

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101920\  
 Data File : VD067305.D  
 Acq On : 19 Oct 2020 13:29  
 Operator : VA/SY  
 Sample : VD1019SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1019SBS01

Quant Time: Oct 20 01:12:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 19:13:29 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 302969   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 462923   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 426105   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 220636   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 161323   | 53.15 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.30% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 159138   | 51.66 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.32% |      |
| 50) Toluene-d8            | 10.34  | 98  | 579697   | 52.00 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.00% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 205906   | 53.11 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.22% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 55985  | 20.435  | ug/l   | 96     |
| 3) Chloromethane              | 2.21 | 50  | 36698  | 19.247  | ug/l   | 94     |
| 4) Vinyl Chloride             | 2.35 | 62  | 41259  | 19.721  | ug/l   | 99     |
| 5) Bromomethane               | 2.75 | 94  | 31352  | 20.132  | ug/l   | 86     |
| 6) Chloroethane               | 2.91 | 64  | 25493  | 19.566  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 108824 | 20.657  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.70 | 74  | 23734  | 19.689  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 56798  | 20.293  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.30 | 142 | 48401  | 18.746  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.21 | 59  | 22259  | 116.748 | ug/l # | 92     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 51696  | 20.675  | ug/l   | 84     |
| 13) Acrolein                  | 3.92 | 56  | 10714  | 75.607  | ug/l   | 90     |
| 14) Allyl chloride            | 4.70 | 41  | 54943  | 19.187  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.42 | 53  | 40328  | 100.260 | ug/l   | 98     |
| 16) Acetone                   | 4.16 | 43  | 43222  | 101.676 | ug/l   | 90     |
| 17) Carbon Disulfide          | 4.40 | 76  | 140537 | 19.715  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.71 | 43  | 19115  | 19.715  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 98937  | 19.899  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.96 | 84  | 61304  | 19.803  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.48 | 96  | 59878  | 20.809  | ug/l   | 89     |
| 22) Diisopropyl ether         | 6.36 | 45  | 108671 | 20.775  | ug/l   | 93     |
| 23) Vinyl Acetate             | 6.30 | 43  | 300580 | 101.002 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 94019  | 20.997  | ug/l   | 98     |
| 25) 2-Butanone                | 7.21 | 43  | 49562  | 102.282 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 7.20 | 77  | 97548  | 21.136  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 64312  | 20.393  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.54 | 49  | 30362  | 19.880  | ug/l # | 100    |
| 29) Tetrahydrofuran           | 7.56 | 42  | 26088  | 96.852  | ug/l   | 90     |
| 30) Chloroform                | 7.71 | 83  | 111118 | 20.773  | ug/l   | 91     |
| 31) Cyclohexane               | 7.99 | 56  | 70762  | 20.241  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 107479 | 20.479  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 78466  | 19.999  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.29 | 43  | 23097  | 20.008  | ug/l # | 93     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 102017 | 20.344  | ug/l   | 96     |

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 Operator : VA/SY  
 Sample : VD1019SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1019SBS01

Quant Time: Oct 20 01:12:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 19:13:29 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 76572    | 18.668  | ug/l   | 98       |
| 40) Benzene                    | 8.36  | 78   | 214891   | 19.964  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.52  | 41   | 10517    | 16.859  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 68416    | 20.310  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.45  | 43   | 46487    | 20.295  | ug/l   | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 71049    | 20.616  | ug/l   | 88       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 49657    | 19.906  | ug/l   | 93       |
| 46) Dibromomethane             | 9.48  | 93   | 31522    | 20.281  | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.67  | 83   | 83422    | 20.033  | ug/l   | 93       |
| 48) Methyl methacrylate        | 9.46  | 41   | 20637    | 18.539  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 6247     | 397.013 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 113720   | 99.538  | ug/l   | 99       |
| 52) Toluene                    | 10.41 | 92   | 152751   | 20.835  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 74969    | 20.494  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 85242    | 19.911  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 43857    | 20.692  | ug/l   | 93       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 44537    | 20.261  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 68842    | 20.410  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 115193   | 102.155 | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.99 | 43   | 78733    | 100.850 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 63783    | 20.635  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 43662    | 20.896  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.88 | 164  | 62751    | 20.326  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.67 | 112  | 170108   | 20.818  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 67034    | 20.642  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 284053   | 20.280  | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.86 | 106  | 224792   | 41.676  | ug/l   | 100      |
| 69) o-Xylene                   | 12.18 | 106  | 101168   | 20.255  | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 182826   | 21.264  | ug/l   | 100      |
| 71) Bromoform                  | 12.37 | 173  | 34751    | 19.919  | ug/l # | 94       |
| 73) Isopropylbenzene           | 12.48 | 105  | 286520   | 20.461  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 42199    | 19.953  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 42570    | 19.841  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 59784    | 39.095  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 70943    | 20.321  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 332539   | 20.496  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 191284   | 20.330  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 251302   | 20.652  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 13387    | 19.852  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 206800   | 20.709  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 211478   | 20.574  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 248344   | 20.649  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 284194   | 20.150  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 279803   | 21.018  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 139099   | 20.701  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 139462   | 20.948  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 236741   | 20.214  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.12 | 117  | 48218    | 20.756  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 123596   | 21.055  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 7440     | 19.087  | ug/l   | 90       |

