

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN083119\  
 Data File : VN057592.D  
 Acq On : 30 Aug 2019 17:05  
 Operator : JC/SP  
 Sample : VN0831WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0831WBS01

Quant Time: Aug 31 00:47:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N082919W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 30 11:59:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 406601   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 640311   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 577659   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 263376   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.01   | 65  | 350905   | 52.73 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.46% |      |
| 35) Dibromofluoromethane    | 7.58   | 113 | 276926   | 48.39 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.78%  |      |
| 50) Toluene-d8              | 10.09  | 98  | 1059864  | 52.36 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.72% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 335277   | 49.34 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.68%  |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 93739   | 20.517  | ug/l   | 97     |
| 3) Chloromethane              | 2.06 | 50  | 87965   | 19.284  | ug/l   | 90     |
| 4) Vinyl Chloride             | 2.18 | 62  | 140454  | 20.871  | ug/l   | 99     |
| 5) Bromomethane               | 2.55 | 94  | 132794  | 22.915  | ug/l   | 96     |
| 6) Chloroethane               | 2.70 | 64  | 94081   | 20.851  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.01 | 101 | 306656  | 21.938  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.40 | 74  | 96045   | 20.680  | ug/l   | 66     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 180968  | 22.106  | ug/l # | 84     |
| 10) Methyl Iodide             | 3.93 | 142 | 278439  | 20.778  | ug/l   | 94     |
| 11) Tert butyl alcohol        | 4.80 | 59  | 60217   | 91.753  | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 170263  | 22.101  | ug/l # | 70     |
| 13) Acrolein                  | 3.59 | 56  | 52227   | 92.938  | ug/l   | 94     |
| 14) Allyl chloride            | 4.30 | 41  | 107976  | 19.148  | ug/l # | 83     |
| 15) Acrylonitrile             | 4.97 | 53  | 160623  | 98.847  | ug/l   | 99     |
| 16) Acetone                   | 3.81 | 43  | 283827  | 105.508 | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.03 | 76  | 172468  | 16.376  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.31 | 43  | 85923   | 21.779  | ug/l # | 88     |
| 19) Methyl tert-butyl Ether   | 5.03 | 73  | 278005  | 18.944  | ug/l   | 93     |
| 20) Methylene Chloride        | 4.53 | 84  | 90680   | 18.196  | ug/l   | 85     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 89598   | 18.592  | ug/l   | 81     |
| 22) Diisopropyl ether         | 5.94 | 45  | 260961  | 20.644  | ug/l # | 91     |
| 23) Vinyl Acetate             | 5.88 | 43  | 1033565 | 104.632 | ug/l # | 92     |
| 24) 1,1-Dichloroethane        | 5.83 | 63  | 165970  | 19.939  | ug/l   | 99     |
| 25) 2-Butanone                | 6.83 | 43  | 221590  | 104.357 | ug/l # | 85     |
| 26) 2,2-Dichloropropane       | 6.81 | 77  | 151805  | 17.862  | ug/l   | 79     |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96  | 111580  | 19.118  | ug/l   | 83     |
| 28) Bromochloromethane        | 7.18 | 49  | 80952   | 23.136  | ug/l # | 58     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 136795  | 103.016 | ug/l # | 78     |
| 30) Chloroform                | 7.36 | 83  | 194540  | 18.833  | ug/l   | 99     |
| 31) Cyclohexane               | 7.64 | 56  | 150917  | 19.523  | ug/l # | 82     |
| 32) 1,1,1-Trichloroethane     | 7.56 | 97  | 175647  | 19.129  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.78 | 75  | 132617  | 19.146  | ug/l   | 95     |
| 37) Ethyl Acetate             | 6.92 | 43  | 95257   | 20.756  | ug/l # | 95     |
| 38) Carbon Tetrachloride      | 7.76 | 117 | 144679  | 17.862  | ug/l   | 99     |

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 Operator : JC/SP  
 Sample : VN0831WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0831WBS01

Quant Time: Aug 31 00:47:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N082919W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 30 11:59:03 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 167937   | 19.056  | ug/l   | 89       |
| 40) Benzene                    | 8.03  | 78   | 406380   | 19.158  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.17  | 41   | 46803    | 22.992  | ug/l   | 90       |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 153000   | 20.265  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 169328   | 19.767  | ug/l # | 93       |
| 44) Trichloroethene            | 8.83  | 130  | 114065   | 19.473  | ug/l   | 85       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 98142    | 19.799  | ug/l   | 98       |
| 46) Dibromomethane             | 9.20  | 93   | 76118    | 19.583  | ug/l # | 86       |
| 47) Bromodichloromethane       | 9.40  | 83   | 148665   | 18.552  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.19  | 41   | 80072    | 19.792  | ug/l # | 81       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 29539    | 400.091 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 480527   | 104.960 | ug/l   | 93       |
| 52) Toluene                    | 10.15 | 92   | 265963   | 19.353  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 139285   | 17.986  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 156150   | 18.616  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 102268   | 19.349  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 134393   | 19.103  | ug/l # | 86       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 168432   | 19.948  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 172674   | 104.615 | ug/l # | 86       |
| 59) 2-Hexanone                 | 10.75 | 43   | 333619   | 105.547 | ug/l   | 93       |
| 60) Dibromochloromethane       | 10.90 | 129  | 104781   | 17.380  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 105994   | 19.164  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.63 | 164  | 111640   | 18.817  | ug/l   | 91       |
| 65) Chlorobenzene              | 11.43 | 112  | 282655   | 19.494  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 104035   | 18.193  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 509783   | 20.021  | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.62 | 106  | 383446   | 39.540  | ug/l   | 93       |
| 69) o-Xylene                   | 11.95 | 106  | 188878   | 19.395  | ug/l   | 93       |
| 70) Styrene                    | 11.96 | 104  | 291617   | 19.838  | ug/l   | 96       |
| 71) Bromoform                  | 12.13 | 173  | 61539    | 16.122  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 506795   | 18.032  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 139348   | 22.821  | ug/l # | 91       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 124568   | 20.673  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 151918   | 30.045  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 116651   | 17.954  | ug/l   | 74       |
| 78) n-propylbenzene            | 12.59 | 91   | 523221   | 18.792  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 310328   | 17.894  | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 420765   | 19.078  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 28192    | 16.095  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 297011   | 18.458  | ug/l   | 93       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 366660   | 19.742  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 399171   | 19.789  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 456743   | 18.841  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 409490   | 19.653  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 13.29 | 146  | 178660   | 18.934  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 171278   | 18.928  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.62 | 91   | 304196   | 19.272  | ug/l   | 97       |
| 90) Hexachloroethane           | 13.88 | 117  | 63837    | 14.559  | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 173682   | 19.721  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 17623    | 17.838  | ug/l   | 74       |

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Acq On : 30 Aug 2019 17:05  
Operator : JC/SP  
Sample : VN0831WBS01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

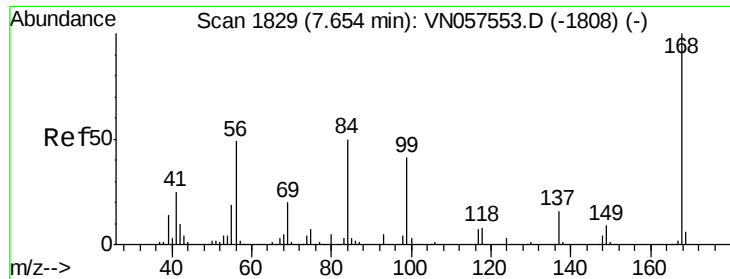
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

Quant Time: Aug 31 00:47:29 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N082919W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 30 11:59:03 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 47989    | 15.928 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 57044    | 19.654 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 144643   | 16.598 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 47556    | 15.978 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

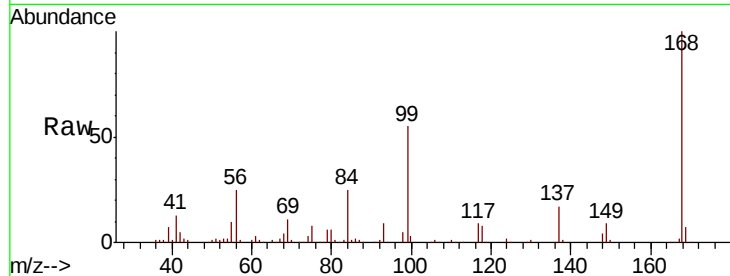
VN0831WBS01

Tgt Ion:168 Resp: 406601

Ion Ratio Lower Upper

168 100

99 55.2 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

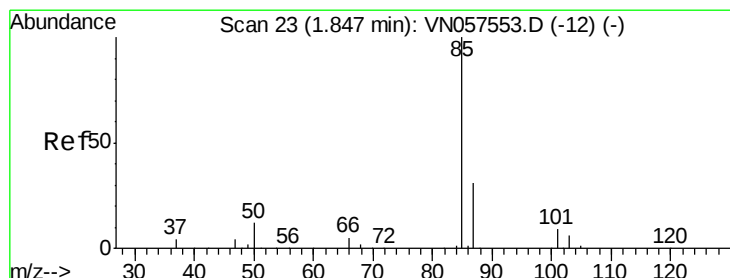
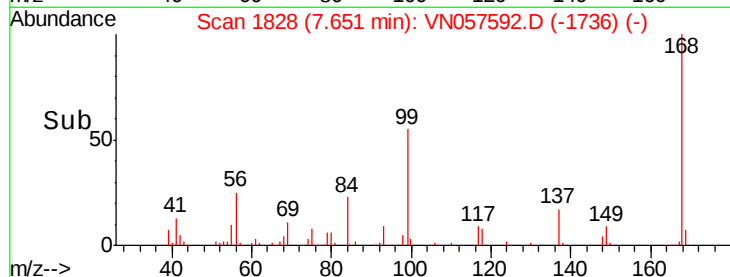
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.517 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057592.D

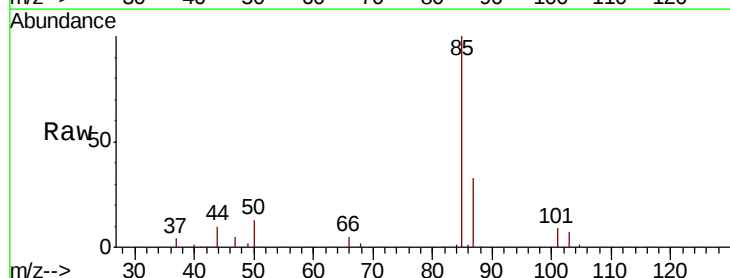
Acq: 30 Aug 2019 17:05

Tgt Ion: 85 Resp: 93739

Ion Ratio Lower Upper

85 100

87 32.5 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

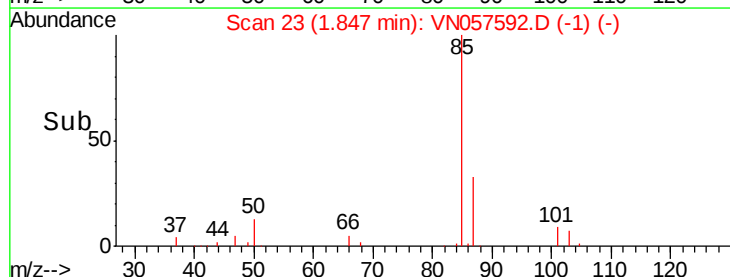
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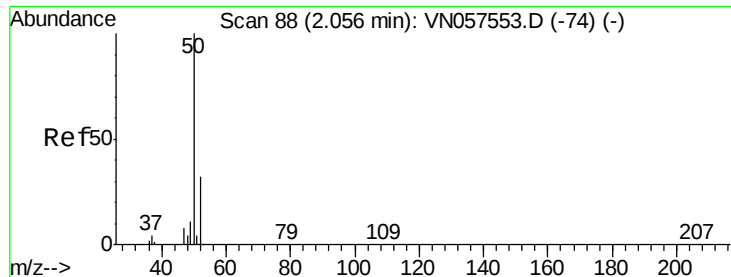
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.284 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampled :

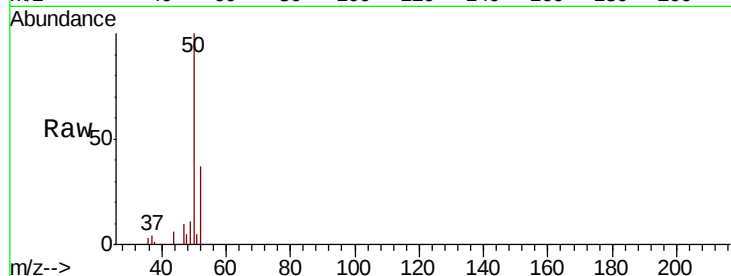
VN0831WBS01

Tgt Ion: 50 Resp: 87965

Ion Ratio Lower Upper

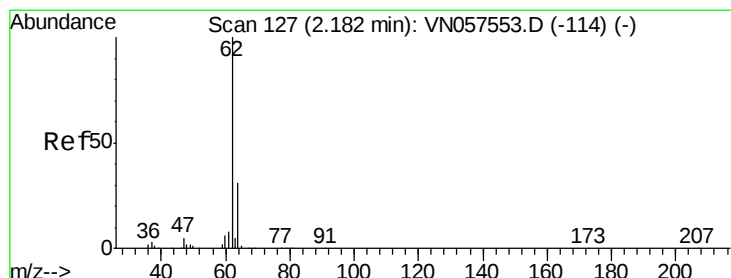
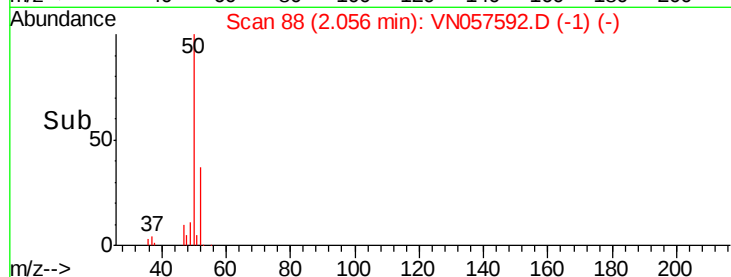
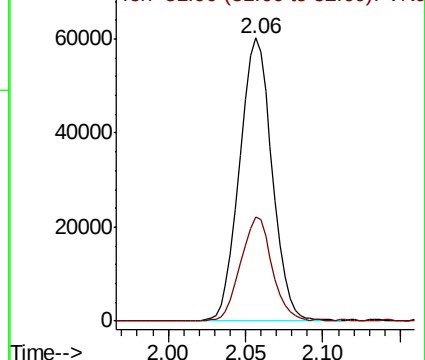
50 100

52 37.0 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.871 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057592.D

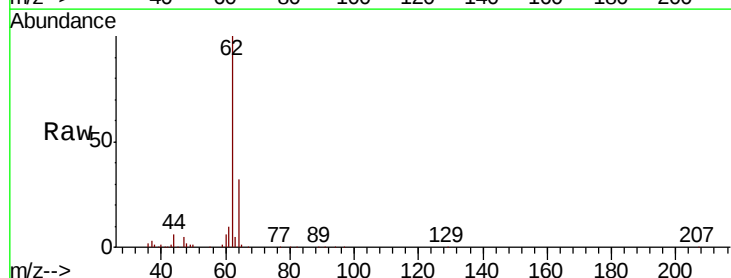
Acq: 30 Aug 2019 17:05

Tgt Ion: 62 Resp: 140454

Ion Ratio Lower Upper

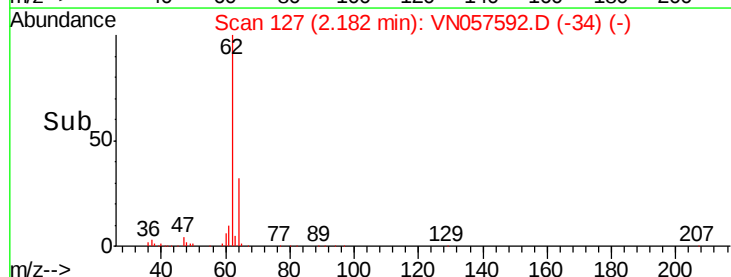
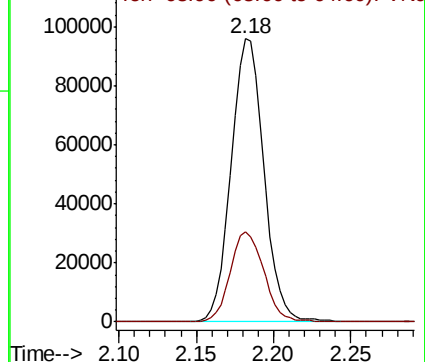
62 100

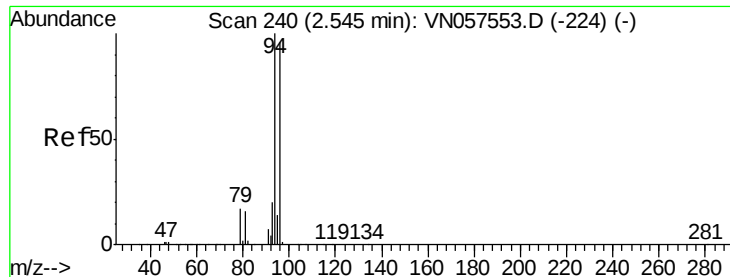
64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 22.915 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

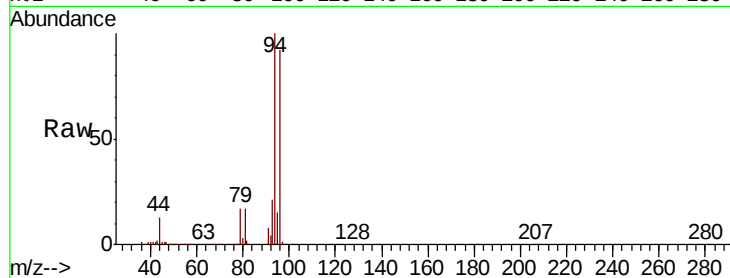
VN0831WBS01

Tgt Ion: 94 Resp: 132794

Ion Ratio Lower Upper

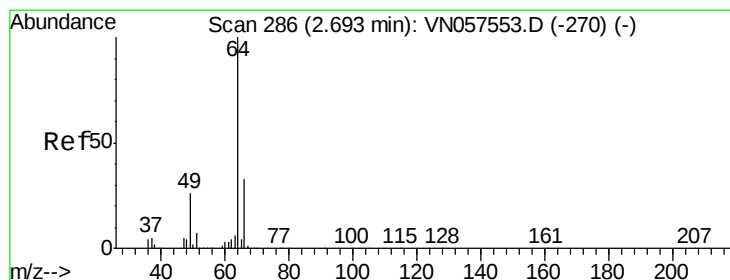
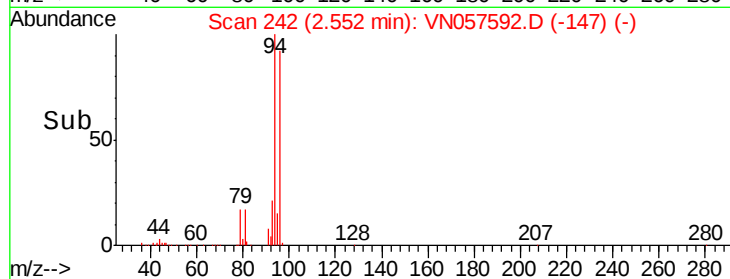
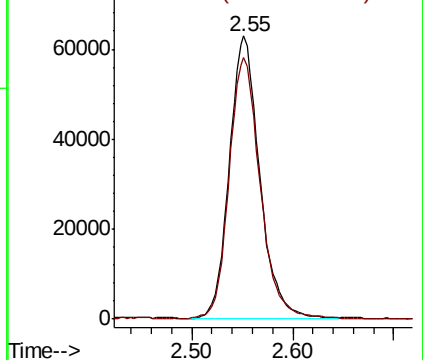
94 100

96 91.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.851 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN057592.D

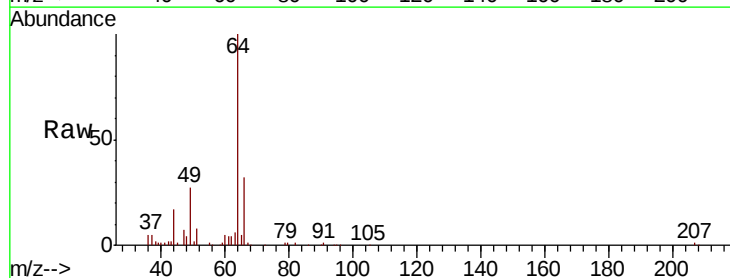
Acq: 30 Aug 2019 17:05

Tgt Ion: 64 Resp: 94081

Ion Ratio Lower Upper

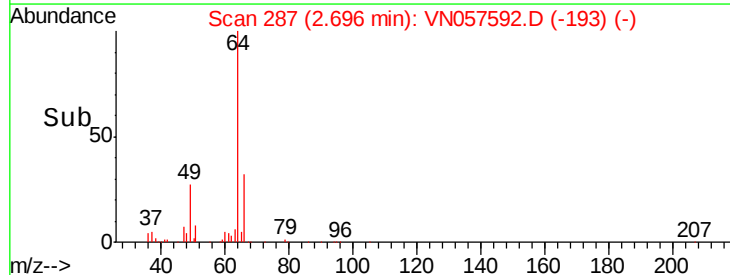
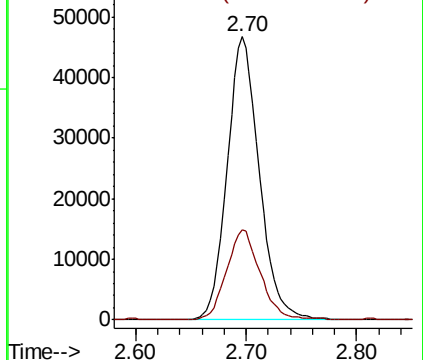
64 100

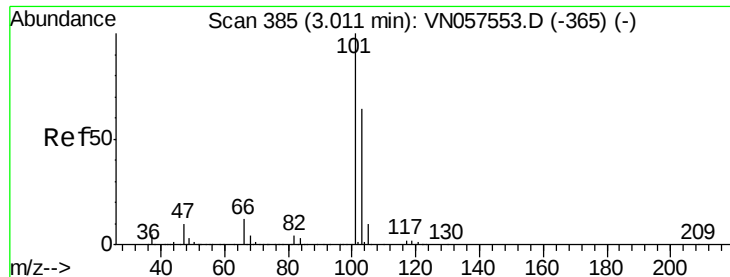
66 31.7 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



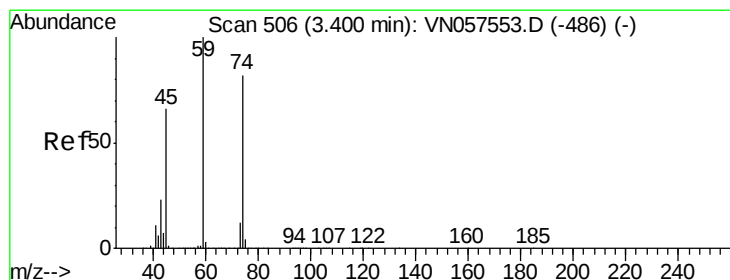
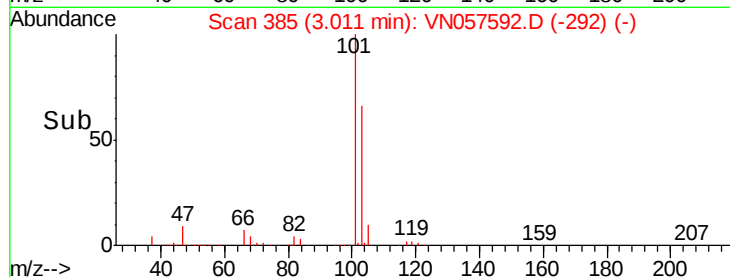
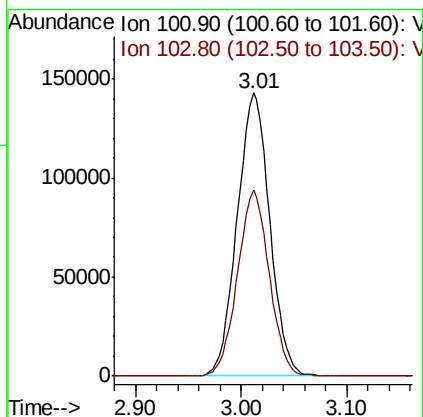
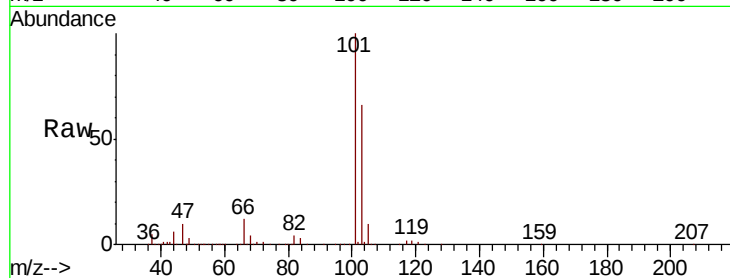


#7

Trichlorofluoromethane  
 Concen: 21.938 ug/l  
 RT: 3.01 min Scan# 385  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0831WBS01

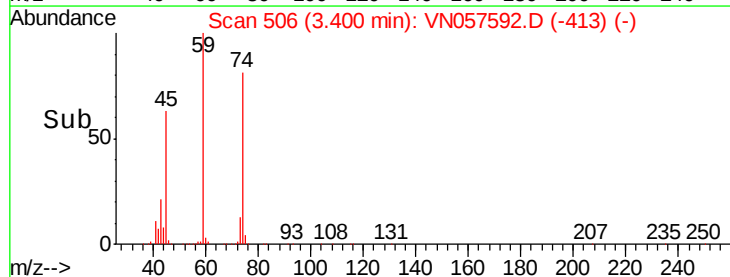
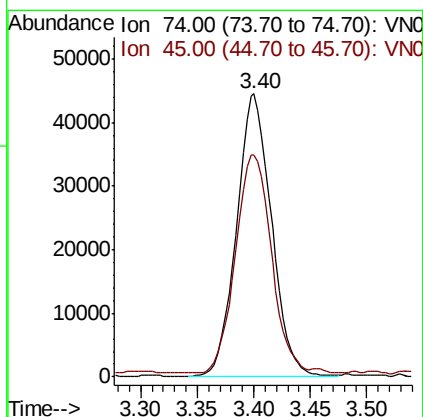
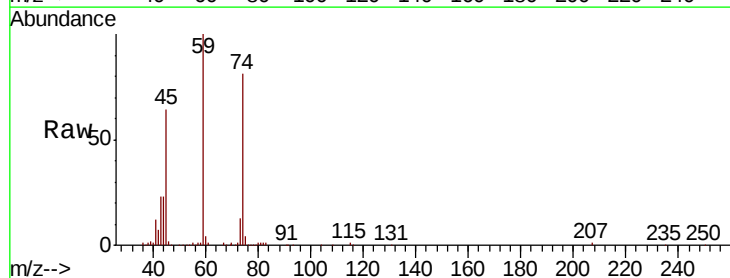
Tgt Ion:101 Resp: 306656  
 Ion Ratio Lower Upper  
 101 100  
 103 65.5 52.6 78.8

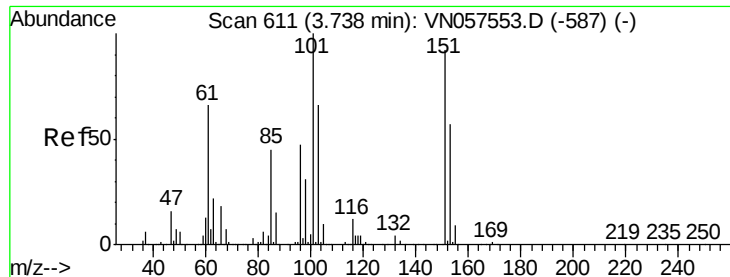


#8

Diethyl Ether  
 Concen: 20.680 ug/l  
 RT: 3.40 min Scan# 506  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Tgt Ion: 74 Resp: 96045  
 Ion Ratio Lower Upper  
 74 100  
 45 78.2 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.106 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0831WBS01

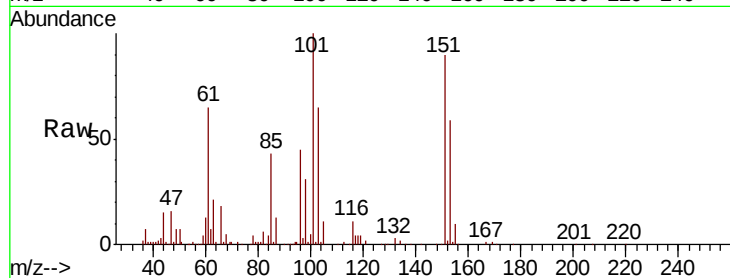
Tgt Ion:101 Resp: 180968

Ion Ratio Lower Upper

101 100

85 42.9 40.0 60.0

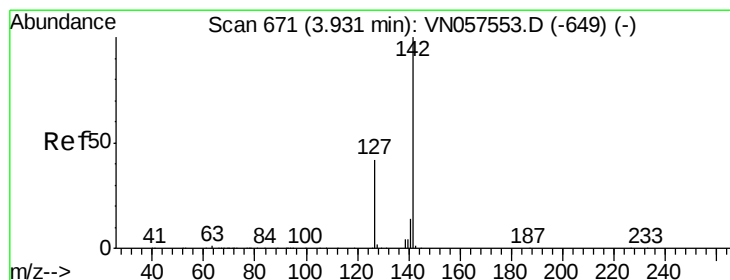
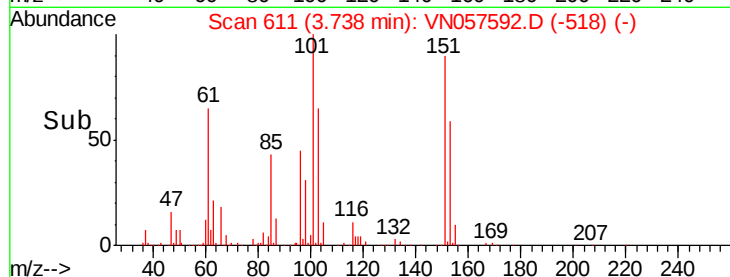
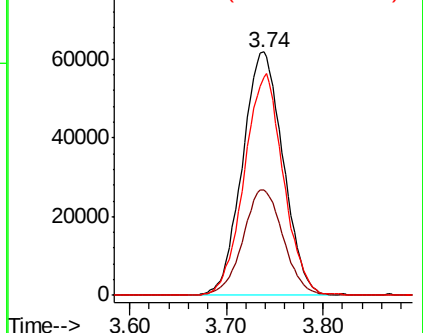
151 87.3 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.778 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

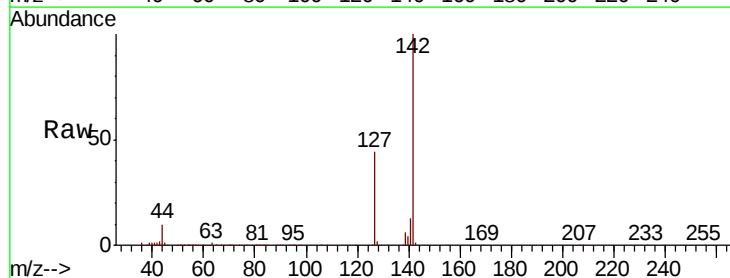
Tgt Ion:142 Resp: 278439

Ion Ratio Lower Upper

142 100

127 42.8 37.8 56.8

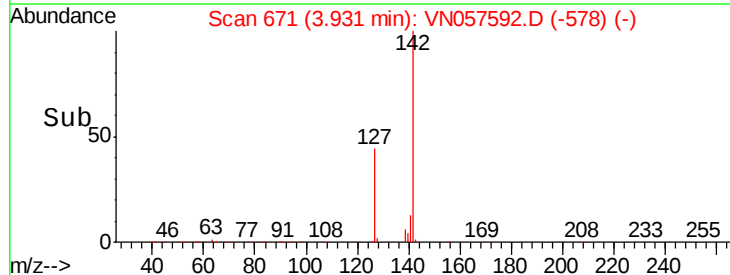
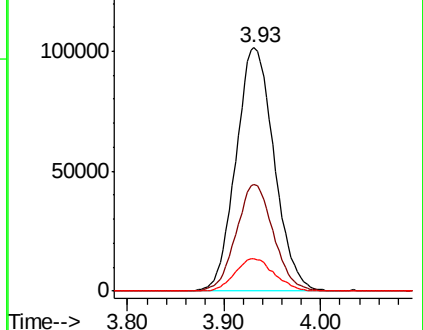
141 13.8 11.9 17.9

