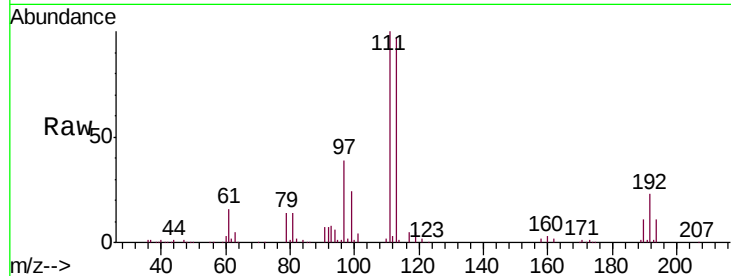




#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

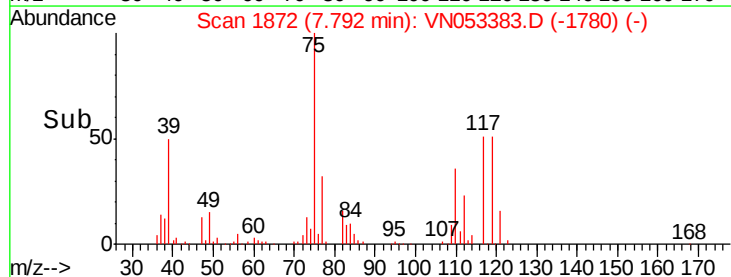
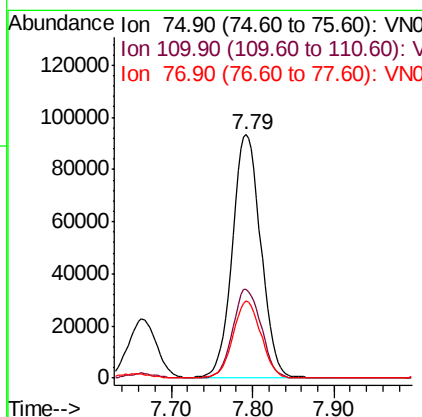
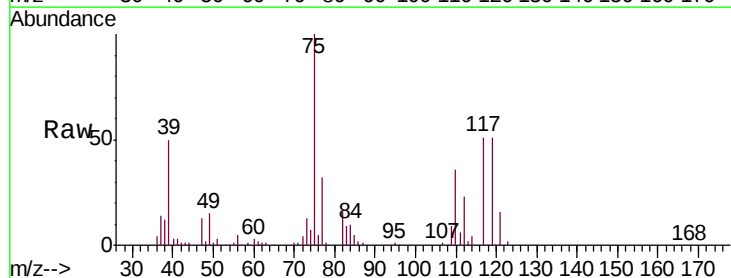
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

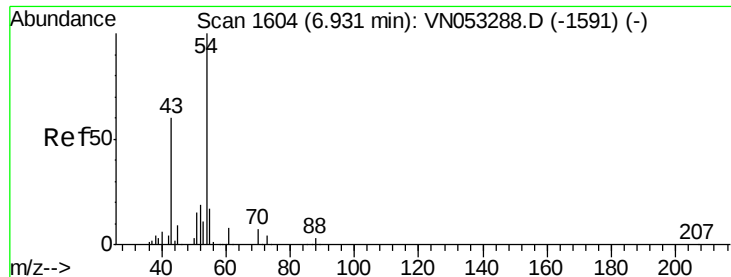
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.2 | 81.4  | 122.2 |
| 192     | 22.2  | 17.9  | 26.9  |



#36  
 1,1-Dichloropropene  
 Concen: 19.509 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.3  | 18.4  | 55.0  |
| 77      | 31.1  | 25.3  | 37.9  |

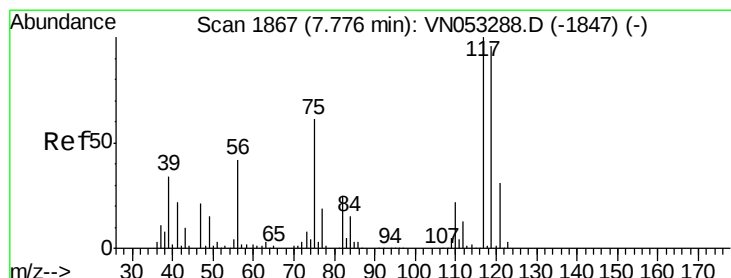
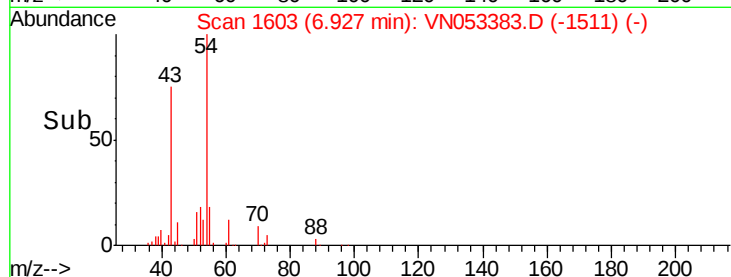
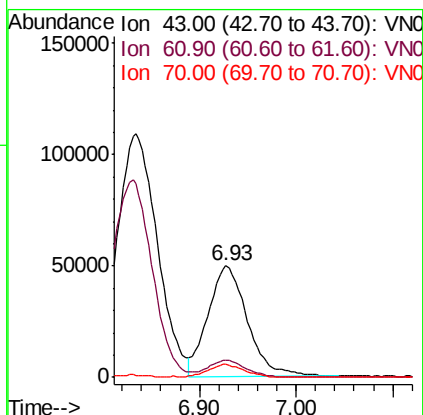
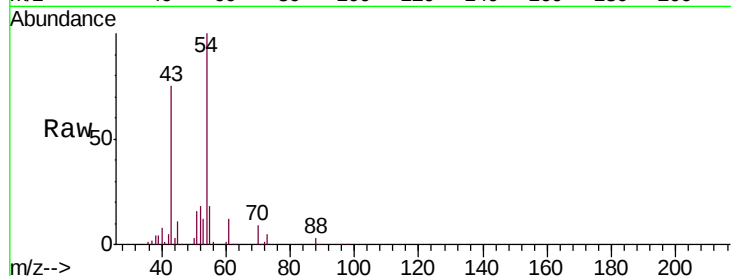




#37  
Ethyl Acetate  
Concen: 18.567 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

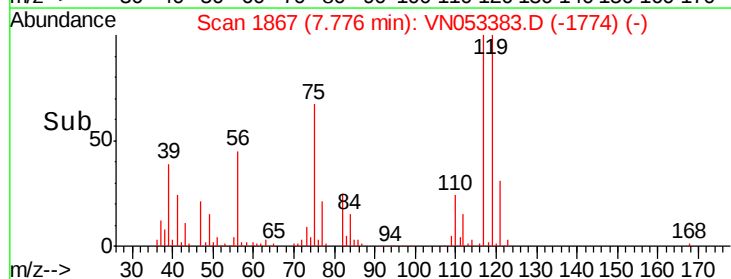
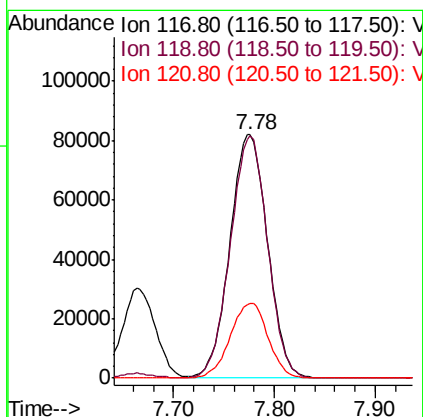
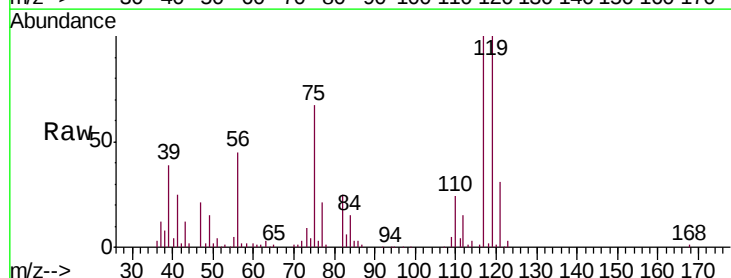
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

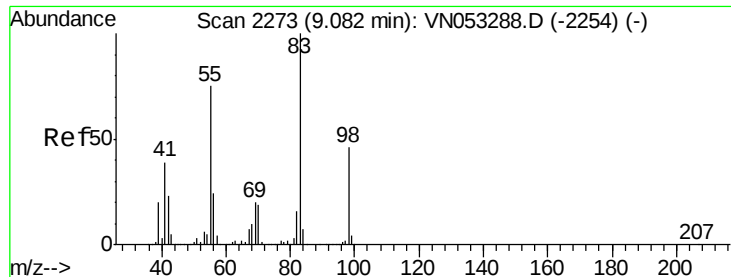
Tgt Ion: 43 Resp: 141239  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.9 17.9  
70 10.9 8.6 13.0



#38  
Carbon Tetrachloride  
Concen: 19.757 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Tgt Ion: 117 Resp: 212967  
Ion Ratio Lower Upper  
117 100  
119 99.8 76.6 115.0  
121 30.7 25.0 37.4

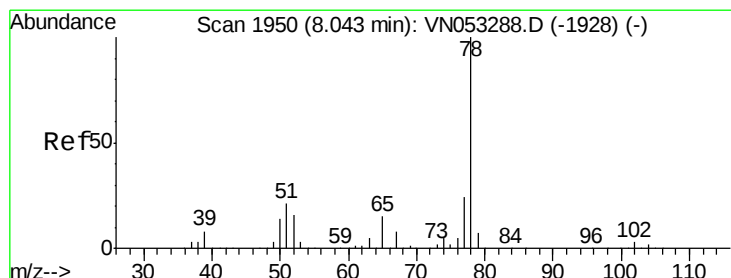
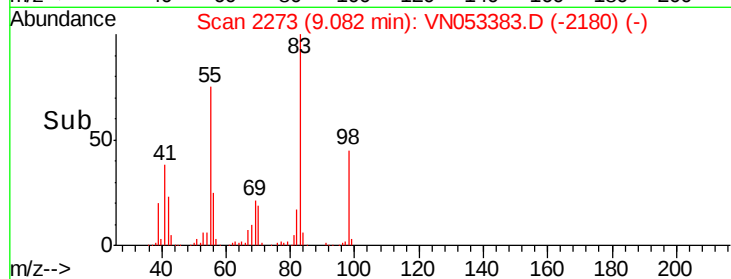
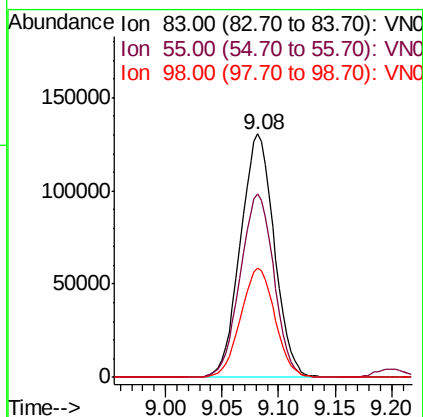
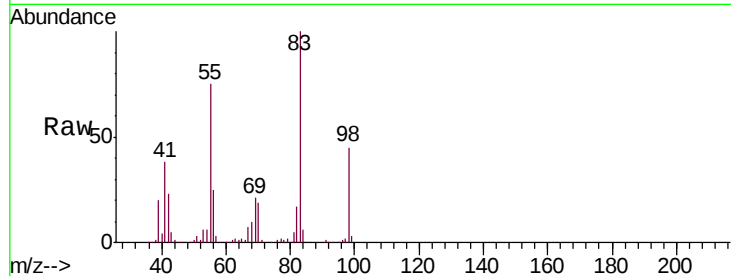




#39  
Methylcyclohexane  
Concen: 20.095 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

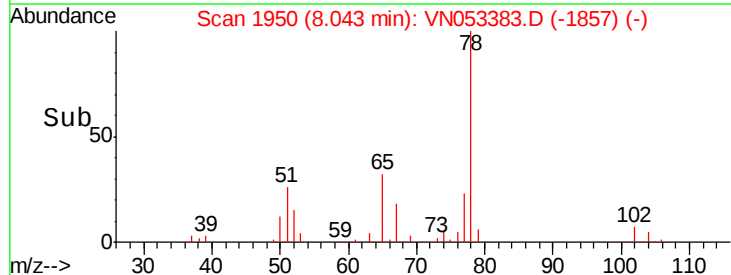
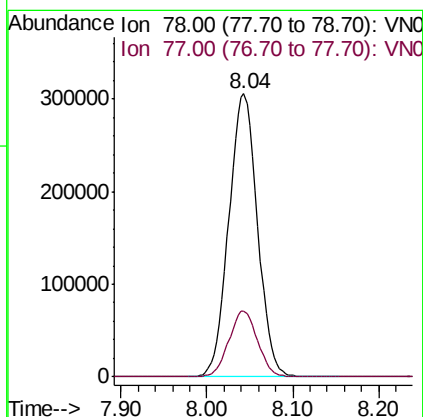
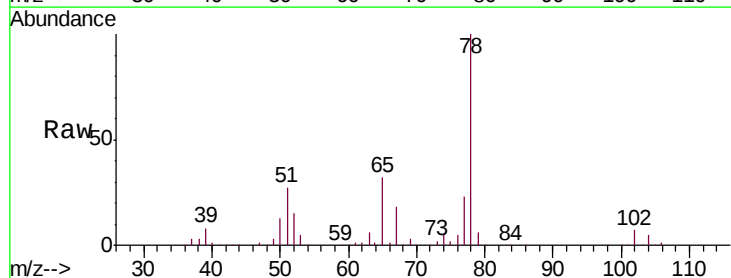
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

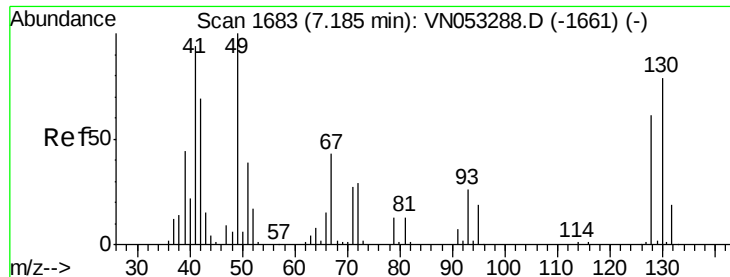
Tgt Ion: 83 Resp: 271882  
Ion Ratio Lower Upper  
83 100  
55 75.2 60.1 90.1  
98 44.8 36.7 55.1



#40  
Benzene  
Concen: 19.838 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Tgt Ion: 78 Resp: 707698  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.0 28.4





#41

Methacrylonitrile

Concen: 16.000 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

Tgt Ion: 41 Resp: 75563

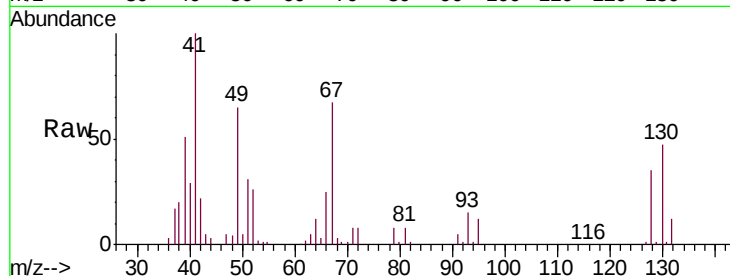
Ion Ratio Lower Upper

41 100

39 60.8 0.0 0.0#

67 88.4 0.0 0.0#

52 35.1 0.0 0.0#

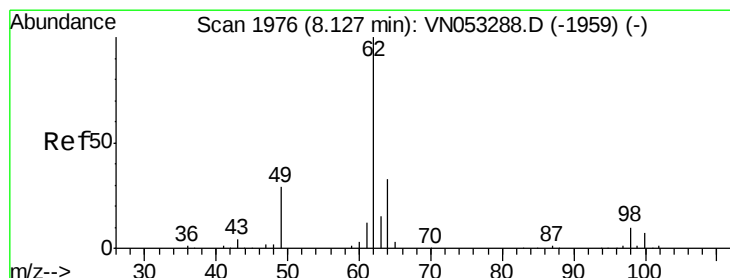
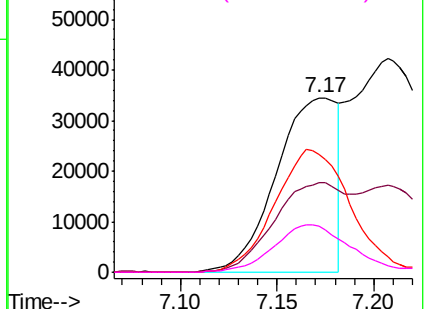
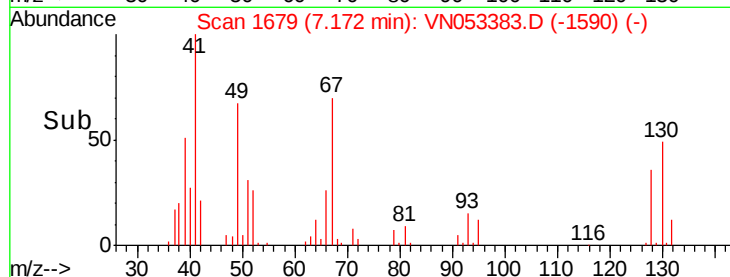


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 20.082 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN053383.D

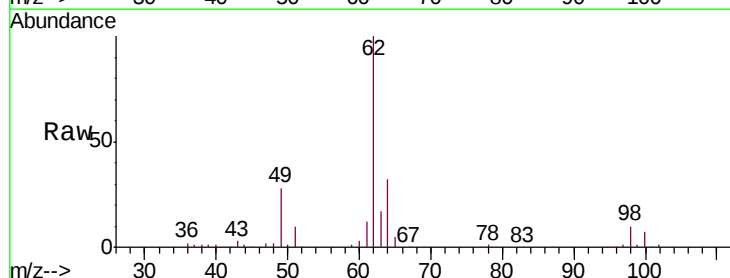
Acq: 14 Jan 2019 11:30

Tgt Ion: 62 Resp: 212497

Ion Ratio Lower Upper

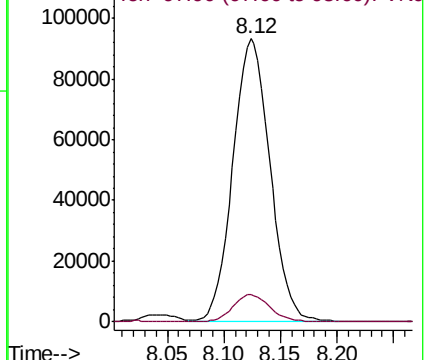
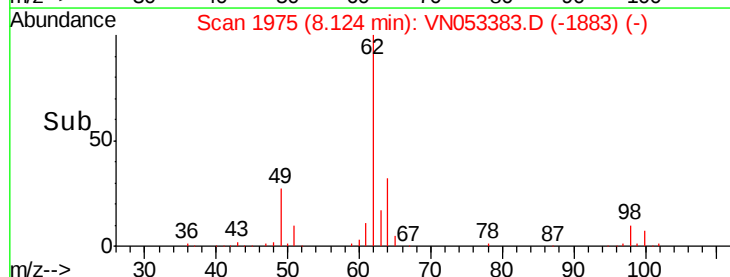
62 100

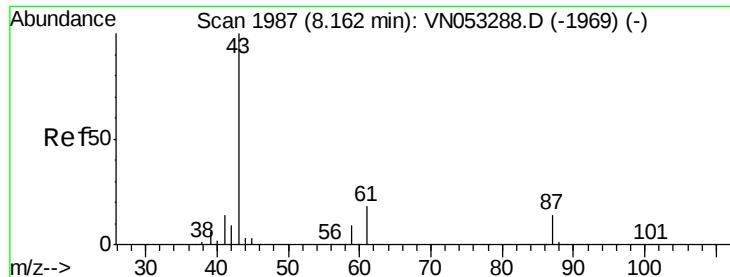
98 9.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 17.281 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