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Data File : VD067305.D  
Acq On : 19 Oct 2020 13:29  
Operator : VA/SY  
Sample : VD1019SBS01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

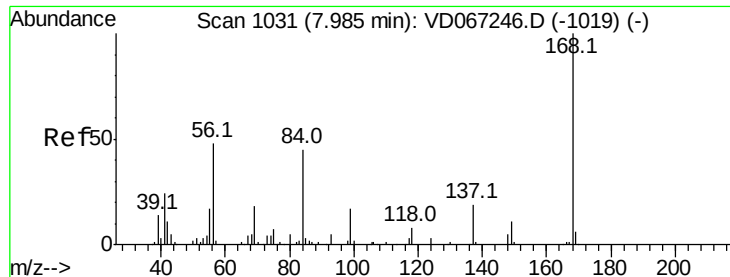
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

Quant Time: Oct 20 01:12:52 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 19 19:13:29 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 80922    | 20.446 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 51398    | 20.913 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 127151   | 19.568 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 68066    | 19.907 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

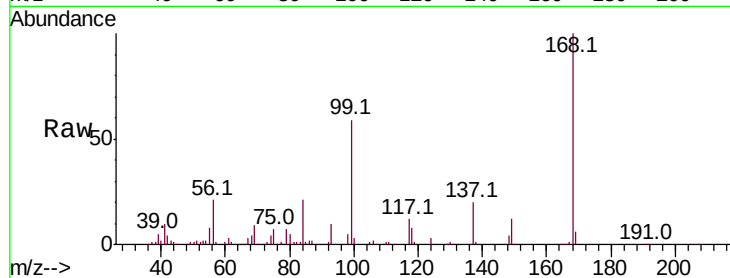
VD1019SBS01

Tot Ion:168 Resp: 302969

Ion Ratio Lower Upper

168 100

99 58.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

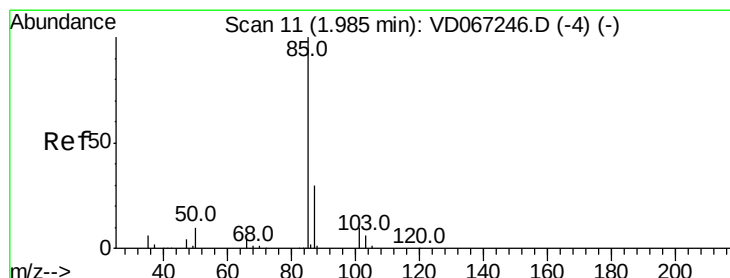
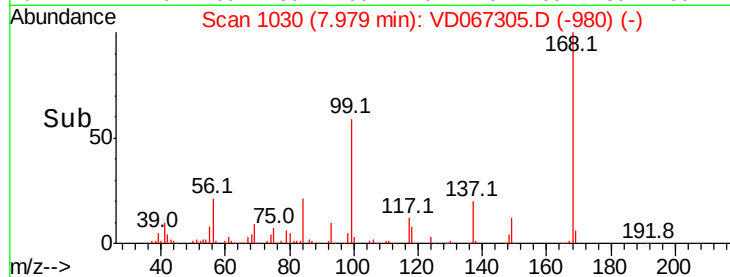
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.435 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067305.D