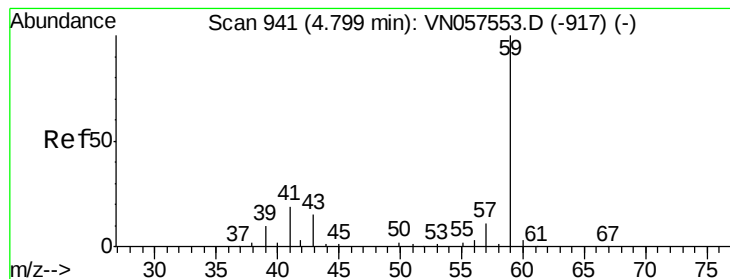


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.753 ug/l

RT: 4.80 min Scan# 941

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

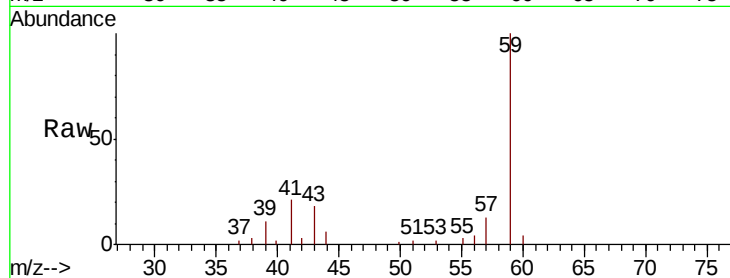
VN0831WBS01

Tgt Ion: 59 Resp: 60217

Ion Ratio Lower Upper

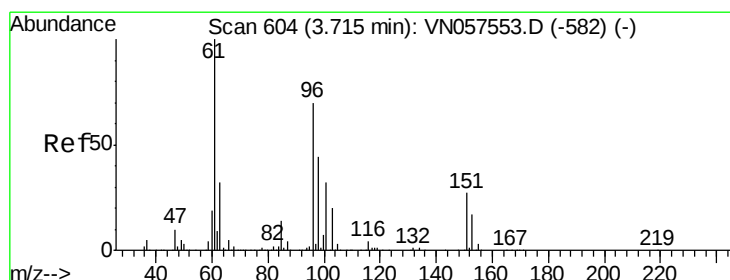
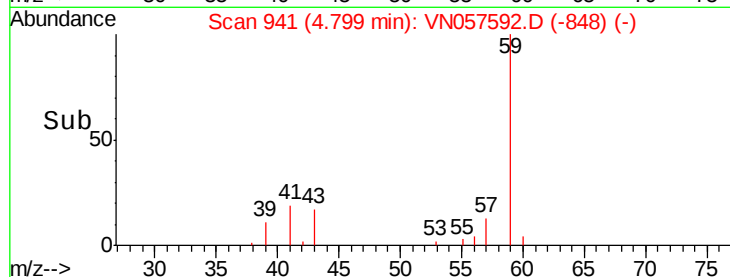
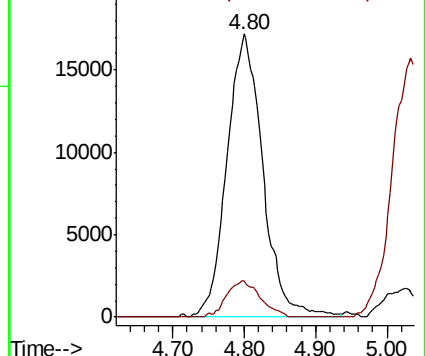
59 100

57 12.1 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 22.101 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

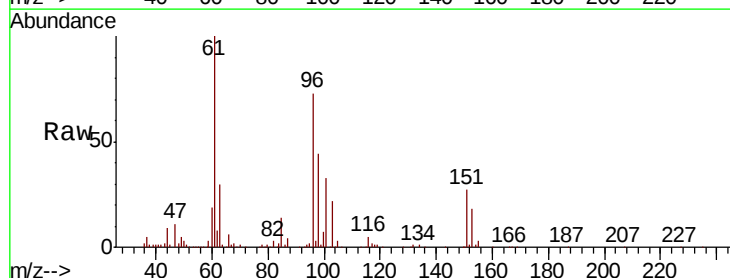
Tgt Ion: 96 Resp: 170263

Ion Ratio Lower Upper

96 100

61 136.9 155.3 232.9#

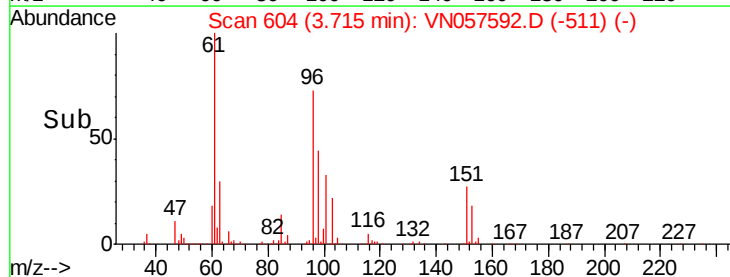
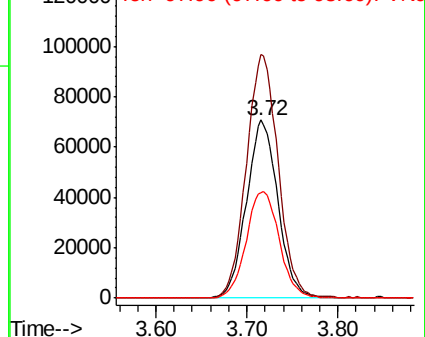
98 59.6 50.2 75.2

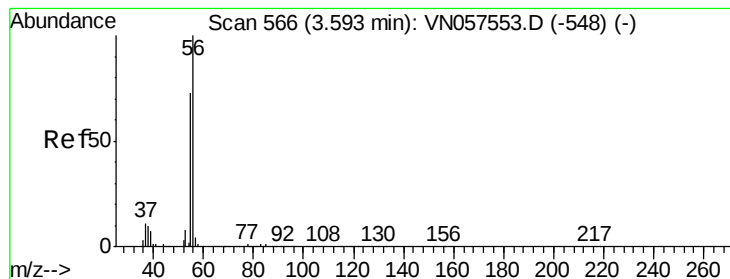


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 92.938 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

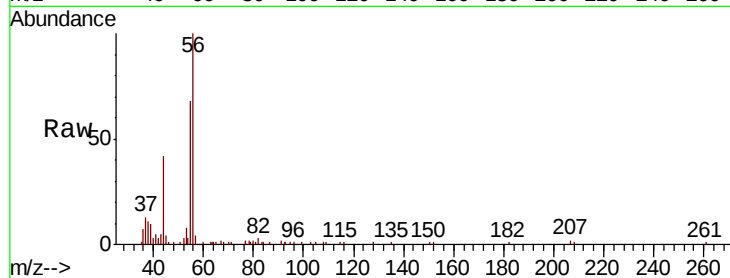
VN0831WBS01

Tgt Ion: 56 Resp: 52227

Ion Ratio Lower Upper

56 100

55 69.0 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

25000

20000

15000

10000

5000

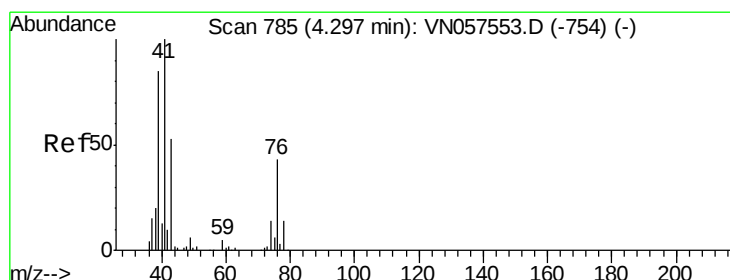
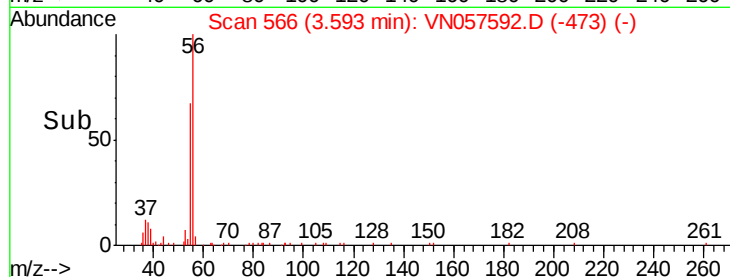
0

3.50

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 19.148 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

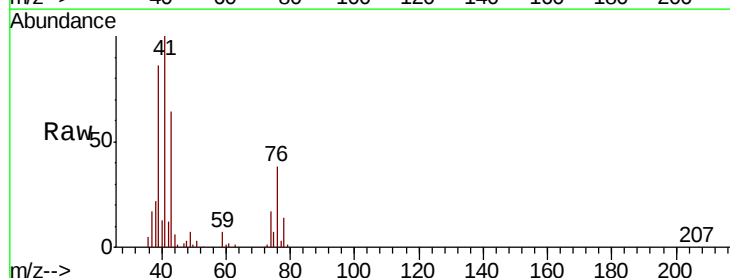
Tgt Ion: 41 Resp: 107976

Ion Ratio Lower Upper

41 100

39 87.0 57.4 86.2#

76 36.8 22.9 34.3#



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

50000

40000

30000

20000

10000

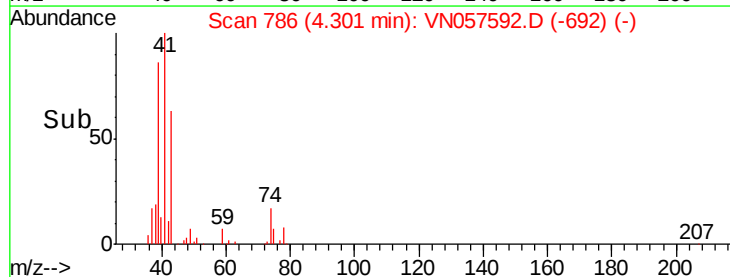
0

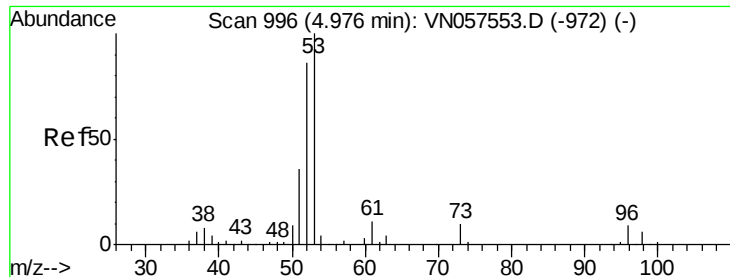
4.20

4.30

4.40

Time-->





#15

Acrylonitrile

Concen: 98.847 ug/l

RT: 4.97 min Scan# 994

Delta R.T. -0.01 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0831WBS01

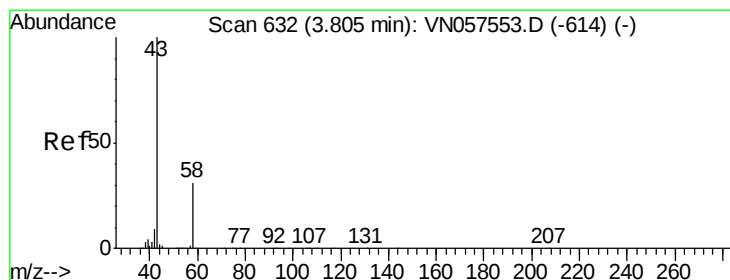
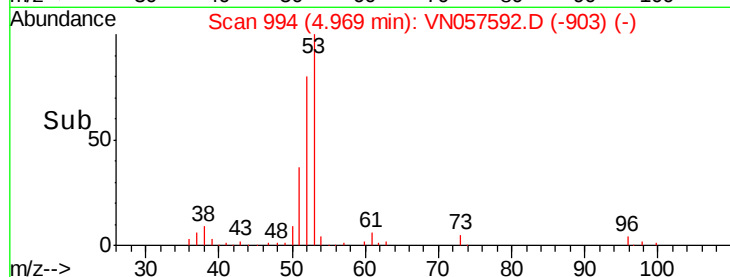
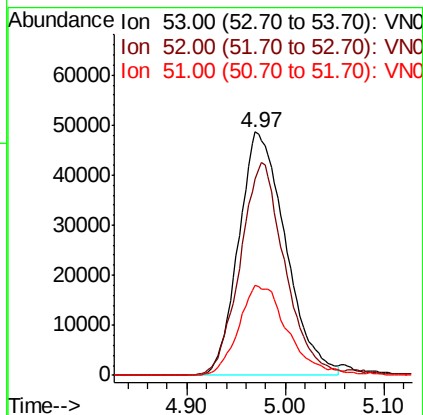
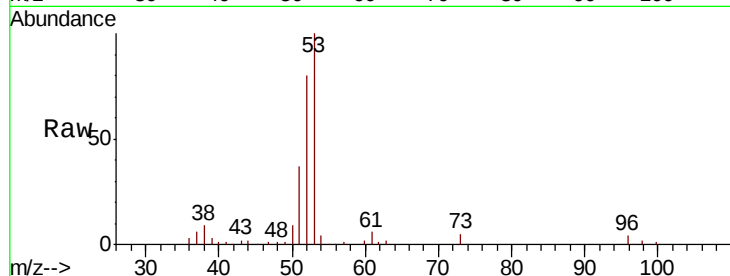
Tgt Ion: 53 Resp: 160623

Ion Ratio Lower Upper

53 100

52 83.0 67.0 100.6

51 38.4 29.9 44.9



#16

Acetone

Concen: 105.508 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057592.D

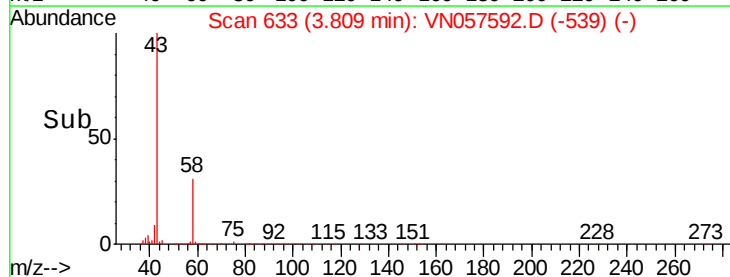
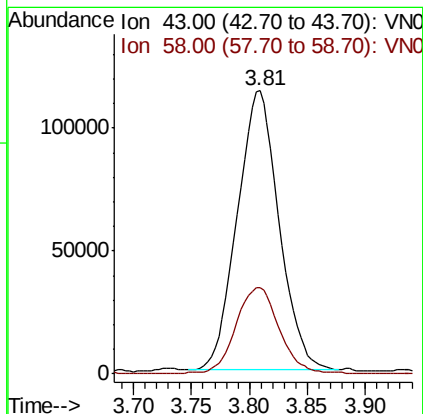
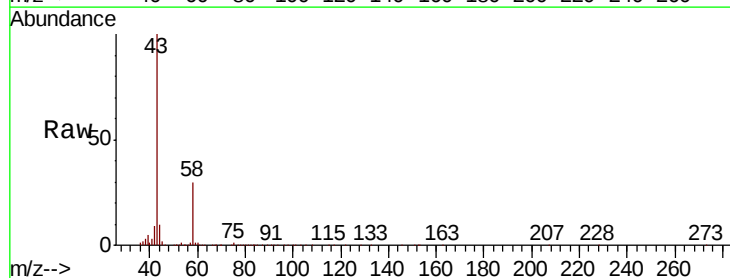
Acq: 30 Aug 2019 17:05

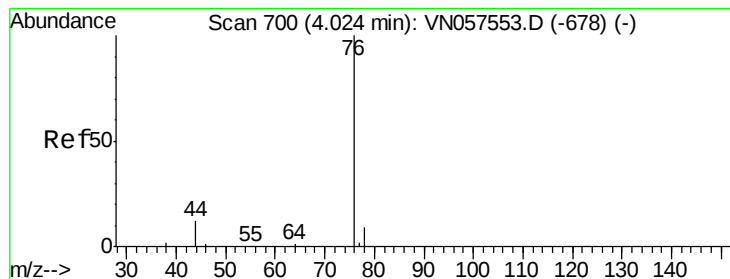
Tgt Ion: 43 Resp: 283827

Ion Ratio Lower Upper

43 100

58 30.4 22.1 33.1





#17

Carbon Disulfide

Concen: 16.376 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

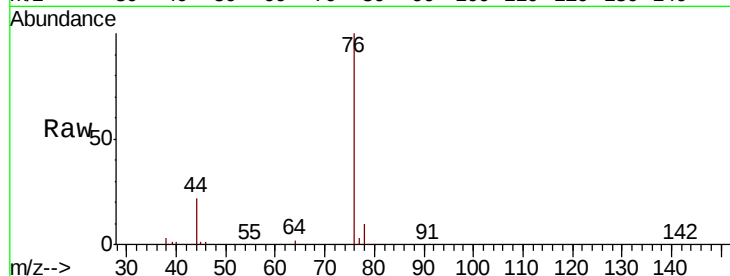
VN0831WBS01

Tgt Ion: 76 Resp: 172468

Ion Ratio Lower Upper

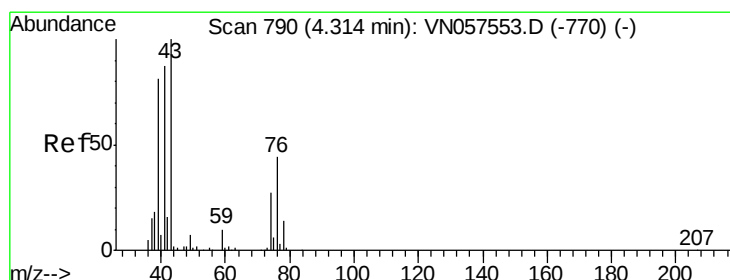
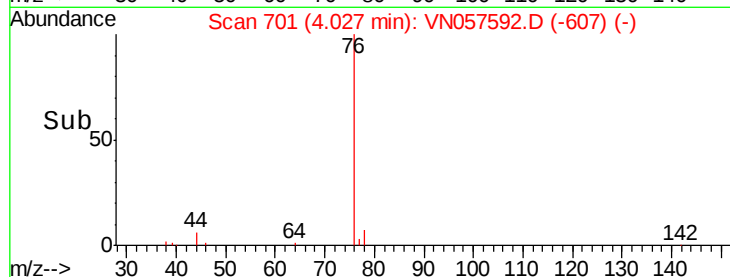
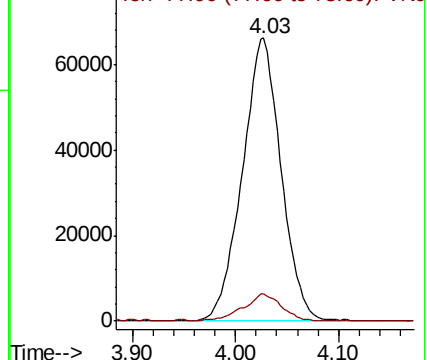
76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.779 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN057592.D

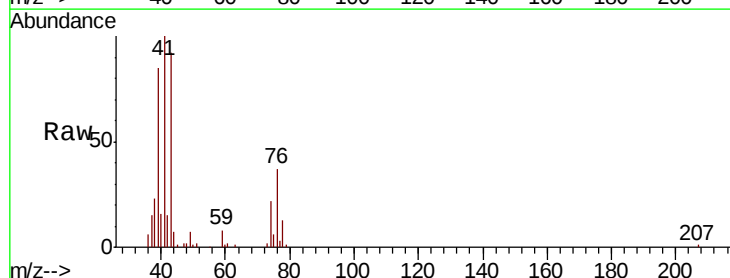
Acq: 30 Aug 2019 17:05

Tgt Ion: 43 Resp: 85923

Ion Ratio Lower Upper

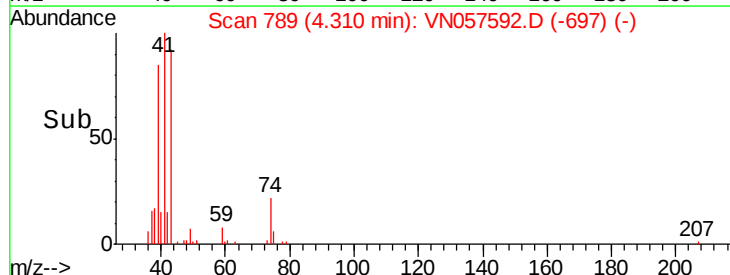
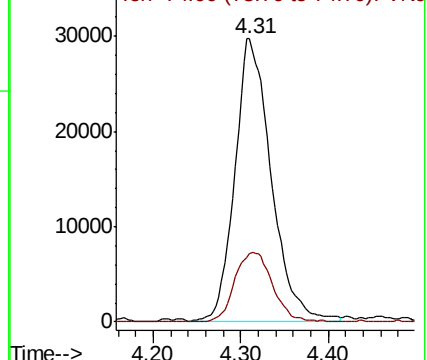
43 100

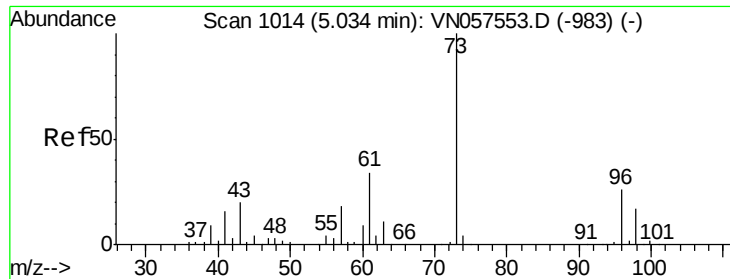
74 25.4 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

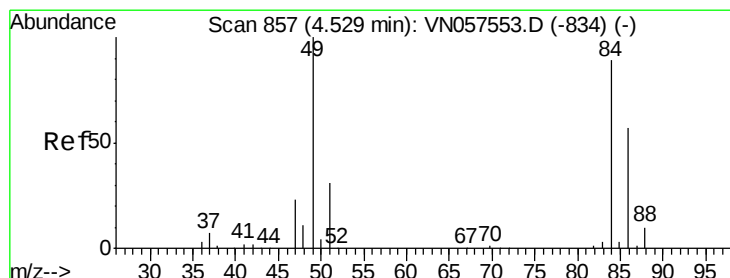
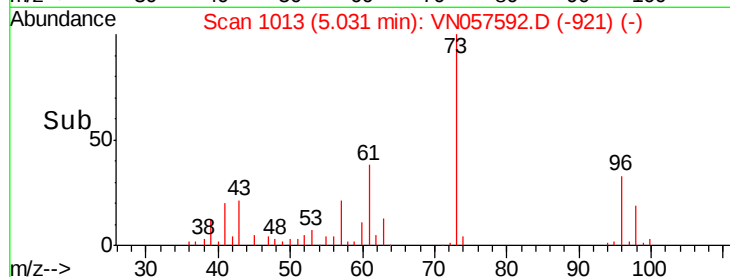
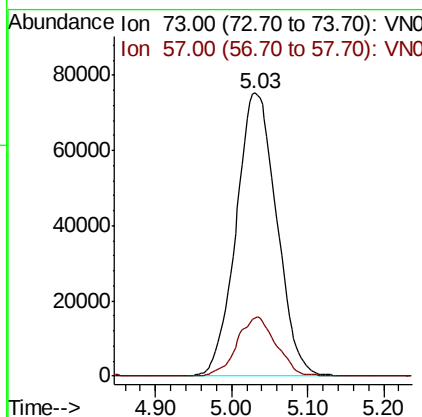
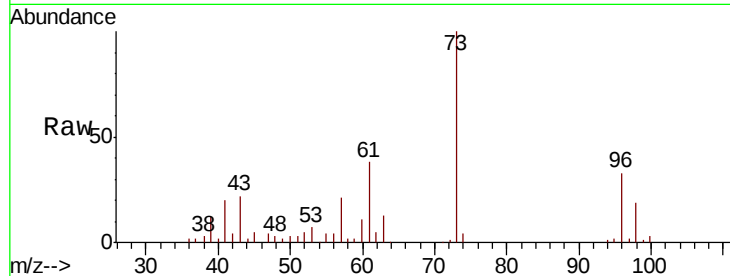




#19  
Methyl tert-butyl Ether  
Concen: 18.944 ug/l  
RT: 5.03 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

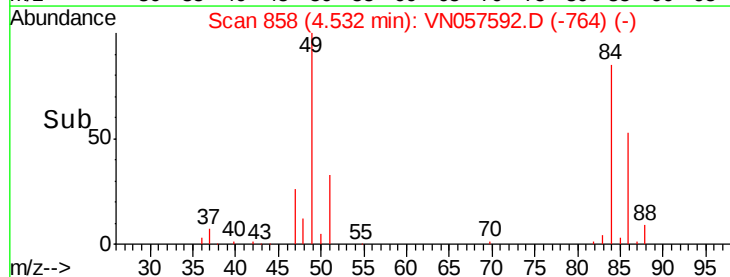
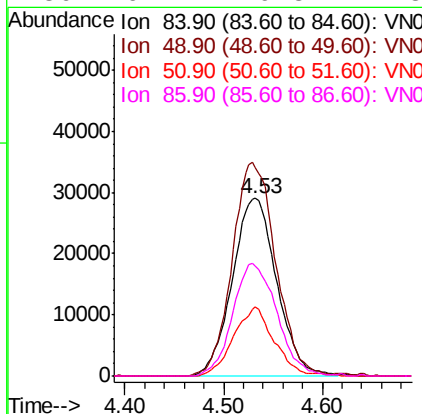
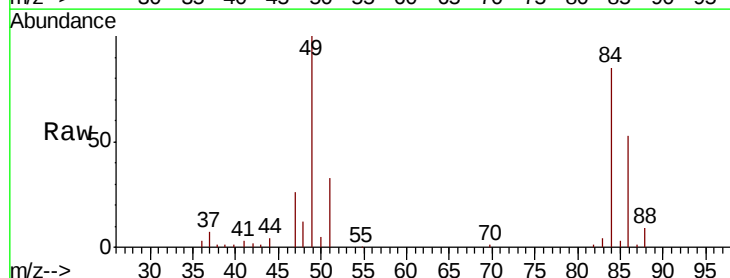
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

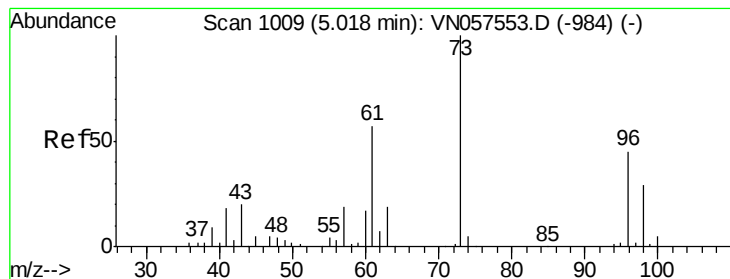
Tgt Ion: 73 Resp: 278005  
Ion Ratio Lower Upper  
73 100  
57 20.6 19.1 28.7



#20  
Methylene Chloride  
Concen: 18.196 ug/l  
RT: 4.53 min Scan# 858  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion: 84 Resp: 90680  
Ion Ratio Lower Upper  
84 100  
49 117.4 117.0 175.4  
51 39.0 35.5 53.3  
86 62.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.592 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0831WBS01

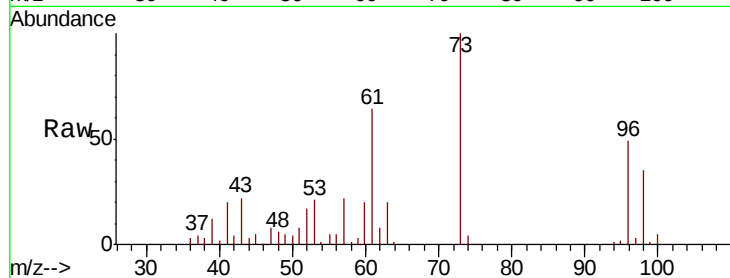
Tgt Ion: 96 Resp: 89598

Ion Ratio Lower Upper

96 100

61 130.9 127.9 191.9

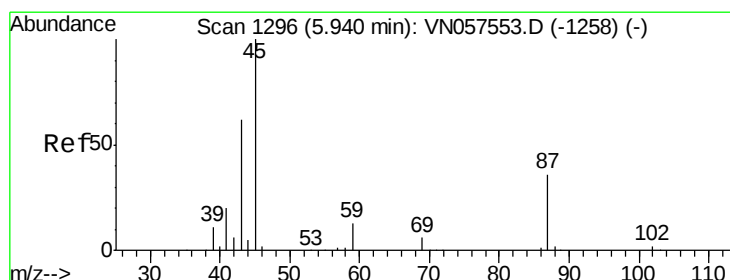
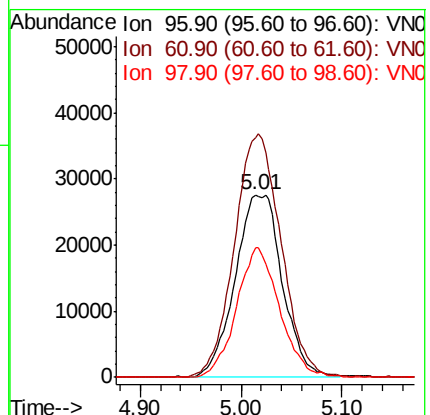
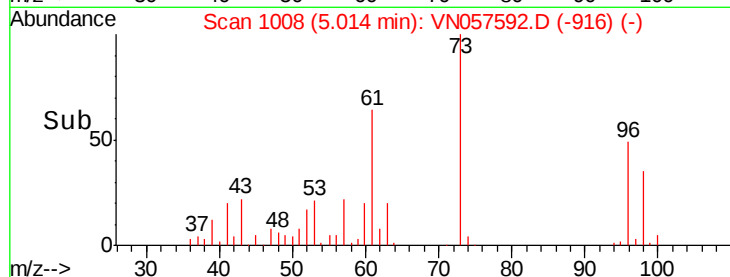
98 71.3 50.6 76.0



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: 20.644 ug/l

RT: 5.94 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Tgt Ion: 45 Resp: 260961

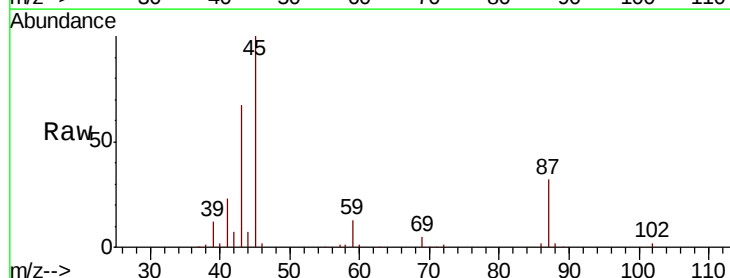
Ion Ratio Lower Upper

45 100

43 64.9 46.9 70.3

87 31.3 19.3 28.9#

59 12.3 8.7 13.1

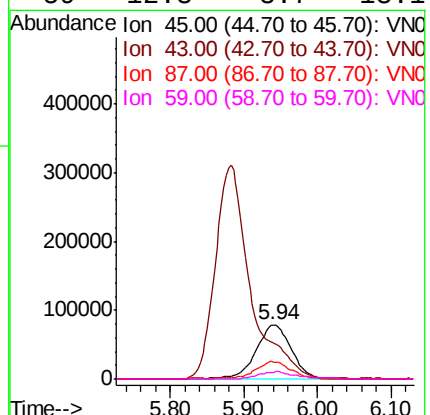
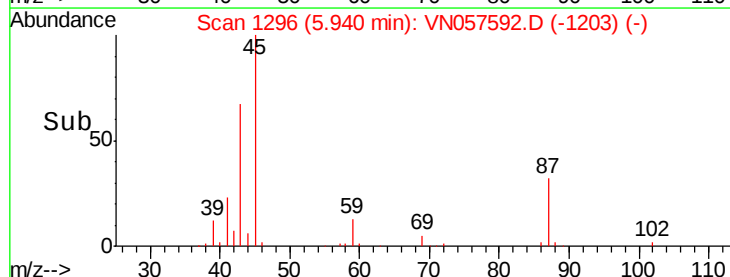


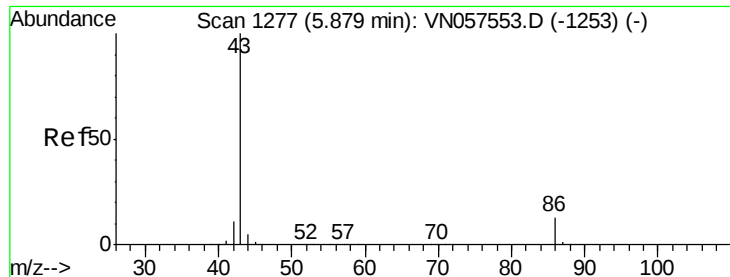
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 104.632 ug/l