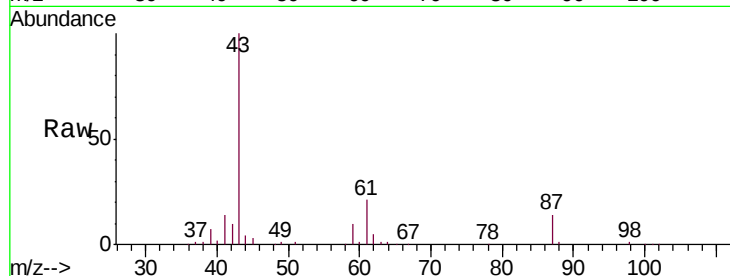
Tgt Ion: 43 Resp: 258608

Ion Ratio Lower Upper

43 100

61 21.2 23.3 34.9#

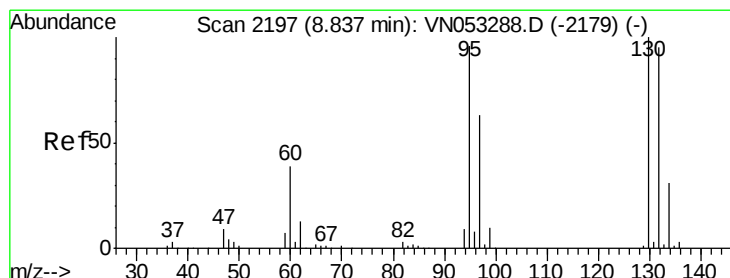
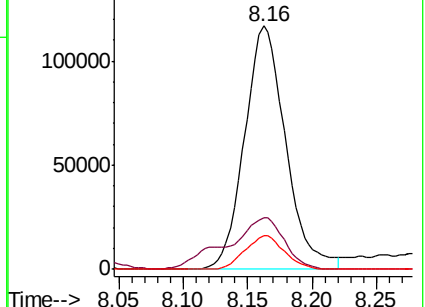
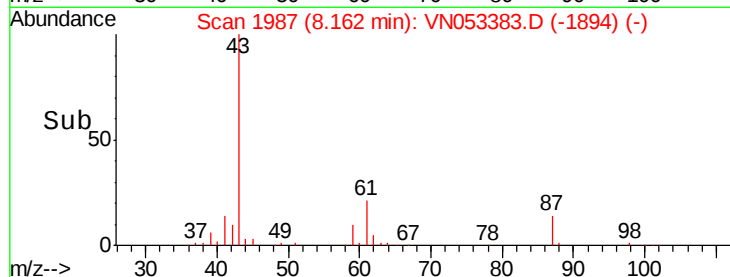
87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053383.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053383.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053383.D (-1894) (-)



#44

Trichloroethene

Concen: 19.675 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053383.D

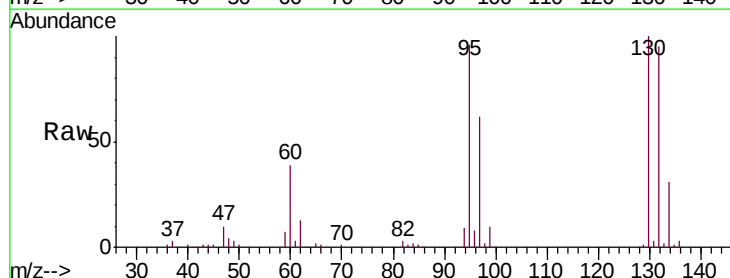
Acq: 14 Jan 2019 11:30

Tgt Ion:130 Resp: 192728

Ion Ratio Lower Upper

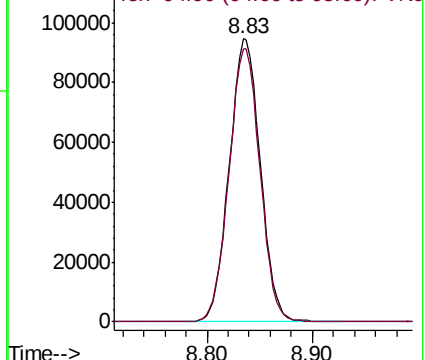
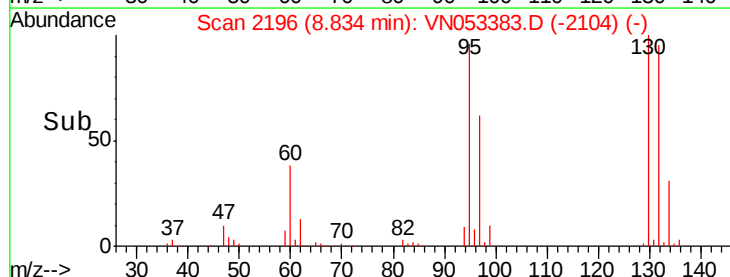
130 100

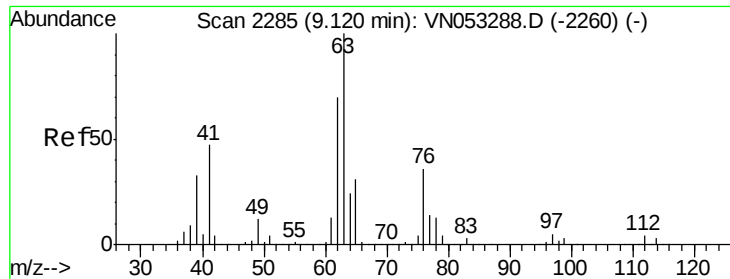
95 96.4 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053383.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053383.D (-2104) (-)

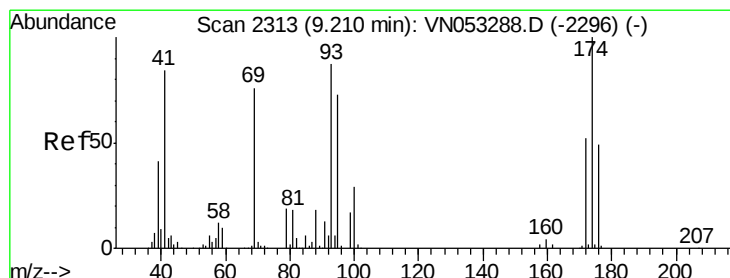
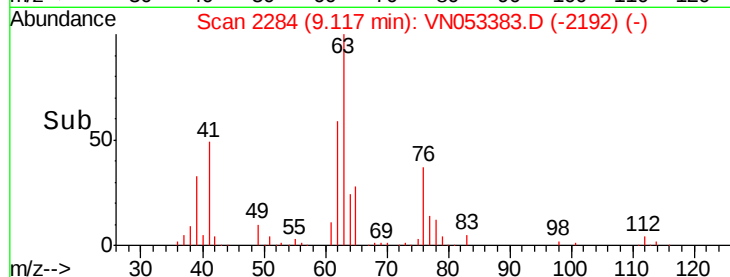
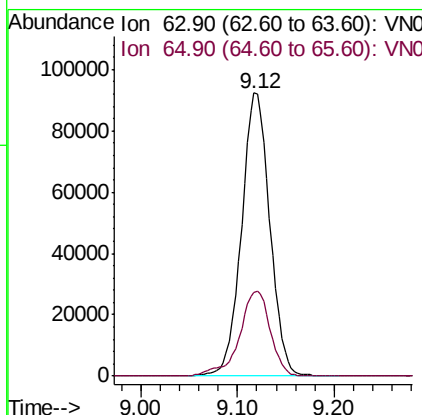
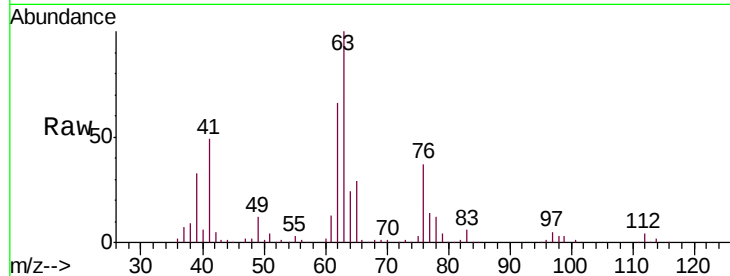




#45  
 1,2-Dichloropropane  
 Concen: 20.090 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

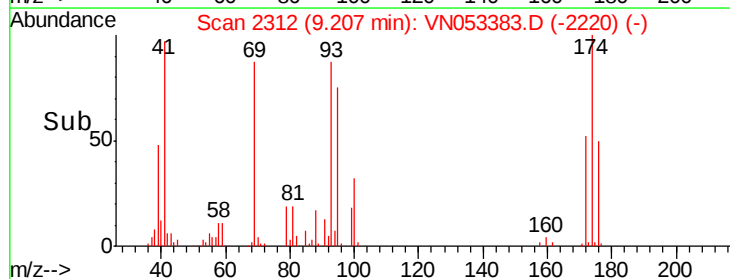
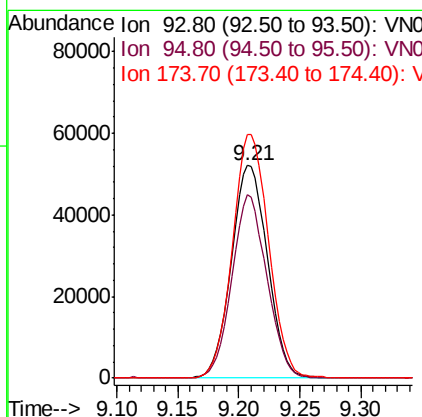
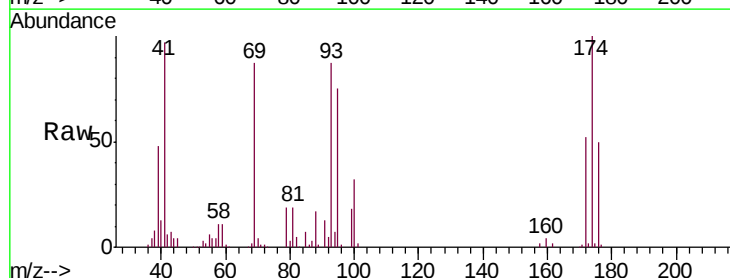
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0114MBS01

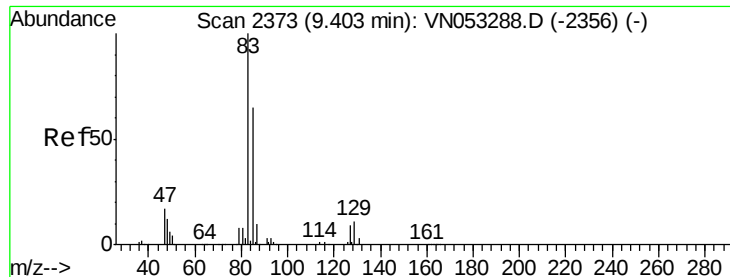
Tgt Ion: 63 Resp: 187964  
 Ion Ratio Lower Upper  
 63 100  
 65 29.4 25.0 37.6



#46  
 Dibromomethane  
 Concen: 19.657 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Tgt Ion: 93 Resp: 107234  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 66.6 100.0  
 174 114.7 91.4 137.0





#47

Bromodichloromethane

Concen: 19.666 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

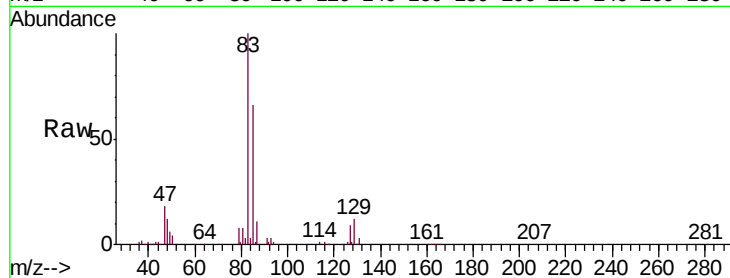
Tgt Ion: 83 Resp: 223577

Ion Ratio Lower Upper

83 100

85 65.9 51.7 77.5

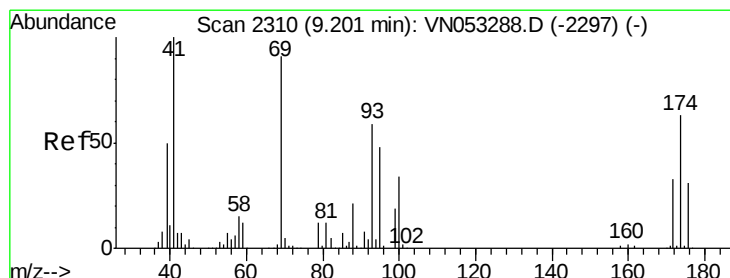
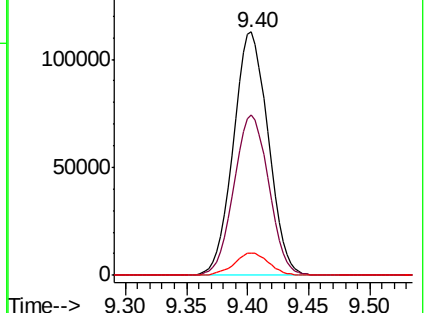
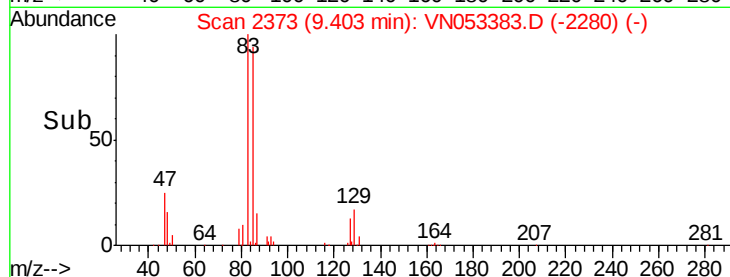
127 9.3 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053383.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053383.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053383.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.963 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

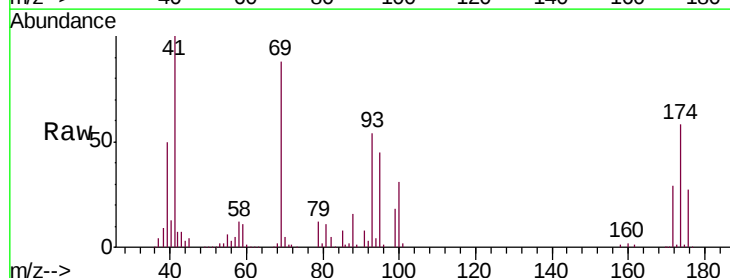
Tgt Ion: 41 Resp: 128926

Ion Ratio Lower Upper

41 100

69 92.7 73.5 110.3

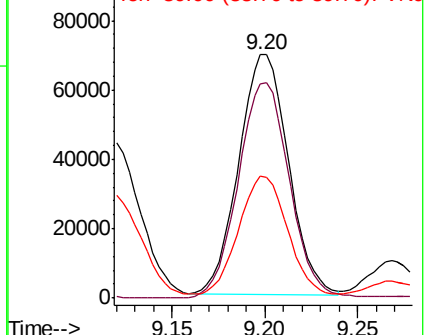
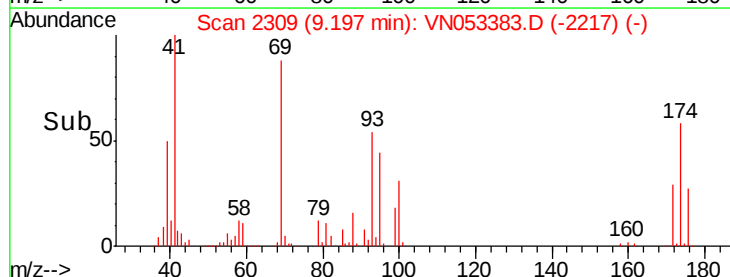
39 50.9 41.6 62.4

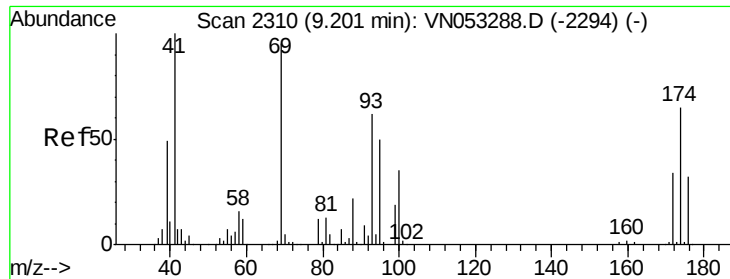


Abundance Ion 41.00 (40.70 to 41.70): VN053383.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN053383.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN053383.D (-2217) (-)





#49

1,4-Dioxane

Concen: 329.953 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

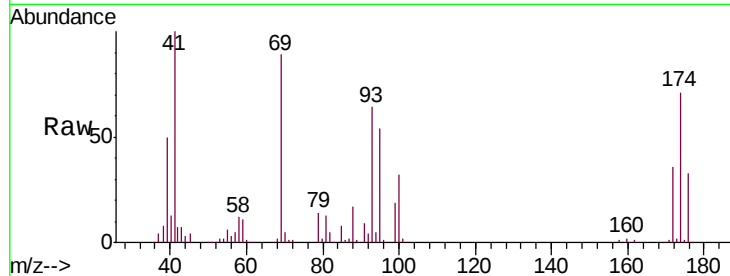
Tgt Ion: 88 Resp: 23900

Ion Ratio Lower Upper

88 100

43 36.3 26.2 39.4

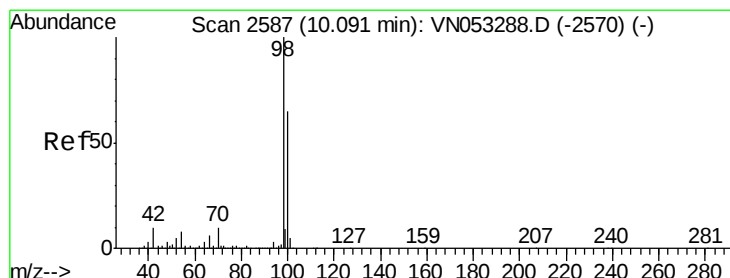
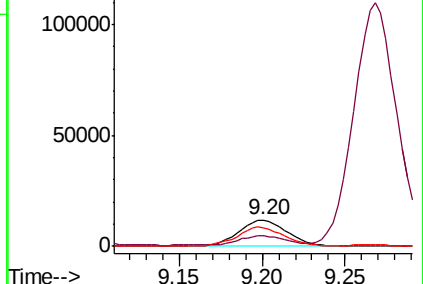
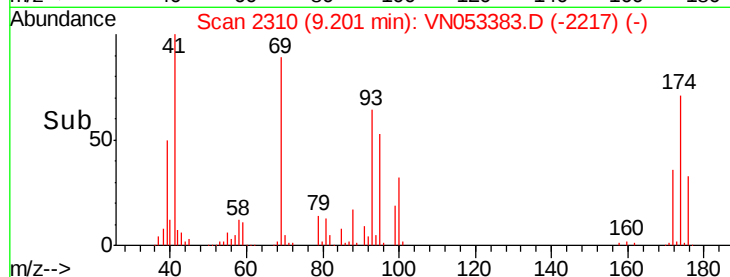
58 72.3 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VN053383.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN053383.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN053383.D (-2217) (-)



#50

Toluene-d8

Concen: 329.953 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053383.D

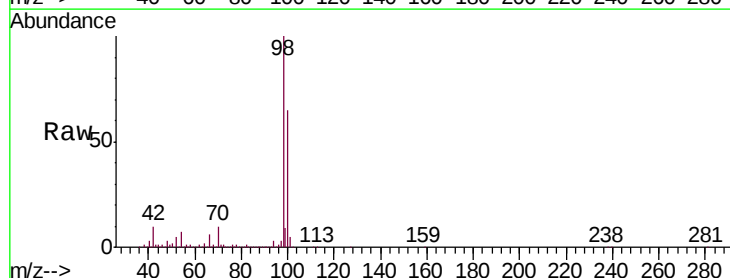
Acq: 14 Jan 2019 11:30

Tgt Ion: 98 Resp: 1484832

Ion Ratio Lower Upper

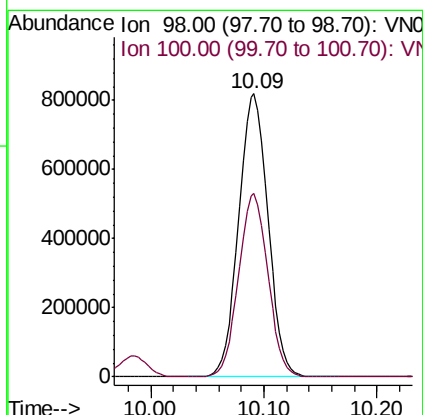
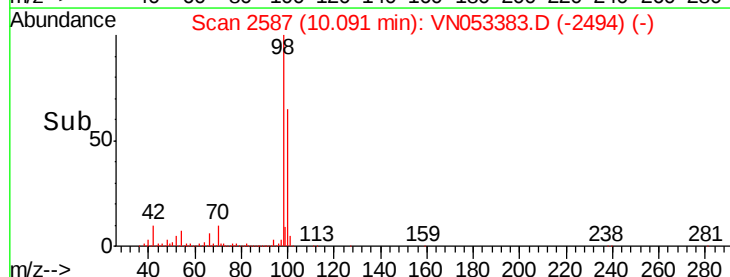
98 100