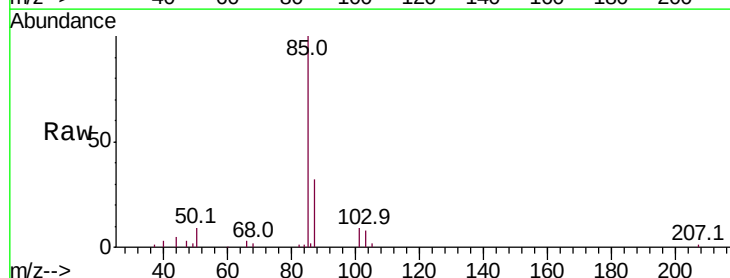
Acq: 19 Oct 2020 13:29

Tgt Ion: 85 Resp: 55985

Ion Ratio Lower Upper

85 100

87 32.4 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

30000

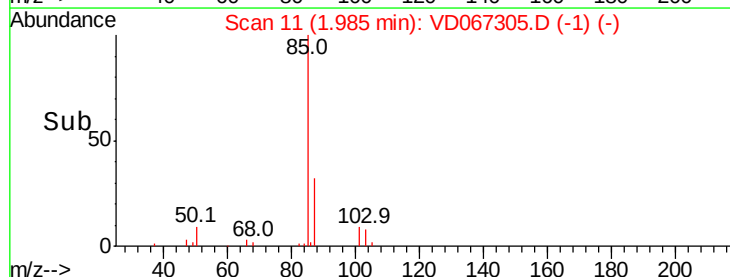
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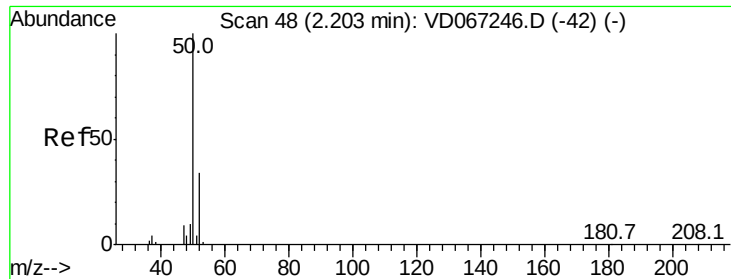
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.247 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

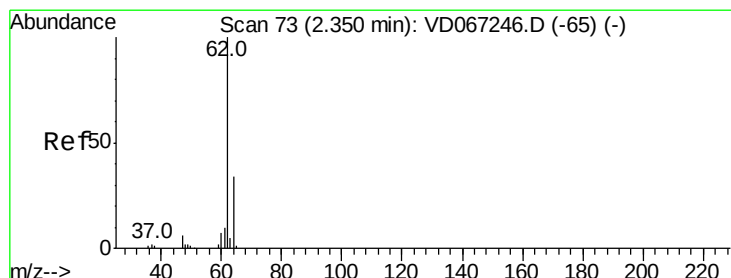
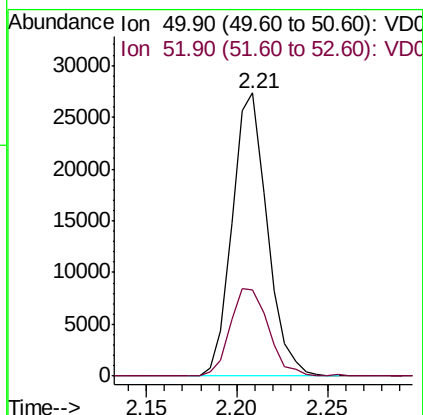
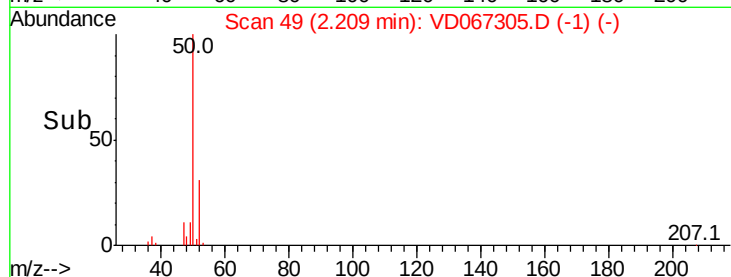
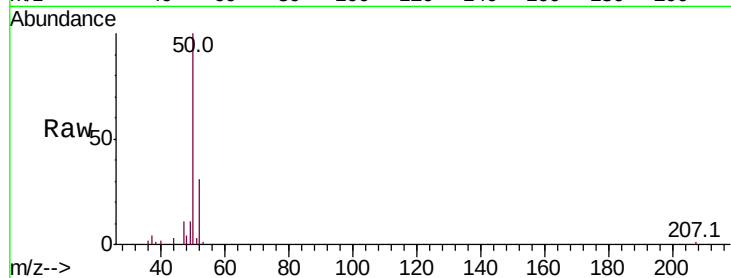
VD1019SBS01