RT: 5.88 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

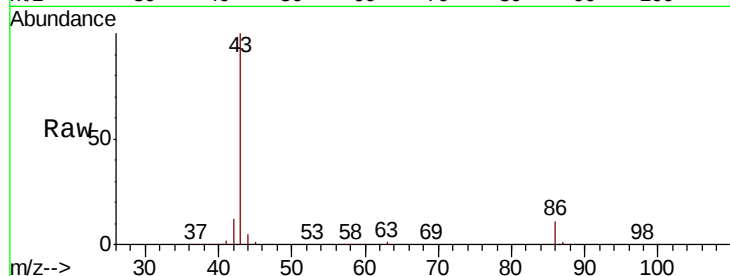
VN0831WBS01

Tgt Ion: 43 Resp: 1033565

Ion Ratio Lower Upper

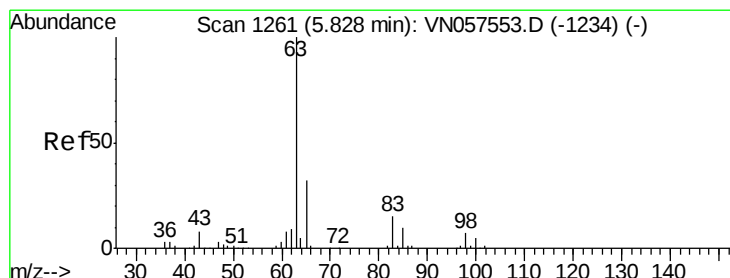
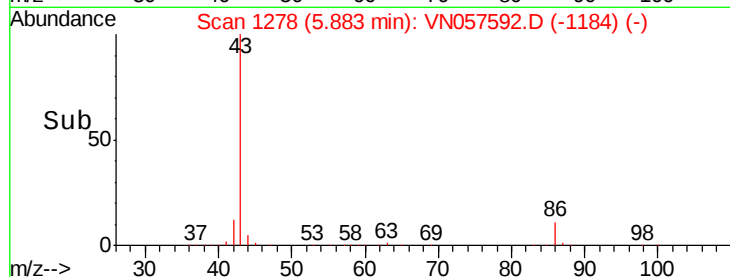
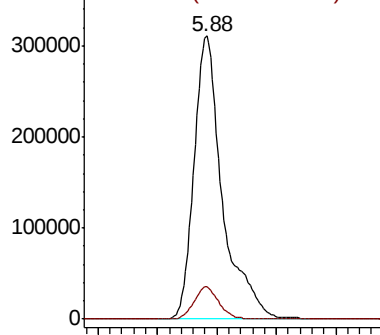
43 100

86 11.4 6.7 10.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.939 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

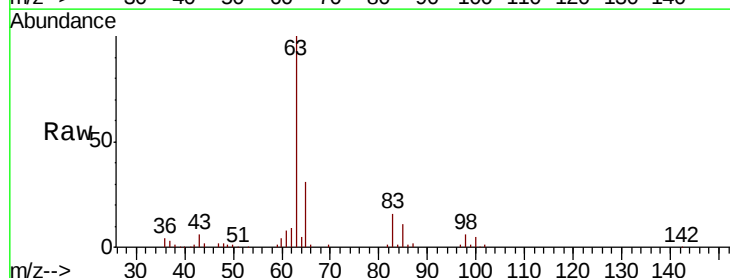
Tgt Ion: 63 Resp: 165970

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.6

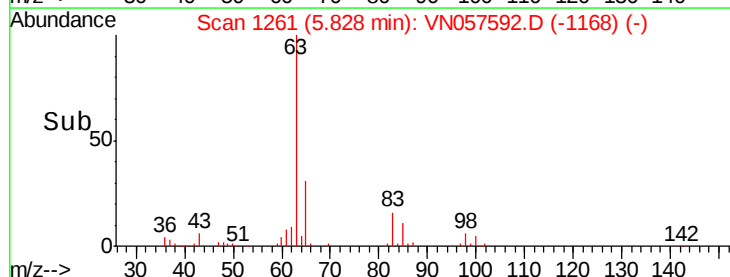
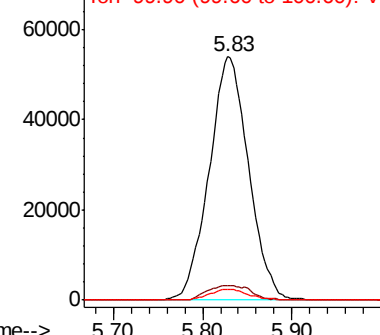
100 4.6 2.1 6.3

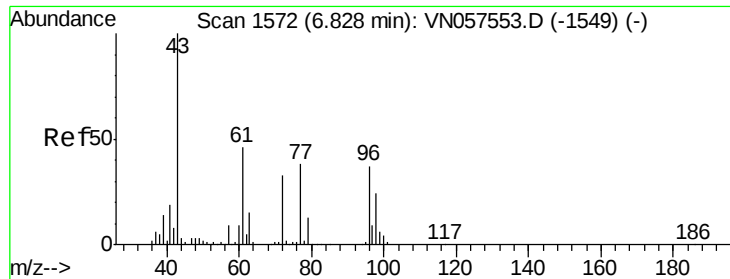


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

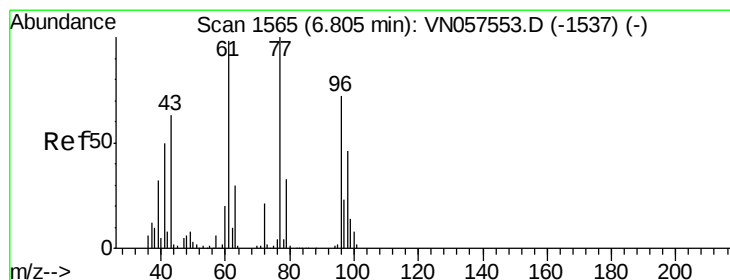
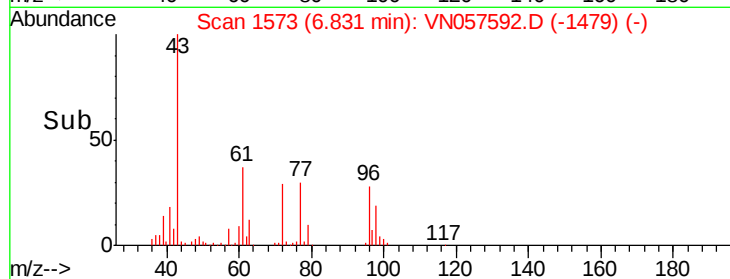
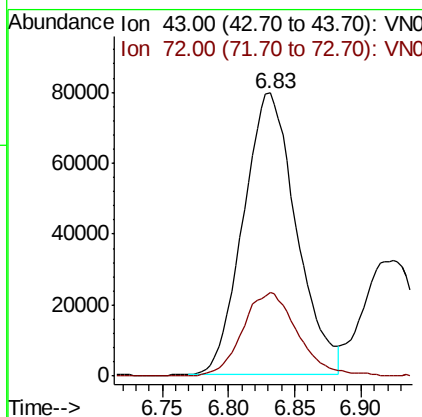
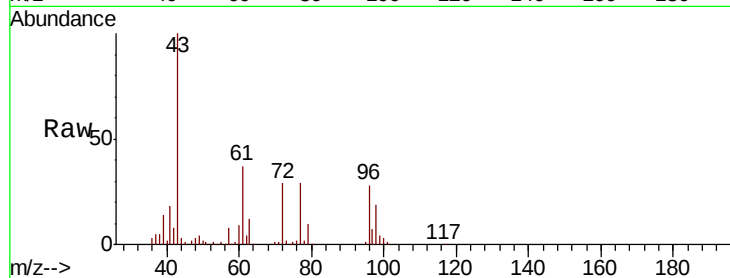




#25  
2-Butanone  
Concen: 104.357 ug/l  
RT: 6.83 min Scan# 1573  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

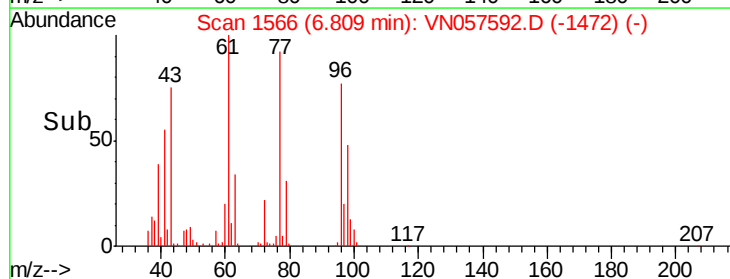
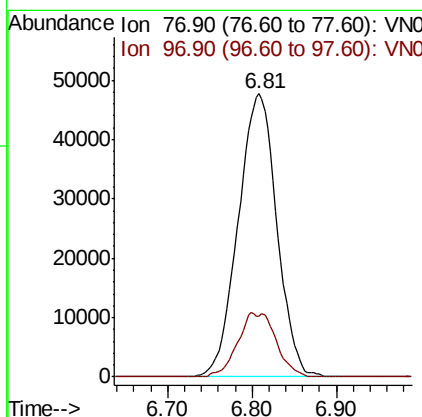
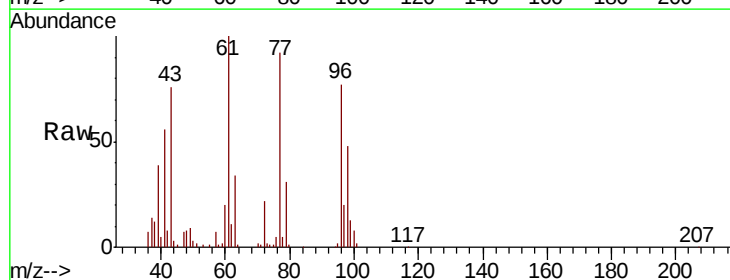
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

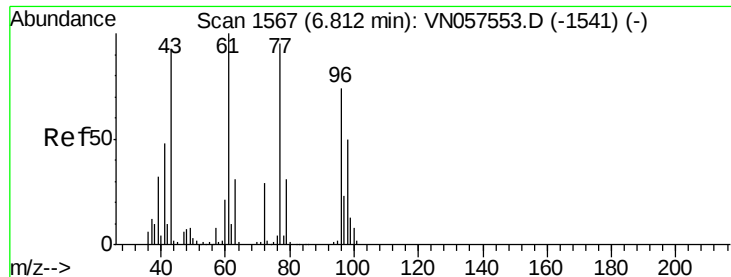
Tgt Ion: 43 Resp: 221590  
Ion Ratio Lower Upper  
43 100  
72 29.6 17.8 26.8#



#26  
2,2-Dichloropropane  
Concen: 17.862 ug/l  
RT: 6.81 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion: 77 Resp: 151805  
Ion Ratio Lower Upper  
77 100  
97 11.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.118 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0831WBS01

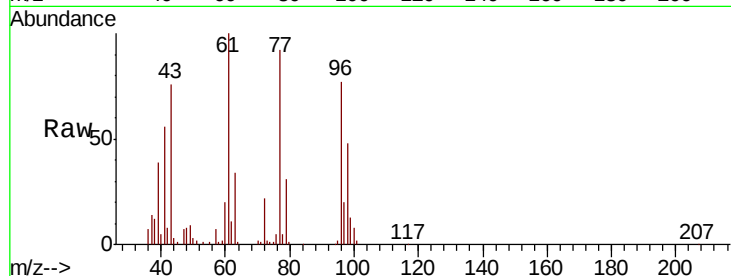
Tgt Ion: 96 Resp: 111580

Ion Ratio Lower Upper

96 100

61 136.7 0.0 334.8

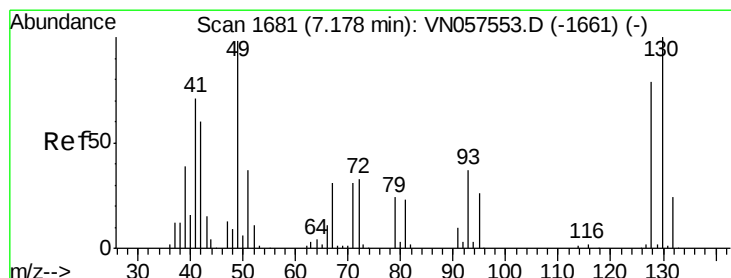
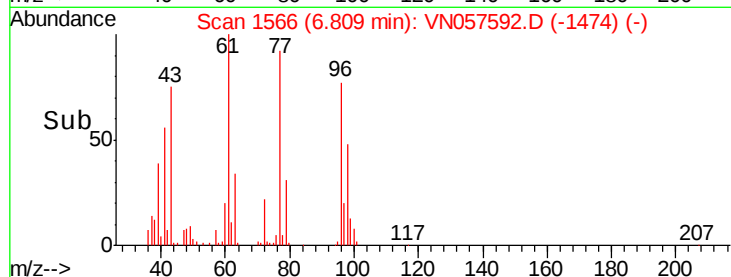
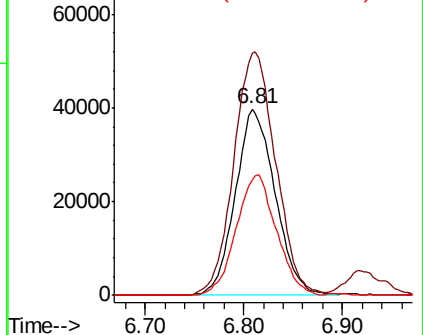
98 65.1 0.0 127.4



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: 23.136 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

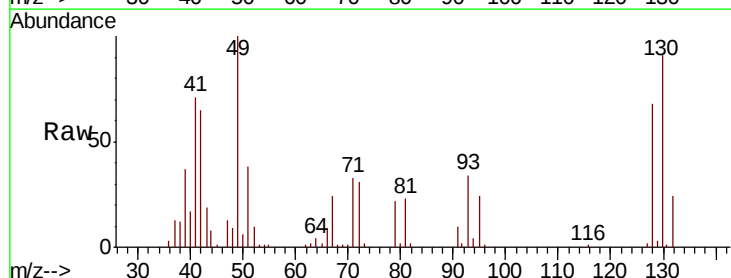
Tgt Ion: 49 Resp: 80952

Ion Ratio Lower Upper

49 100

129 3.0 0.0 3.6

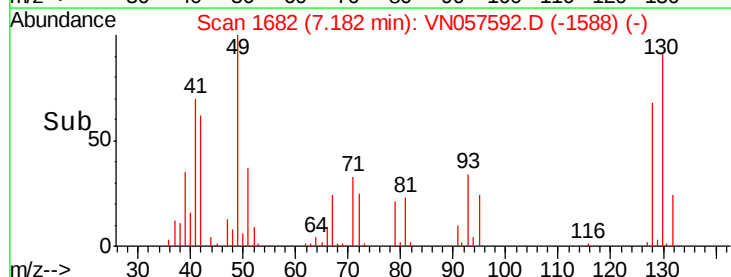
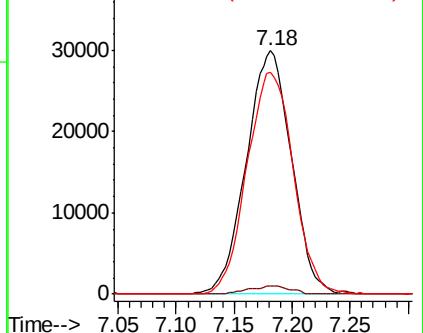
130 93.5 48.6 72.8#

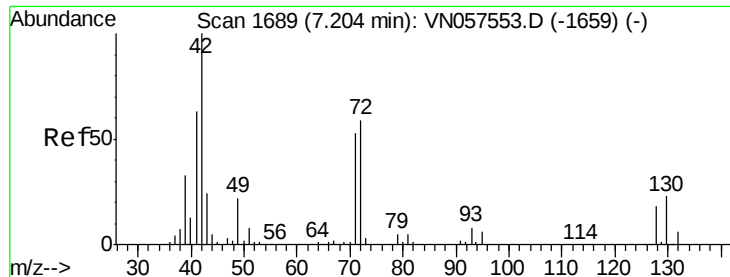


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

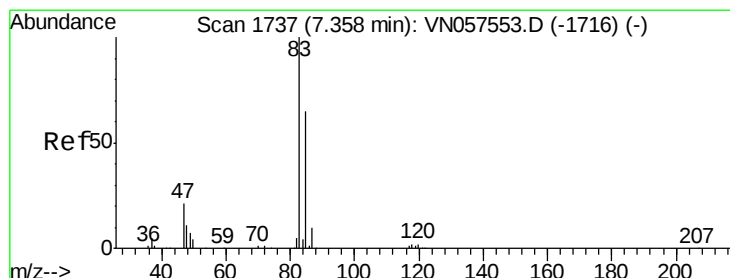
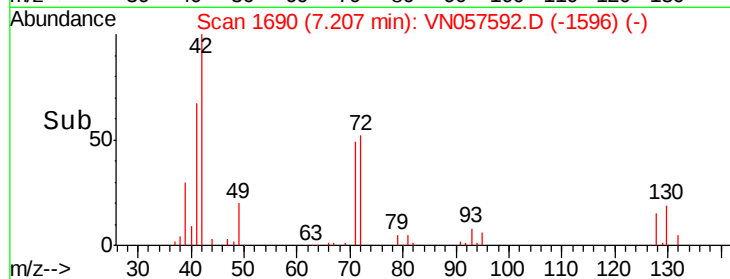
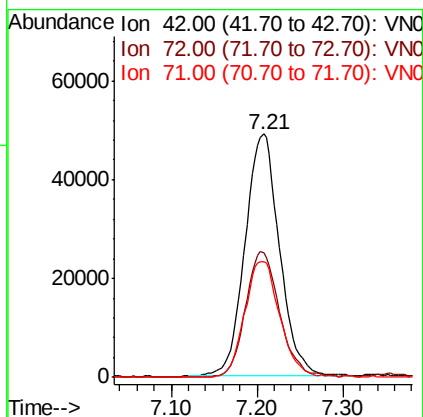
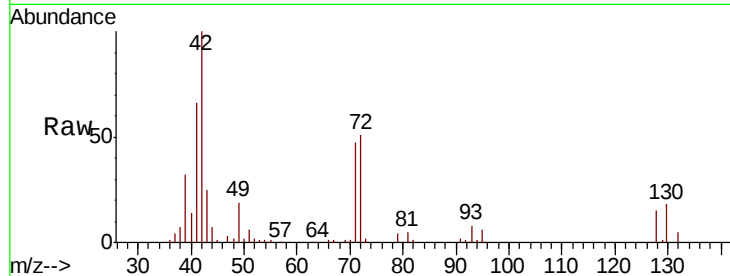




#29  
Tetrahydrofuran  
Concen: 103.016 ug/l  
RT: 7.21 min Scan# 1690  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

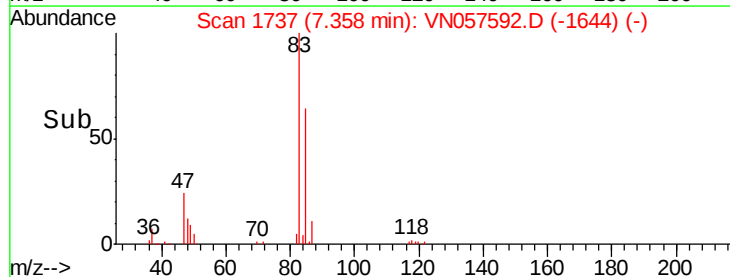
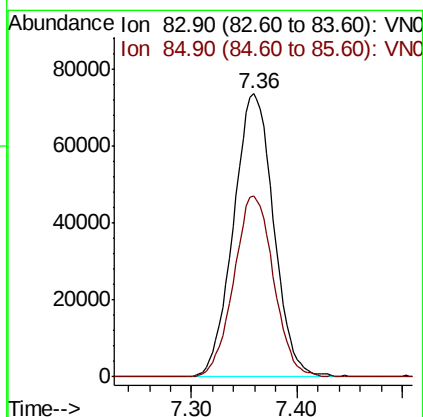
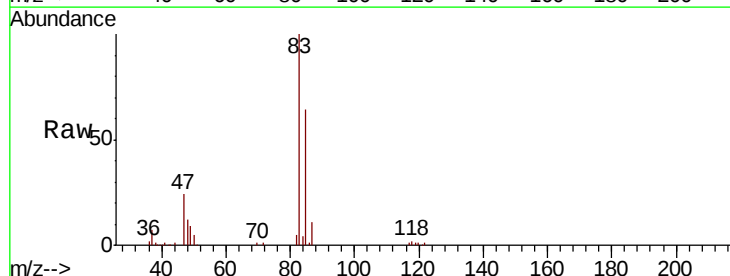
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

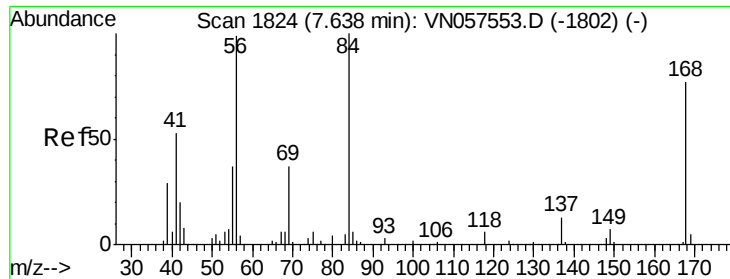
Tgt Ion: 42 Resp: 136795  
Ion Ratio Lower Upper  
42 100  
72 51.5 30.1 45.1#  
71 48.5 28.8 43.2#



#30  
Chloroform  
Concen: 18.833 ug/l  
RT: 7.36 min Scan# 1737  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion: 83 Resp: 194540  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.9 77.9

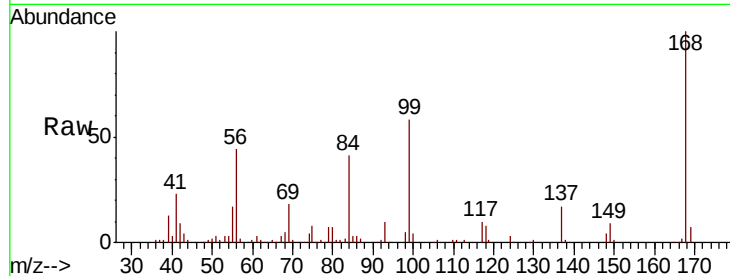




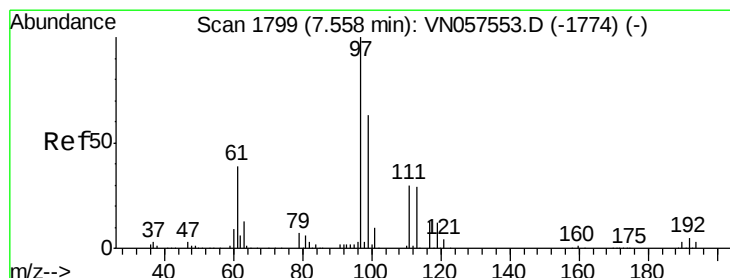
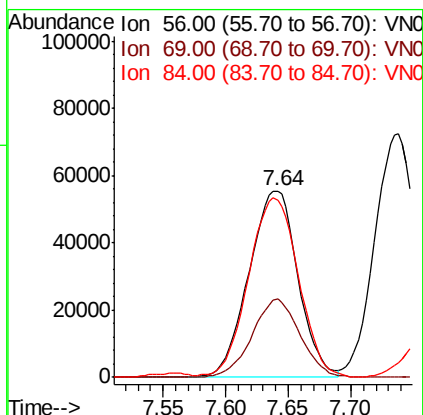
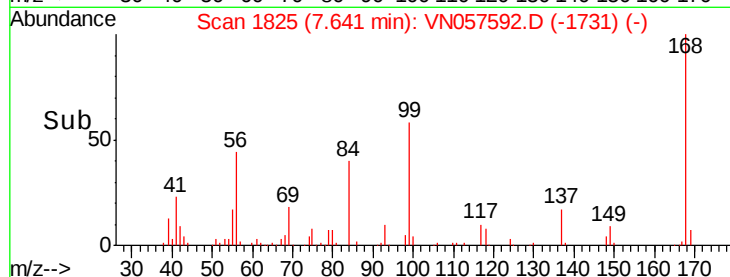
#31  
Cyclohexane  
Concen: 19.523 ug/l  
RT: 7.64 min Scan# 1825  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

Tgt Ion: 56 Resp: 150917  
Ion Ratio Lower Upper  
56 100  
69 41.7 25.0 37.6#  
84 93.5 62.5 93.7

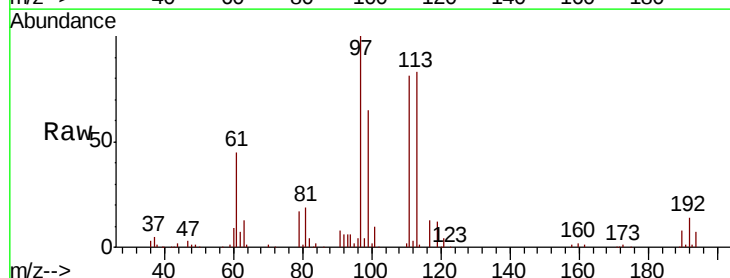


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

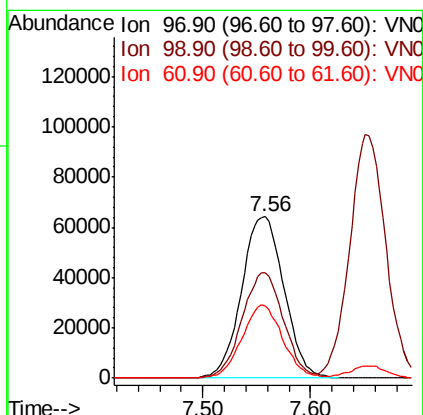
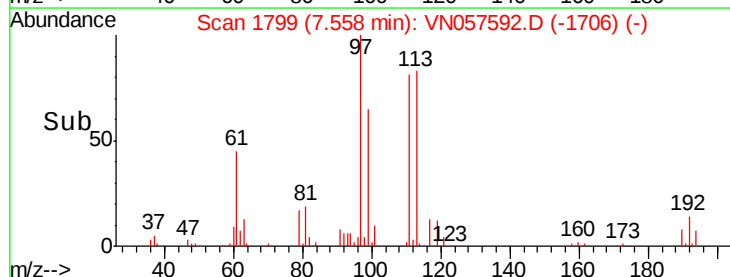


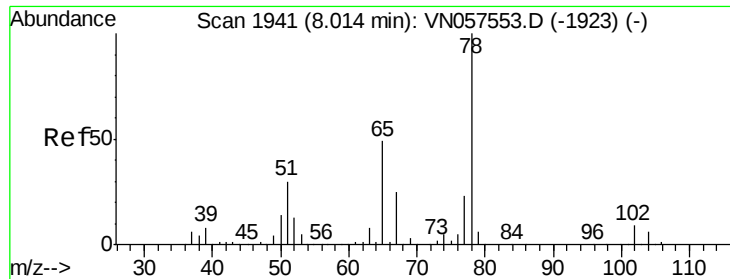
#32  
1,1,1-Trichloroethane  
Concen: 19.129 ug/l  
RT: 7.56 min Scan# 1799  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion: 97 Resp: 175647  
Ion Ratio Lower Upper  
97 100  
99 63.6 51.0 76.6  
61 43.6 39.8 59.6



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 52.728 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

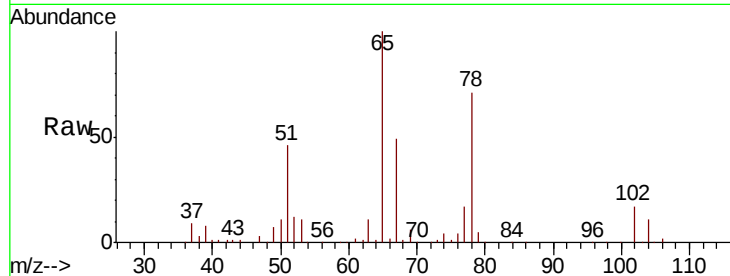
VN0831WBS01

Tgt Ion: 65 Resp: 350905

Ion Ratio Lower Upper

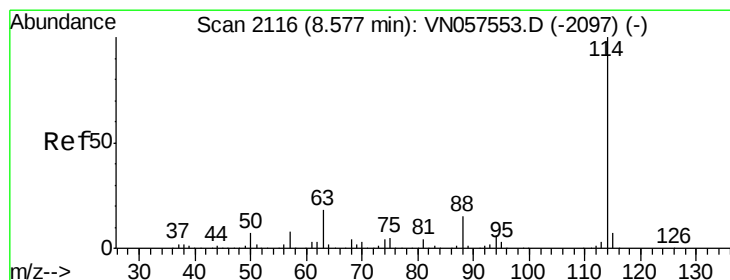
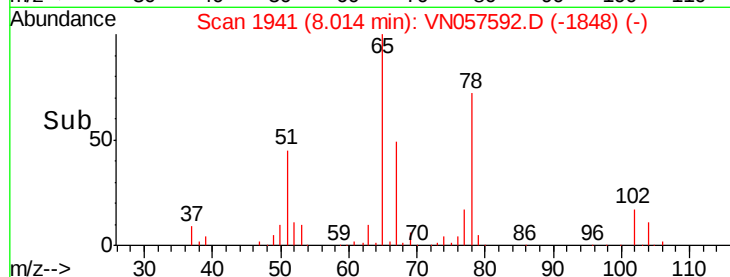
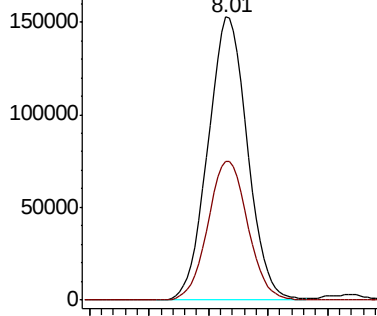
65 100

67 49.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

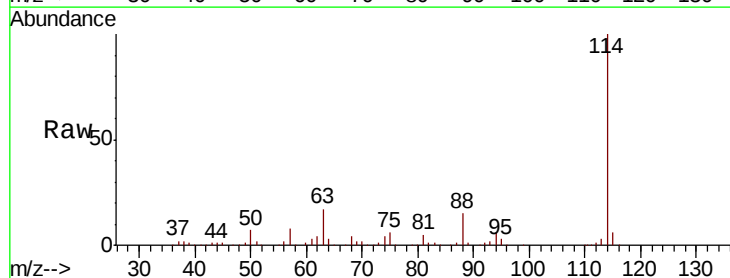
Tgt Ion: 114 Resp: 640311

Ion Ratio Lower Upper

114 100

63 17.4 0.0 50.2

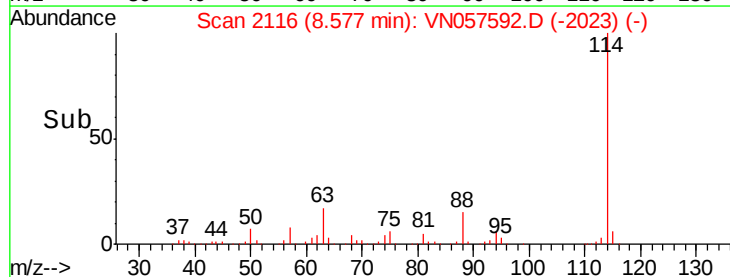
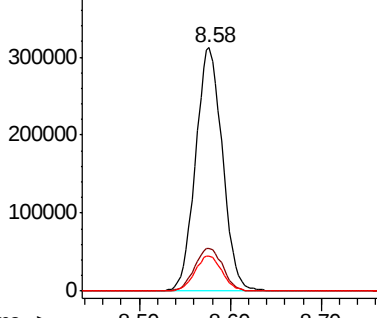
88 14.5 0.0 34.6

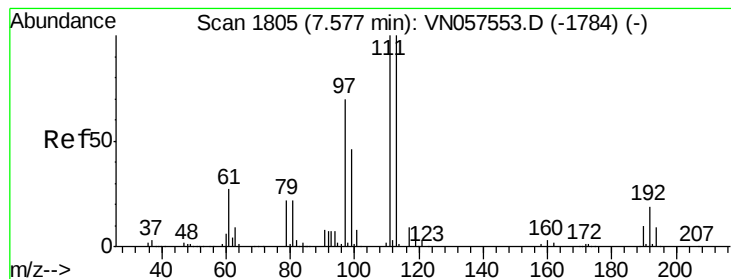


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 48.387 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0831WBS01

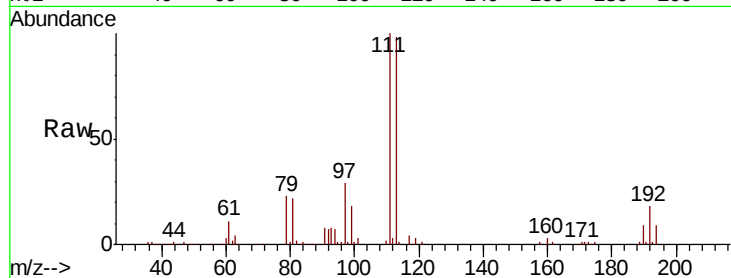
Tgt Ion: 113 Resp: 276926

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

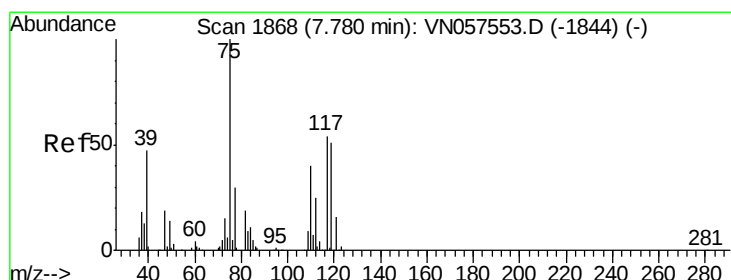
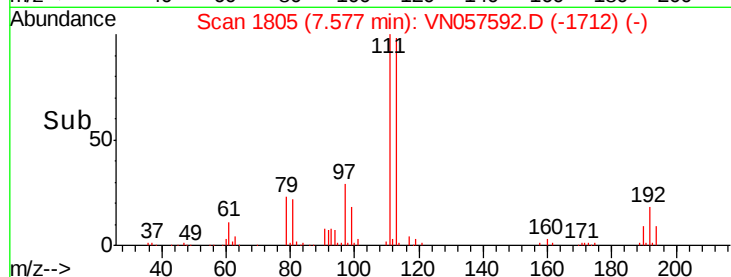
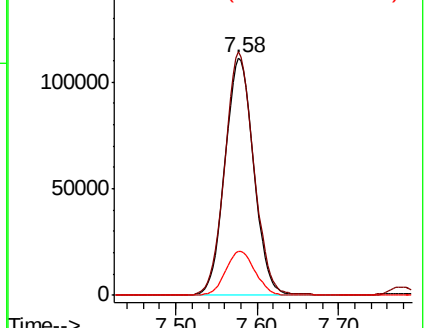
192 18.9 13.5 20.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.146 ug/l