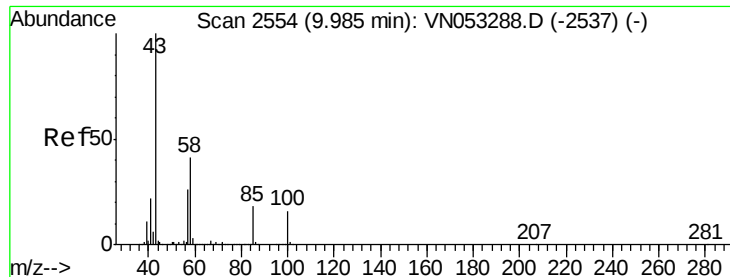
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053383.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053383.D (-2494) (-)

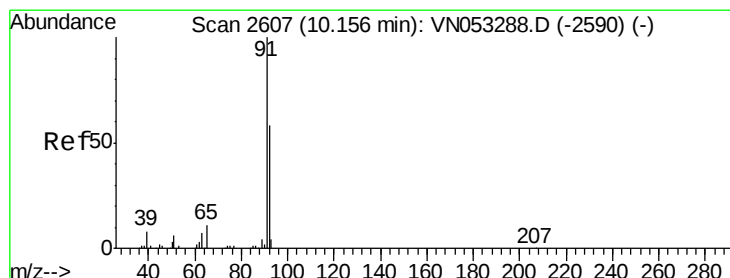
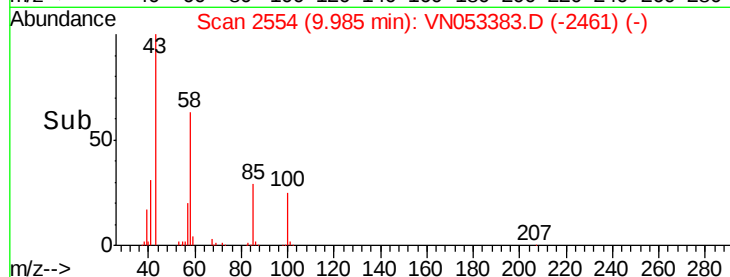
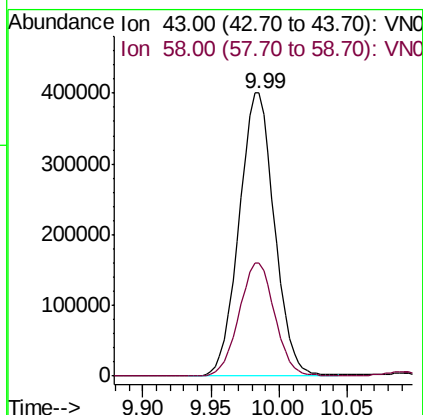
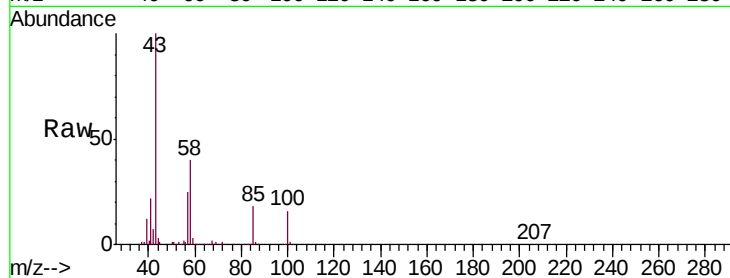




#51  
 4-Methyl-2-Pentanone  
 Concen: 95.522 ug/l  
 RT: 9.99 min Scan# 2554  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

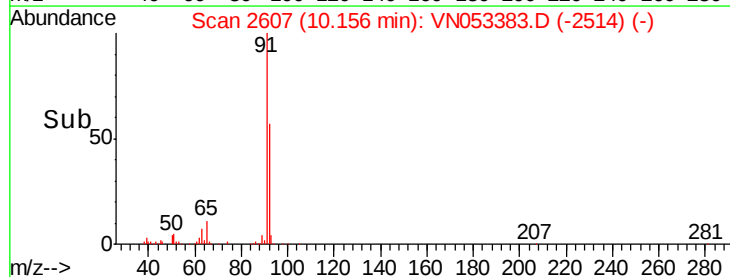
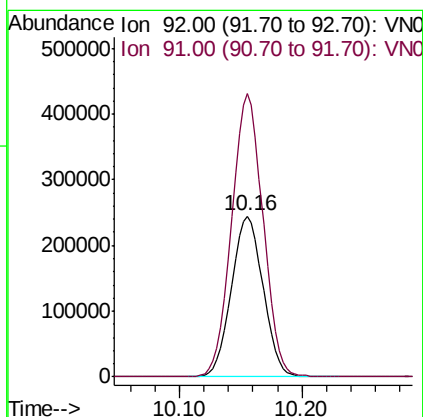
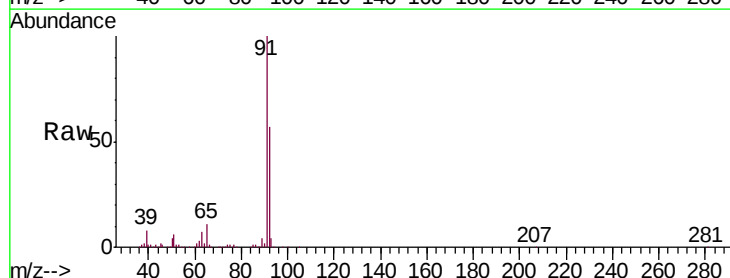
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

Tgt Ion: 43 Resp: 718847  
 Ion Ratio Lower Upper  
 43 100  
 58 40.6 32.7 49.1



#52  
 Toluene  
 Concen: 20.103 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Tgt Ion: 92 Resp: 439965  
 Ion Ratio Lower Upper  
 92 100  
 91 175.0 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 19.715 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampled :

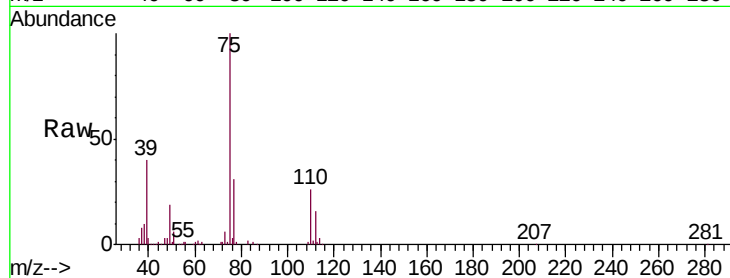
VN0114MBS01

Tgt Ion: 75 Resp: 229280

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

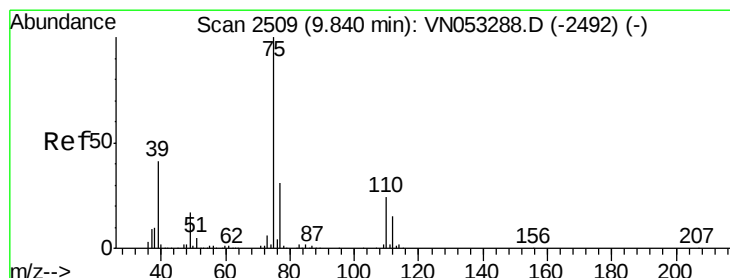
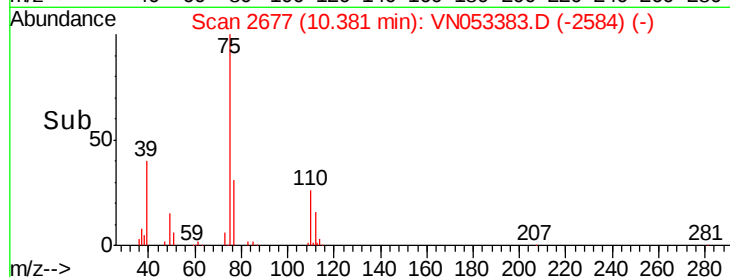
150000

100000

50000

0

Time--> 10.30 10.35 10.40 10.45



#54

cis-1,3-Dichloropropene

Concen: 20.187 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

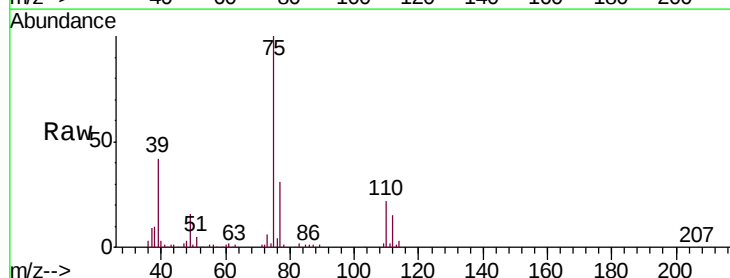
Tgt Ion: 75 Resp: 271289

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 41.5 33.1 49.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

200000

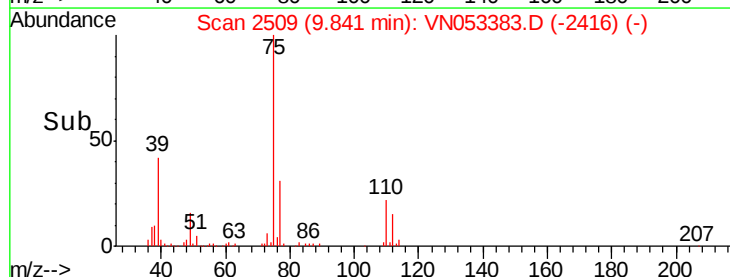
150000

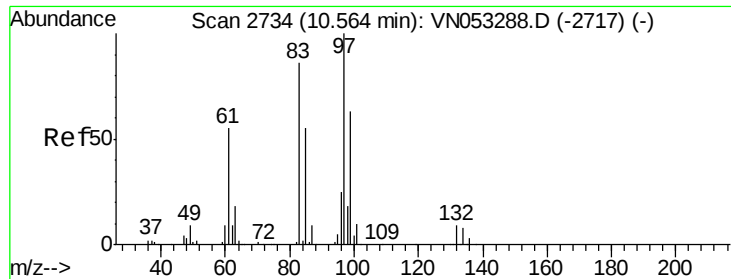
100000

50000

0

Time--> 9.75 9.80 9.85 9.90 9.95





#55

1,1,2-Trichloroethane

Concen: 19.733 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampled :

VN0114MBS01

Tgt Ion: 97 Resp: 158793

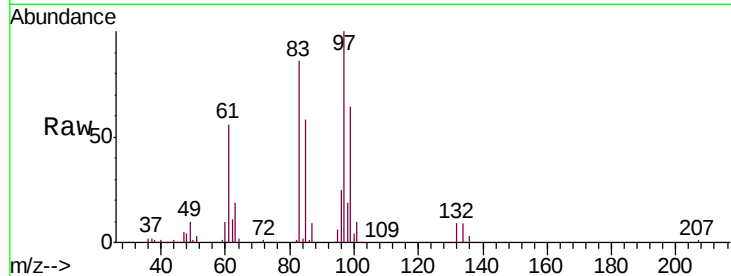
Ion Ratio Lower Upper

97 100

83 86.3 69.1 103.7

85 58.0 44.2 66.4

99 64.2 50.3 75.5

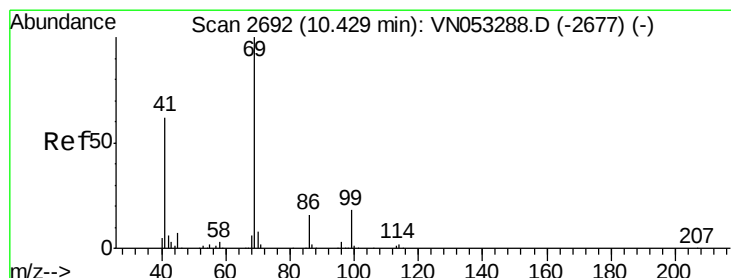
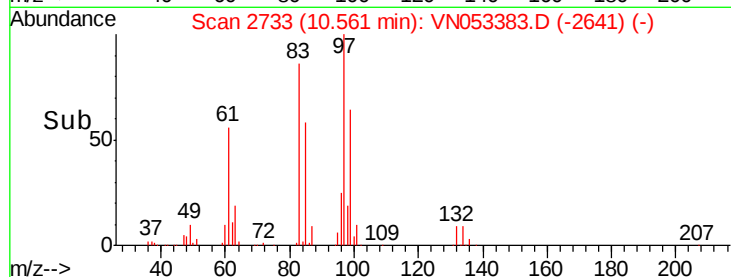
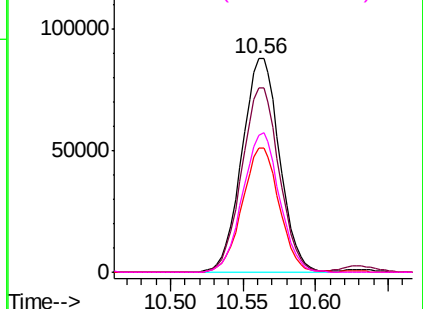


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 19.539 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

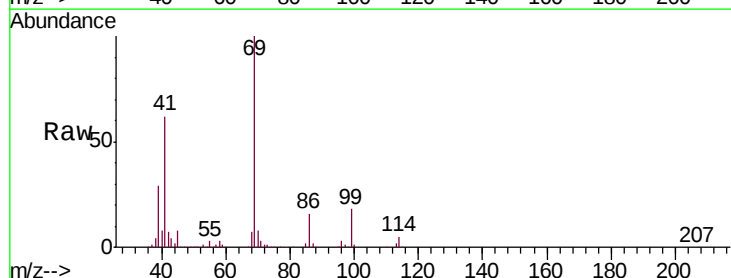
Tgt Ion: 69 Resp: 204331

Ion Ratio Lower Upper

69 100

41 62.0 49.2 73.8

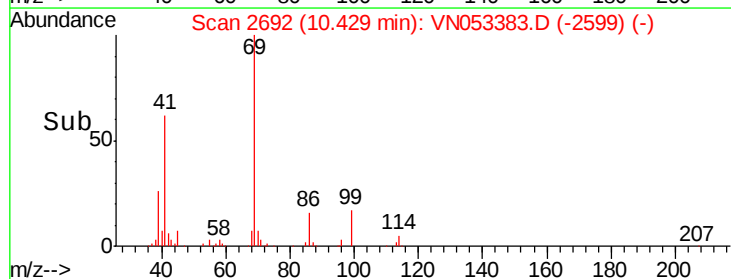
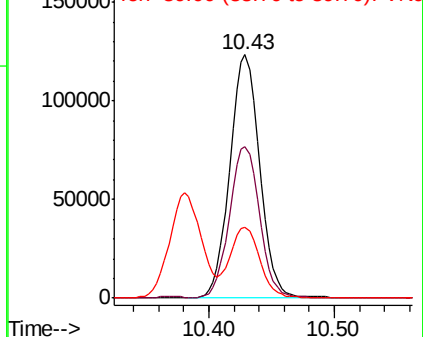
39 29.1 23.4 35.0

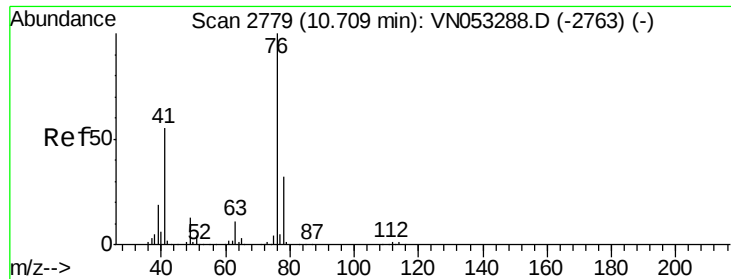


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

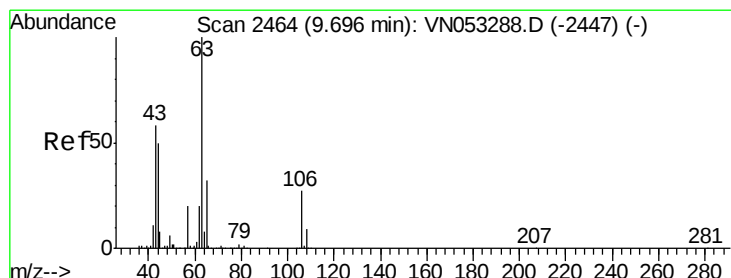
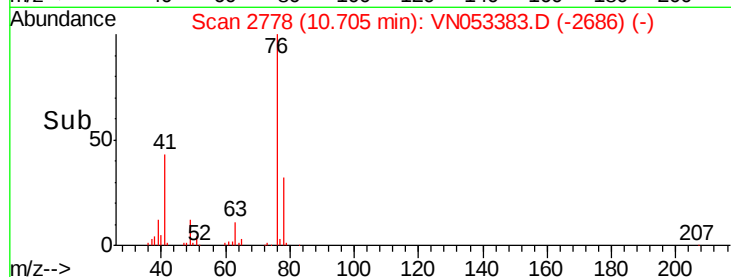
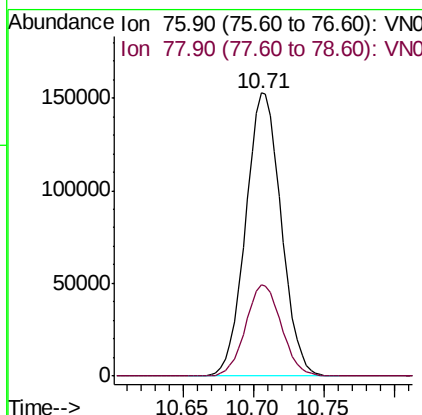
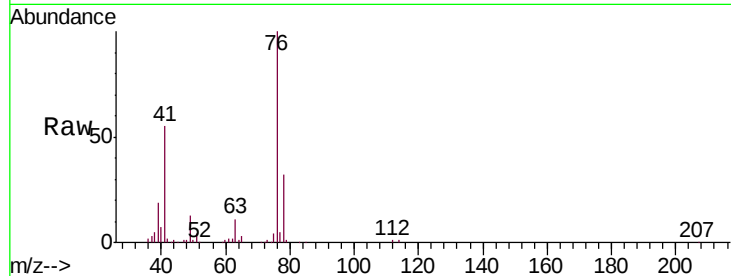




#57  
 1,3-Dichloropropane  
 Concen: 20.034 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

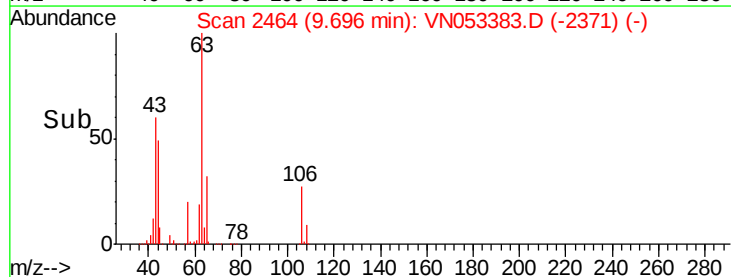
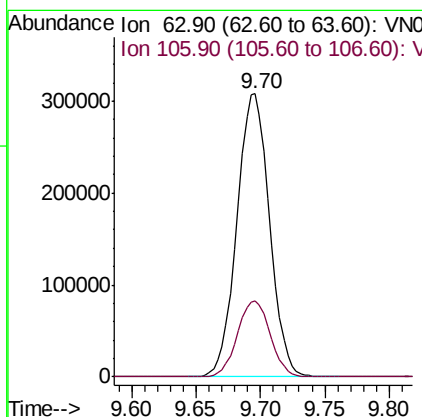
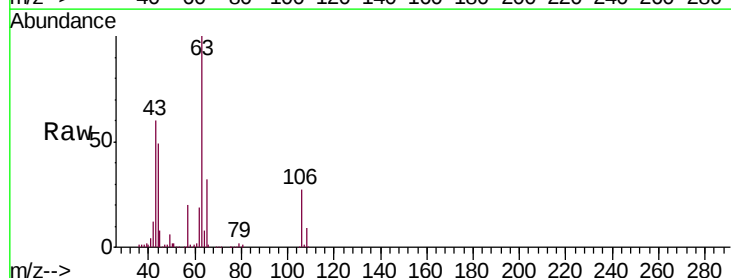
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

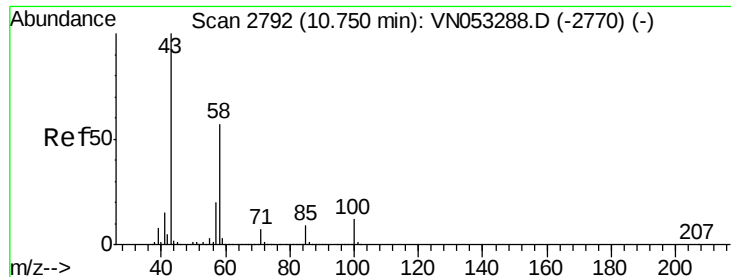
Tgt Ion: 76 Resp: 269598  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 25.8 38.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 95.861 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Tgt Ion: 63 Resp: 541956  
 Ion Ratio Lower Upper  
 63 100  
 106 27.1 21.7 32.5

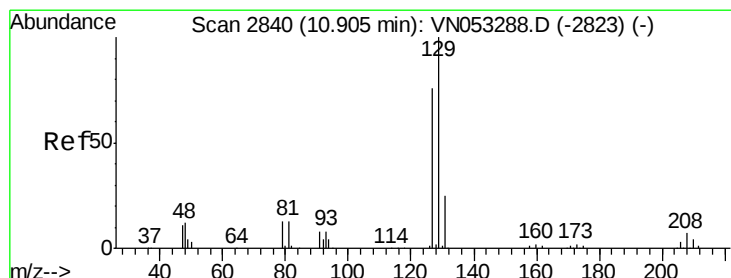
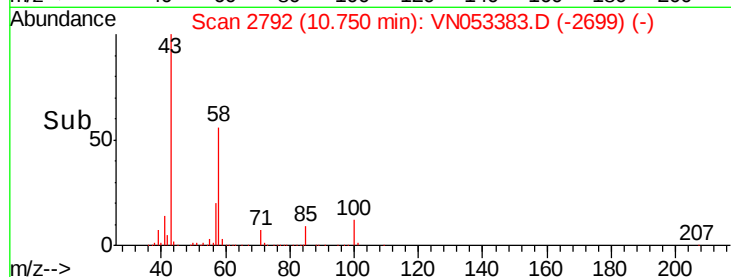
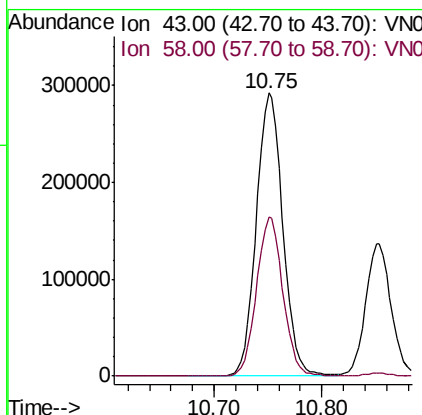
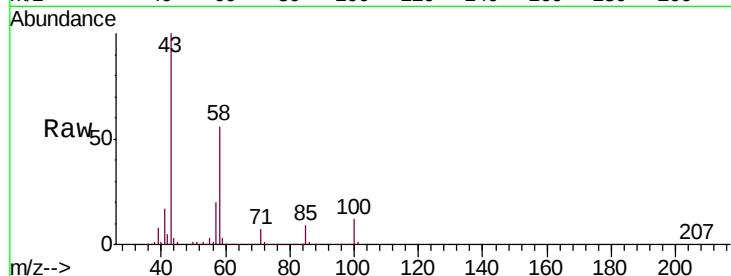




#59  
2-Hexanone  
Concen: 96.300 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

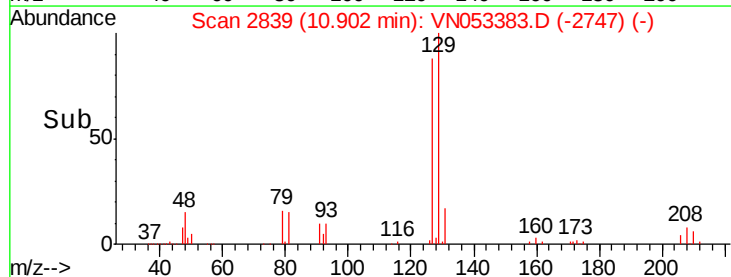
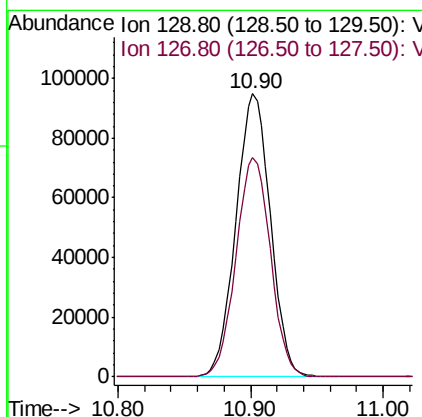
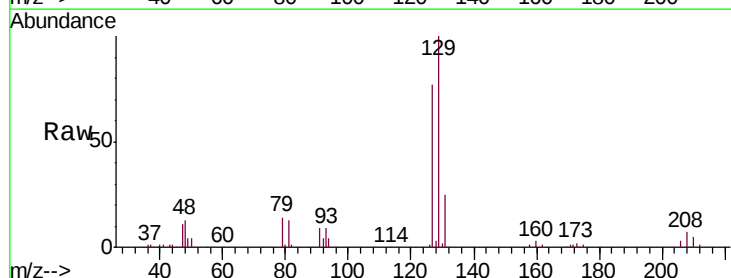
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

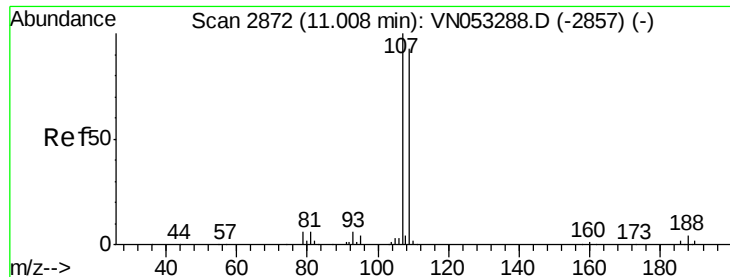
Tgt Ion: 43 Resp: 496536  
Ion Ratio Lower Upper  
43 100  
58 55.9 28.3 85.0



#60  
Dibromochloromethane  
Concen: 19.776 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Tgt Ion: 129 Resp: 171648  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.4 115.2

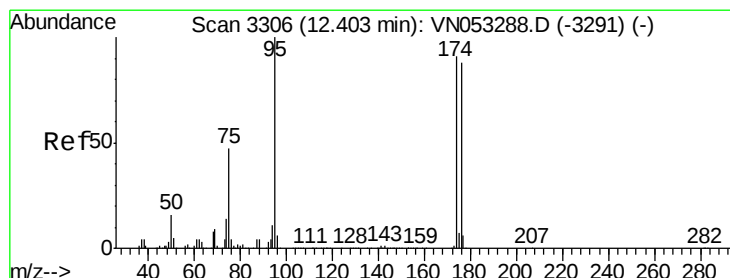
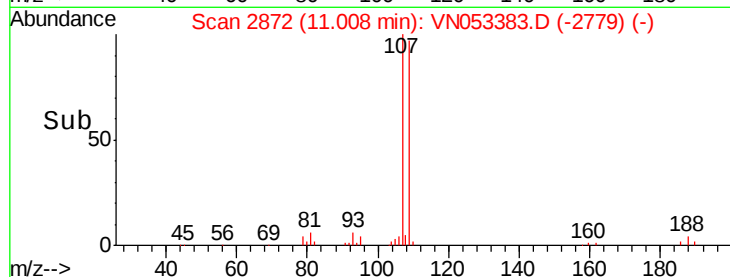
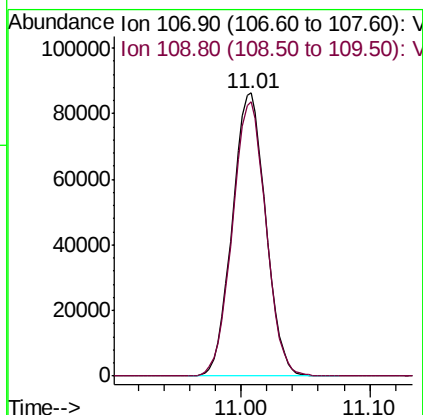
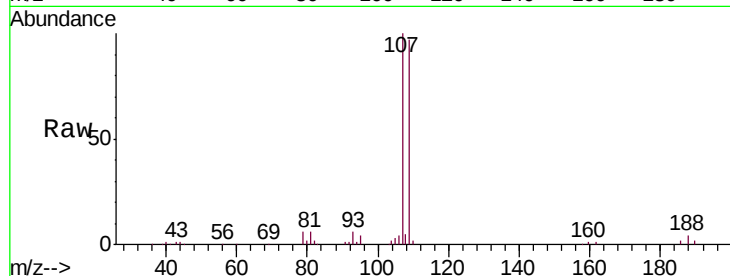




#61  
 1,2-Dibromoethane  
 Concen: 19.565 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

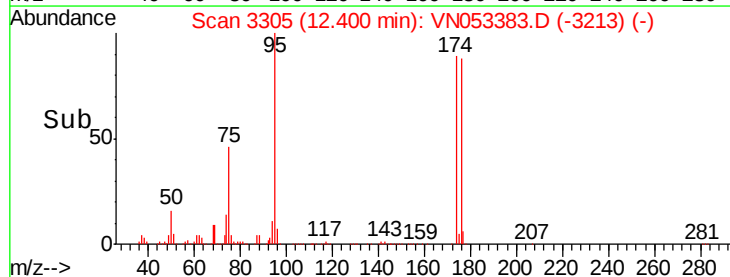
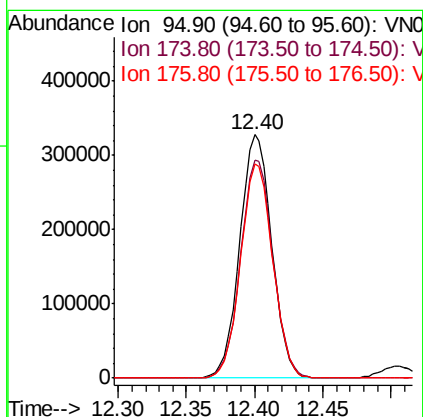
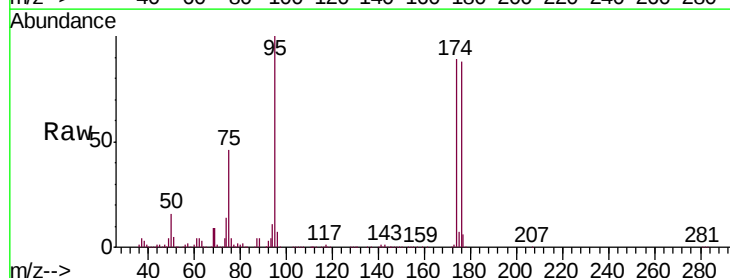
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

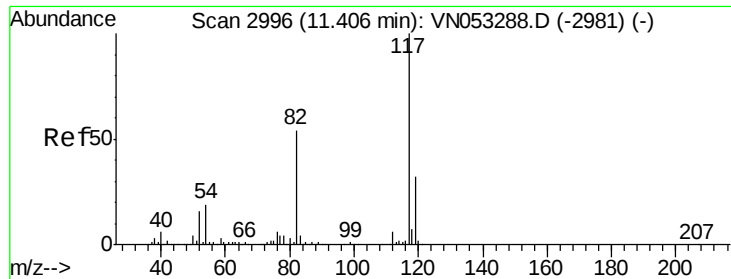
Tgt Ion: 107 Resp: 155368  
 Ion Ratio Lower Upper  
 107 100  
 109 97.1 75.0 112.6



#62  
 4-Bromofluorobenzene  
 Concen: 19.565 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Tgt Ion: 95 Resp: 534459  
 Ion Ratio Lower Upper  
 95 100  
 174 90.3 0.0 180.4  
 176 88.3 0.0 175.6

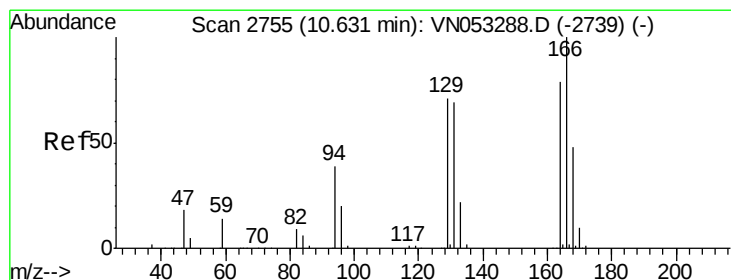
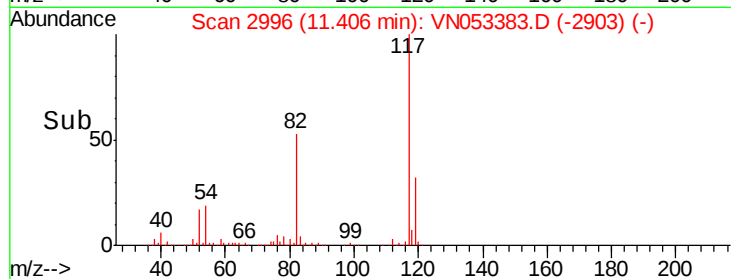
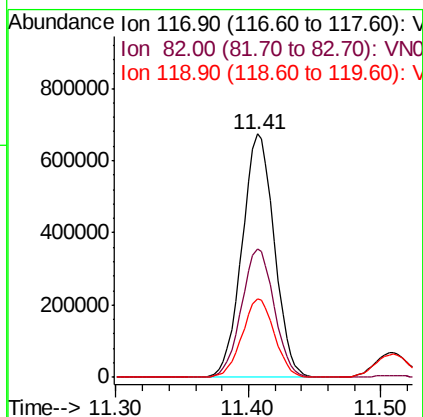
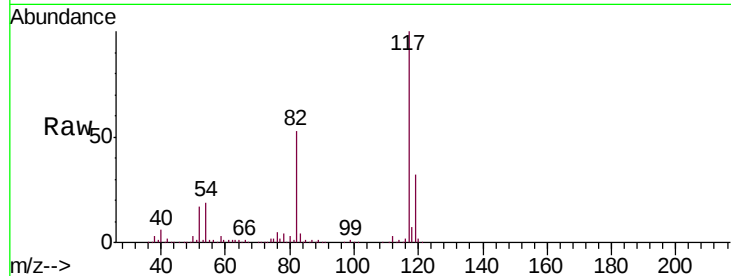




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

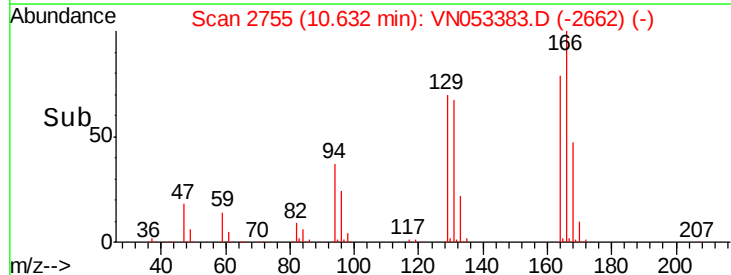
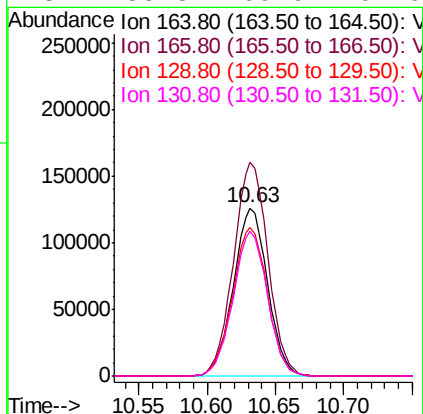
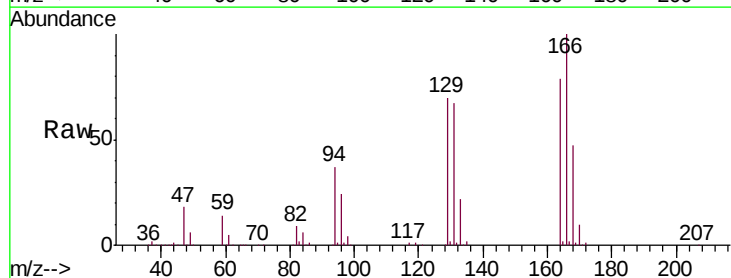
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

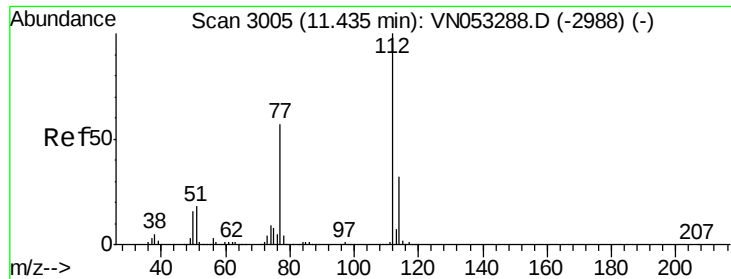
Tgt Ion:117 Resp: 1139197  
Ion Ratio Lower Upper  
117 100  
82 52.8 42.9 64.3  
119 32.1 25.6 38.4



#64  
Tetrachloroethene  
Concen: 20.380 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Tgt Ion:164 Resp: 218513  
Ion Ratio Lower Upper  
164 100  
166 127.2 101.7 152.5  
129 88.4 72.1 108.1  
131 85.8 69.9 104.9

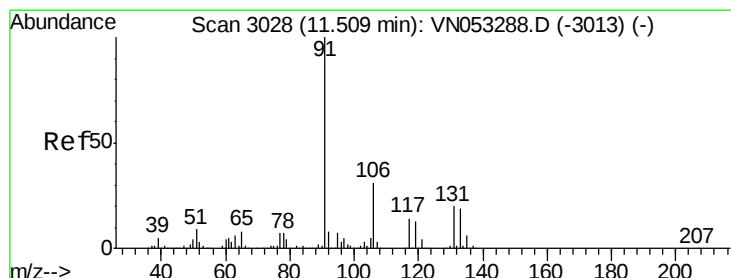
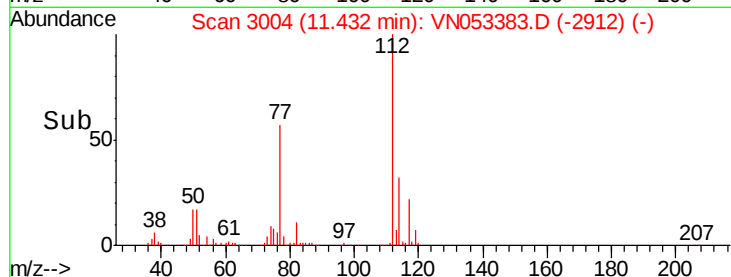
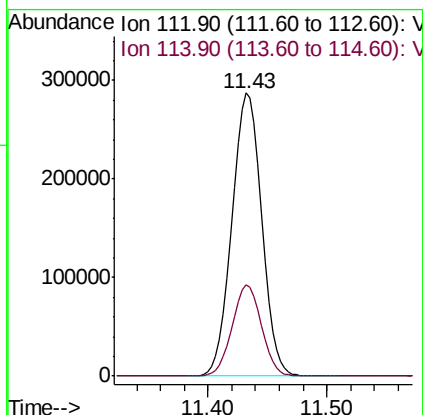
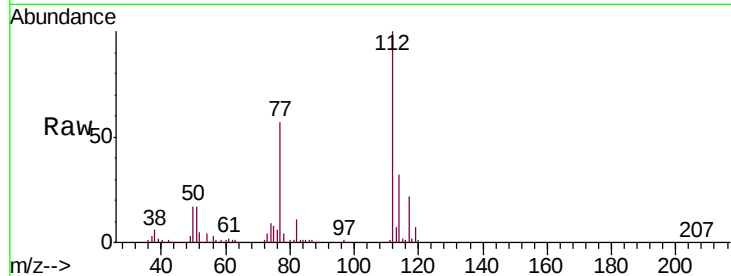




#65  
Chlorobenzene  
Concen: 20.097 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