RT: 7.78 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

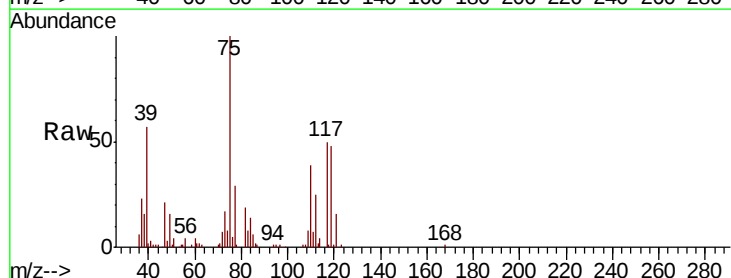
Tgt Ion: 75 Resp: 132617

Ion Ratio Lower Upper

75 100

110 37.6 16.1 48.3

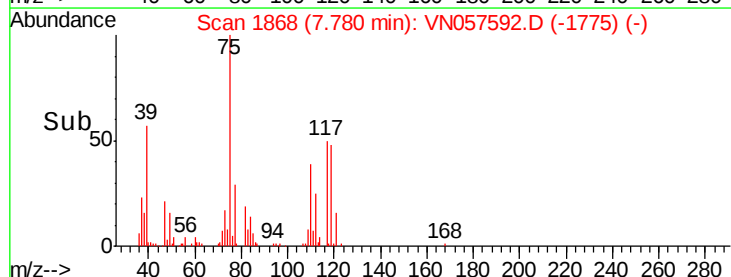
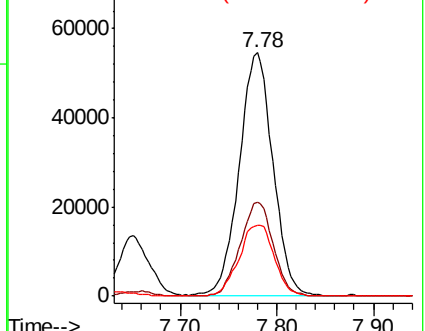
77 30.4 24.8 37.2

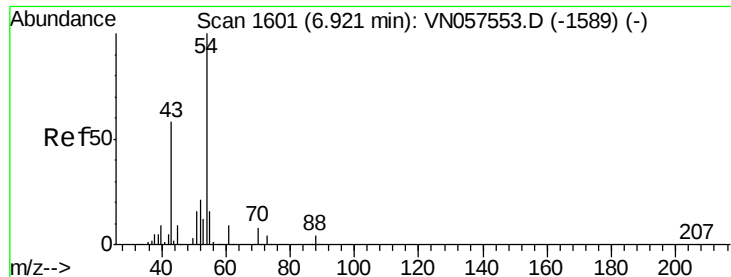


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

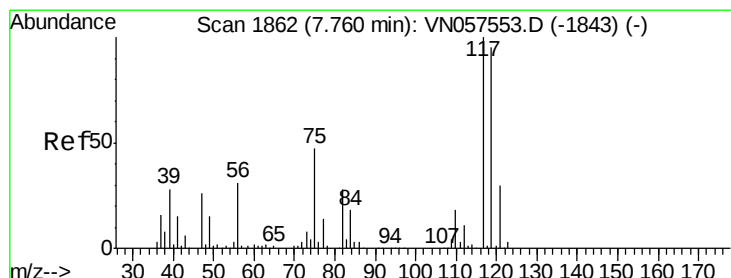
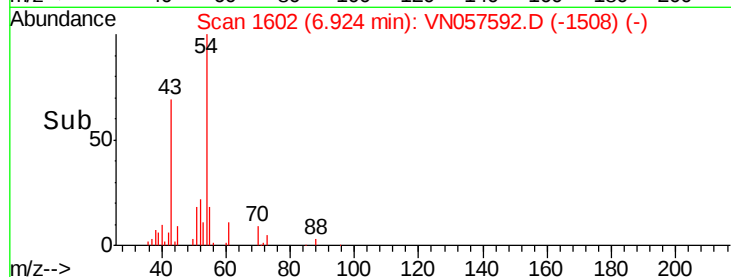
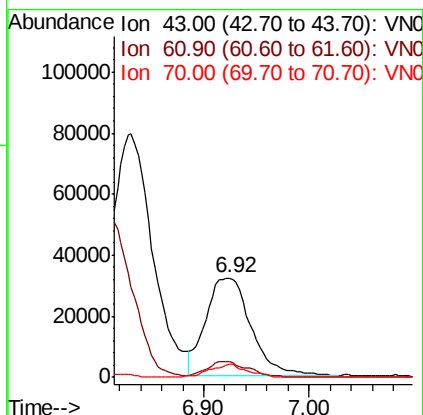
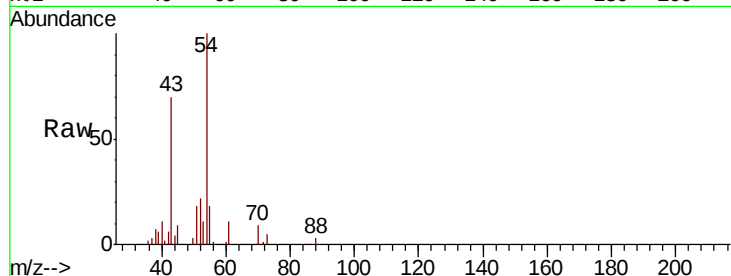




#37  
Ethyl Acetate  
Concen: 20.756 ug/l  
RT: 6.92 min Scan# 1602  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

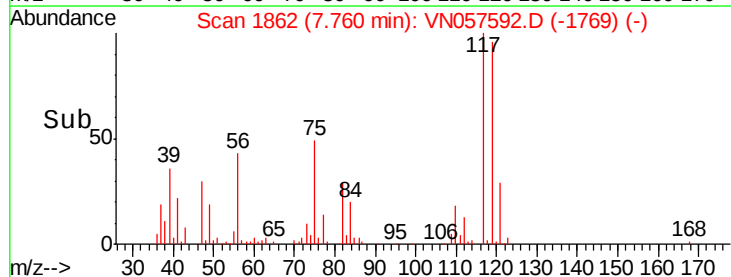
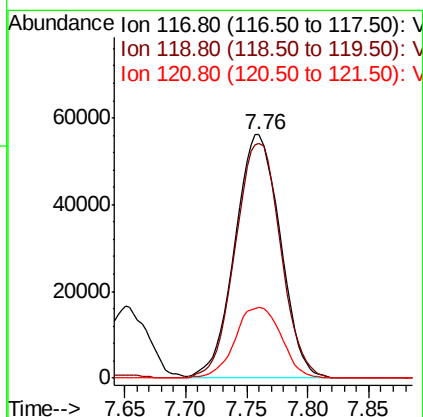
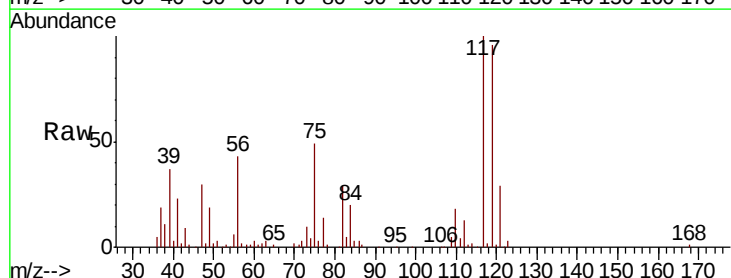
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0831WBS01

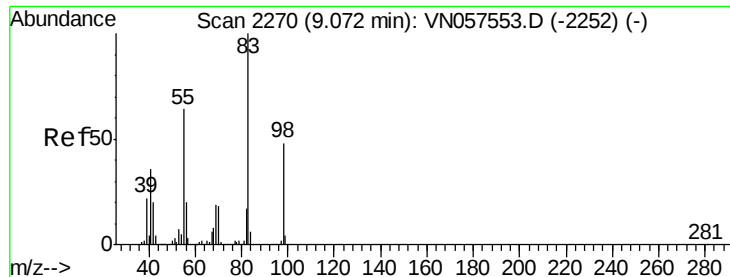
Tgt Ion: 43 Resp: 95257  
Ion Ratio Lower Upper  
43 100  
61 13.8 9.9 14.9  
70 11.3 7.0 10.6#



#38  
Carbon Tetrachloride  
Concen: 17.862 ug/l  
RT: 7.76 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion: 117 Resp: 144679  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.2 114.4  
121 28.9 23.8 35.6

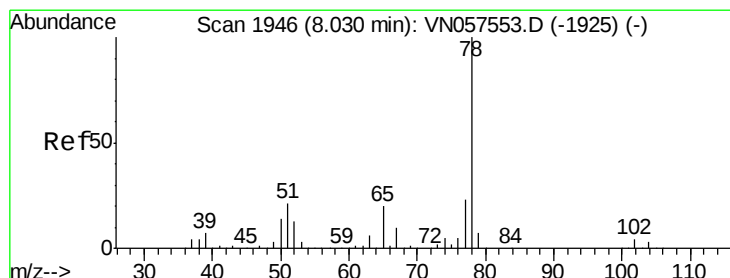
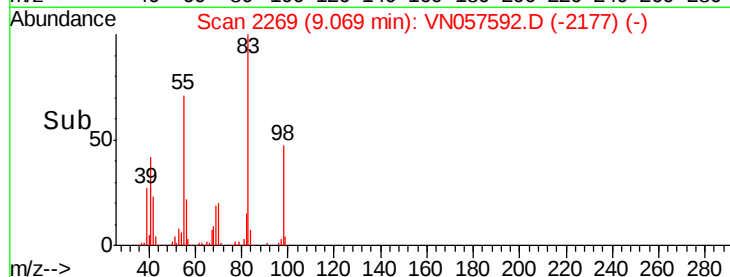
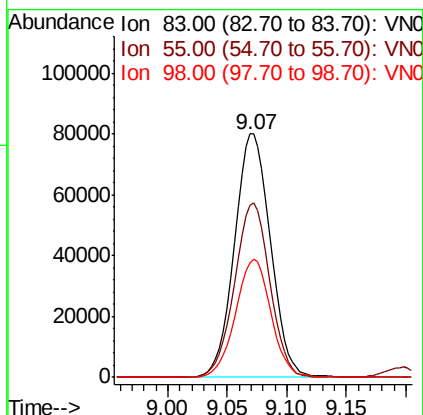
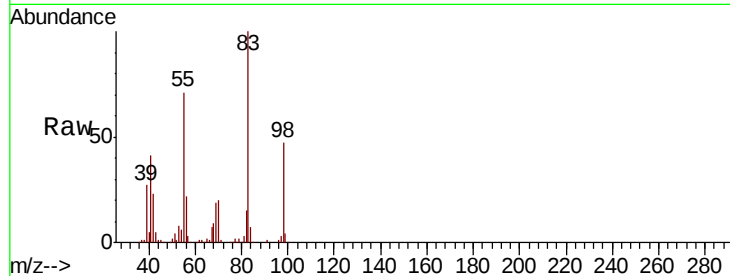




#39  
Methylcyclohexane  
Concen: 19.056 ug/l  
RT: 9.07 min Scan# 2269  
Delta R.T. -0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

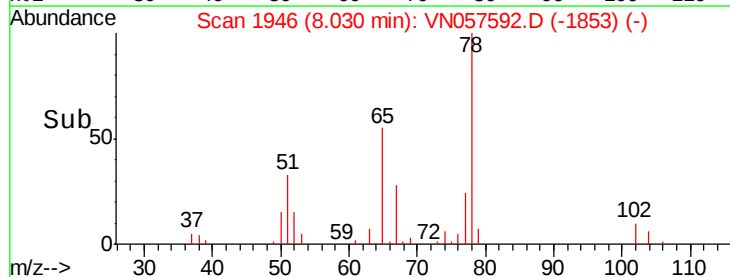
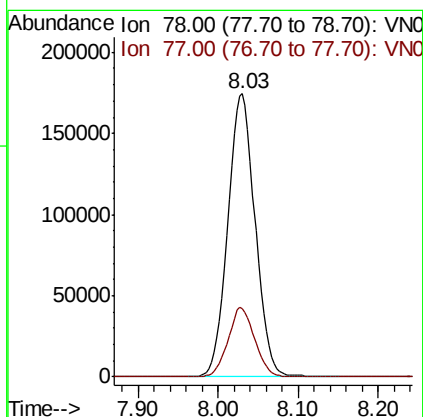
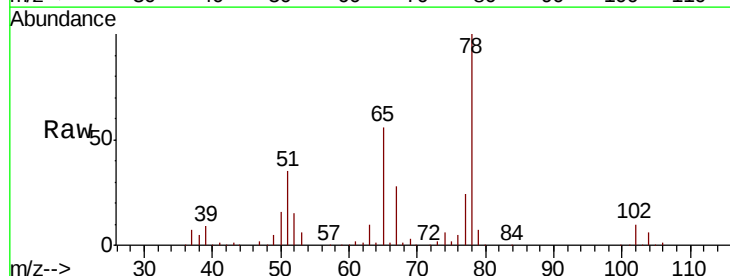
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0831WBS01

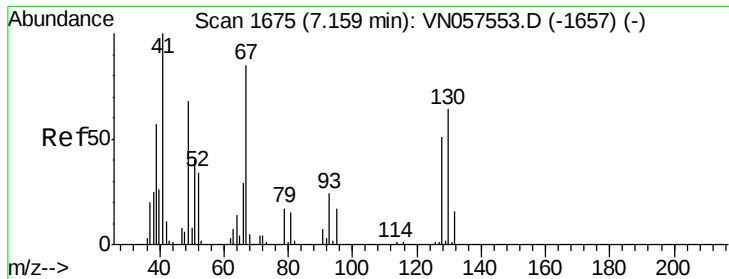
Tgt Ion: 83 Resp: 167937  
Ion Ratio Lower Upper  
83 100  
55 70.6 68.6 102.8  
98 46.8 36.6 54.8



#40  
Benzene  
Concen: 19.158 ug/l  
RT: 8.03 min Scan# 1946  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion: 78 Resp: 406380  
Ion Ratio Lower Upper  
78 100  
77 24.1 18.5 27.7





#41

Methacrylonitrile

Concen: 22.992 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.01 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampled :

VN0831WBS01

Tgt Ion: 41 Resp: 46803

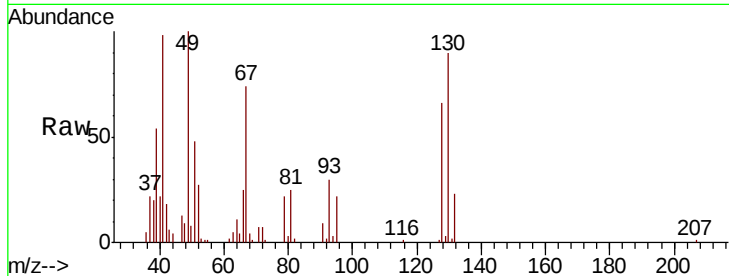
Ion Ratio Lower Upper

41 100

39 59.3 53.6 80.4

67 94.5 65.4 98.2

52 38.9 29.8 44.6

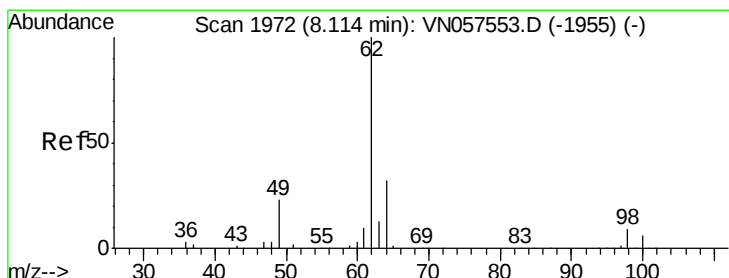
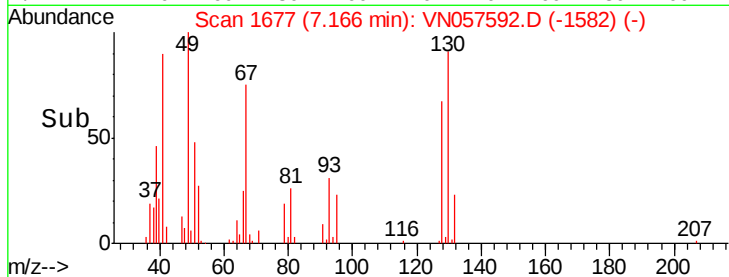
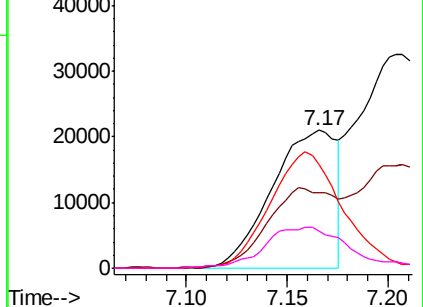


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 20.265 ug/l

RT: 8.11 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VN057592.D

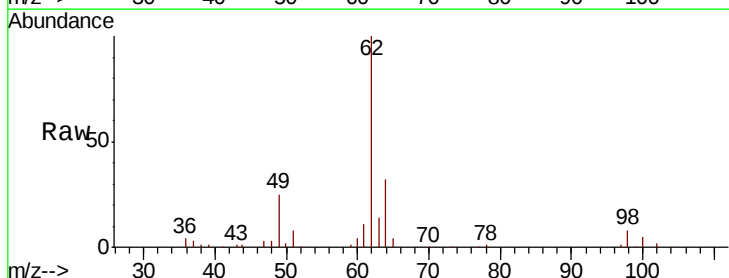
Acq: 30 Aug 2019 17:05

Tgt Ion: 62 Resp: 153000

Ion Ratio Lower Upper

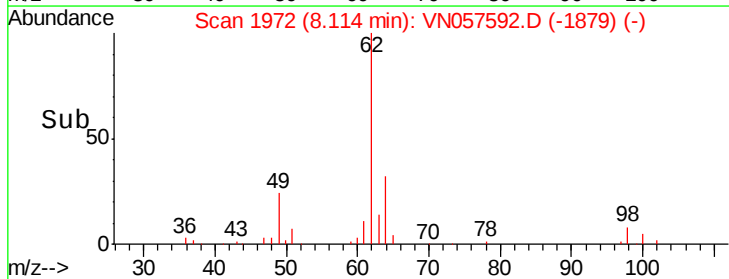
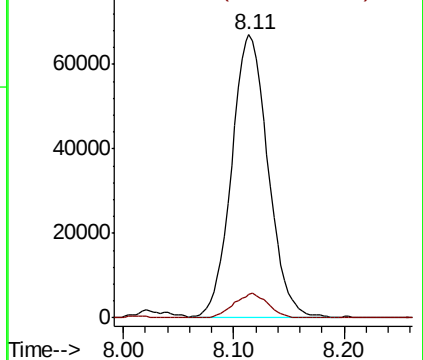
62 100

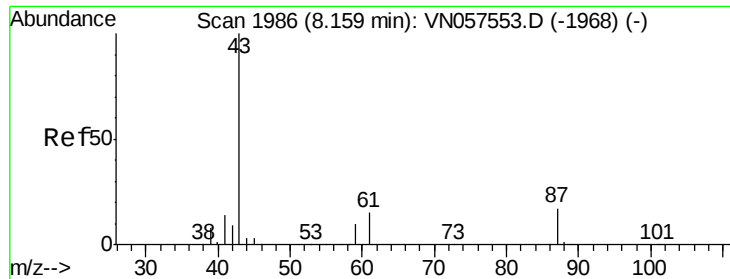
98 8.2 0.0 15.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

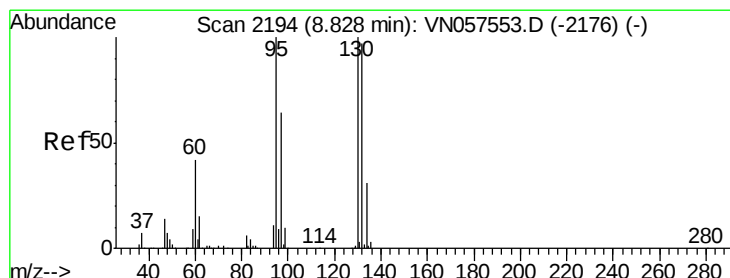
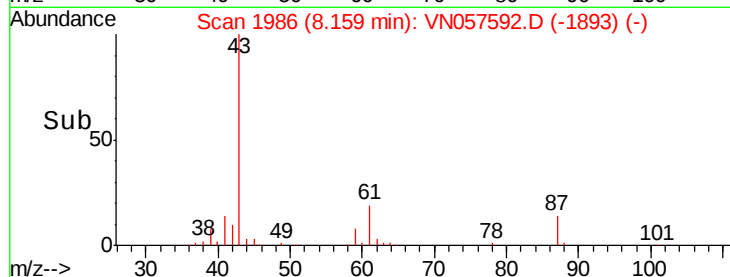
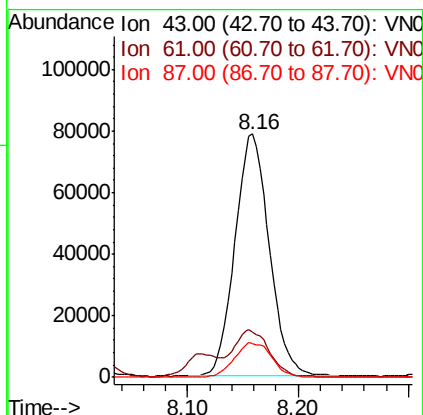
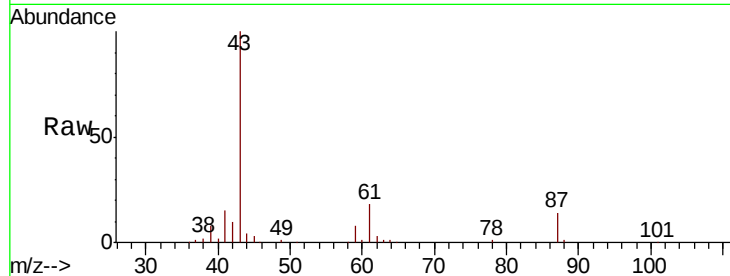




#43  
Isopropyl Acetate  
Concen: 19.767 ug/l  
RT: 8.16 min Scan# 1986  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

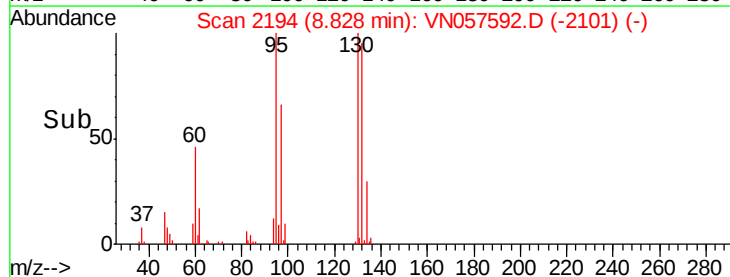
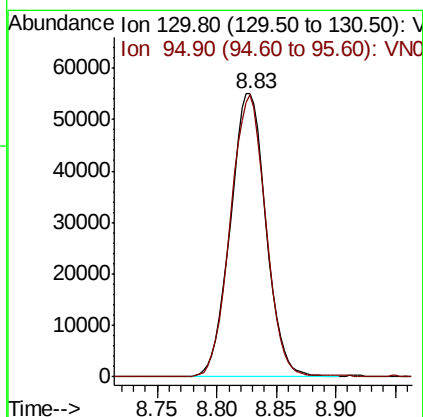
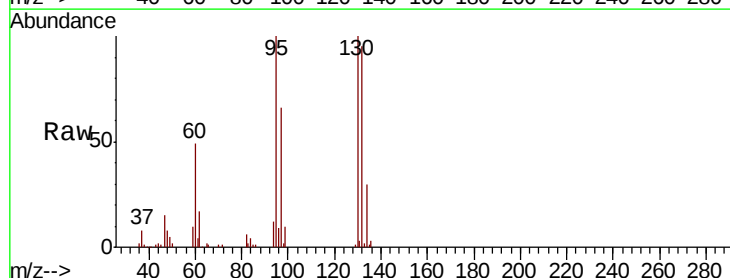
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

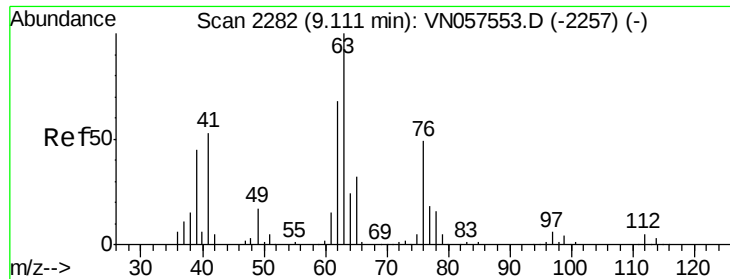
Tgt Ion: 43 Resp: 169328  
Ion Ratio Lower Upper  
43 100  
61 20.1 14.5 21.7  
87 15.4 8.6 12.8#



#44  
Trichloroethene  
Concen: 19.473 ug/l  
RT: 8.83 min Scan# 2194  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion:130 Resp: 114065  
Ion Ratio Lower Upper  
130 100  
95 99.7 0.0 231.6

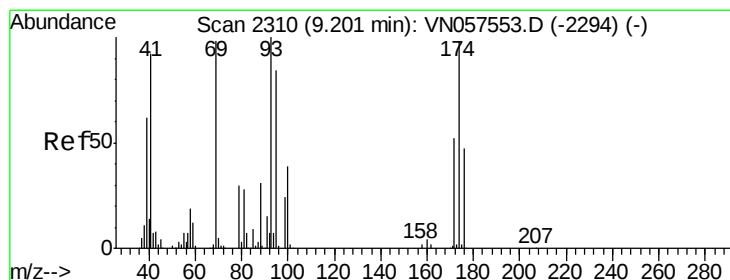
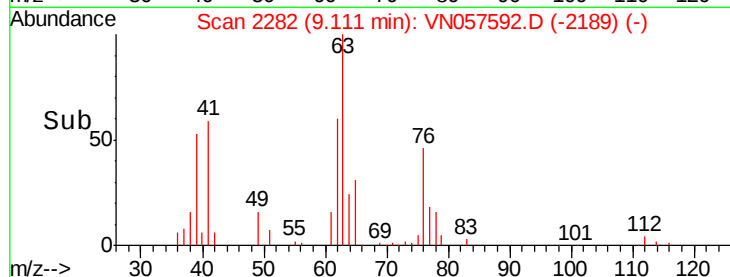
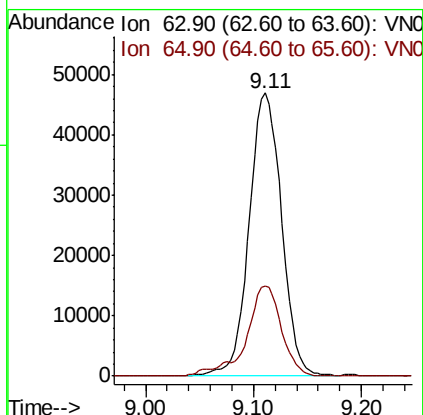
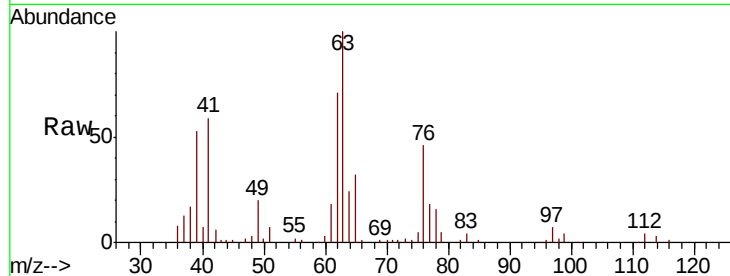




#45  
 1,2-Dichloropropane  
 Concen: 19.799 ug/l  
 RT: 9.11 min Scan# 2282  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

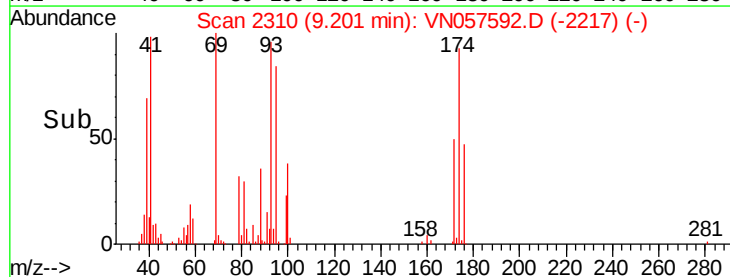
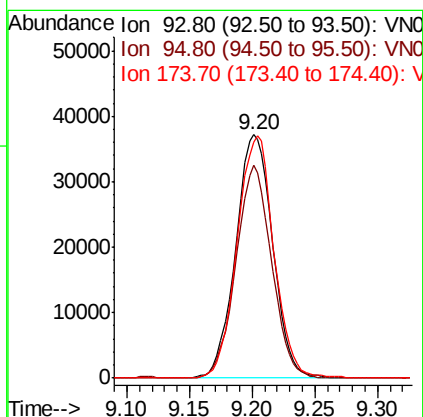
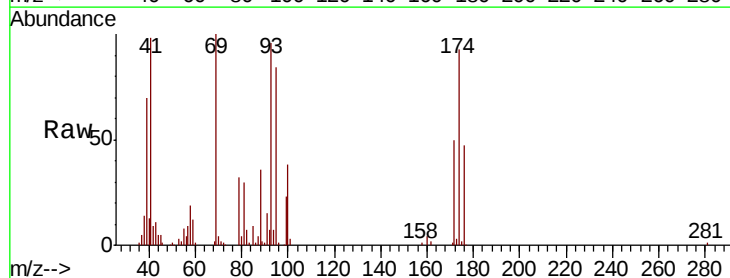
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0831WBS01

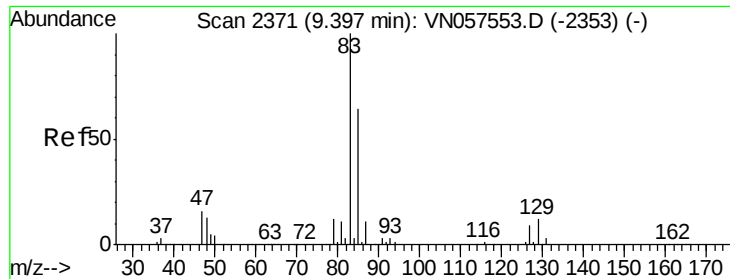
Tgt Ion: 63 Resp: 98142  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 24.7 37.1



#46  
 Dibromomethane  
 Concen: 19.583 ug/l  
 RT: 9.20 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Tgt Ion: 93 Resp: 76118  
 Ion Ratio Lower Upper  
 93 100  
 95 84.2 64.7 97.1  
 174 99.5 62.3 93.5#





#47

Bromodichloromethane

Concen: 18.552 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0831WBS01

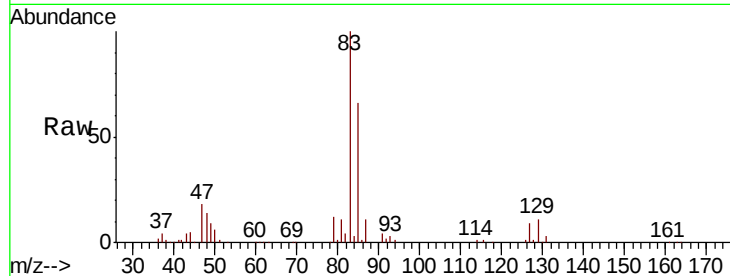
Tgt Ion: 83 Resp: 148665

Ion Ratio Lower Upper

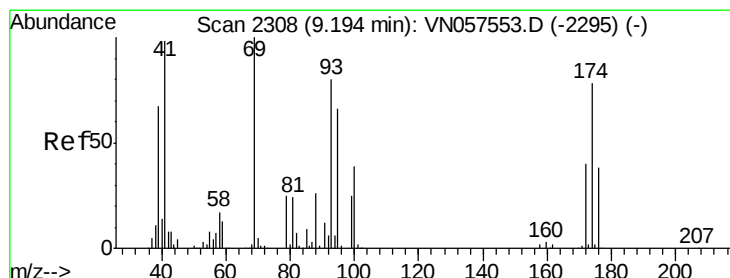
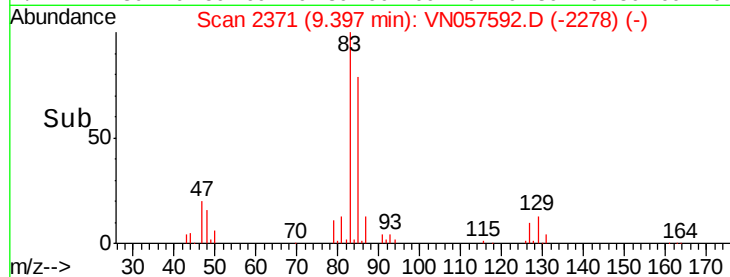
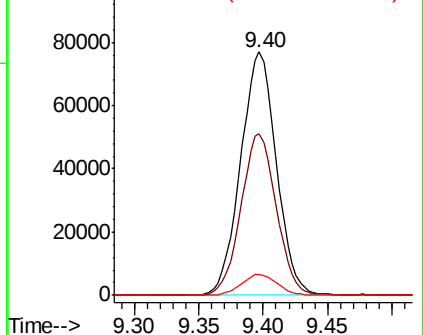
83 100

85 66.3 51.2 76.8

127 8.7 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.792 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

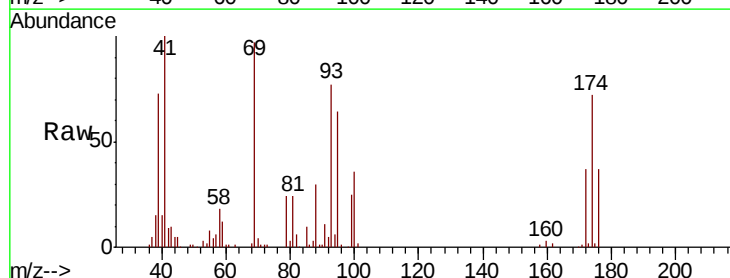
Tgt Ion: 41 Resp: 80072

Ion Ratio Lower Upper

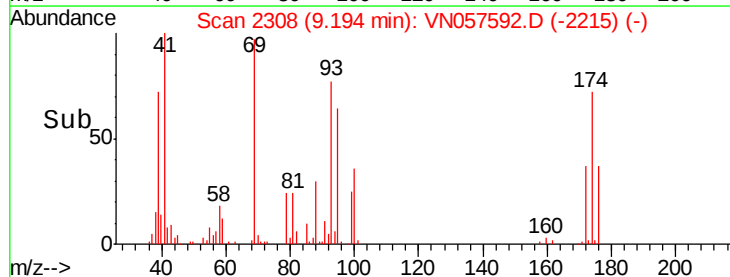
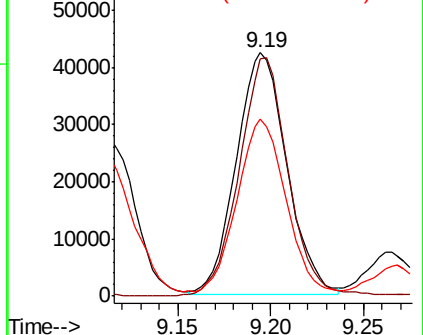
41 100

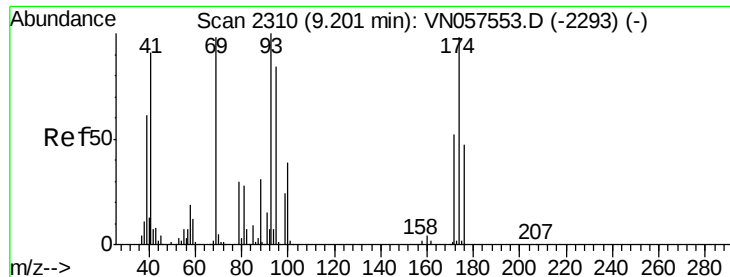
69 96.2 59.3 88.9#

39 71.0 50.6 75.8



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 400.091 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0831WBS01

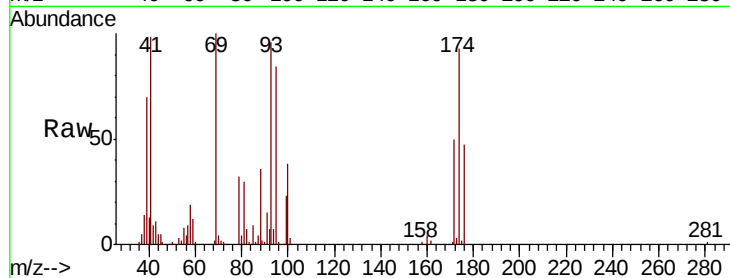
Tgt Ion: 88 Resp: 29539

Ion Ratio Lower Upper

88 100

43 24.8 31.0 46.6#

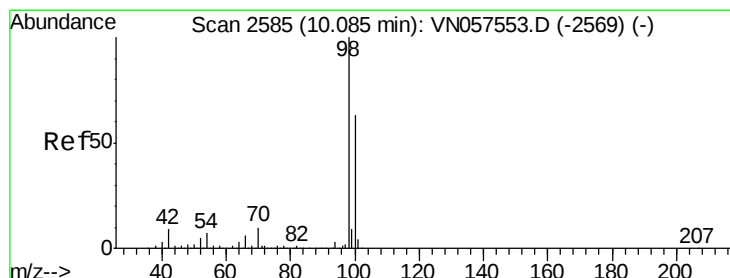
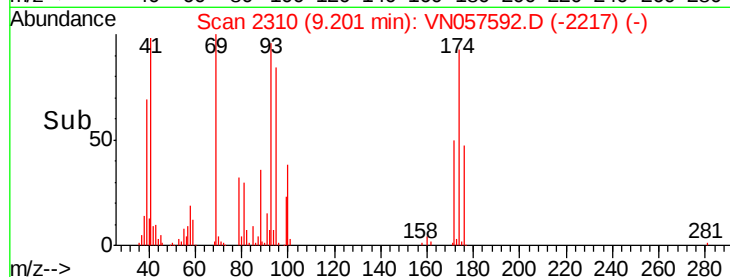
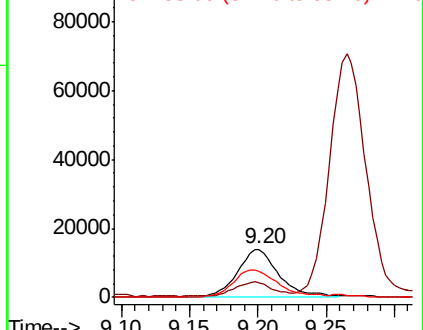
58 61.5 64.5 96.7#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.355 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057592.D

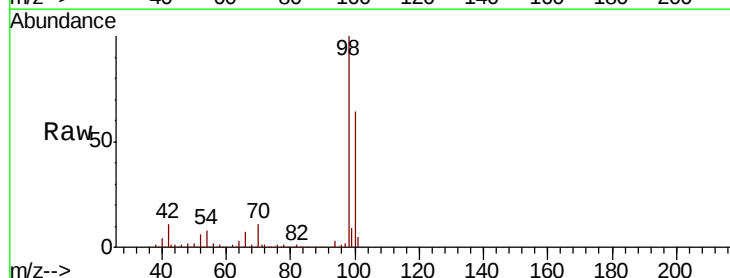
Acq: 30 Aug 2019 17:05

Tgt Ion: 98 Resp: 1059864

Ion Ratio Lower Upper

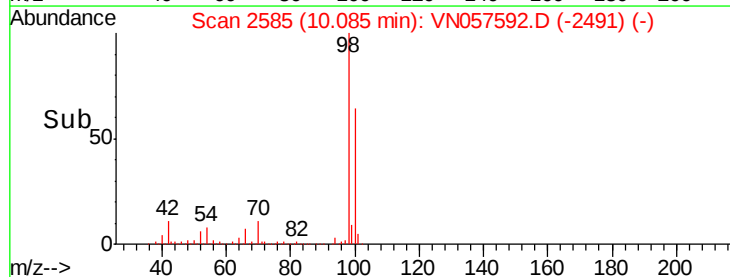
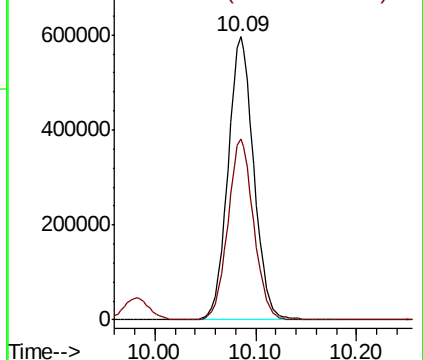
98 100

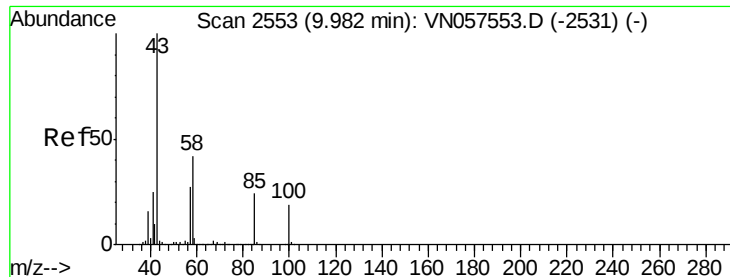
100 63.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

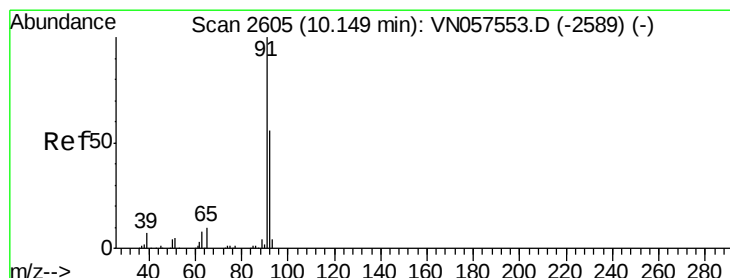
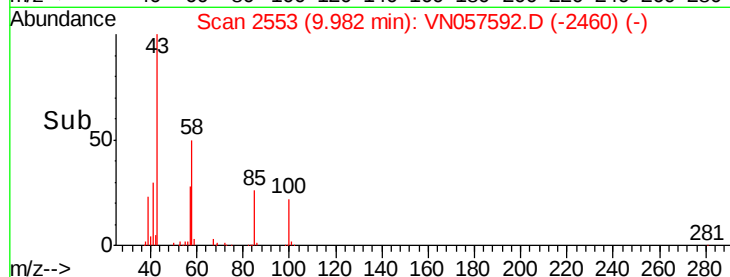
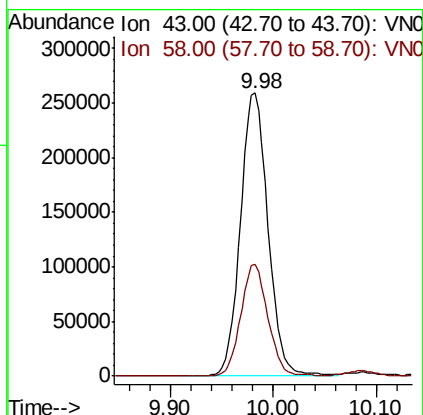
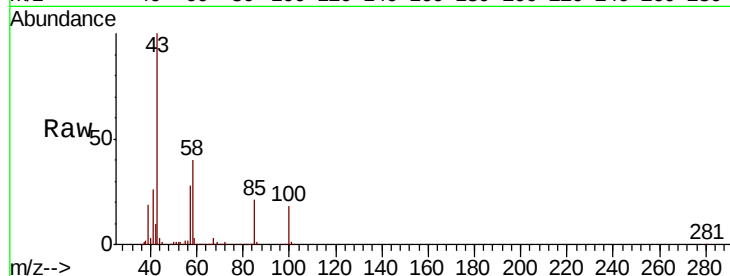




#51  
 4-Methyl-2-Pentanone  
 Concen: 104.960 ug/l  
 RT: 9.98 min Scan# 2553  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

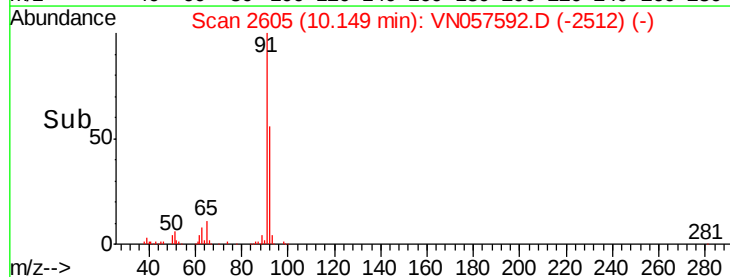
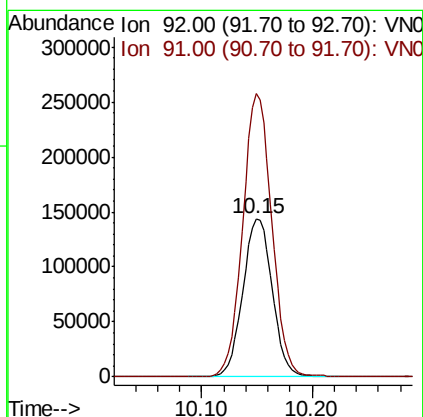
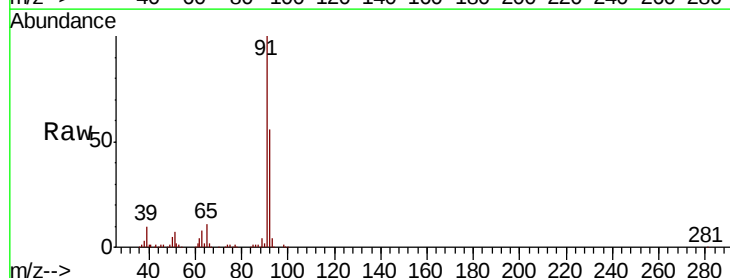
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0831WBS01

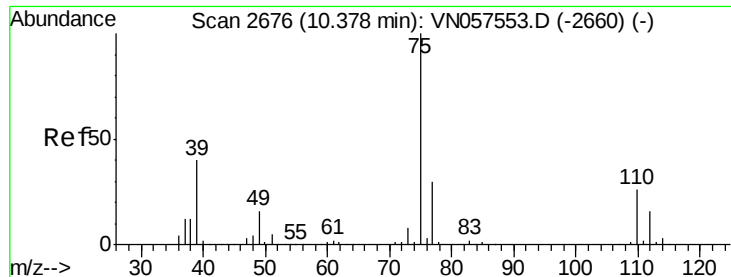
Tgt Ion: 43 Resp: 480527  
 Ion Ratio Lower Upper  
 43 100  
 58 39.0 27.9 41.9



#52  
 Toluene  
 Concen: 19.353 ug/l  
 RT: 10.15 min Scan# 2605  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Tgt Ion: 92 Resp: 265963  
 Ion Ratio Lower Upper  
 92 100  
 91 176.8 140.9 211.3

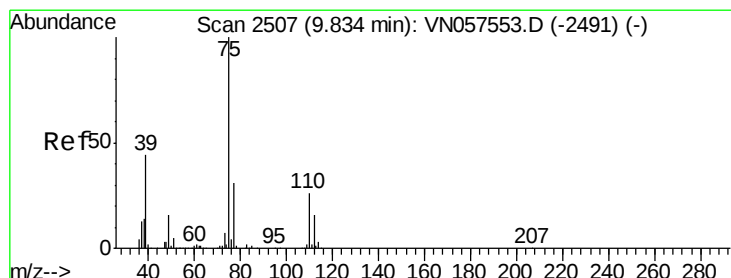
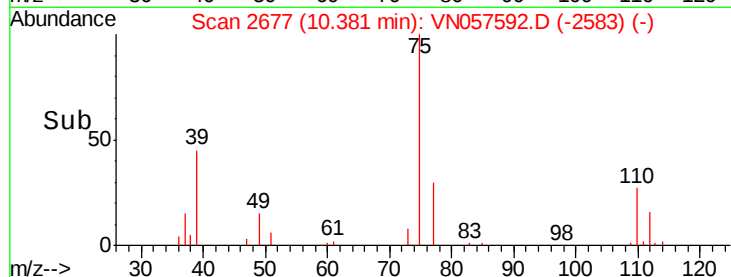
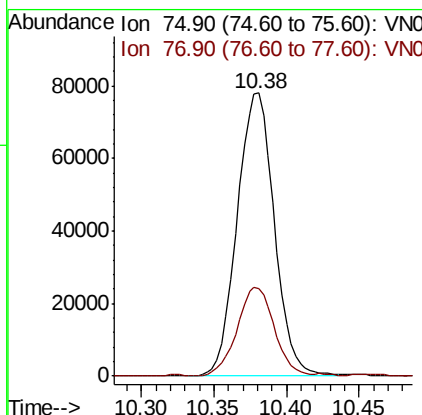
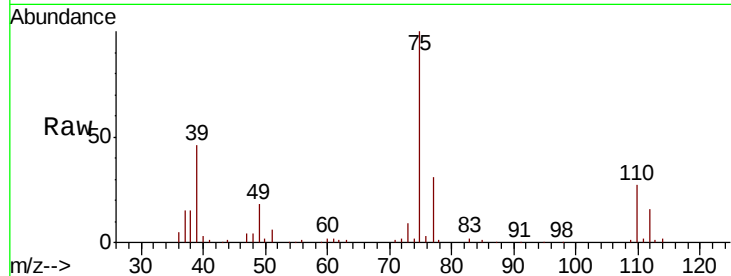




#53  
 t-1,3-Dichloropropene  
 Concen: 17.986 ug/l  
 RT: 10.38 min Scan# 2677  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

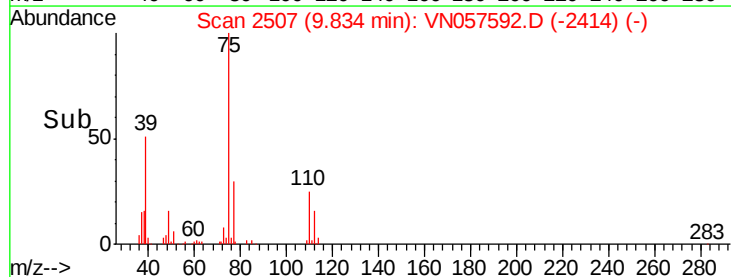
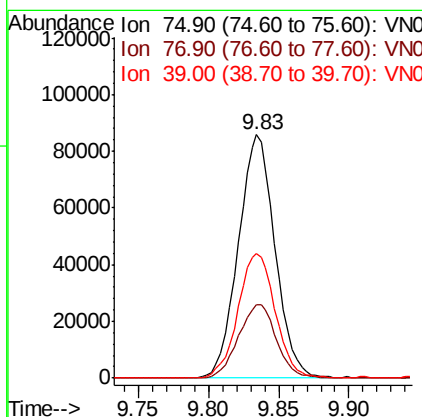
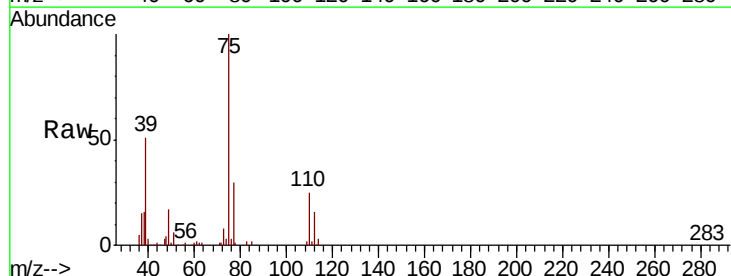
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0831WBS01

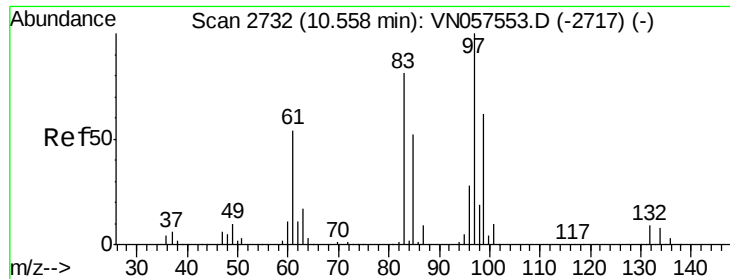
Tgt Ion: 75 Resp: 139285  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.616 ug/l  
 RT: 9.83 min Scan# 2507  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Tgt Ion: 75 Resp: 156150  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 25.0 37.6  
 39 51.0 49.2 73.8





#55

1,1,2-Trichloroethane

Concen: 19.349 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampled :

VN0831WBS01

Tgt Ion: 97 Resp: 102268

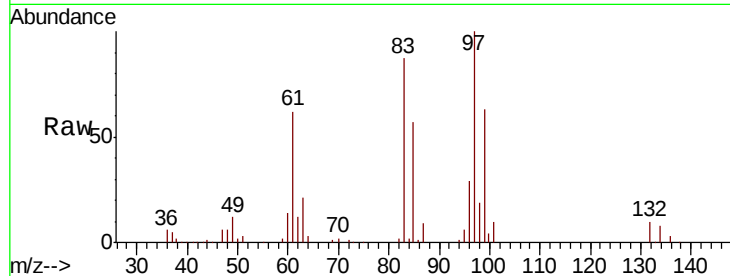
Ion Ratio Lower Upper

97 100

83 87.4 73.7 110.5

85 57.3 46.8 70.2

99 63.1 49.8 74.8

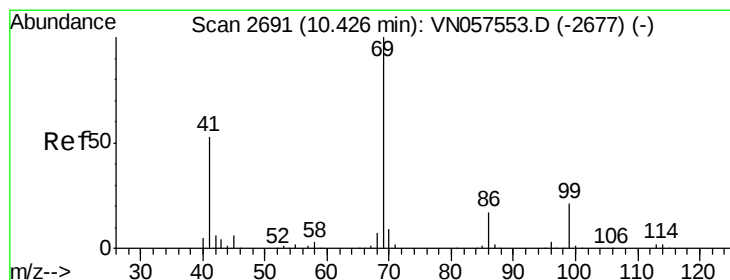
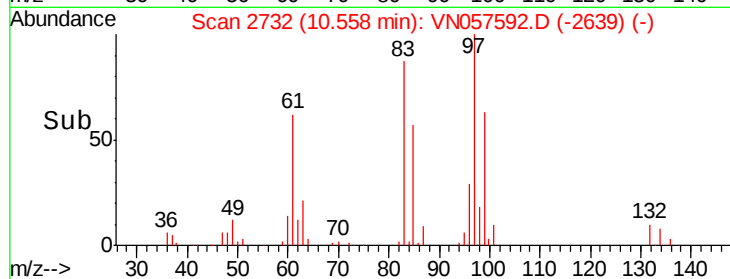
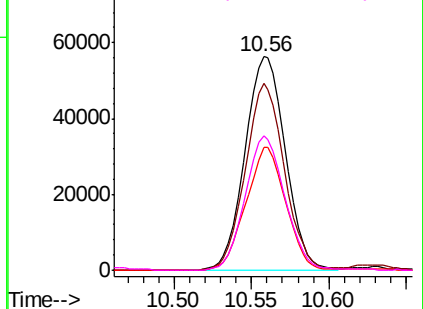


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.103 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

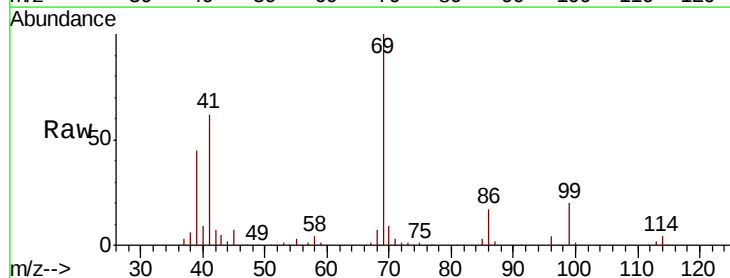
Tgt Ion: 69 Resp: 134393

Ion Ratio Lower Upper

69 100

41 59.1 60.8 91.2#

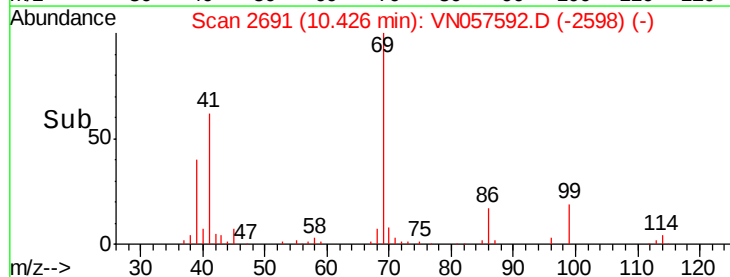
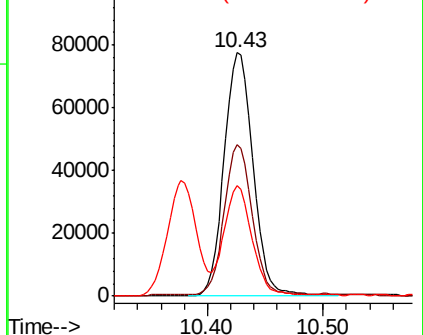
39 42.8 36.5 54.7

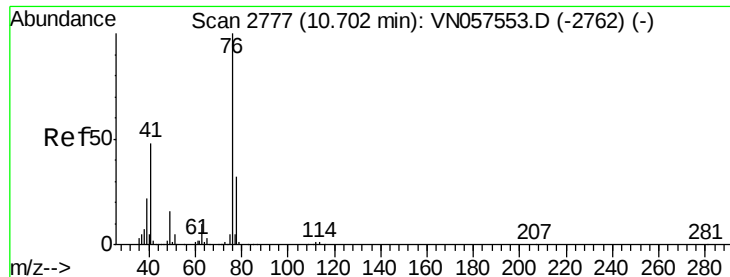


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.948 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampled :

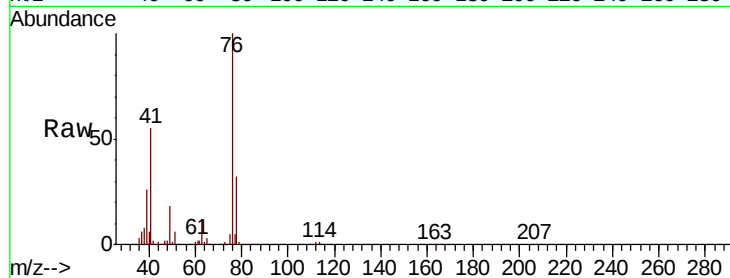
VN0831WBS01

Tgt Ion: 76 Resp: 168432

Ion Ratio Lower Upper

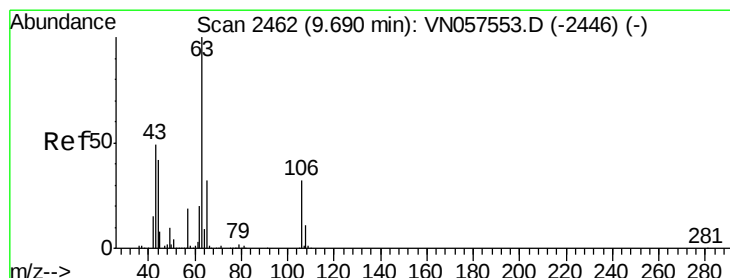
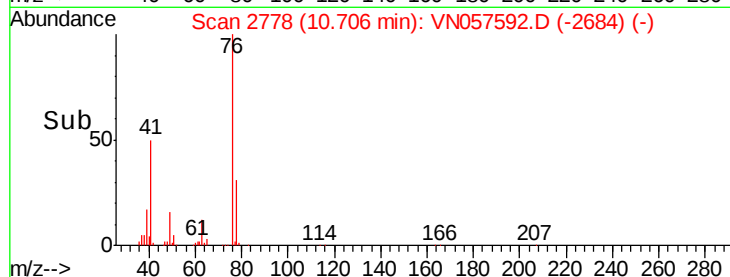
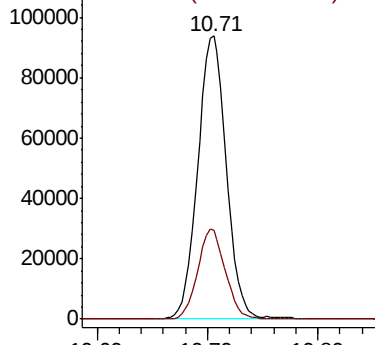
76 100

78 30.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 104.615 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057592.D

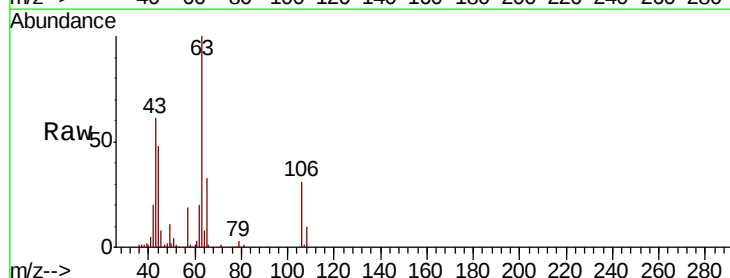
Acq: 30 Aug 2019 17:05

Tgt Ion: 63 Resp: 172674

Ion Ratio Lower Upper

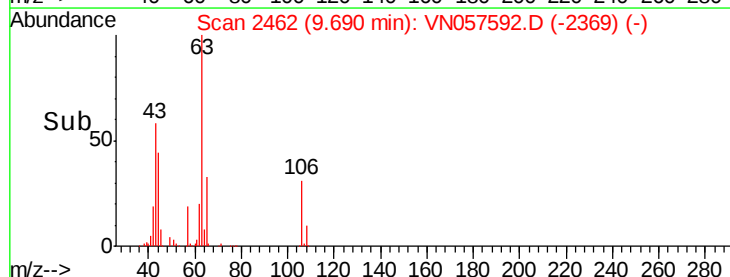
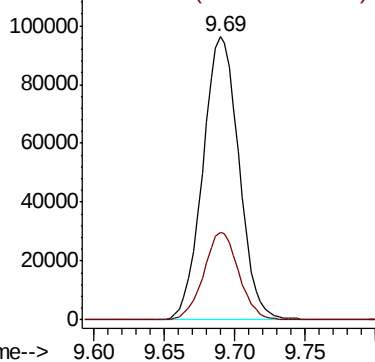
63 100

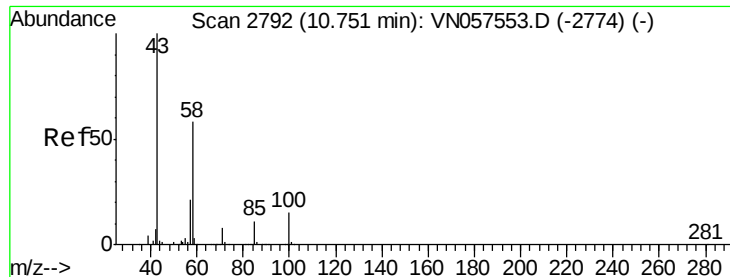
106 30.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

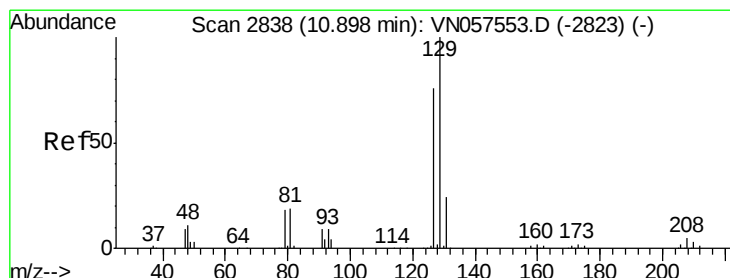
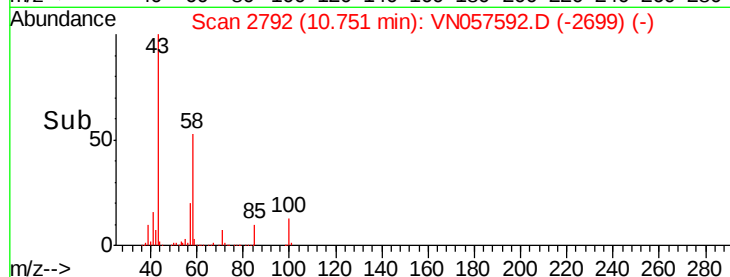
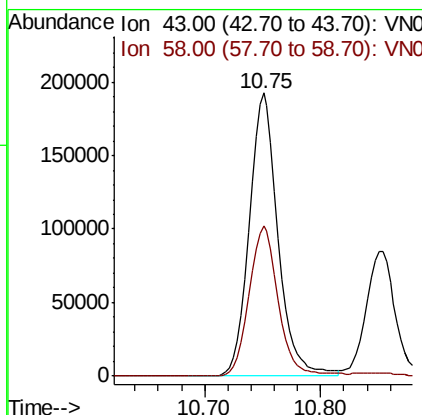
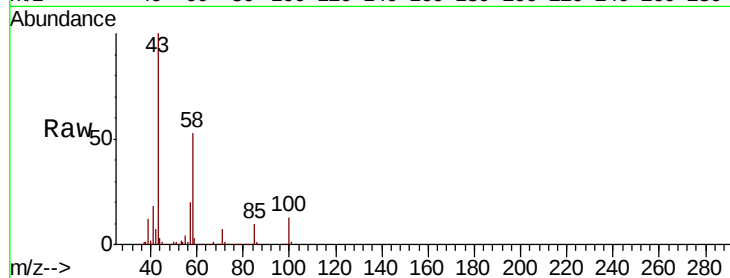




#59  
2-Hexanone  
Concen: 105.547 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