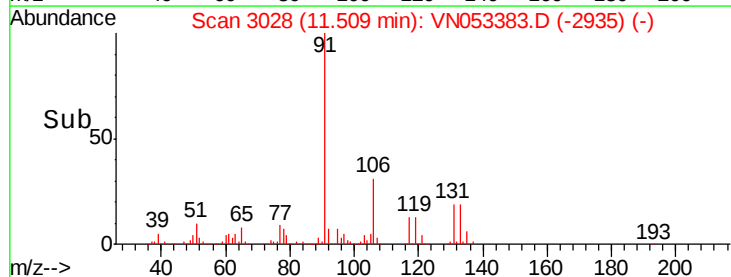
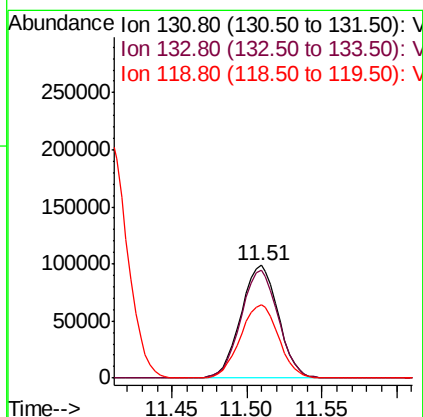
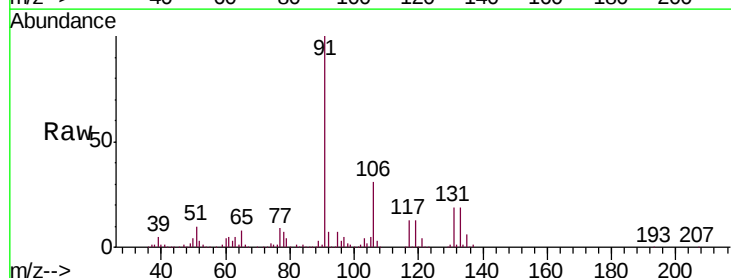
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

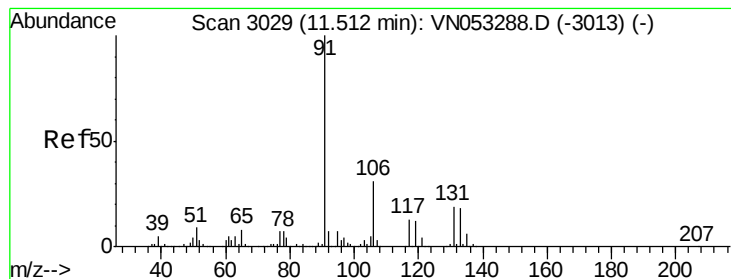
Tgt Ion:112 Resp: 497345  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.889 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Tgt Ion:131 Resp: 172280  
Ion Ratio Lower Upper  
131 100  
133 95.4 48.0 144.0  
119 66.1 33.3 99.9





#67

Ethyl Benzene

Concen: 20.102 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

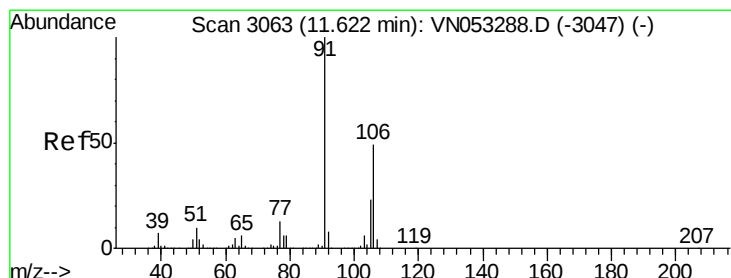
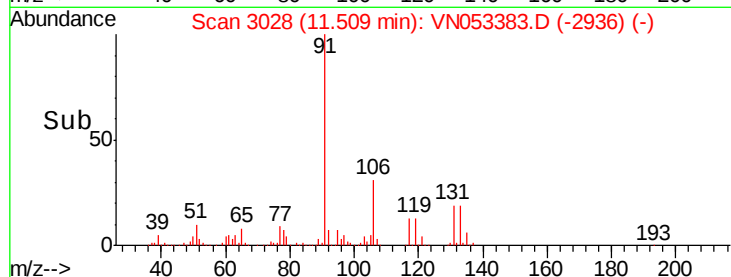
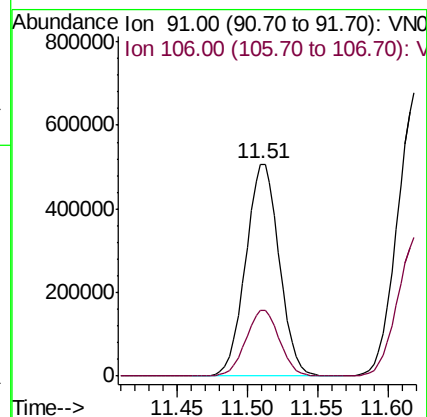
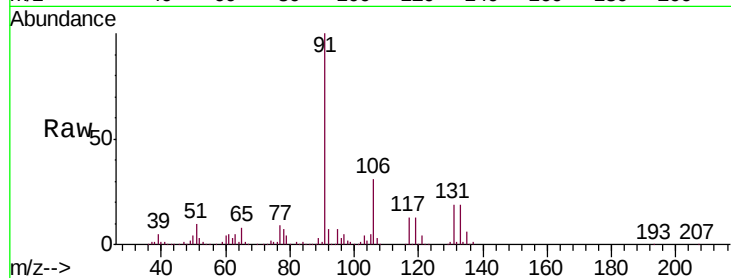
VN0114MBS01

Tgt Ion: 91 Resp: 845309

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 40.988 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053383.D

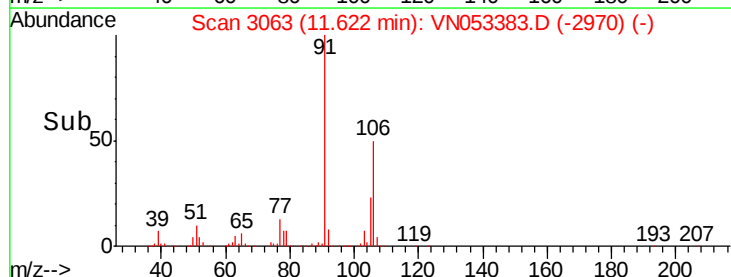
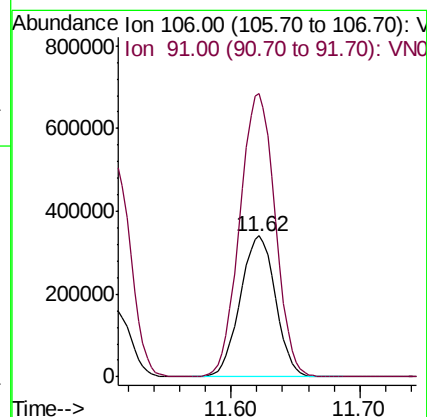
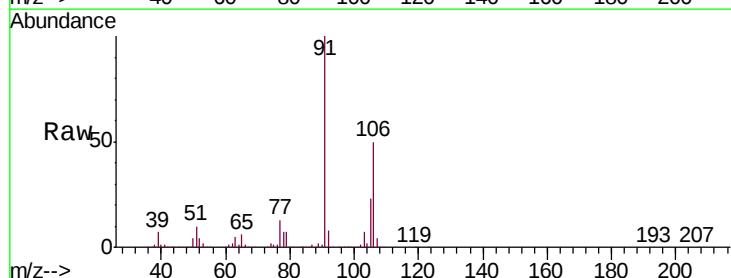
Acq: 14 Jan 2019 11:30

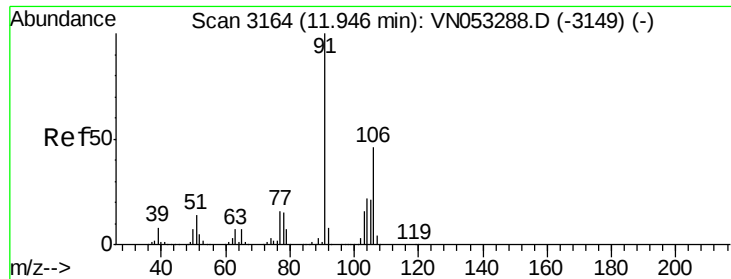
Tgt Ion: 106 Resp: 648129

Ion Ratio Lower Upper

106 100

91 201.6 161.4 242.2

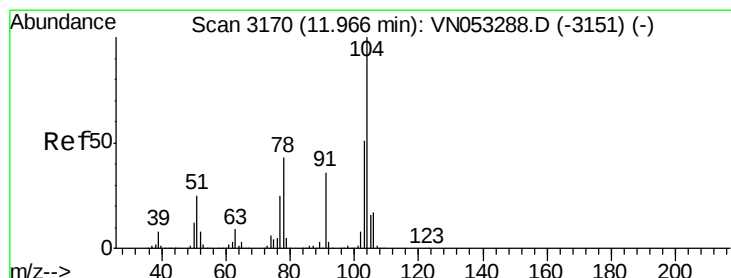
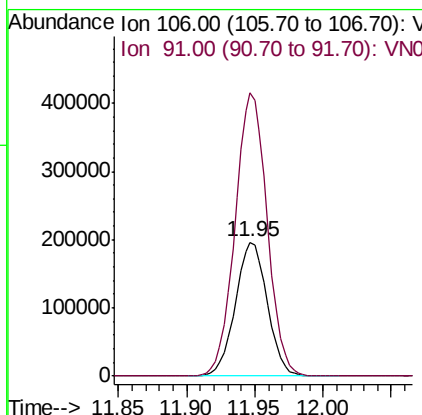
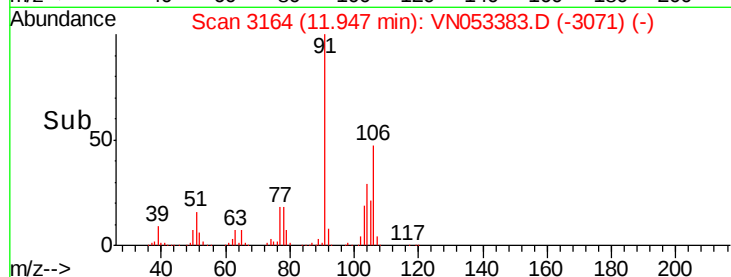
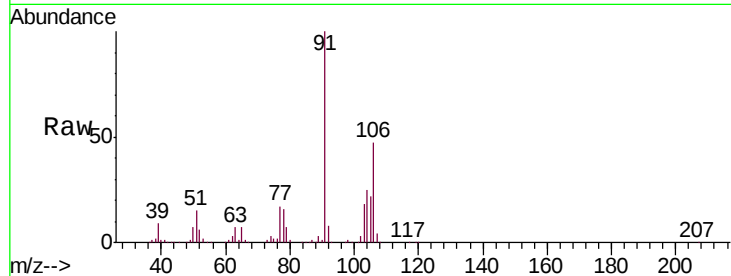




#69  
o-Xylene  
Concen: 20.523 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

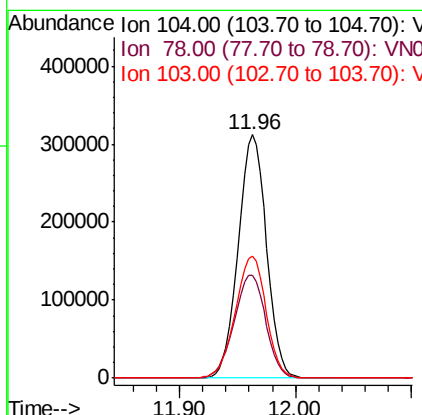
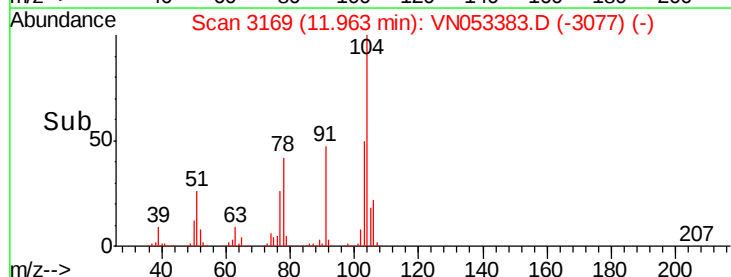
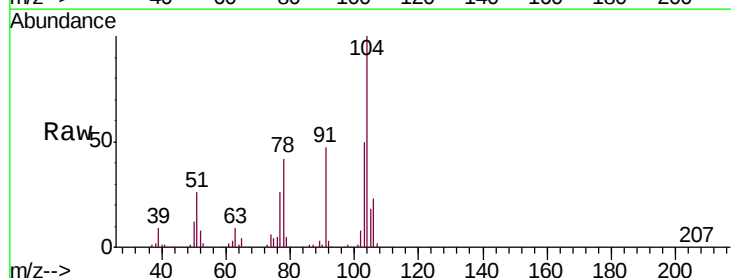
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0114MBS01

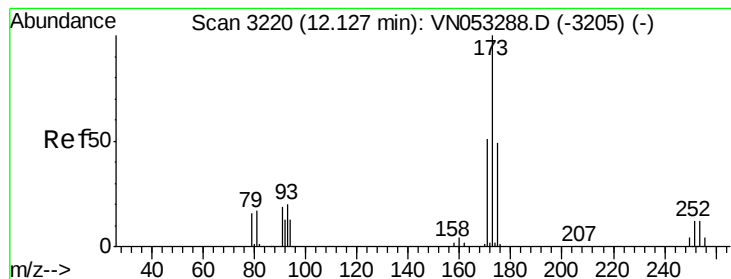
Tgt Ion:106 Resp: 317707  
Ion Ratio Lower Upper  
106 100  
91 212.5 106.8 320.4



#70  
Styrene  
Concen: 20.891 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN053383.D  
Acq: 14 Jan 2019 11:30

Tgt Ion:104 Resp: 526345  
Ion Ratio Lower Upper  
104 100  
78 47.4 38.5 57.7  
103 54.6 44.5 66.7





#71

Bromoform

Concen: 19.658 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

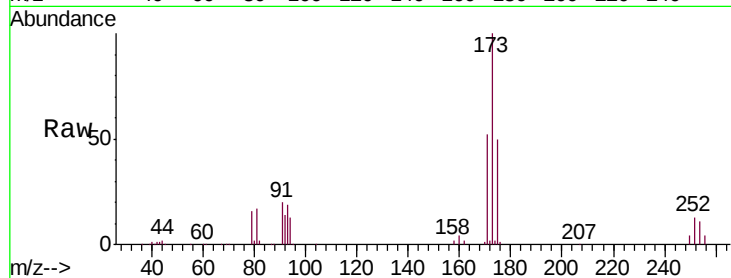
Tgt Ion:173 Resp: 120271

Ion Ratio Lower Upper

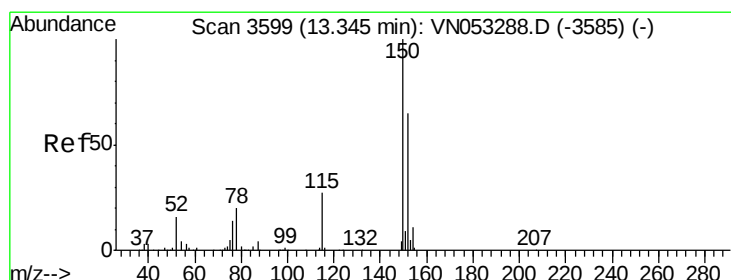
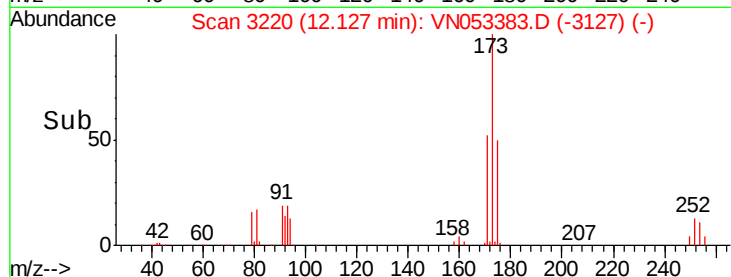
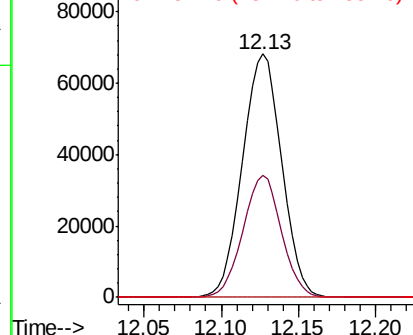
173 100

175 48.9 24.3 72.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

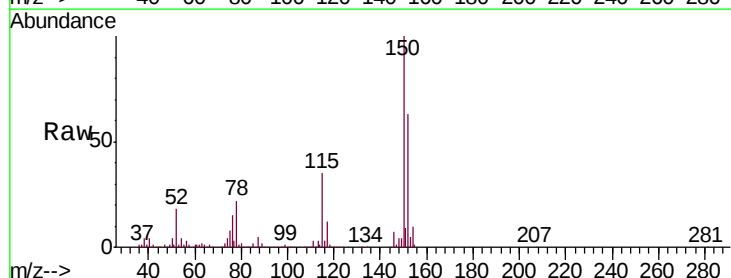
Tgt Ion:152 Resp: 552722

Ion Ratio Lower Upper

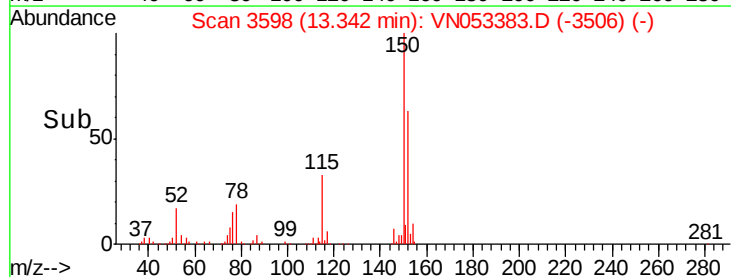
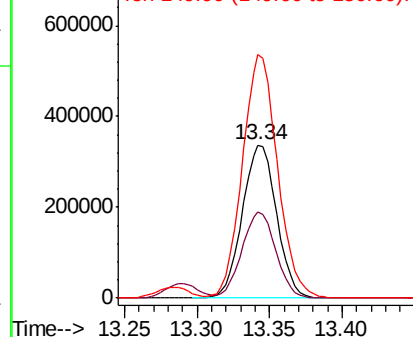
152 100

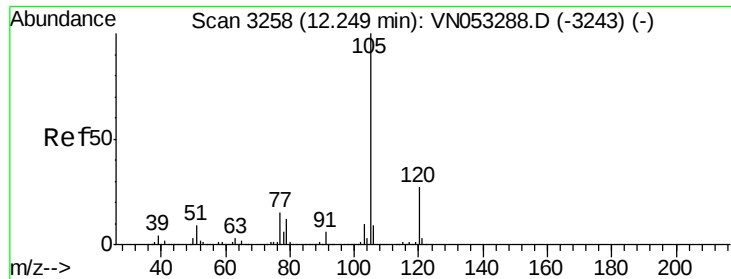
115 55.8 28.0 84.0

150 163.4 0.0 346.6



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: 20.375 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

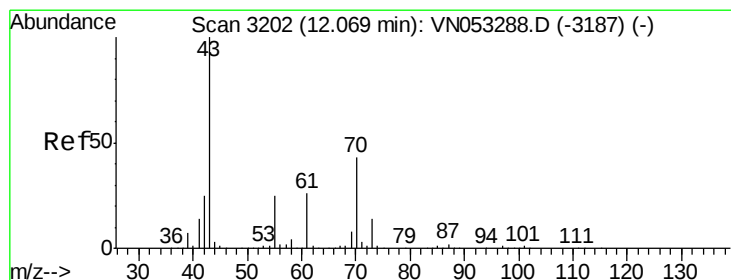
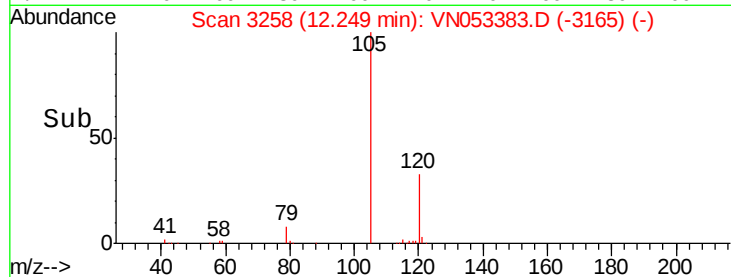
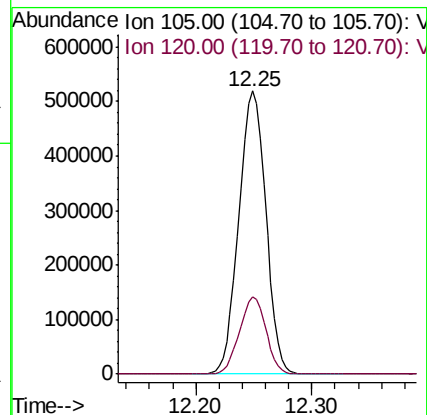
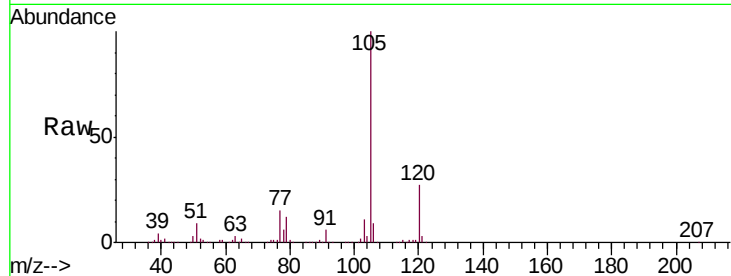
VN0114MBS01