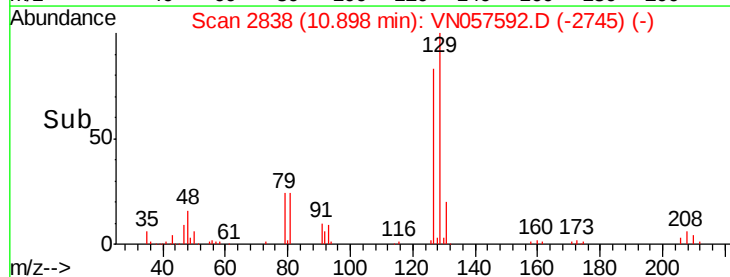
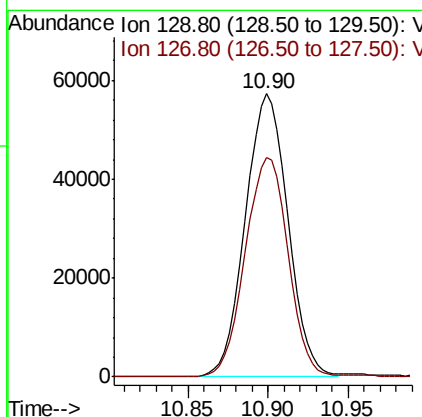
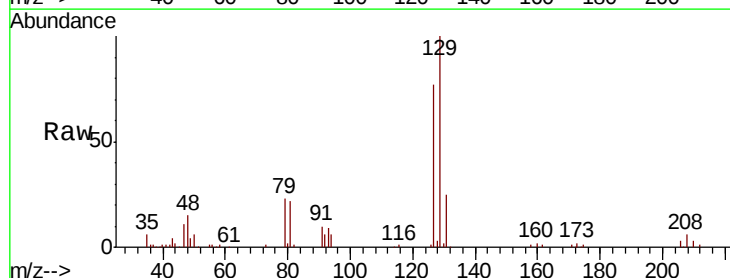
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

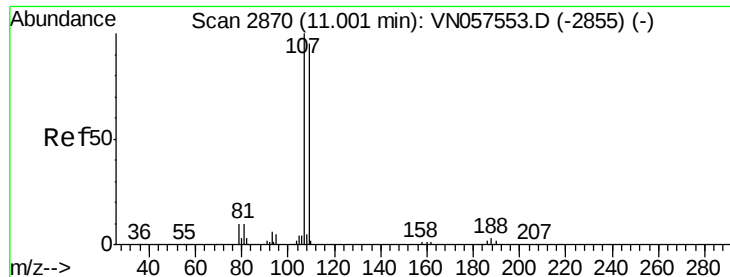
Tgt Ion: 43 Resp: 333619  
Ion Ratio Lower Upper  
43 100  
58 53.9 24.6 73.6



#60  
Dibromochloromethane  
Concen: 17.380 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion: 129 Resp: 104781  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.0 116.9

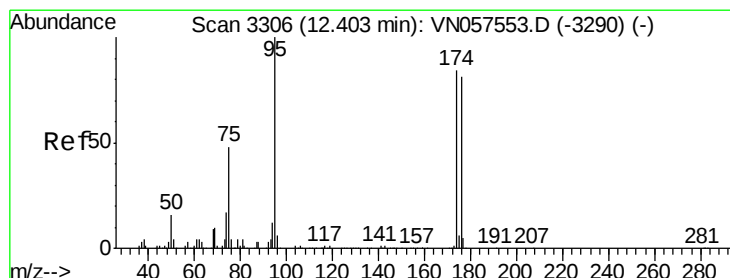
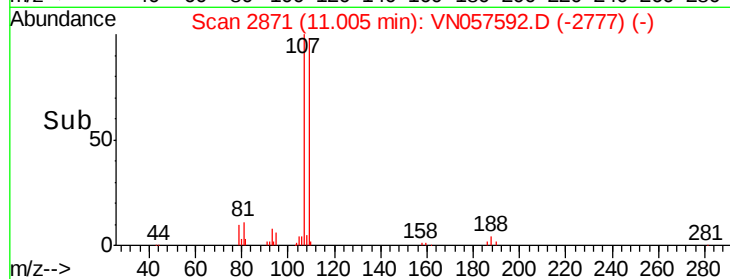
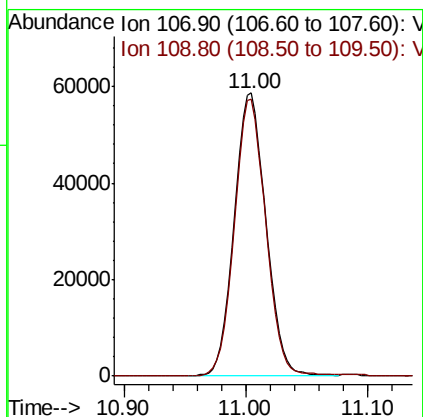
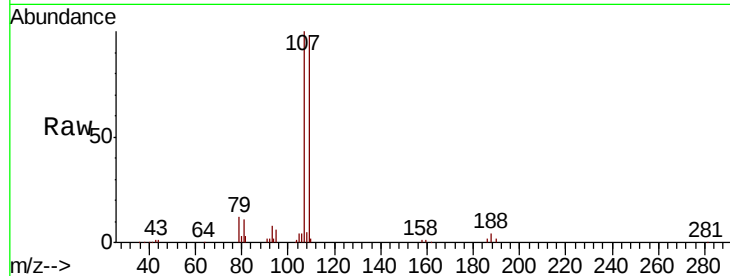




#61  
 1,2-Dibromoethane  
 Concen: 19.164 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

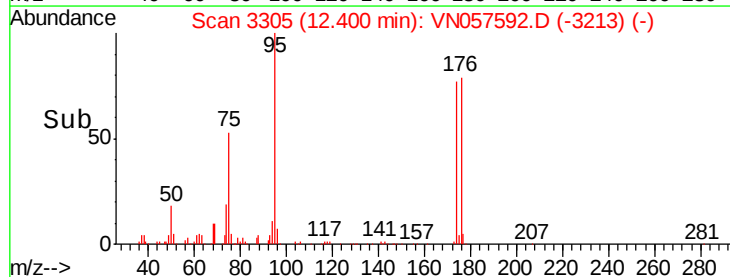
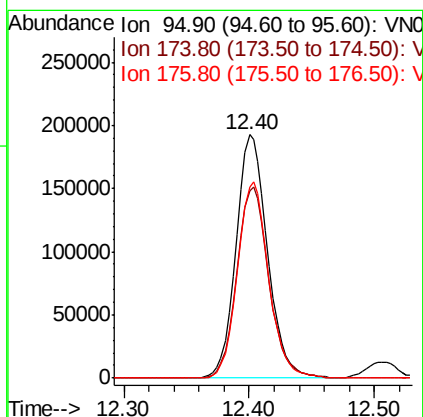
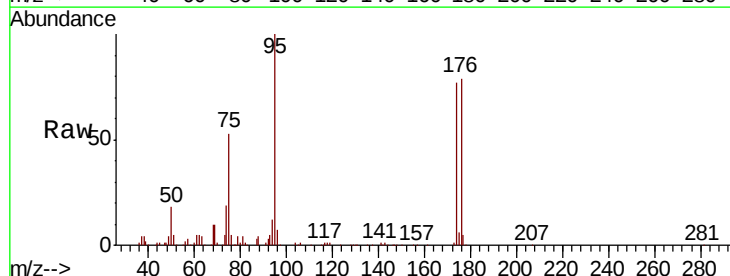
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0831WBS01

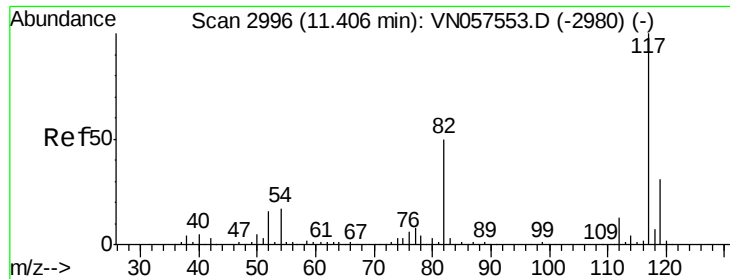
Tgt Ion: 107 Resp: 105994  
 Ion Ratio Lower Upper  
 107 100  
 109 96.3 73.8 110.8



#62  
 4-Bromofluorobenzene  
 Concen: 49.339 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Tgt Ion: 95 Resp: 335277  
 Ion Ratio Lower Upper  
 95 100  
 174 80.0 0.0 133.0  
 176 80.2 0.0 130.8

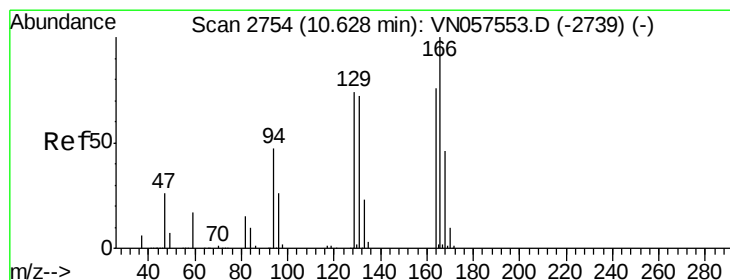
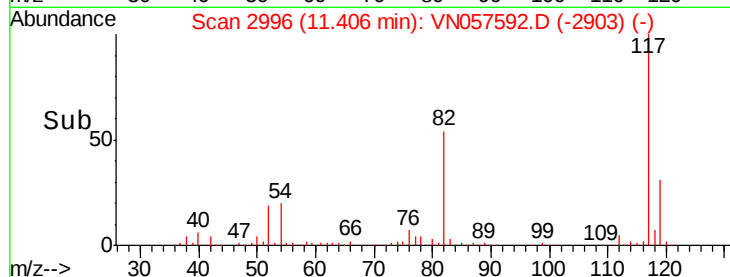
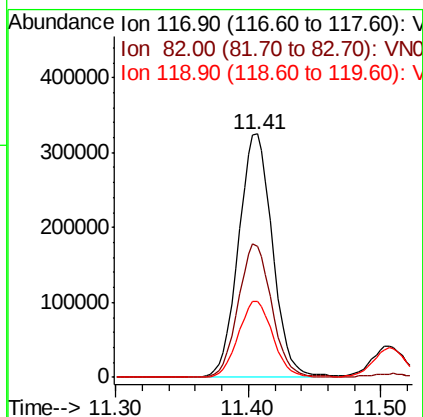
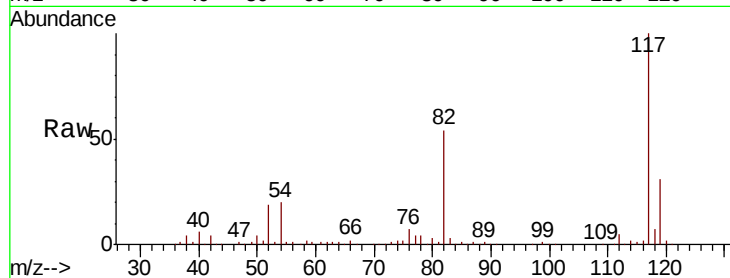




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

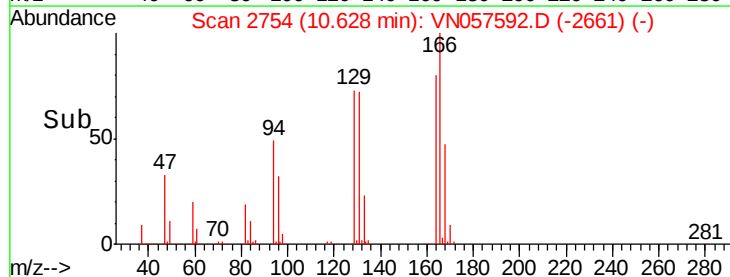
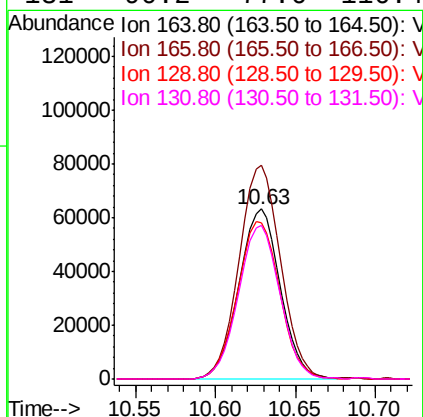
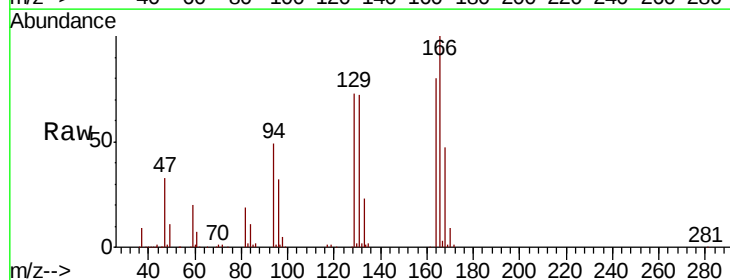
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

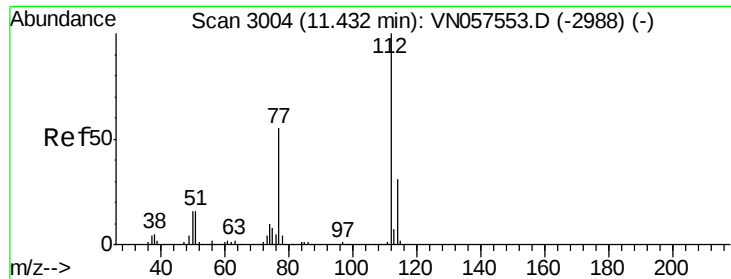
Tgt Ion:117 Resp: 577659  
Ion Ratio Lower Upper  
117 100  
82 54.1 50.6 75.8  
119 31.2 24.6 36.8



#64  
Tetrachloroethene  
Concen: 18.817 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion:164 Resp: 111640  
Ion Ratio Lower Upper  
164 100  
166 125.8 104.4 156.6  
129 92.2 86.6 130.0  
131 90.2 77.6 116.4

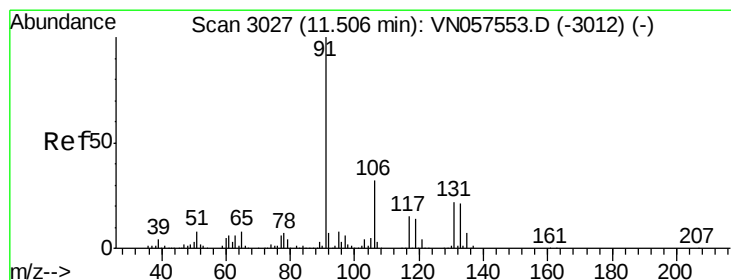
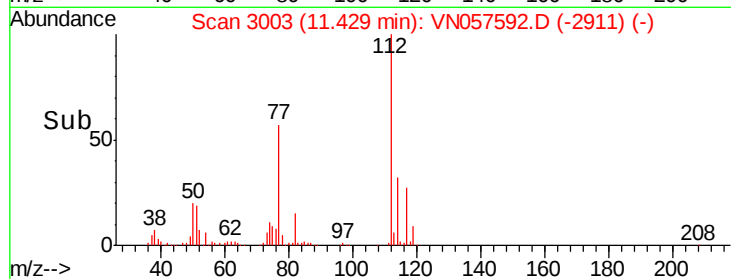
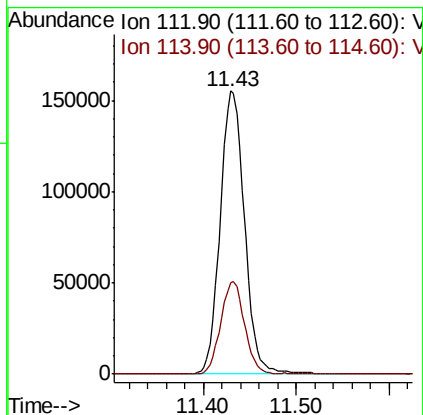
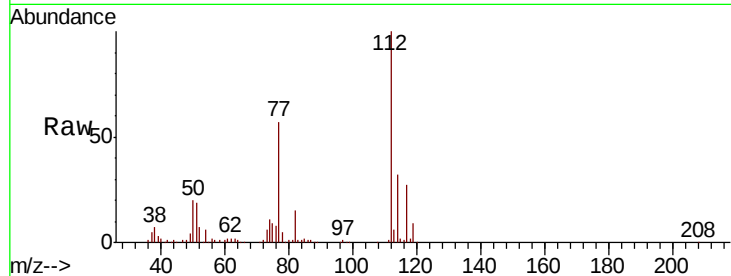




#65  
Chlorobenzene  
Concen: 19.494 ug/l  
RT: 11.43 min Scan# 3003  
Delta R.T. -0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

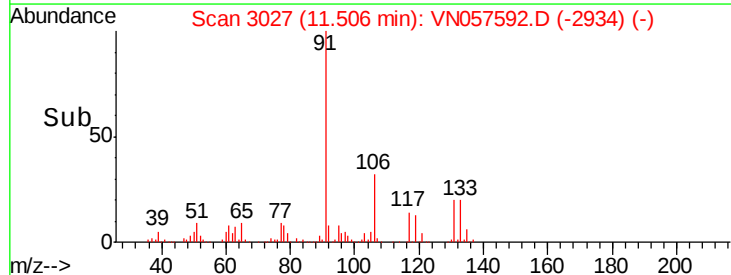
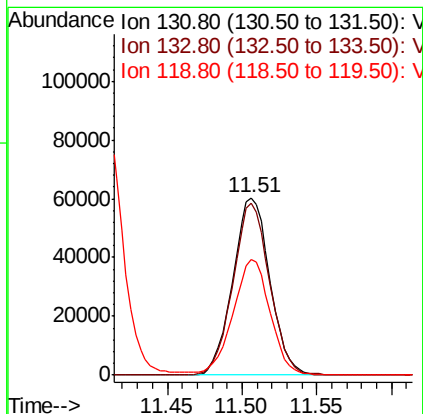
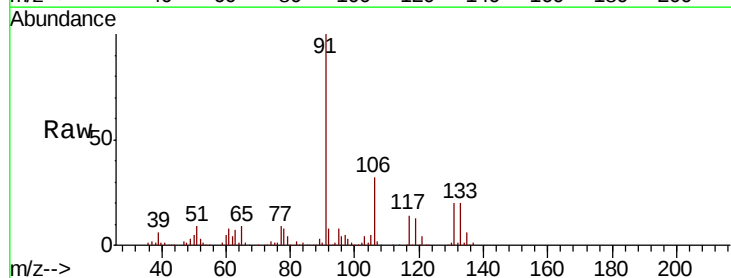
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

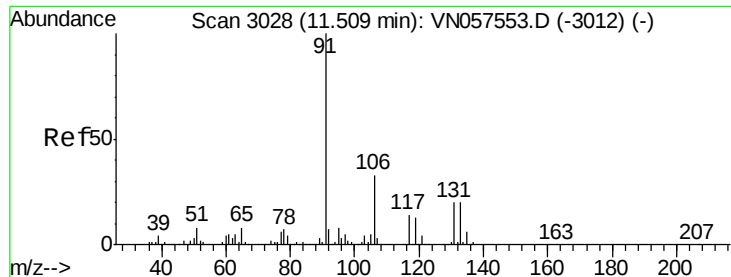
Tgt Ion:112 Resp: 282655  
Ion Ratio Lower Upper  
112 100  
114 32.3 24.8 37.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.193 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion:131 Resp: 104035  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.6 142.8  
119 65.2 34.4 103.2

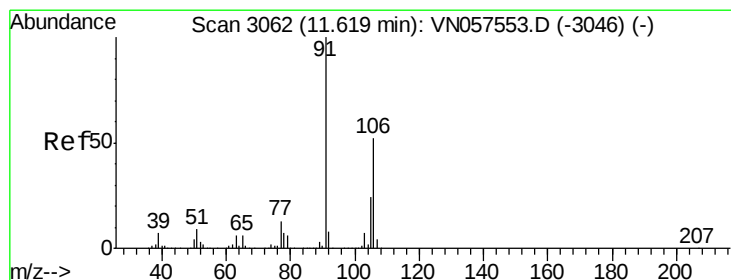
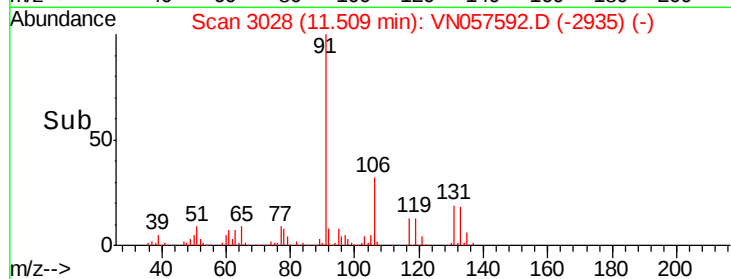
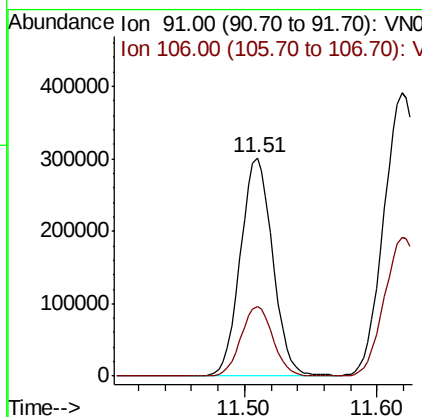
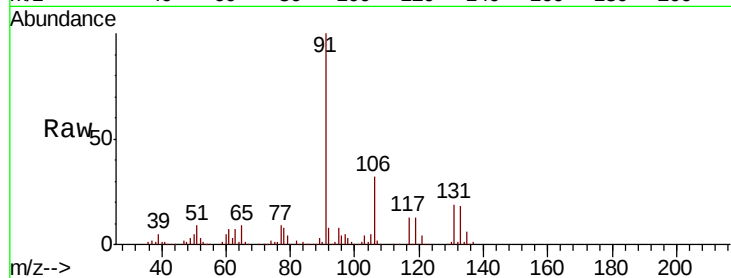




#67  
Ethyl Benzene  
Concen: 20.021 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

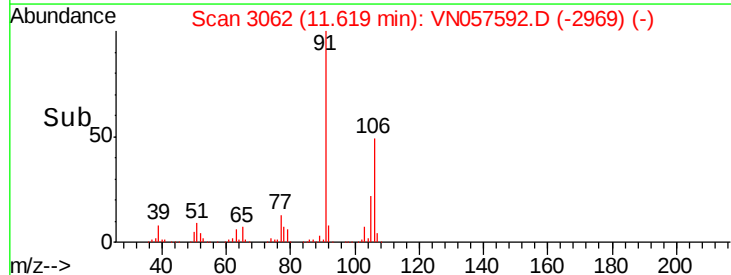
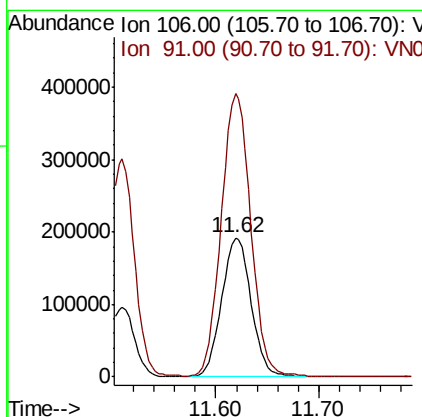
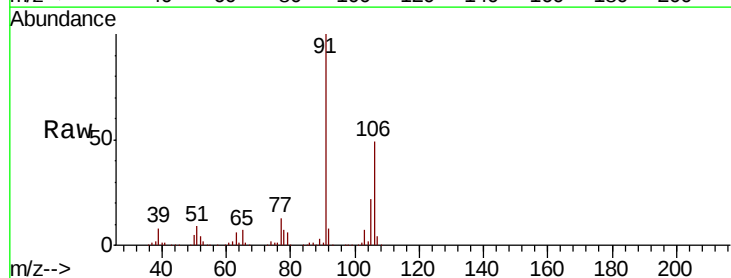
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0831WBS01

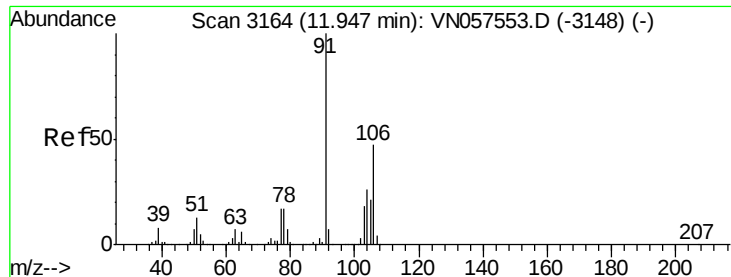
Tgt Ion: 91 Resp: 509783  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.1 36.1



#68  
m/p-Xylenes  
Concen: 39.540 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion: 106 Resp: 383446  
Ion Ratio Lower Upper  
106 100  
91 203.5 171.8 257.6

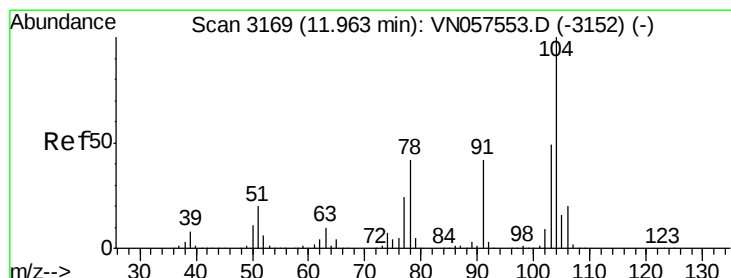
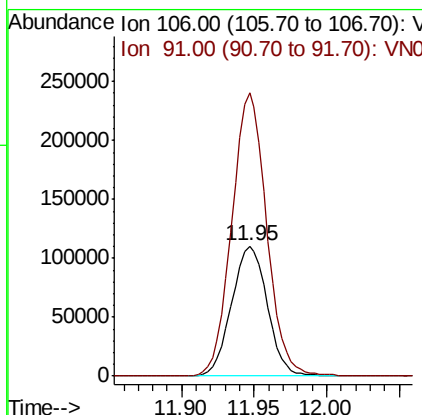
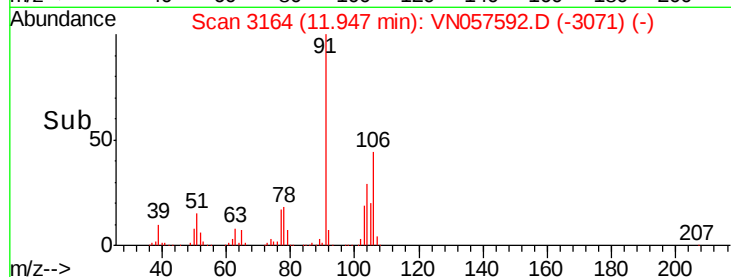
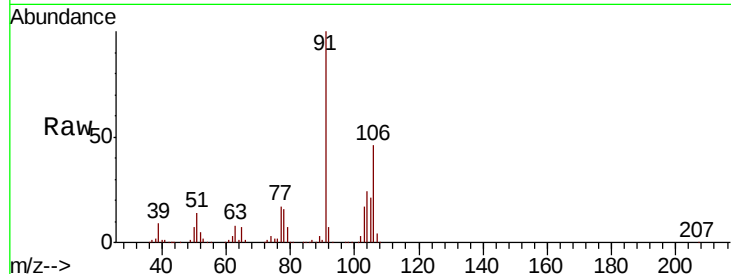




#69  
o-Xylene  
Concen: 19.395 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

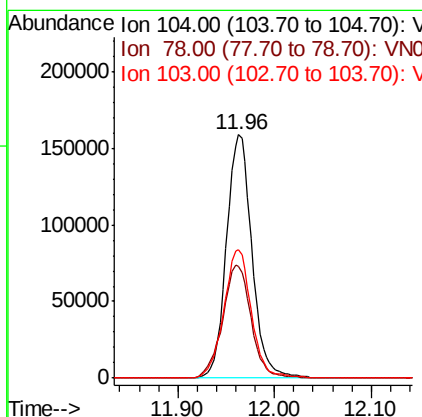
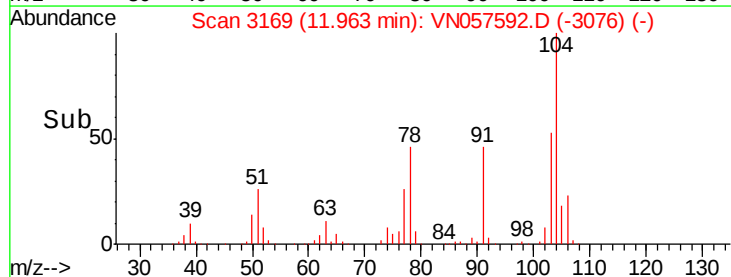
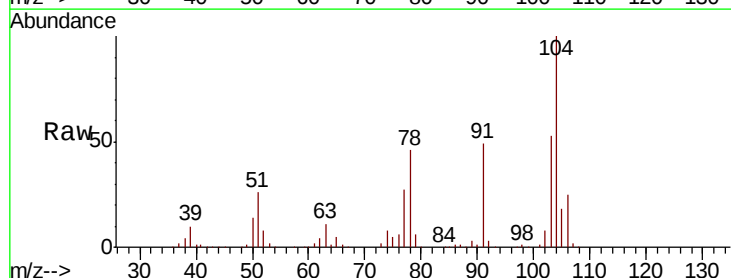
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0831WBS01

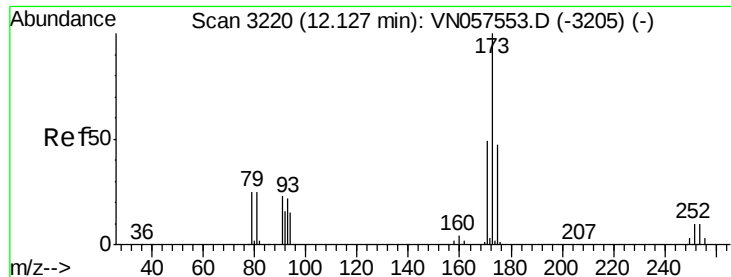
Tgt Ion:106 Resp: 188878  
Ion Ratio Lower Upper  
106 100  
91 212.4 112.3 336.9



#70  
Styrene  
Concen: 19.838 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion:104 Resp: 291617  
Ion Ratio Lower Upper  
104 100  
78 51.8 44.7 67.1  
103 56.9 44.4 66.6

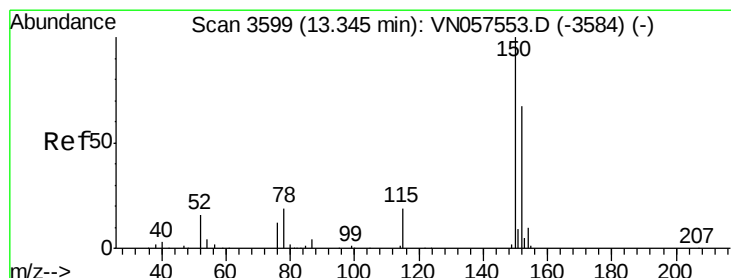
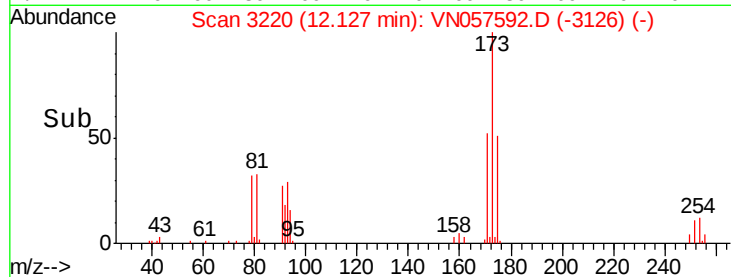
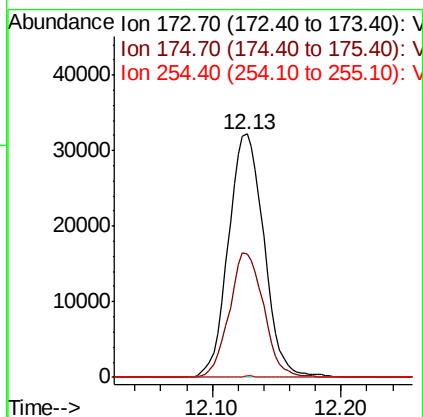
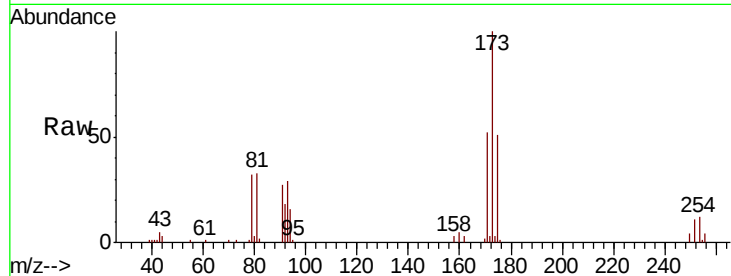




#71  
 Bromoform  
 Concen: 16.122 ug/l  
 RT: 12.13 min Scan# 3220  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

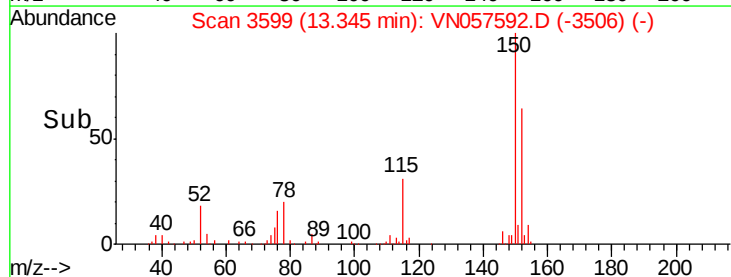
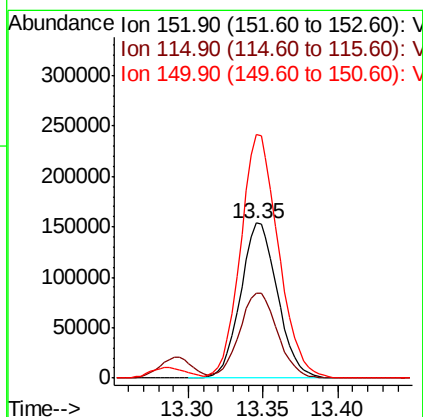
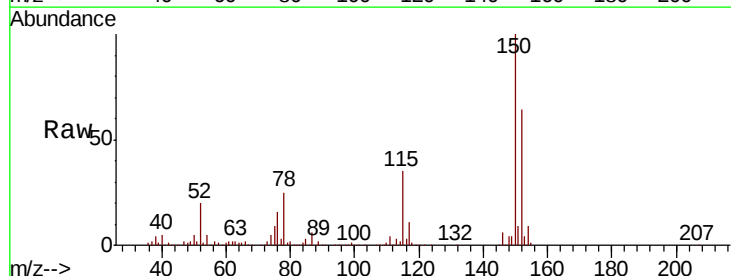
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0831WBS01

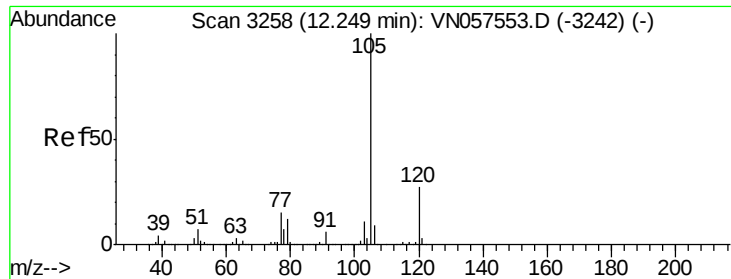
Tgt Ion:173 Resp: 61539  
 Ion Ratio Lower Upper  
 173 100  
 175 49.4 23.9 71.8  
 254 0.1 0.1 0.1#



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.35 min Scan# 3599  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Tgt Ion:152 Resp: 263376  
 Ion Ratio Lower Upper  
 152 100  
 115 56.5 32.0 96.0  
 150 161.2 0.0 346.6





#73

Isopropylbenzene

Concen: 18.032 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

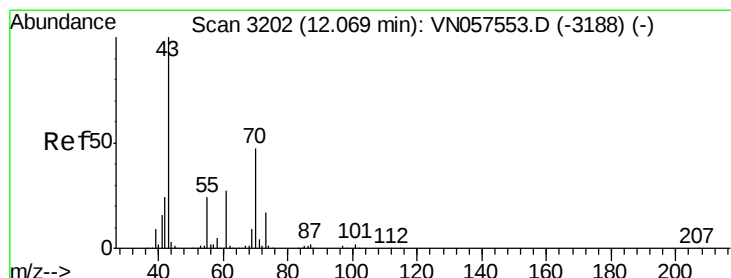
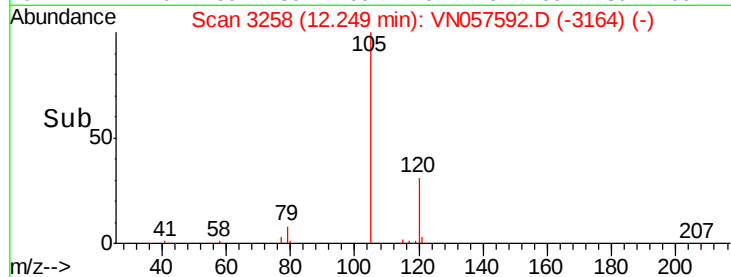
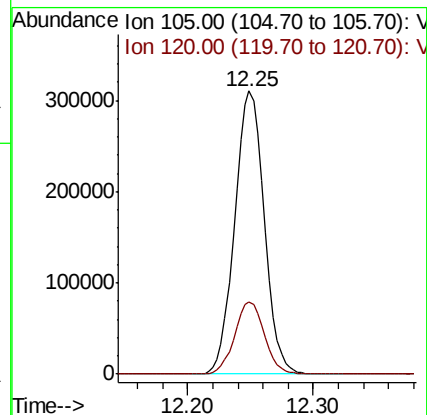
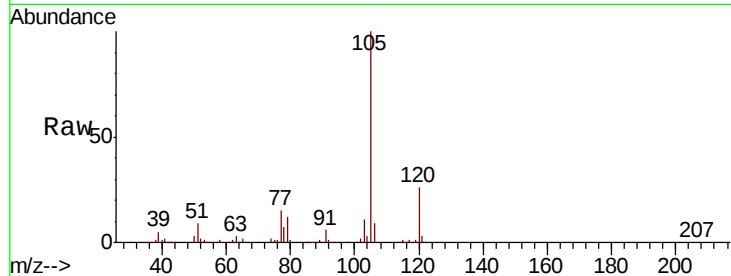
VN0831WBS01

Tgt Ion:105 Resp: 506795

Ion Ratio Lower Upper

105 100

120 25.7 12.7 38.0



#74

N-ethyl acetate

Concen: 22.821 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Tgt Ion: 43 Resp: 139348

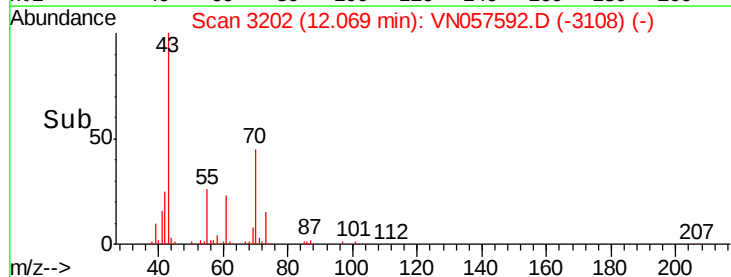
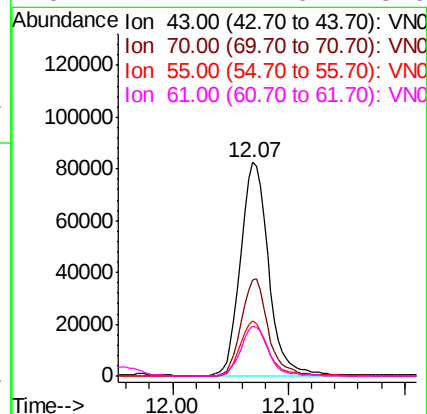
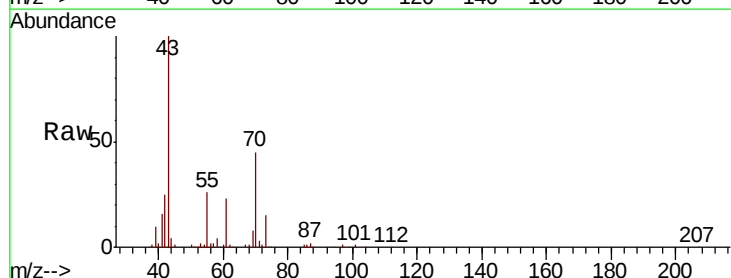
Ion Ratio Lower Upper

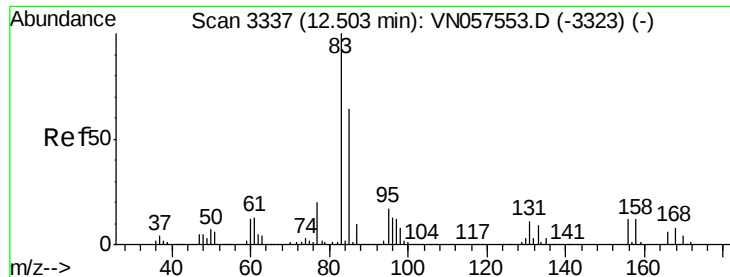
43 100

70 43.2 27.8 41.6#

55 24.6 17.0 25.4

61 22.7 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.673 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0831WBS01

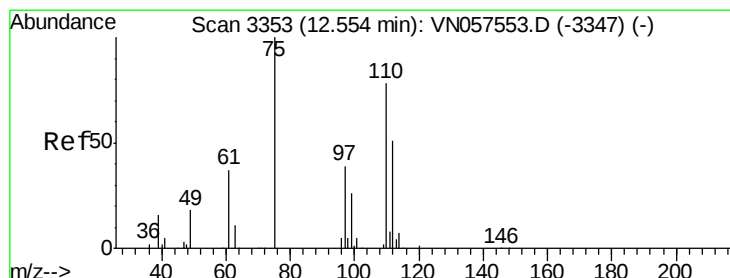
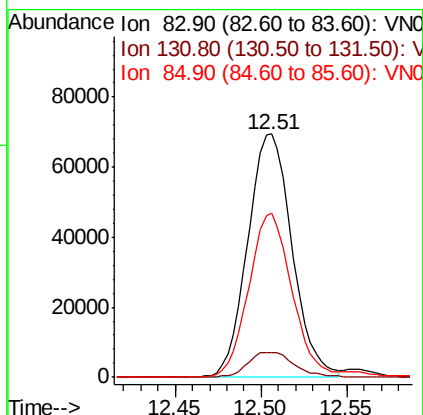
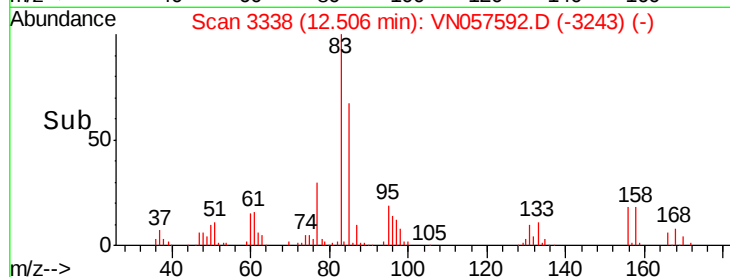
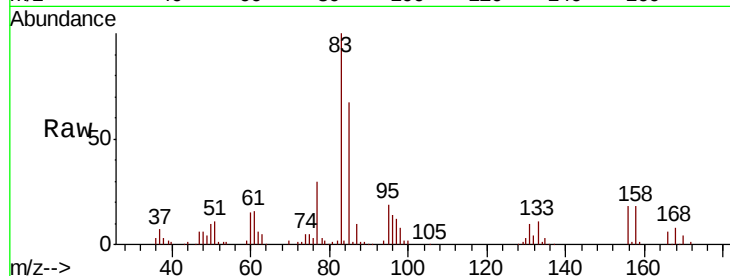
Tgt Ion: 83 Resp: 124568

Ion Ratio Lower Upper

83 100

131 10.8 4.3 13.1

85 65.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 30.045 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057592.D

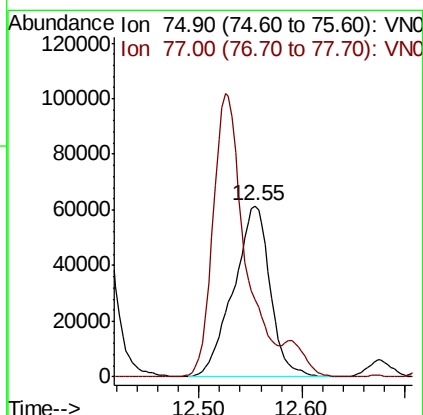
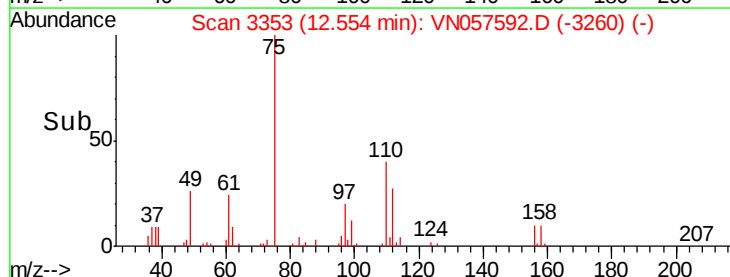
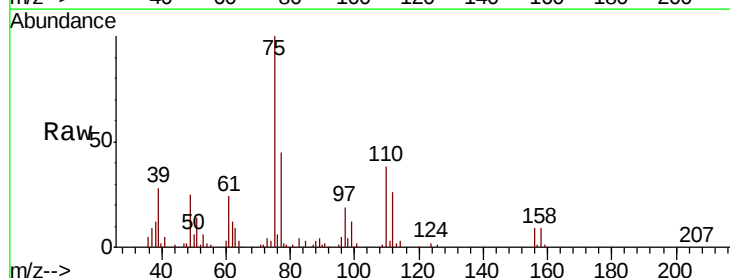
Acq: 30 Aug 2019 17:05

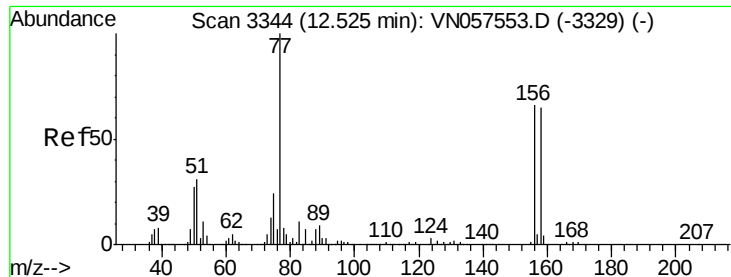
Tgt Ion: 75 Resp: 151918

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.954 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampled :

VN0831WBS01

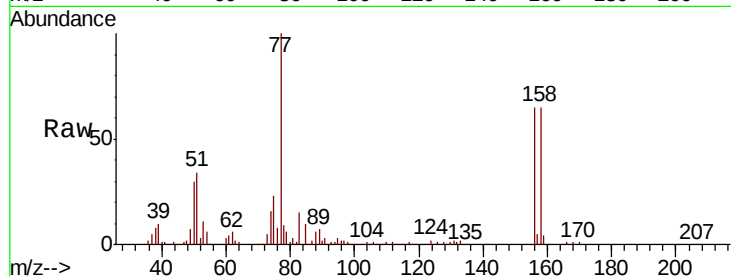
Tgt Ion:156 Resp: 116651

Ion Ratio Lower Upper

156 100

77 186.2 124.4 373.3

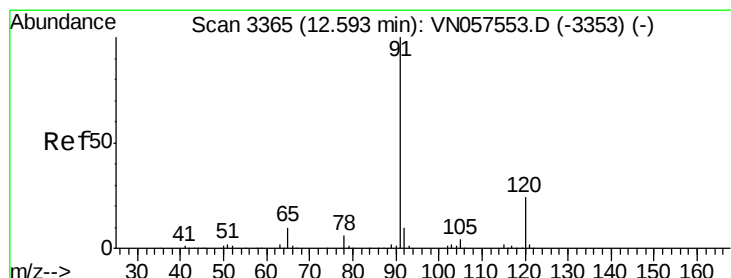
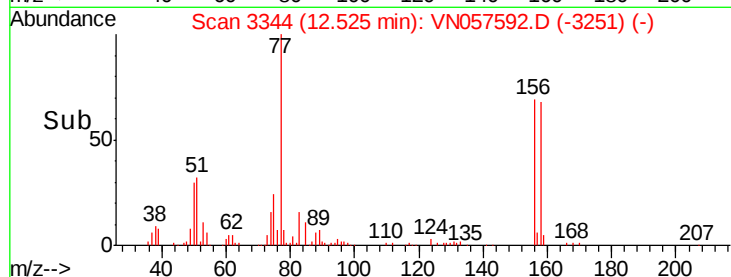
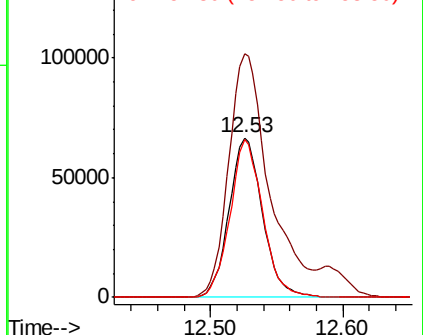
158 97.1 48.3 144.8



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: 18.792 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057592.D

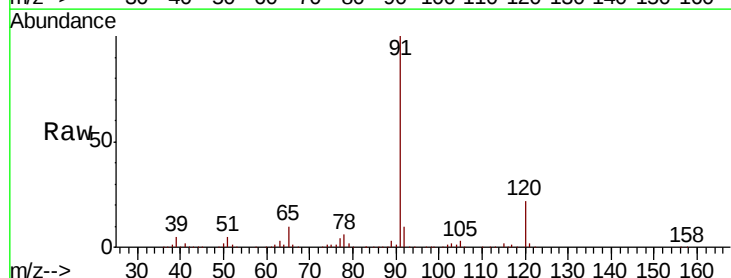
Acq: 30 Aug 2019 17:05

Tgt Ion: 91 Resp: 523221

Ion Ratio Lower Upper

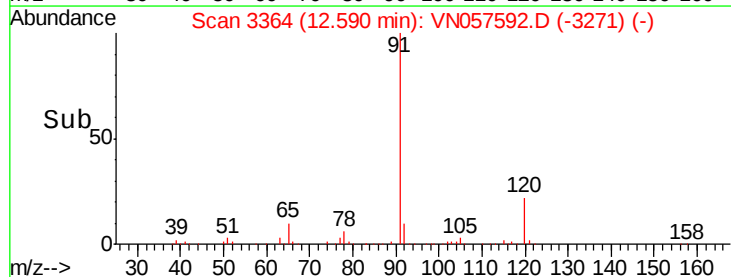
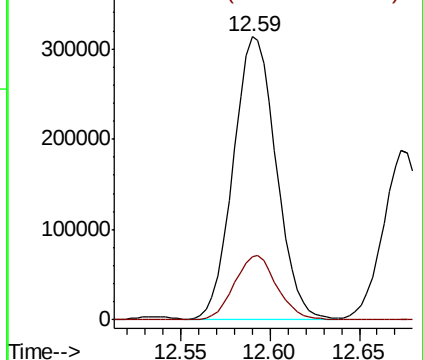
91 100

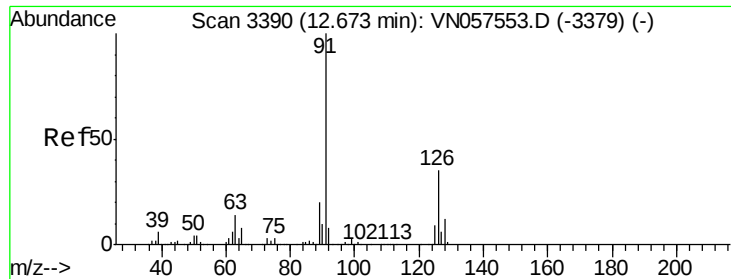
120 22.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.894 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

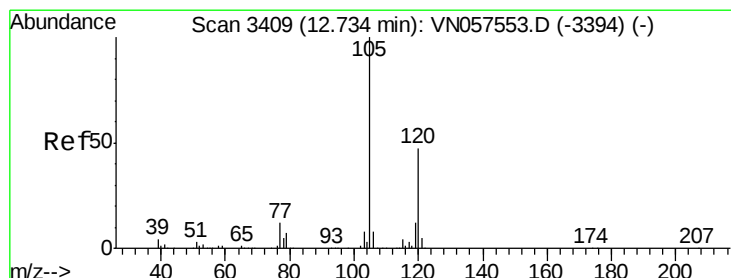
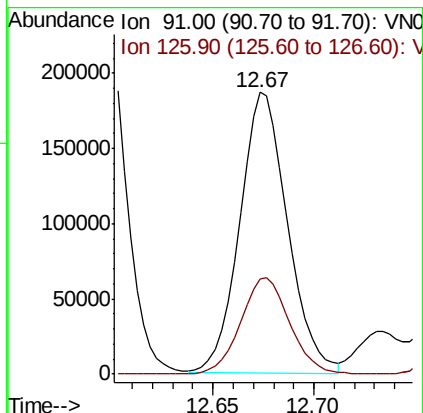
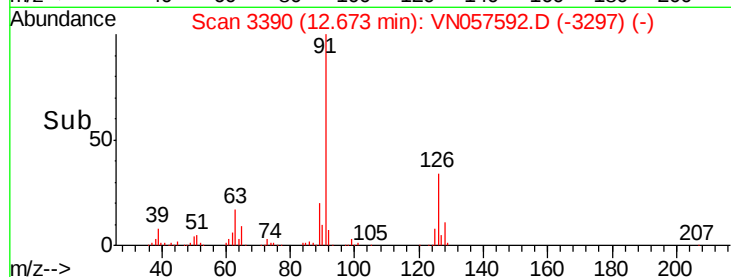
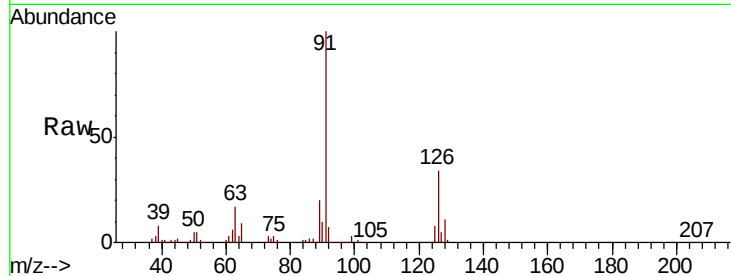
VN0831WBS01

Tgt Ion: 91 Resp: 310328

Ion Ratio Lower Upper

91 100

126 35.3 15.3 45.8



#80

1,3,5-Trimethylbenzene

Concen: 19.078 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057592.D

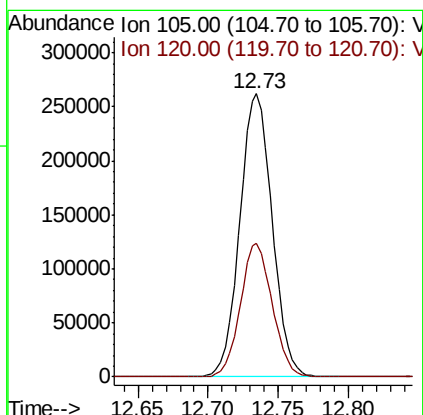
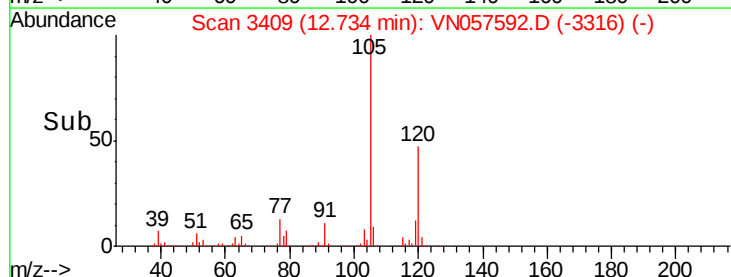
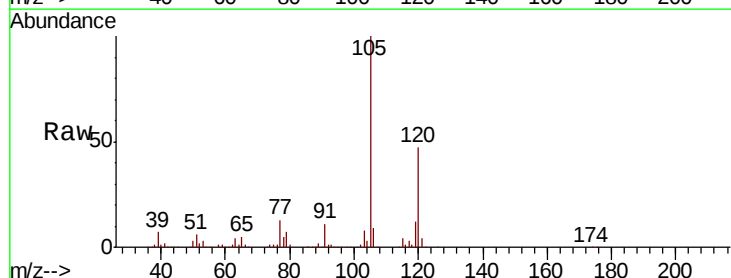
Acq: 30 Aug 2019 17:05

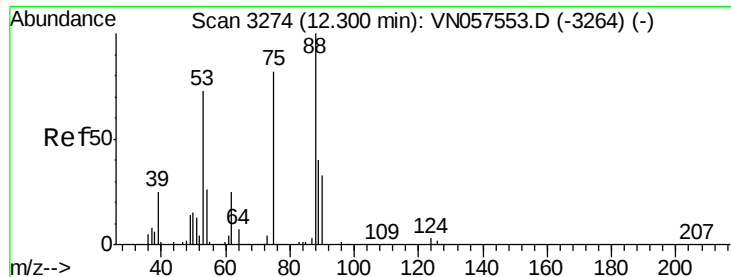
Tgt Ion: 105 Resp: 420765

Ion Ratio Lower Upper

105 100

120 46.5 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.095 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0831WBS01

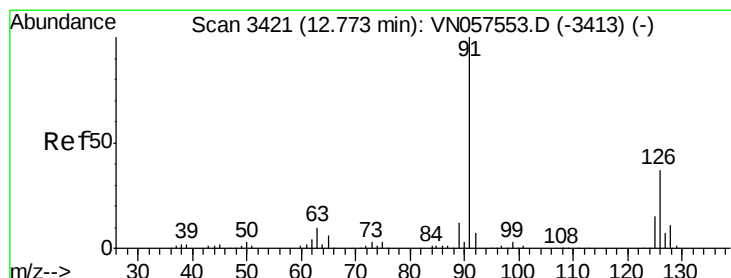
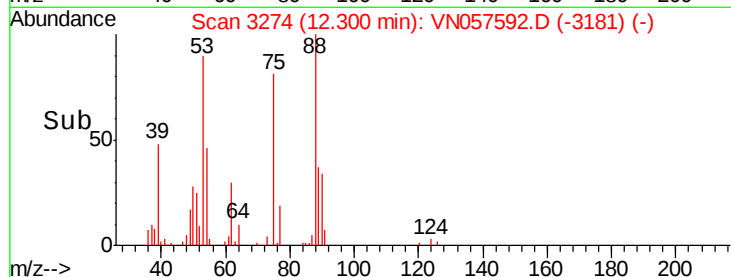
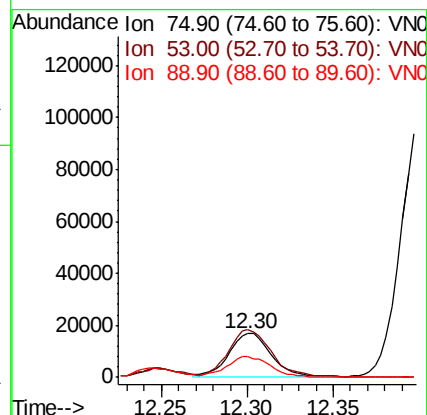
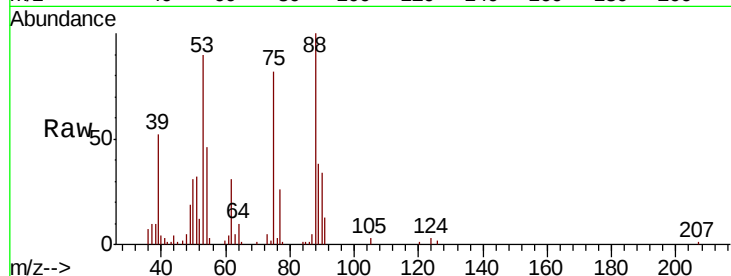
Tgt Ion: 75 Resp: 28192

Ion Ratio Lower Upper

75 100

53 107.1 82.7 124.1

89 50.1 35.8 53.8



#82

4-Chlorotoluene

Concen: 18.458 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057592.D

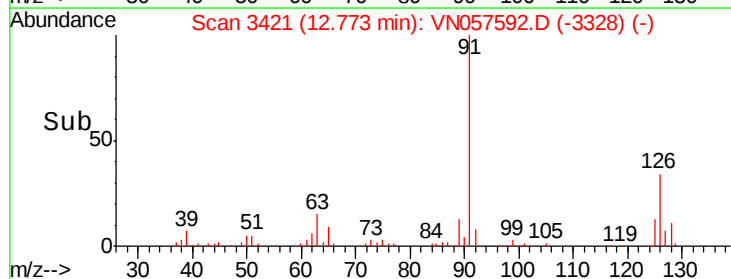
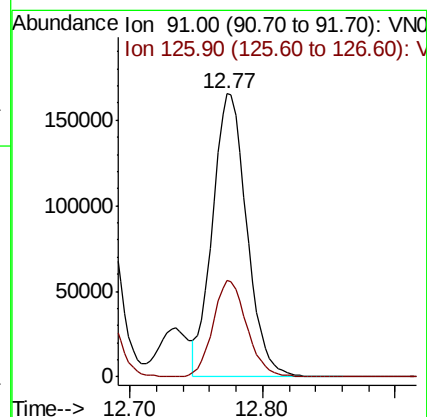
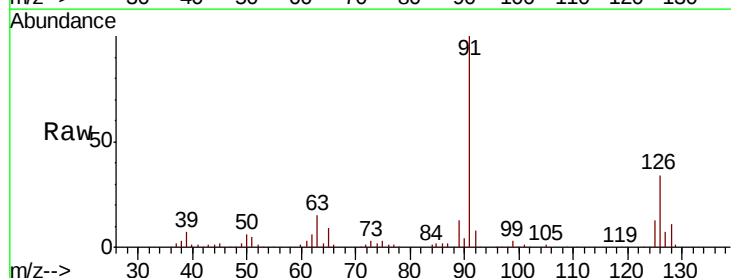
Acq: 30 Aug 2019 17:05

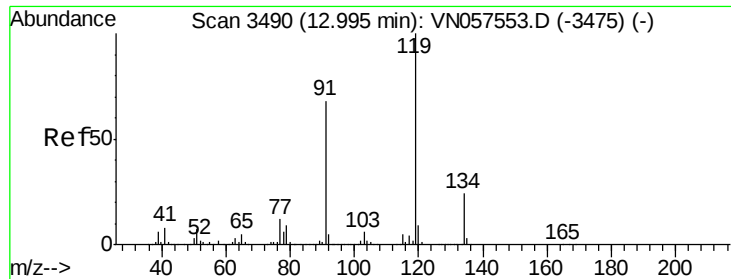
Tgt Ion: 91 Resp: 297011

Ion Ratio Lower Upper

91 100

126 33.6 15.0 45.0

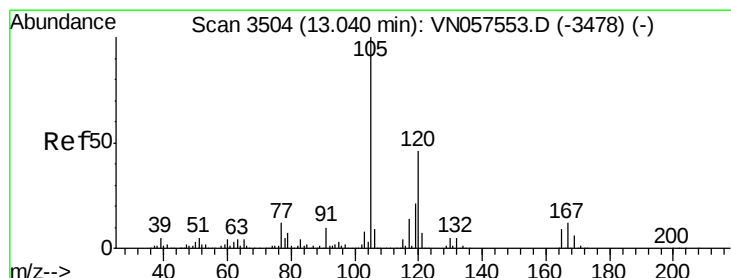
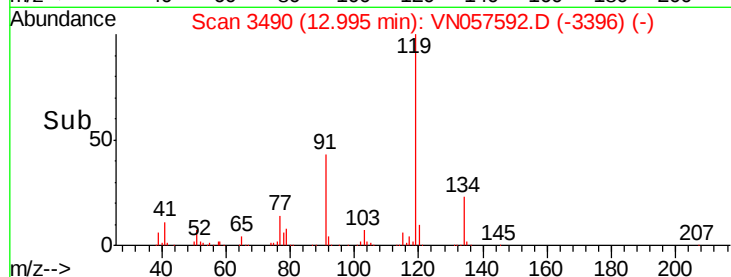
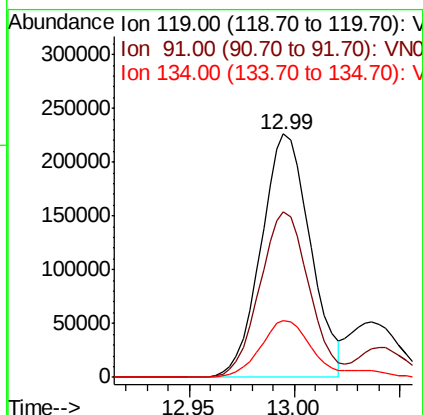
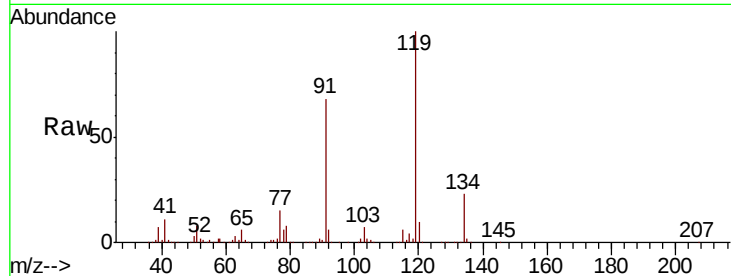




#83  
 tert-Butylbenzene  
 Concen: 19.742 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