Tgt Ion: 105 Resp: 838458

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 19.015 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Tgt Ion: 43 Resp: 233661

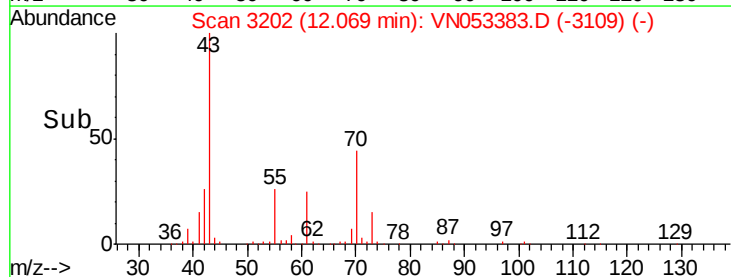
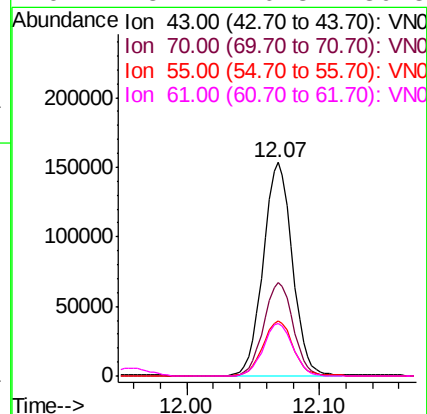
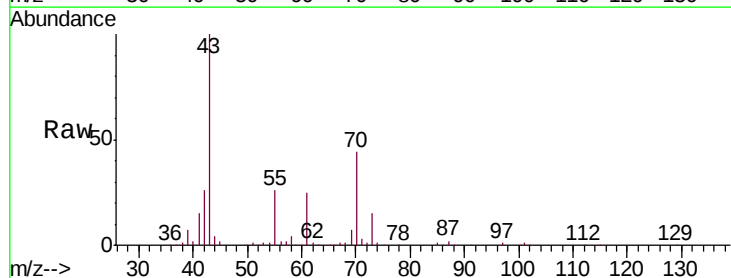
Ion Ratio Lower Upper

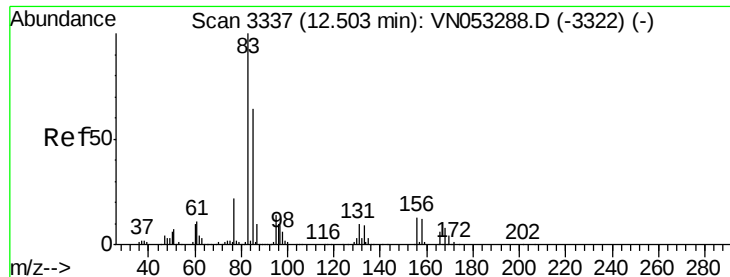
43 100

70 44.6 35.0 52.6

55 27.1 20.0 30.0

61 25.1 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.267 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

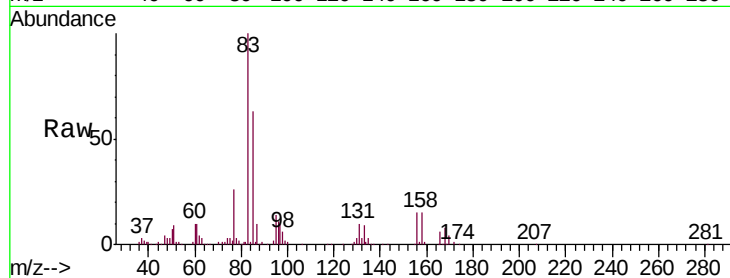
Tgt Ion: 83 Resp: 182389

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

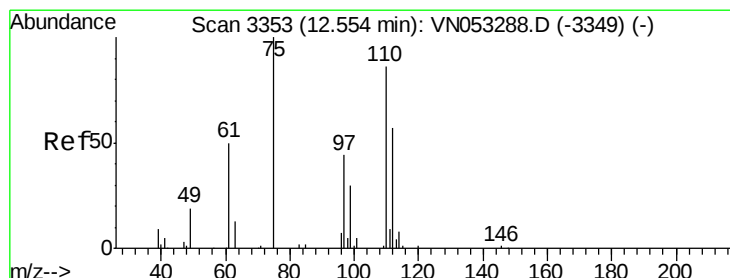
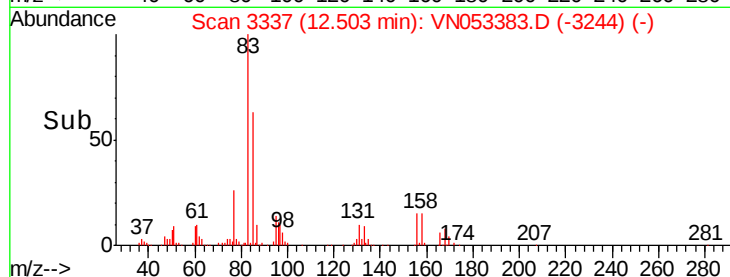
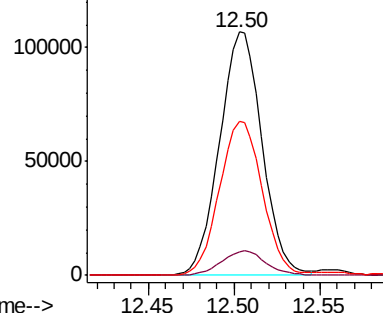
85 63.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.501 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053383.D

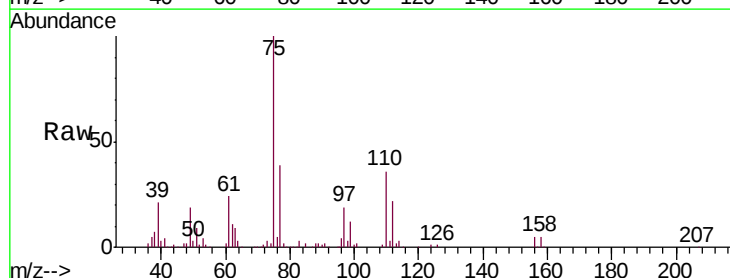
Acq: 14 Jan 2019 11:30

Tgt Ion: 75 Resp: 245893

Ion Ratio Lower Upper

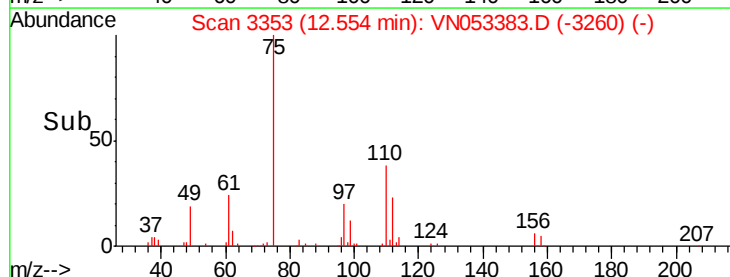
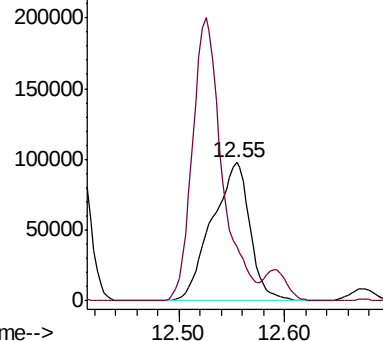
75 100

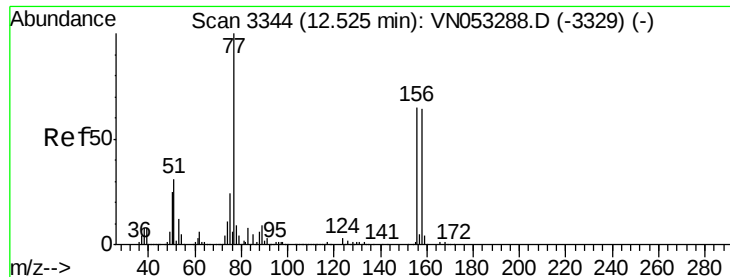
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.140 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

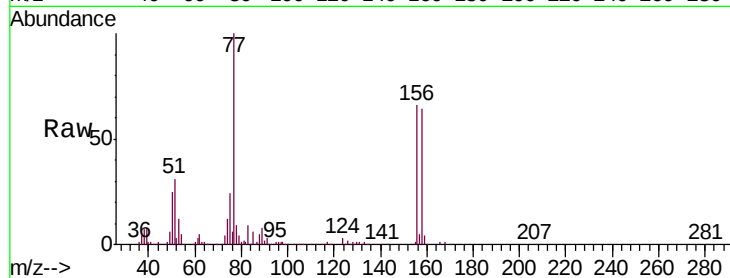
Tgt Ion:156 Resp: 221200

Ion Ratio Lower Upper

156 100

77 176.0 89.3 268.1

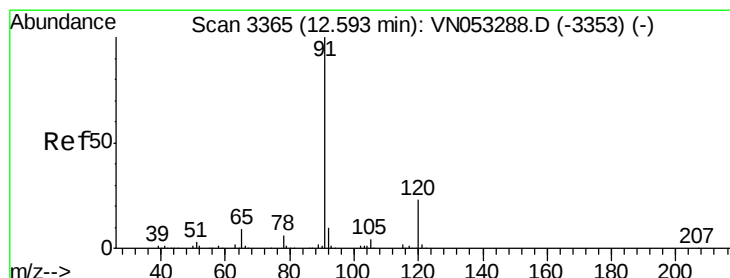
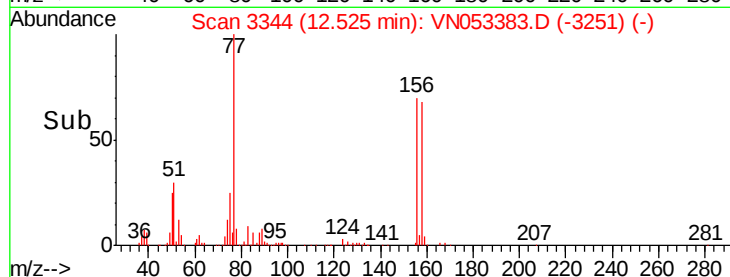
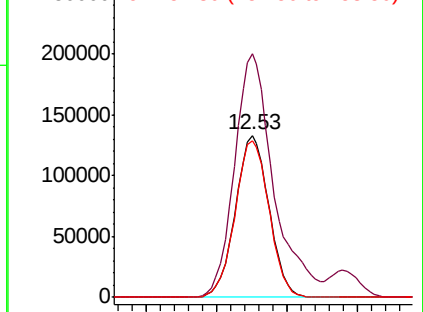
158 98.2 48.9 146.8



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: 20.746 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053383.D

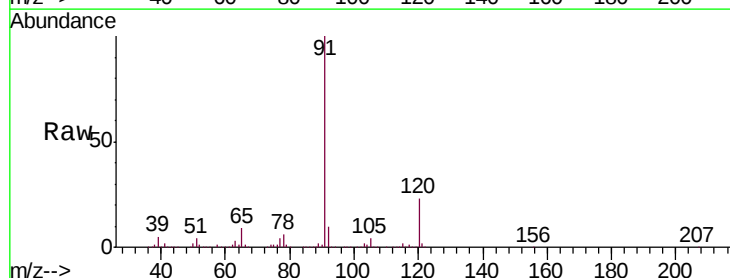
Acq: 14 Jan 2019 11:30

Tgt Ion: 91 Resp: 965677

Ion Ratio Lower Upper

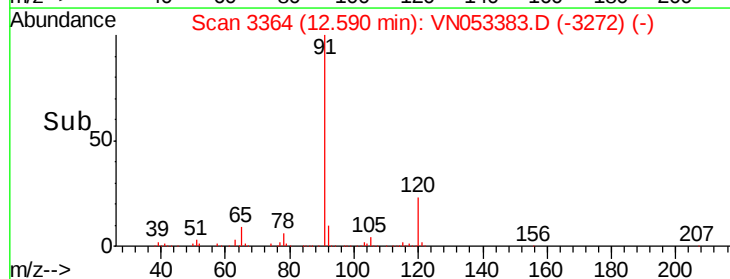
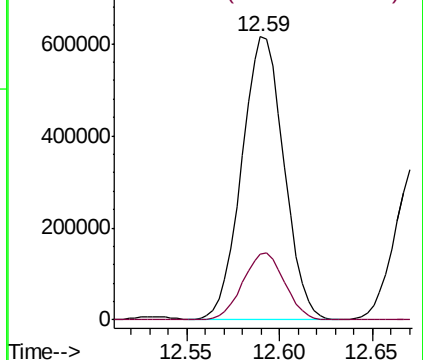
91 100

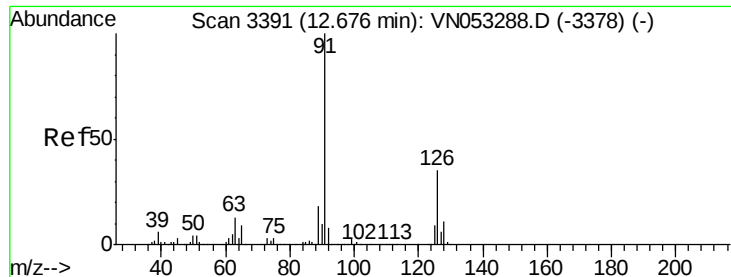
120 23.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.337 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

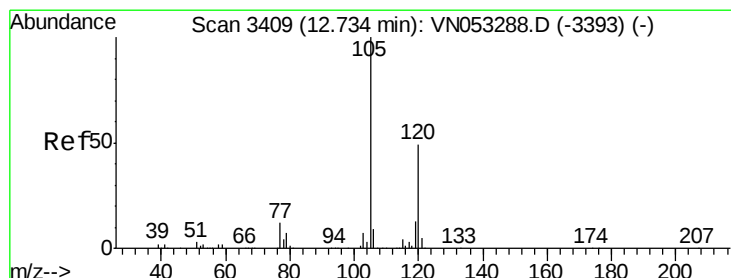
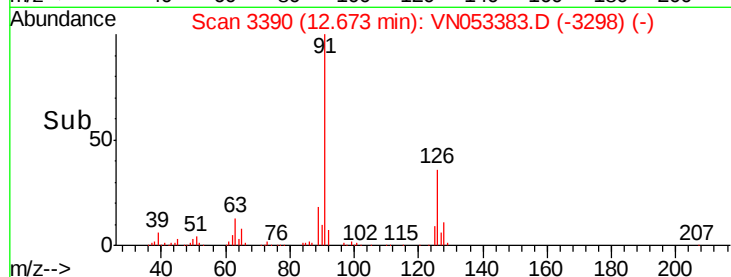
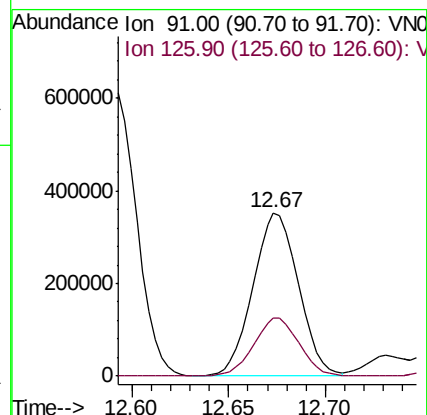
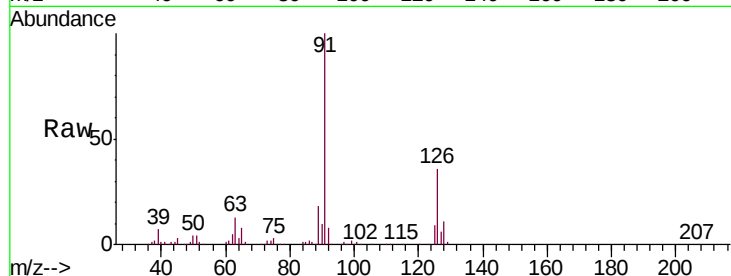
VN0114MBS01

Tgt Ion: 91 Resp: 572797

Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.957 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053383.D

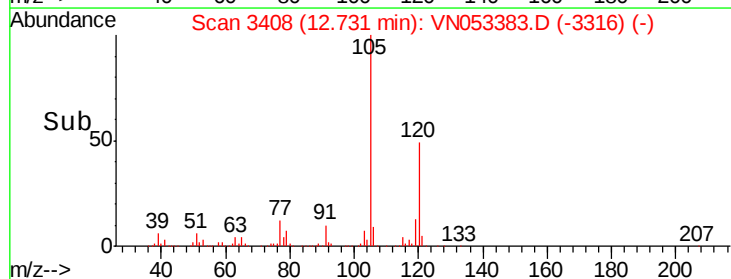
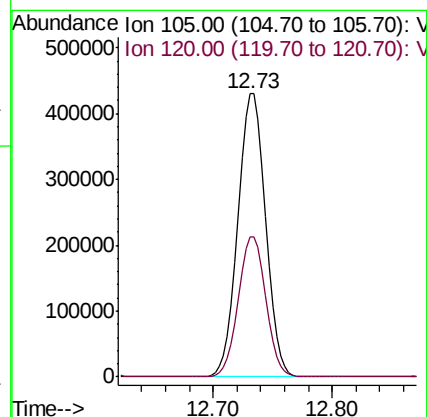
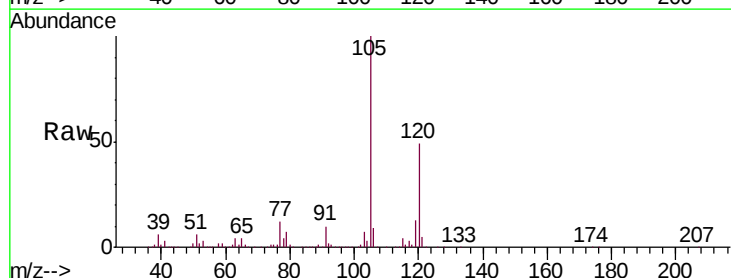
Acq: 14 Jan 2019 11:30

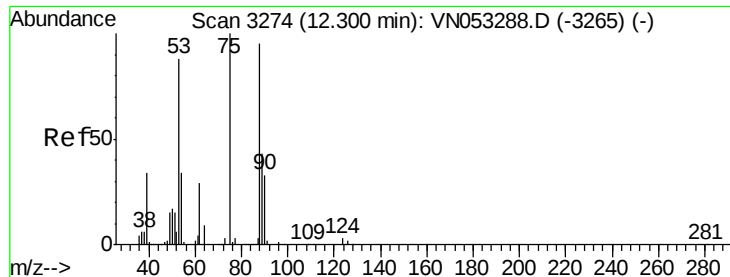
Tgt Ion: 105 Resp: 694688

Ion Ratio Lower Upper

105 100

120 49.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.311 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