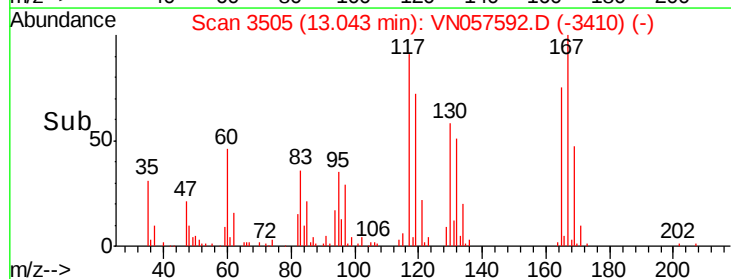
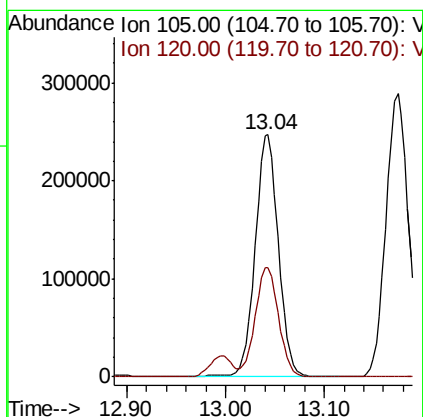
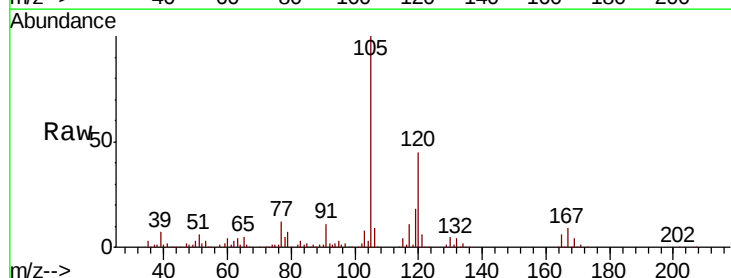
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0831WBS01

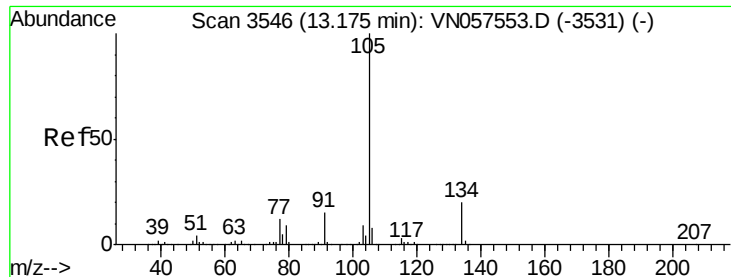
Tgt Ion:119 Resp: 366660  
 Ion Ratio Lower Upper  
 119 100  
 91 68.2 37.0 111.0  
 134 24.2 12.2 36.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.789 ug/l  
 RT: 13.04 min Scan# 3505  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Tgt Ion:105 Resp: 399171  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 21.9 65.7

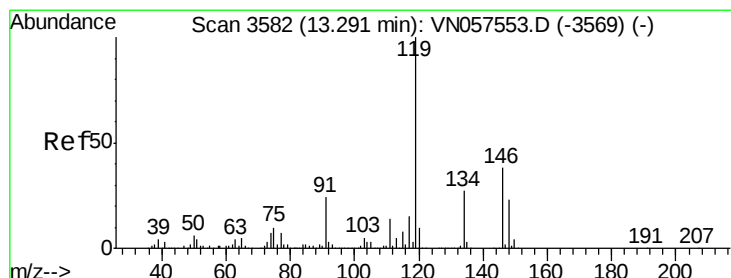
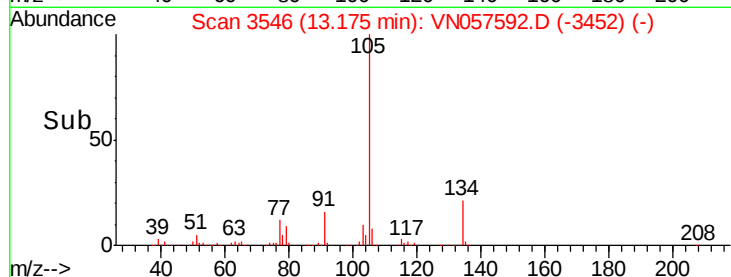
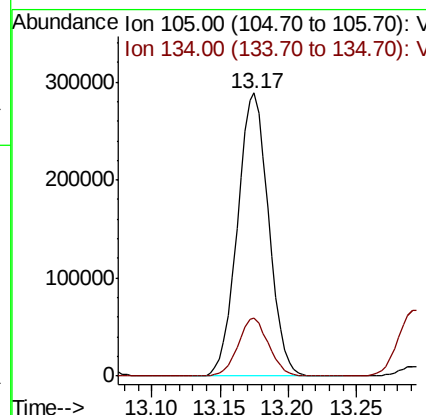
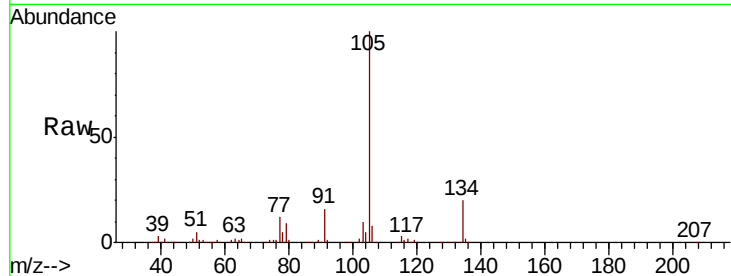




#85  
 sec-Butylbenzene  
 Concen: 18.841 ug/l  
 RT: 13.17 min Scan# 3546  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

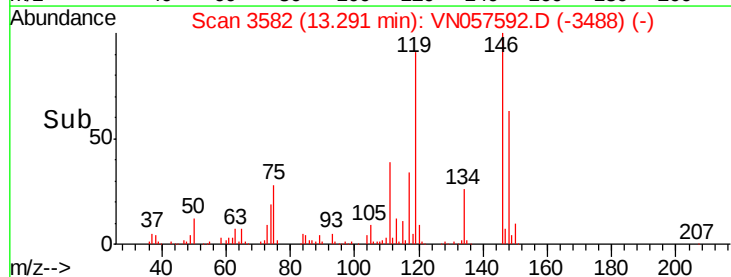
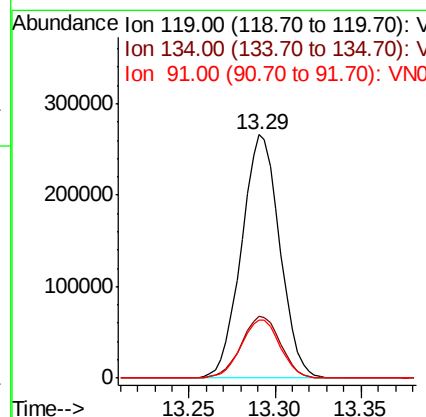
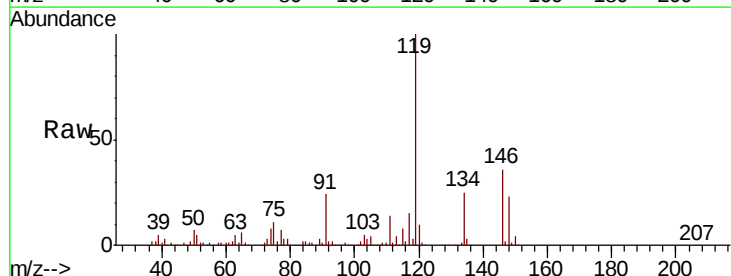
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0831WBS01

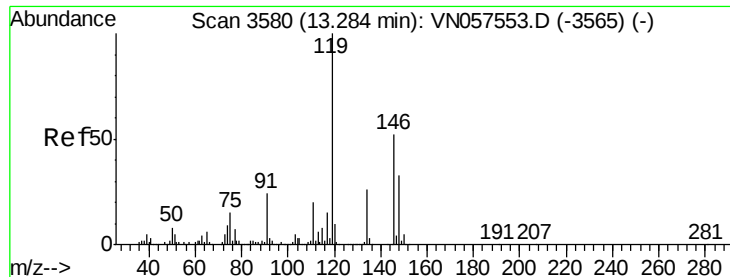
Tgt Ion:105 Resp: 456743  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 9.3 27.9



#86  
 p-Isopropyltoluene  
 Concen: 19.653 ug/l  
 RT: 13.29 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Tgt Ion:119 Resp: 409490  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.7 38.1  
 91 24.6 13.9 41.6





#87

1,3-Dichlorobenzene

Concen: 18.934 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

Instrument :

MSVOA\_N

ClientSampled :

VN0831WBS01

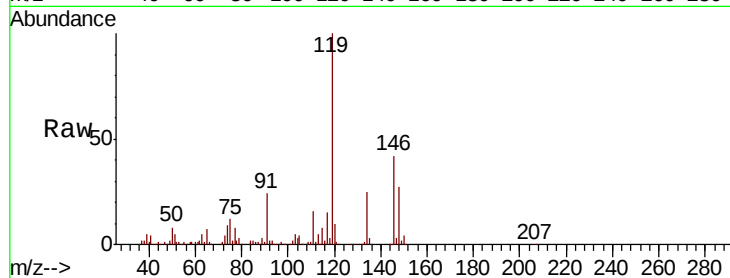
Tgt Ion:146 Resp: 178660

Ion Ratio Lower Upper

146 100

111 38.5 22.1 66.1

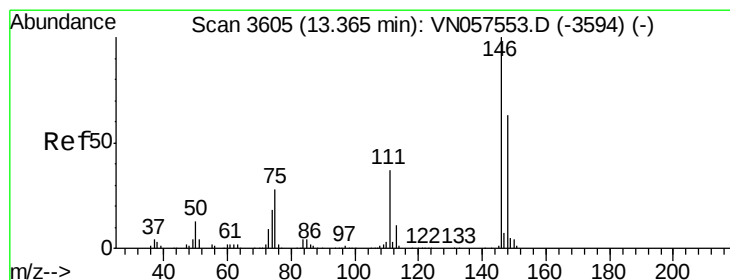
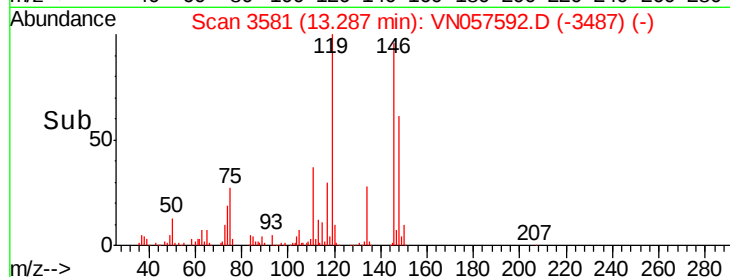
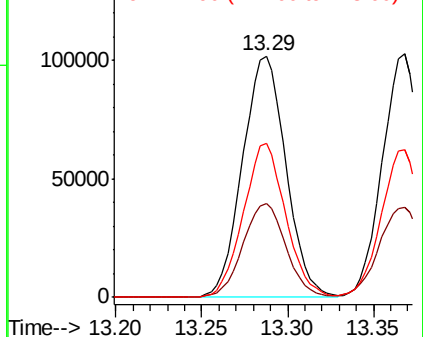
148 62.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.928 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN057592.D

Acq: 30 Aug 2019 17:05

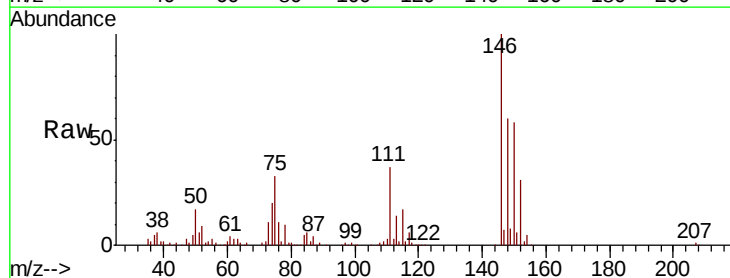
Tgt Ion:146 Resp: 171278

Ion Ratio Lower Upper

146 100

111 40.5 21.9 65.5

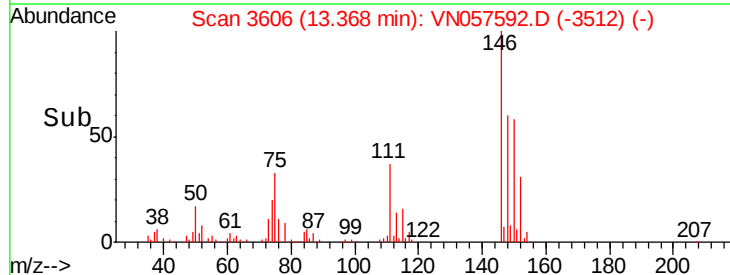
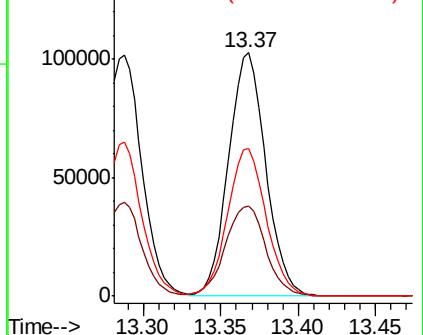
148 63.1 31.1 93.2

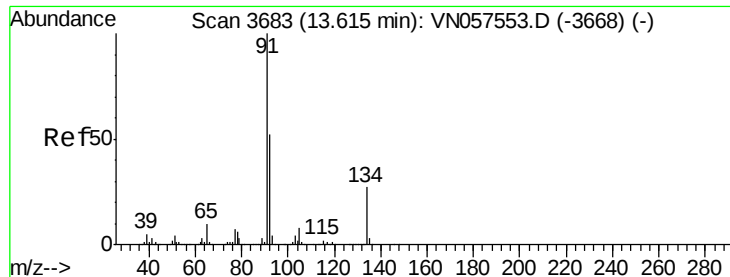


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

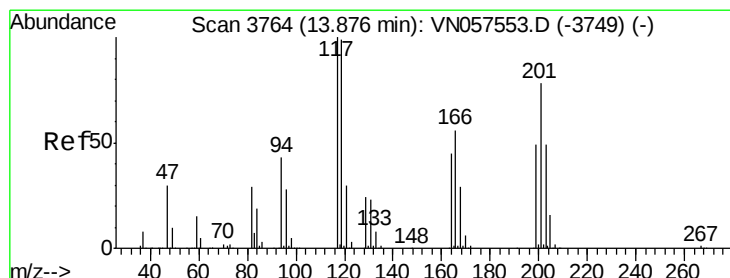
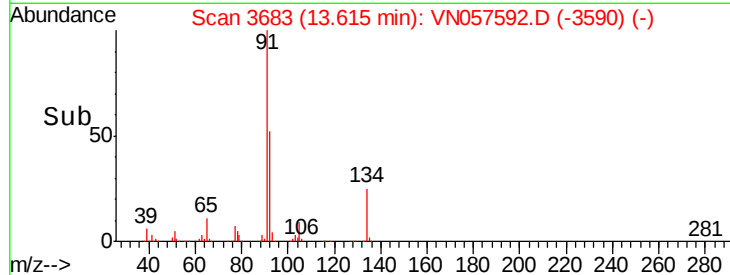
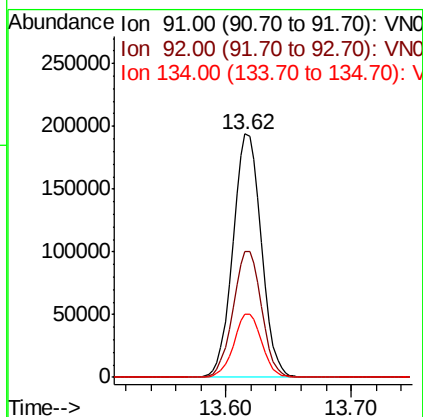
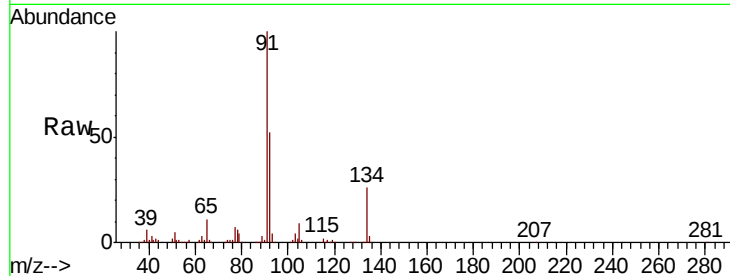




#89  
n-Butylbenzene  
Concen: 19.272 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

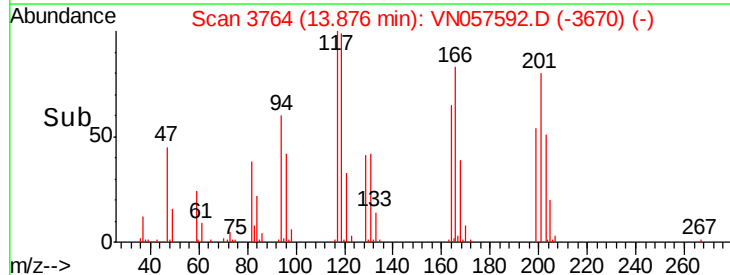
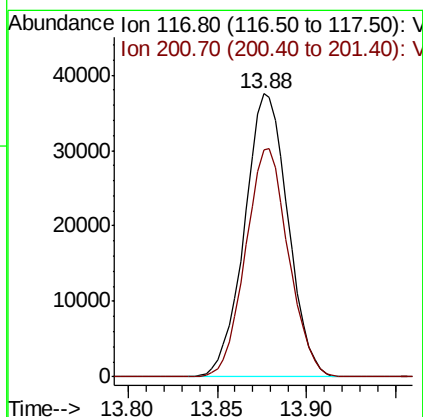
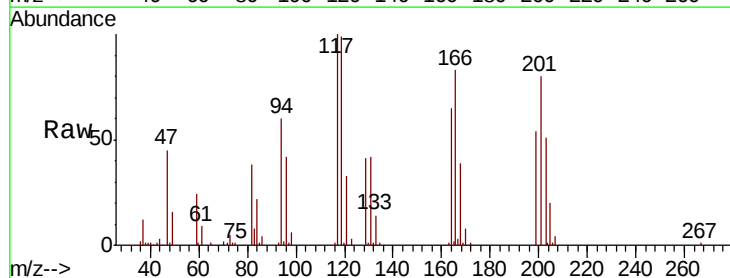
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

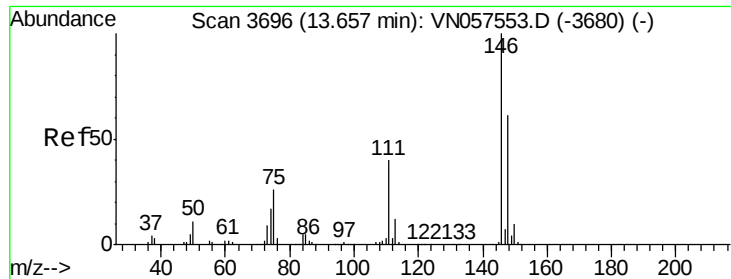
Tgt Ion: 91 Resp: 304196  
Ion Ratio Lower Upper  
91 100  
92 52.0 25.7 77.0  
134 25.6 11.4 34.1



#90  
Hexachloroethane  
Concen: 14.559 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion: 117 Resp: 63837  
Ion Ratio Lower Upper  
117 100  
201 79.6 33.1 99.3

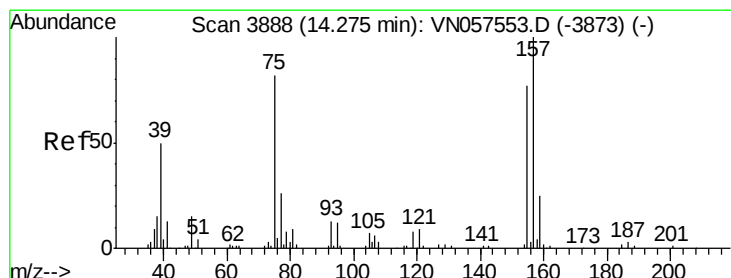
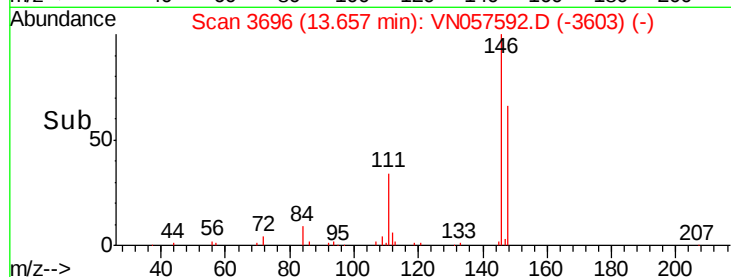
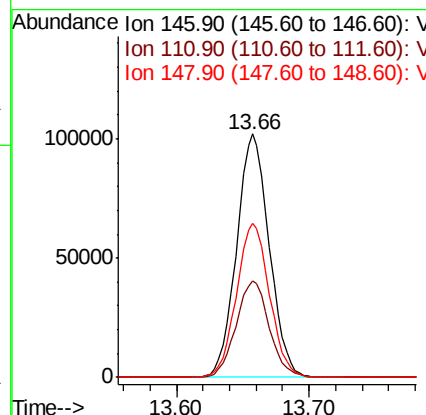
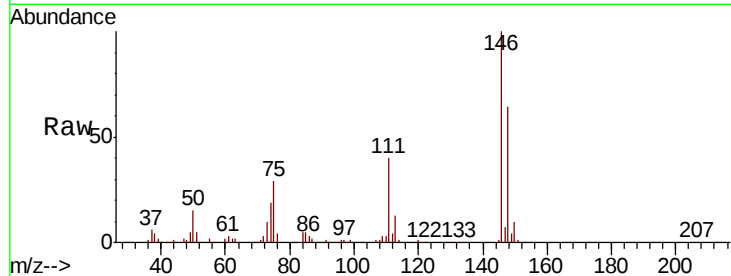




#91  
 1,2-Dichlorobenzene  
 Concen: 19.721 ug/l  
 RT: 13.66 min Scan# 3696  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

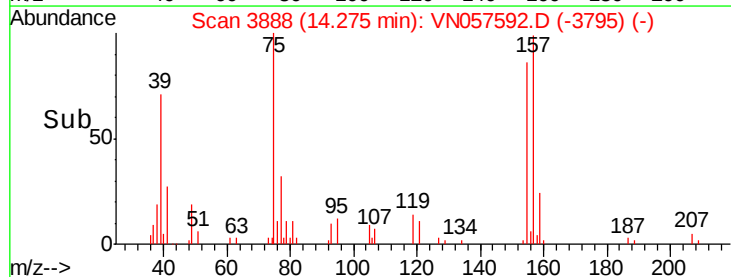
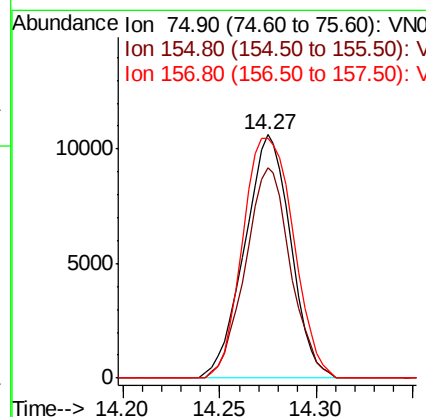
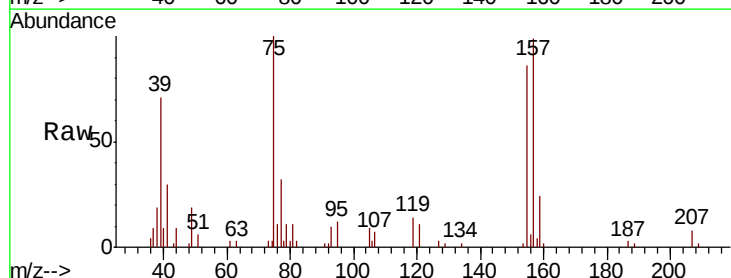
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0831WBS01

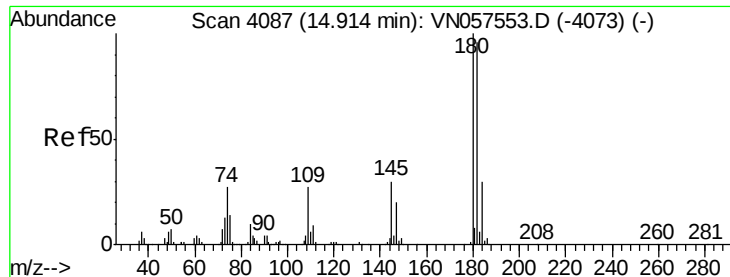
Tgt Ion:146 Resp: 173682  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 23.1 69.2  
 148 64.0 31.8 95.4



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.838 ug/l  
 RT: 14.27 min Scan# 3888  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Tgt Ion: 75 Resp: 17623  
 Ion Ratio Lower Upper  
 75 100  
 155 84.7 31.6 94.7  
 157 108.7 43.3 129.8

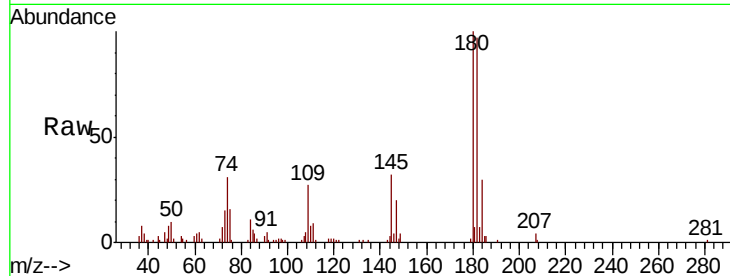




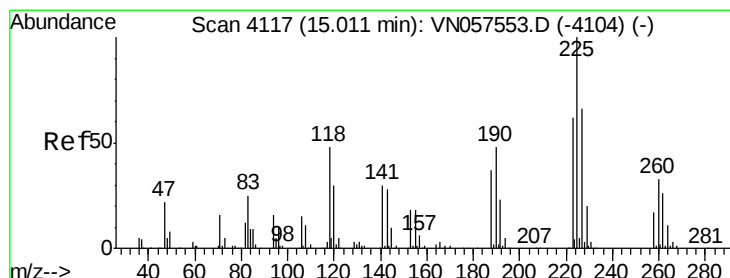
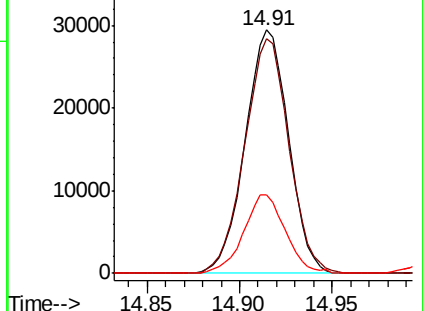
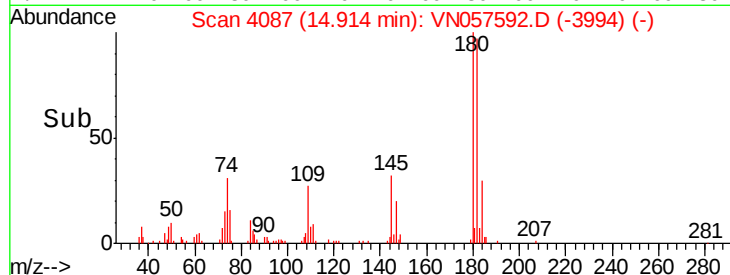
#93  
 1,2,4-Trichlorobenzene  
 Concen: 15.928 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0831WBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.3  | 46.7  | 140.1 |
| 145     | 31.2  | 15.6  | 46.8  |

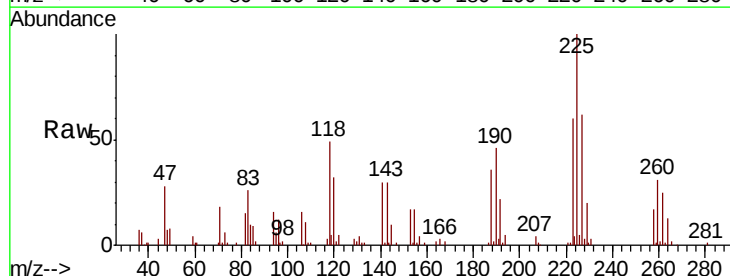


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

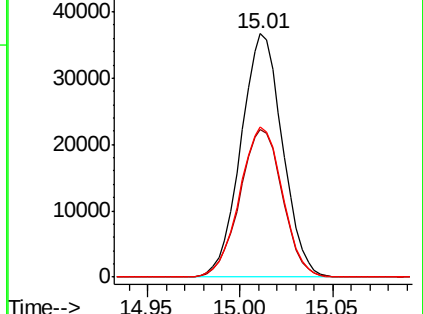
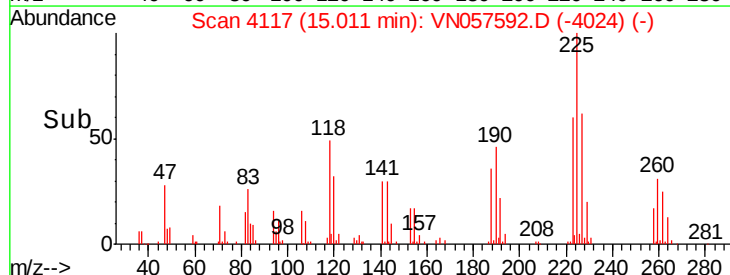


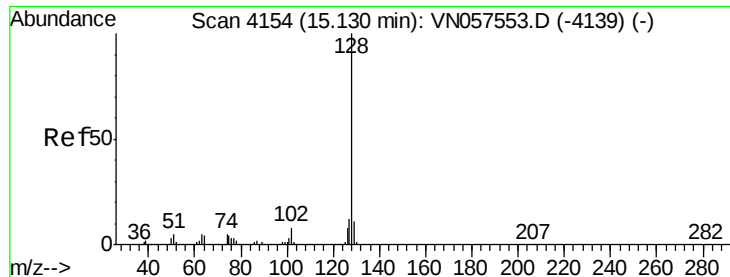
#94  
 Hexachlorobutadiene  
 Concen: 19.654 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN057592.D  
 Acq: 30 Aug 2019 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.2  | 32.0  | 96.2  |
| 227     | 63.5  | 31.5  | 94.5  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

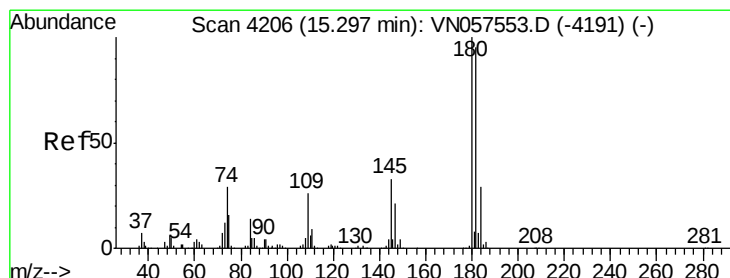
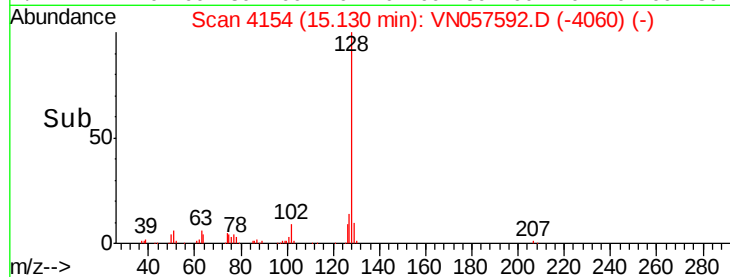
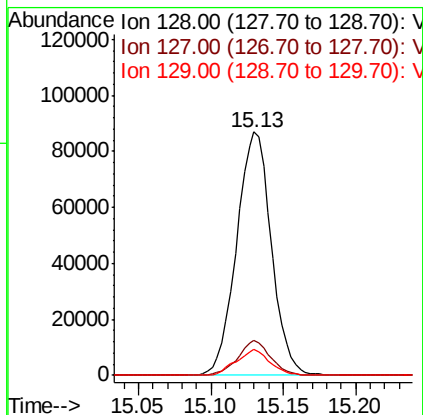
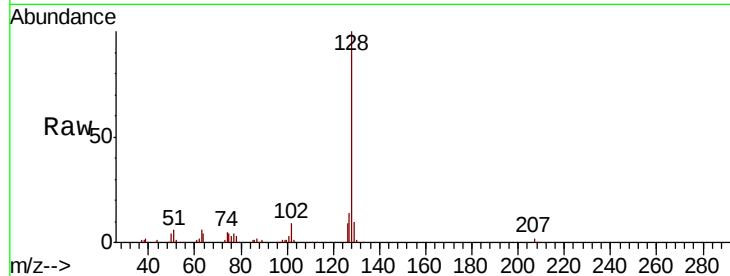




#95  
Naphthalene  
Concen: 16.598 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0831WBS01

Tgt Ion:128 Resp: 144643  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.5 15.7  
129 10.2 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 15.978 ug/l  
RT: 15.30 min Scan# 4206  
Delta R.T. 0.00 min  
Lab File: VN057592.D  
Acq: 30 Aug 2019 17:05

Tgt Ion:180 Resp: 47556  
Ion Ratio Lower Upper  
180 100  
182 96.9 46.7 140.1  
145 31.3 16.8 50.3