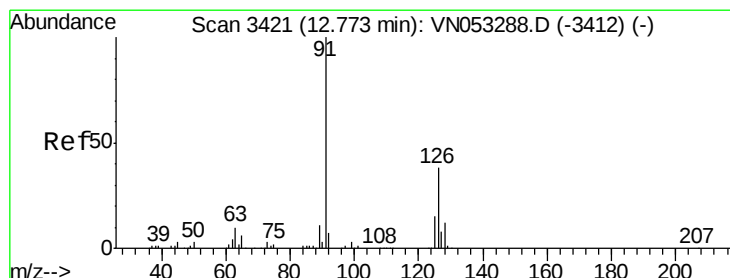
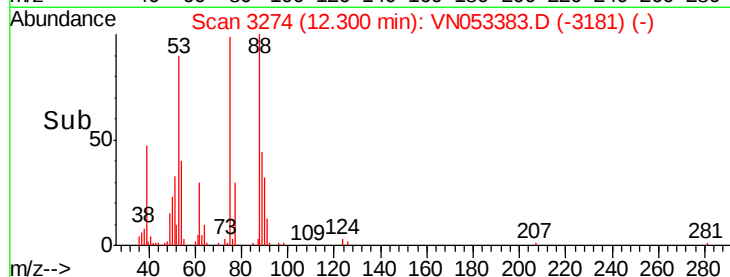
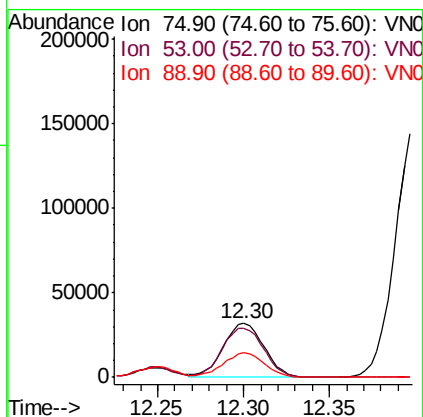
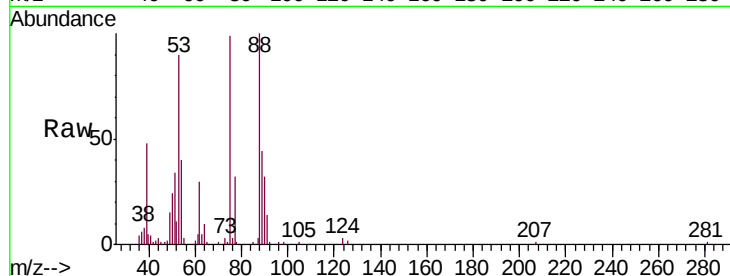
Tgt Ion: 75 Resp: 52914

Ion Ratio Lower Upper

75 100

53 94.1 70.5 105.7

89 45.6 35.4 53.0



#82

4-Chlorotoluene

Concen: 20.137 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053383.D

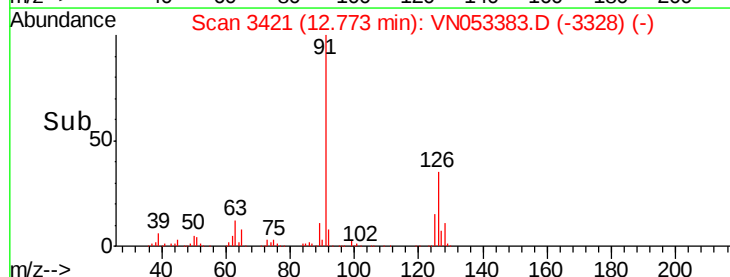
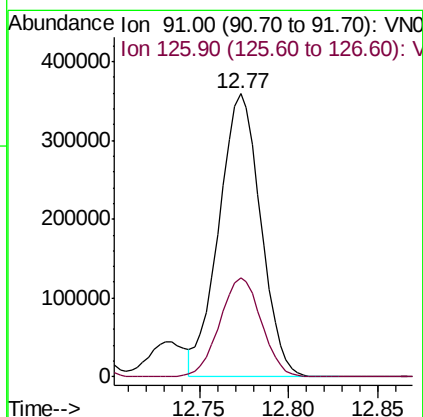
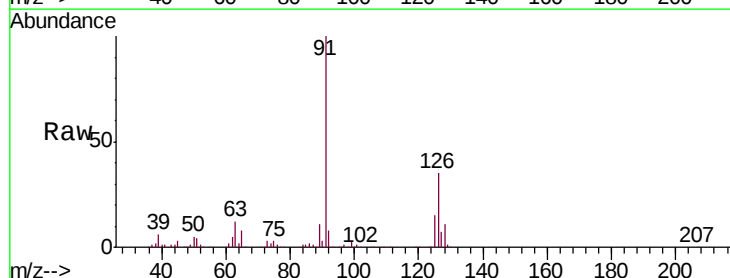
Acq: 14 Jan 2019 11:30

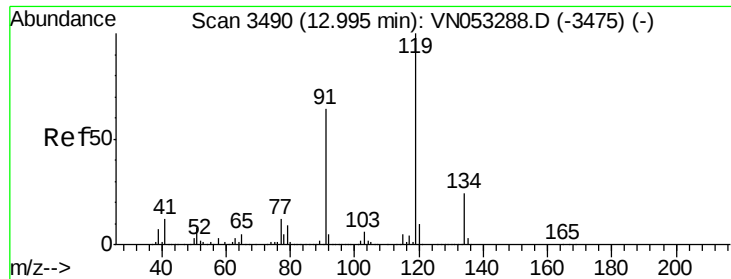
Tgt Ion: 91 Resp: 581570

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.2

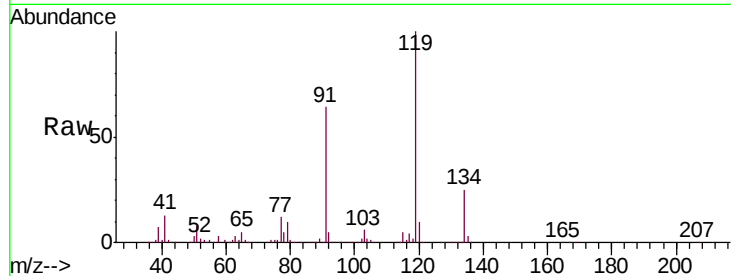




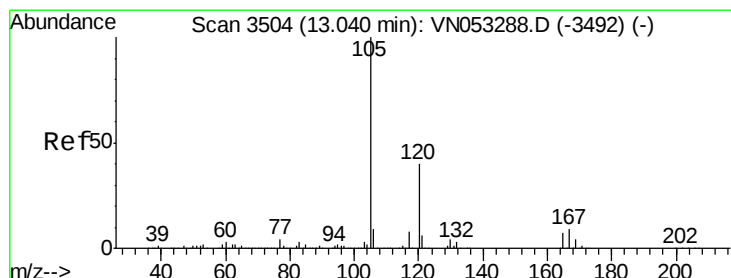
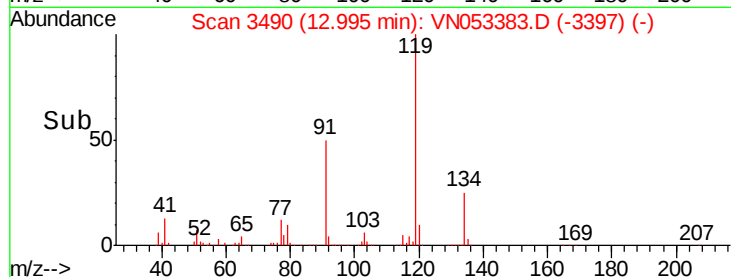
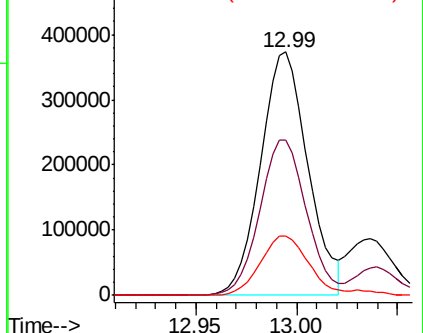
#83  
 tert-Butylbenzene  
 Concen: 21.013 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

Tgt Ion:119 Resp: 611112  
 Ion Ratio Lower Upper  
 119 100  
 91 62.8 31.6 95.0  
 134 26.1 12.9 38.6

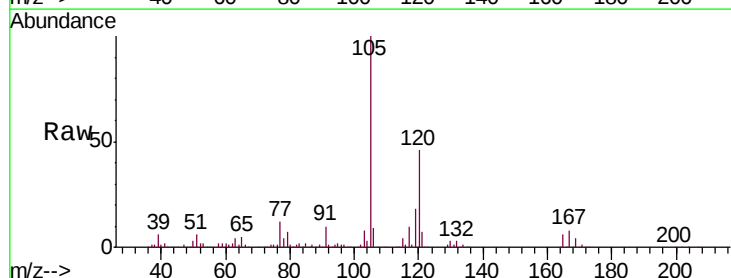


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VN  
 Ion 134.00 (133.70 to 134.70): V

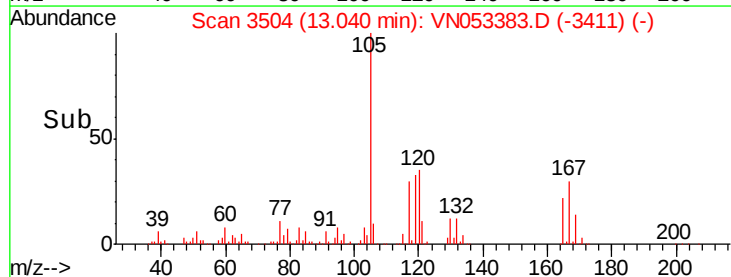
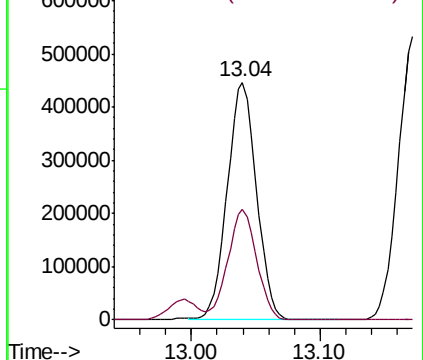


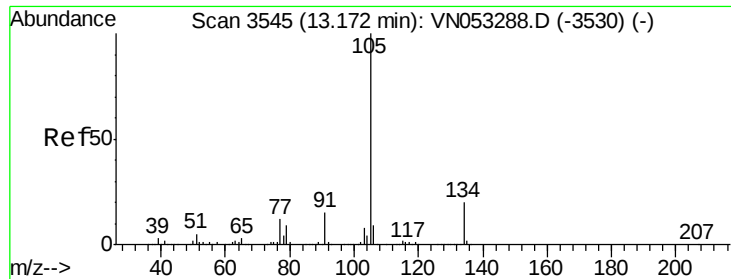
#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.727 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Tgt Ion:105 Resp: 699940  
 Ion Ratio Lower Upper  
 105 100  
 120 46.1 23.0 69.0



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

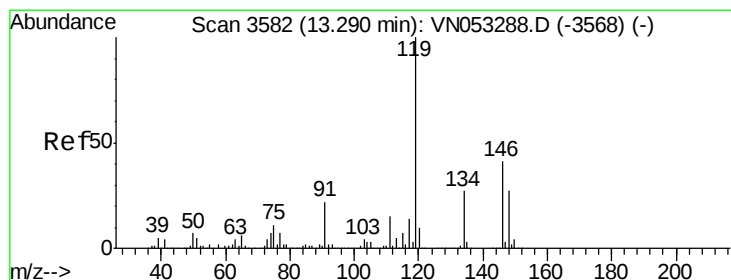
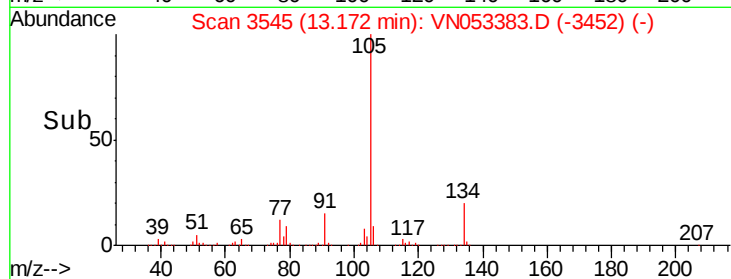
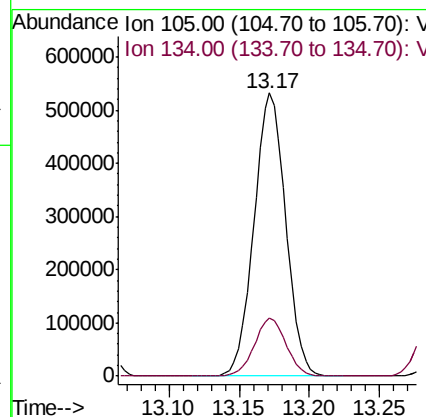
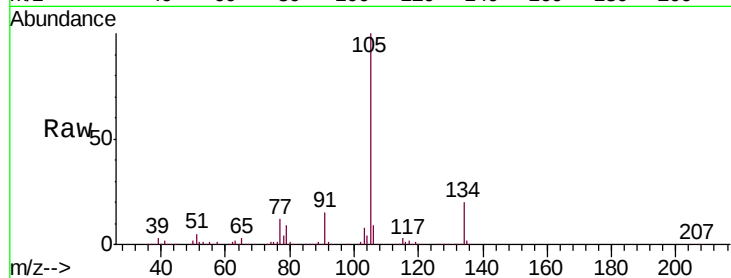




#85  
 sec-Butylbenzene  
 Concen: 21.782 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

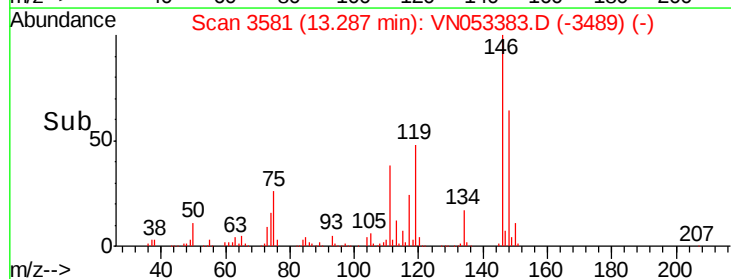
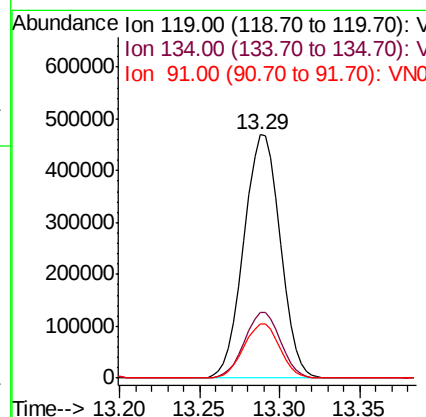
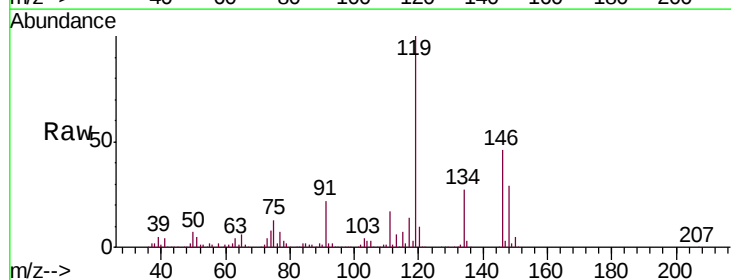
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

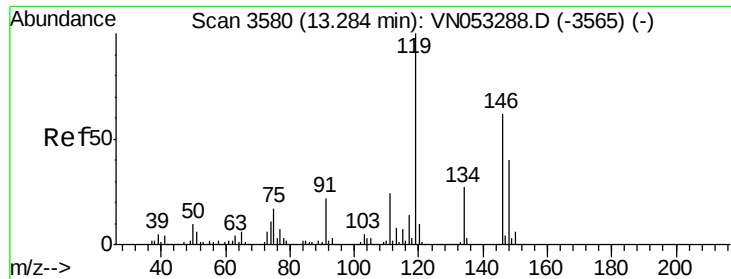
Tgt Ion:105 Resp: 835423  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 21.928 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Tgt Ion:119 Resp: 728171  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.4 40.1  
 91 22.1 11.1 33.1

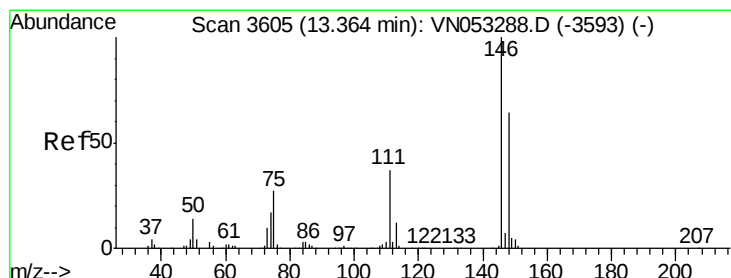
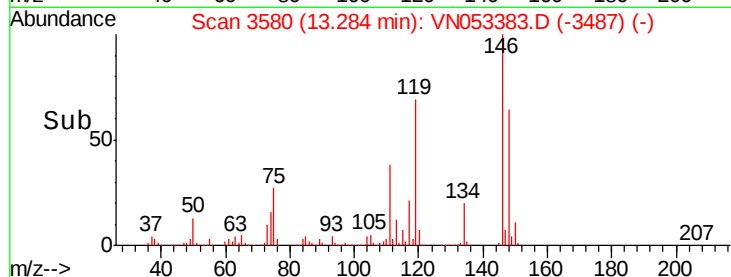
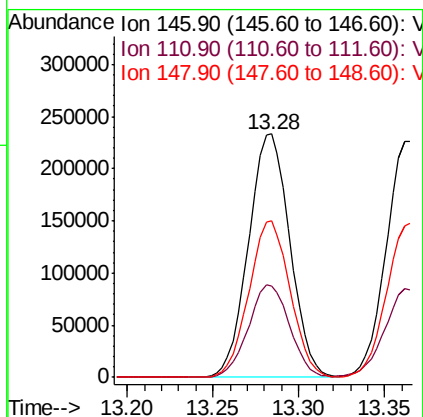
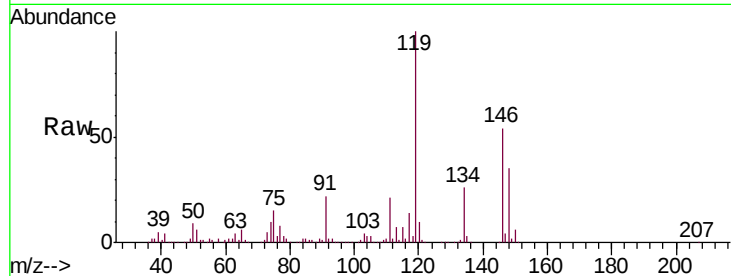




#87  
 1,3-Dichlorobenzene  
 Concen: 20.118 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

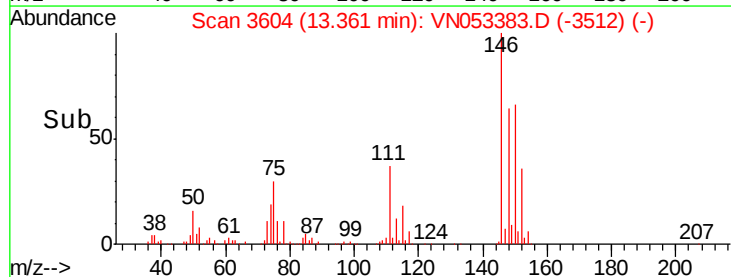
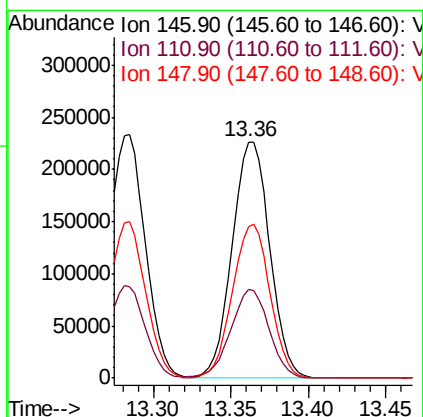
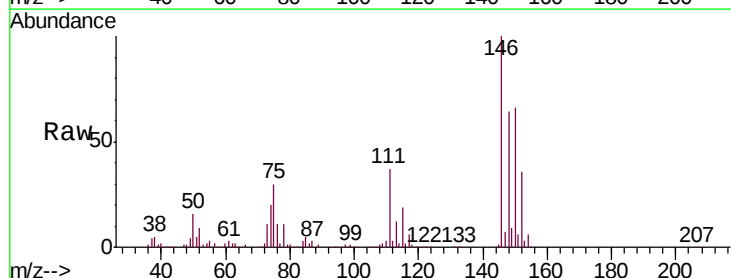
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

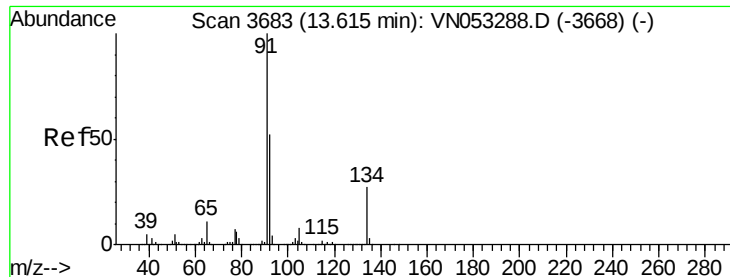
Tgt Ion:146 Resp: 389109  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 18.9 56.5  
 148 63.9 32.0 96.2



#88  
 1,4-Dichlorobenzene  
 Concen: 19.917 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Tgt Ion:146 Resp: 382135  
 Ion Ratio Lower Upper  
 146 100  
 111 38.2 18.6 55.8  
 148 65.0 32.0 96.0





#89

n-Butylbenzene

Concen: 21.574 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampled :

VN0114MBS01

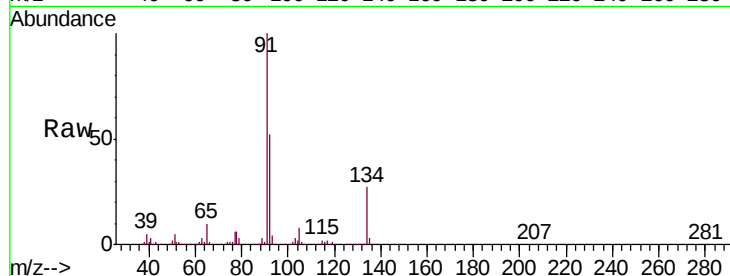
Tgt Ion: 91 Resp: 600650

Ion Ratio Lower Upper

91 100

92 52.0 26.3 78.8

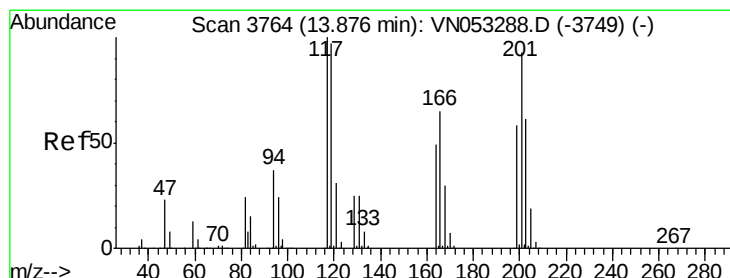
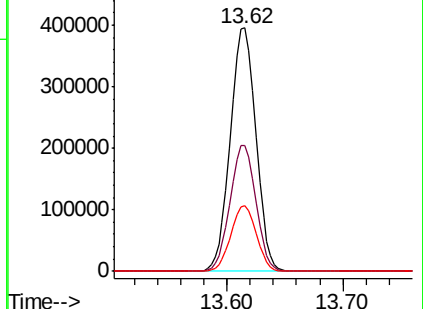
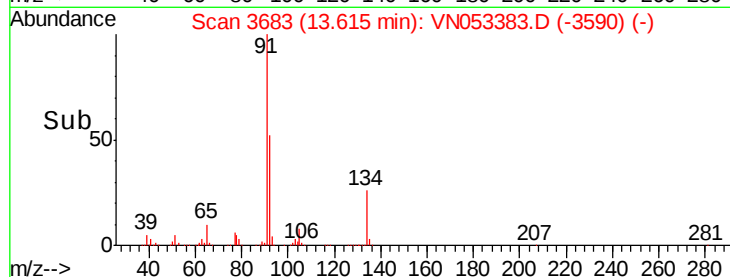
134 26.9 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VN053383.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053383.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053383.D (-3668) (-)



#90

Hexachloroethane

Concen: 20.219 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053383.D

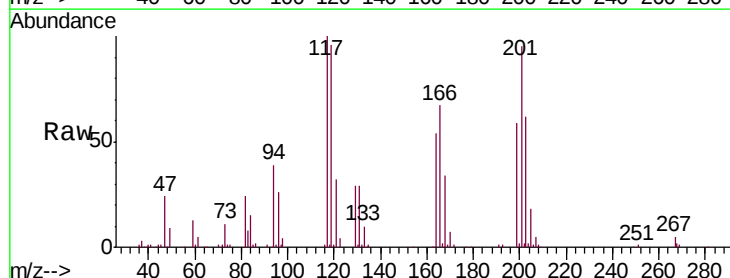
Acq: 14 Jan 2019 11:30

Tgt Ion: 117 Resp: 107616

Ion Ratio Lower Upper

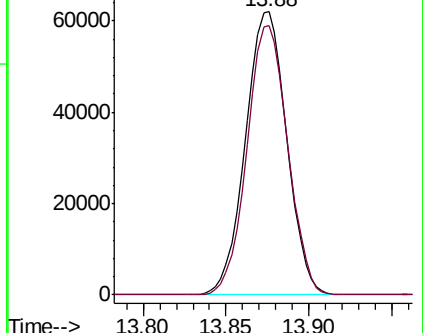
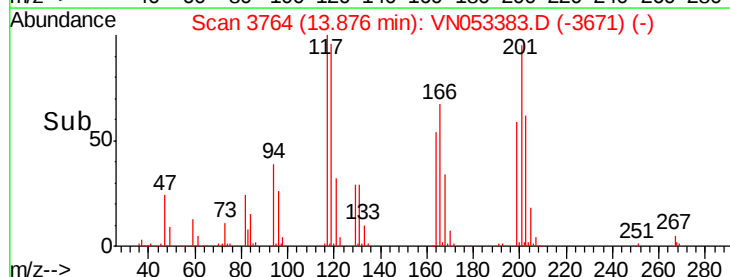
117 100

201 93.7 46.1 138.3



Abundance Ion 116.80 (116.50 to 117.50): VN053383.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053383.D (-3749) (-)

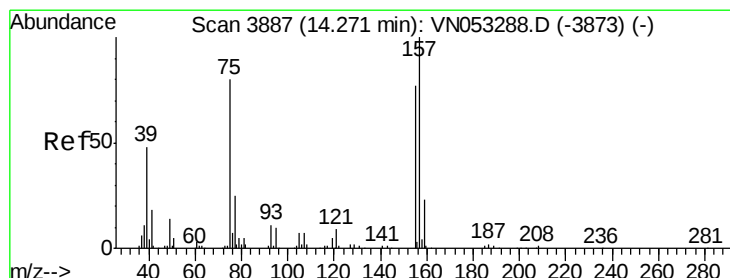
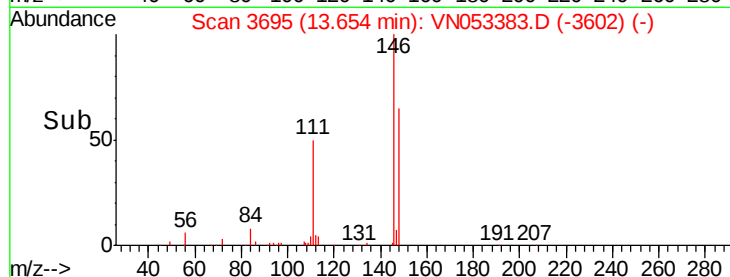
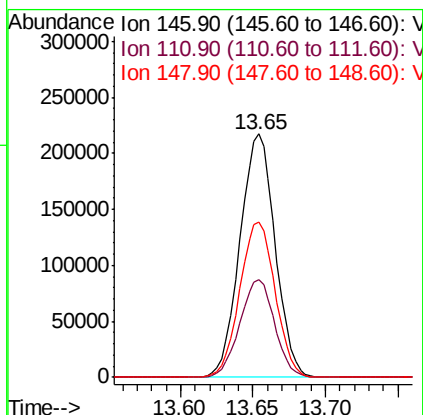
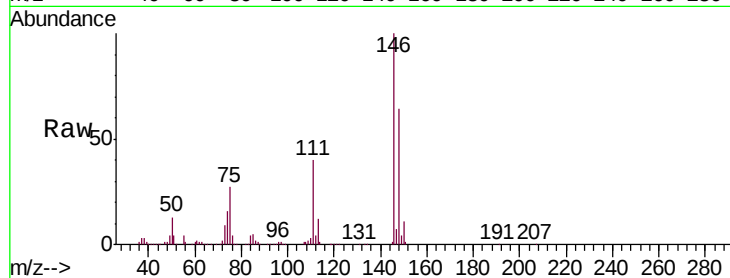




#91  
 1,2-Dichlorobenzene  
 Concen: 20.204 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

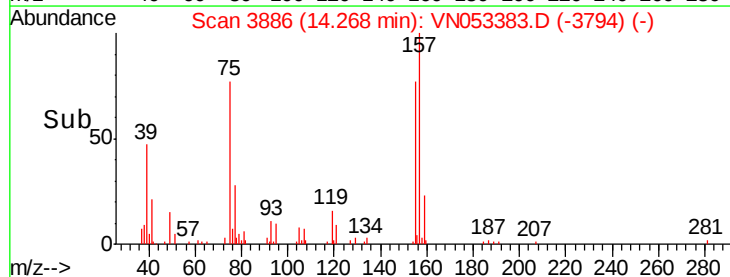
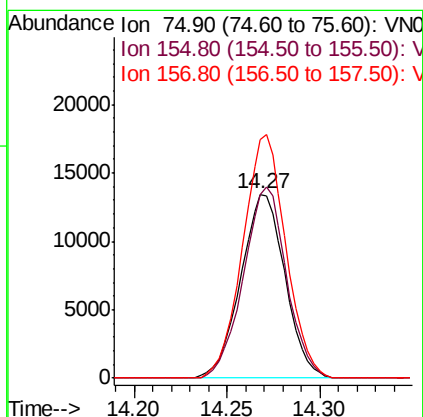
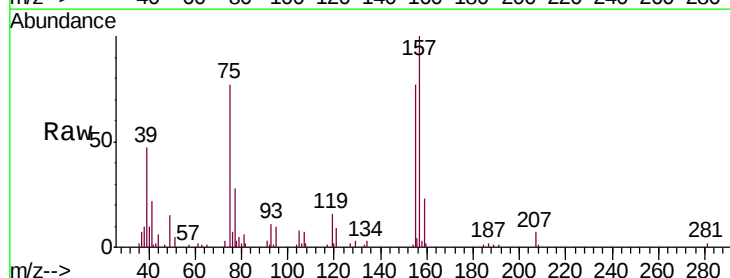
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

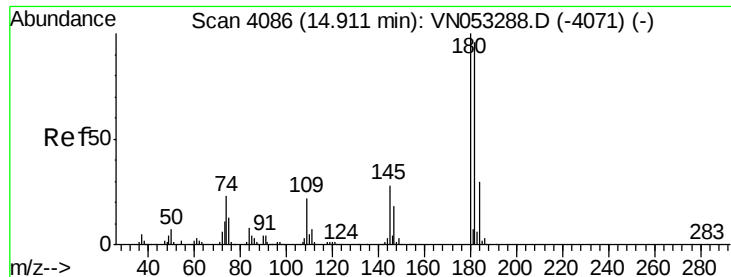
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 19.4  | 58.2  |
| 148     | 64.3  | 32.2  | 96.6  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.441 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 101.4 | 48.1  | 144.3 |
| 157     | 128.9 | 61.5  | 184.4 |

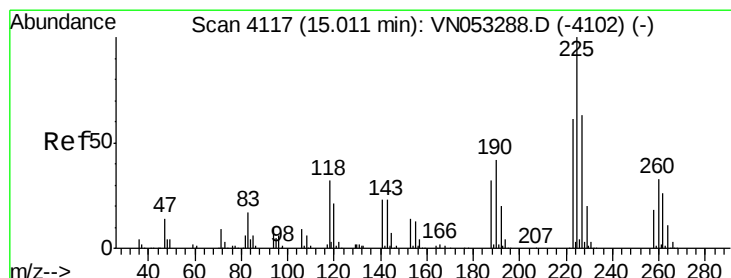
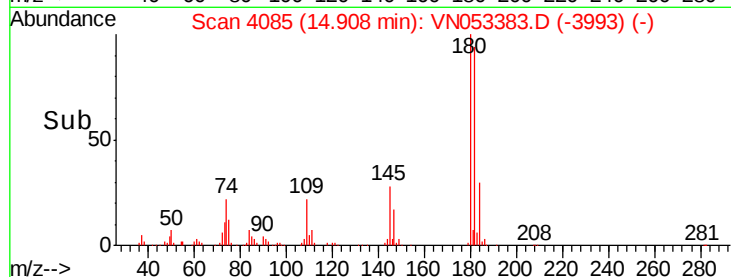
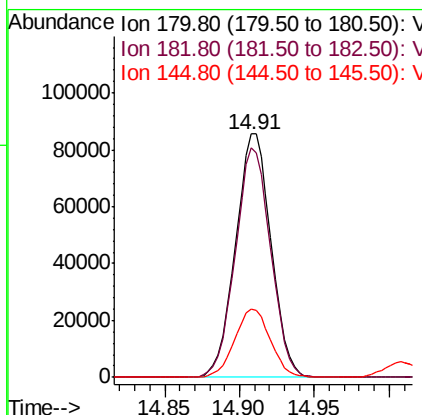
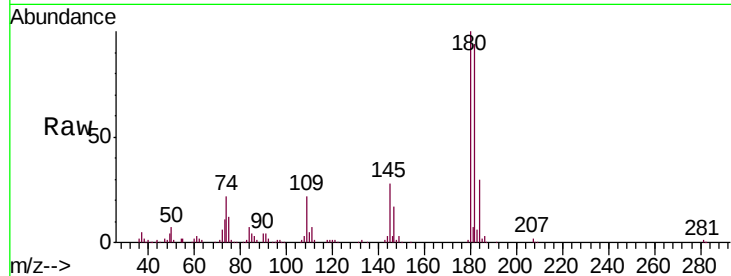




#93  
 1,2,4-Trichlorobenzene  
 Concen: 24.790 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

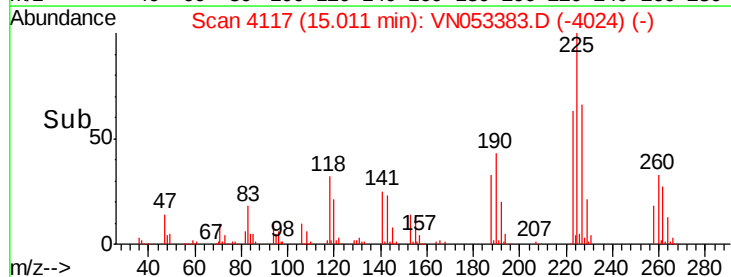
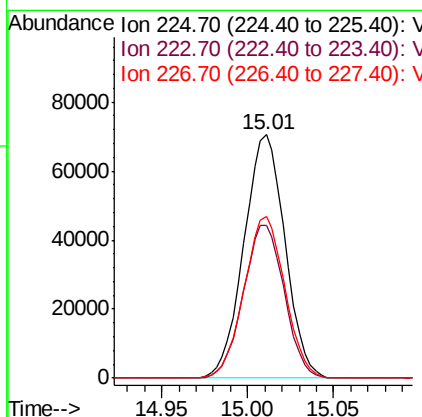
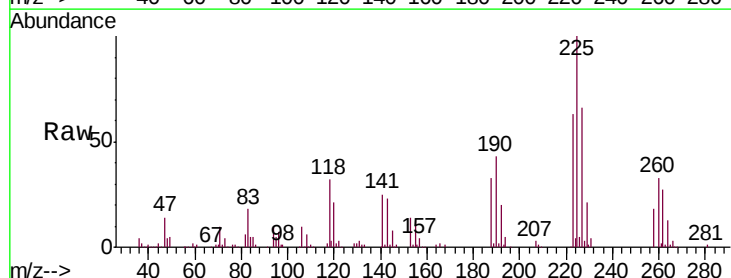
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0114MBS01

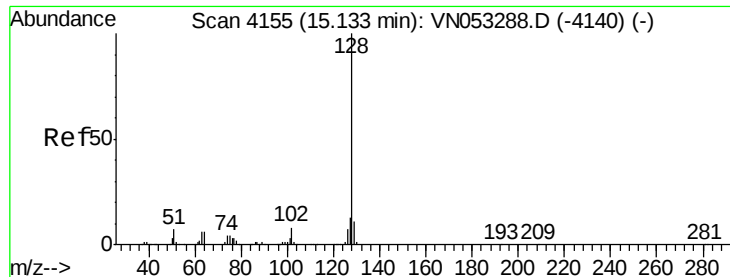
Tgt Ion:180 Resp: 141216  
 Ion Ratio Lower Upper  
 180 100  
 182 93.8 47.8 143.4  
 145 28.4 14.4 43.0



#94  
 Hexachlorobutadiene  
 Concen: 25.050 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN053383.D  
 Acq: 14 Jan 2019 11:30

Tgt Ion:225 Resp: 116718  
 Ion Ratio Lower Upper  
 225 100  
 223 62.5 30.9 92.8  
 227 65.8 31.4 94.2





#95

Naphthalene

Concen: 24.149 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0114MBS01

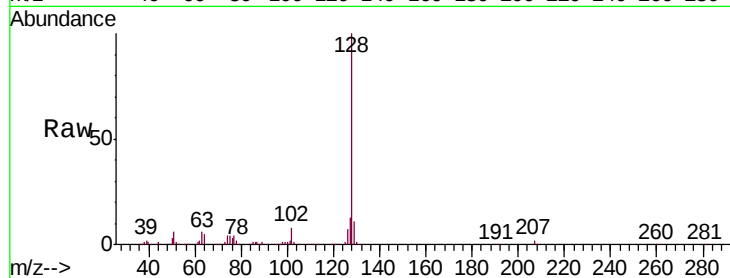
Tgt Ion:128 Resp: 234676

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

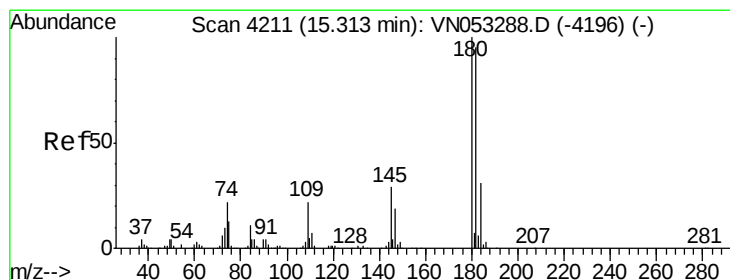
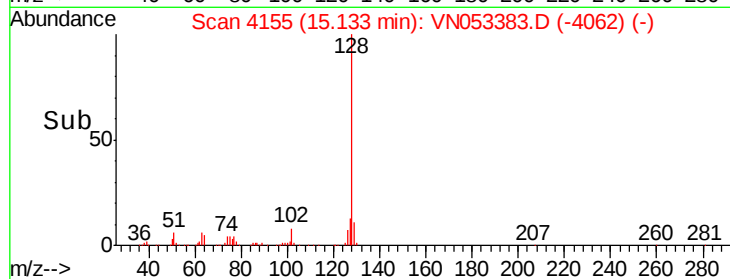
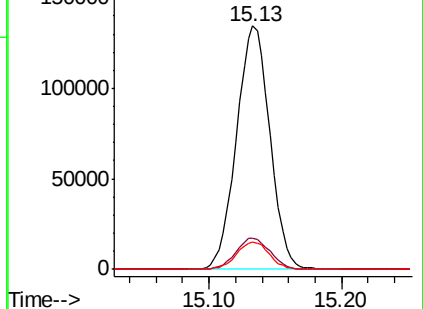
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 26.018 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053383.D

Acq: 14 Jan 2019 11:30

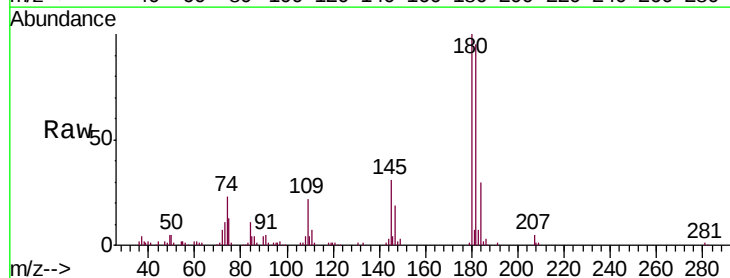
Tgt Ion:180 Resp: 97037

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

145 30.9 14.9 44.5



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