Tot Ion: 50 Resp: 36698

Ion Ratio Lower Upper

50 100

52 30.6 27.1 40.7



#4

Vinyl Chloride

Concen: 19.721 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067305.D

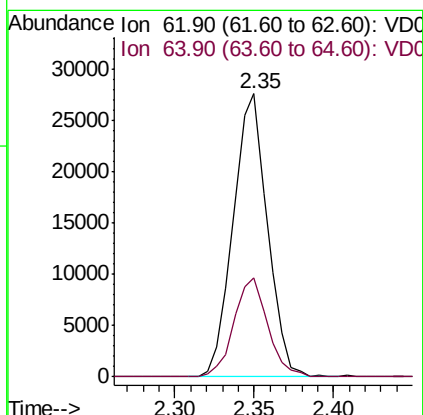
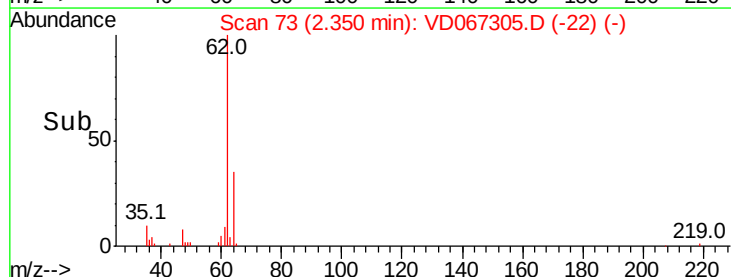
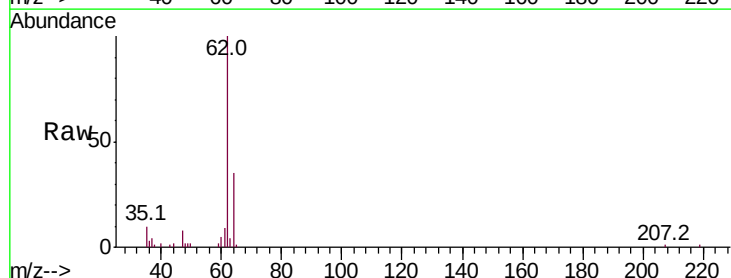
Acq: 19 Oct 2020 13:29

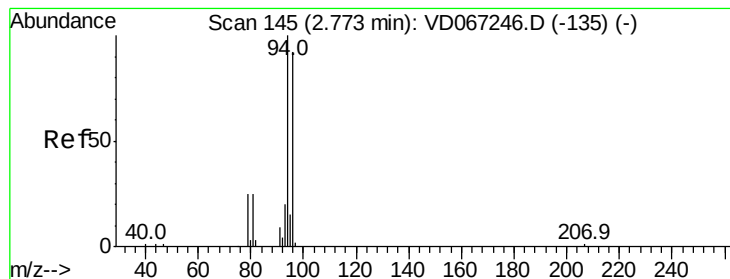
Tgt Ion: 62 Resp: 41259

Ion Ratio Lower Upper

62 100

64 34.9 27.4 41.0





#5

Bromomethane

Concen: 20.132 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

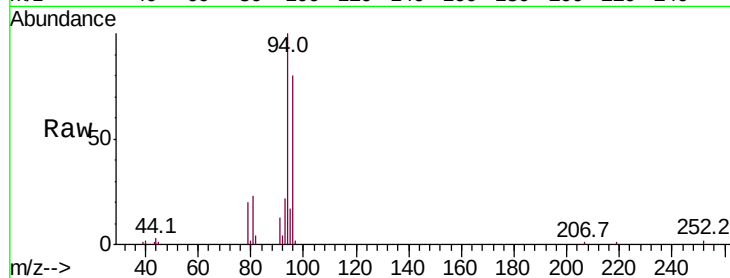
VD1019SBS01

Tot Ion: 94 Resp: 31352

Ion Ratio Lower Upper

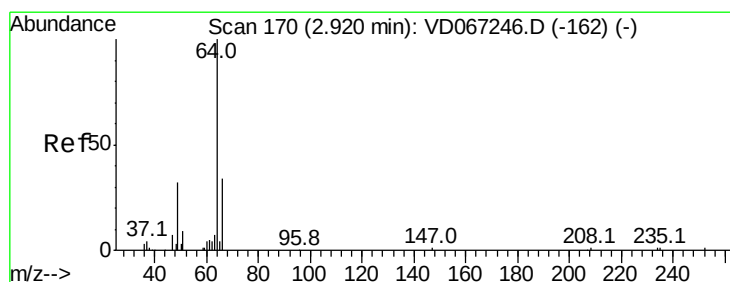
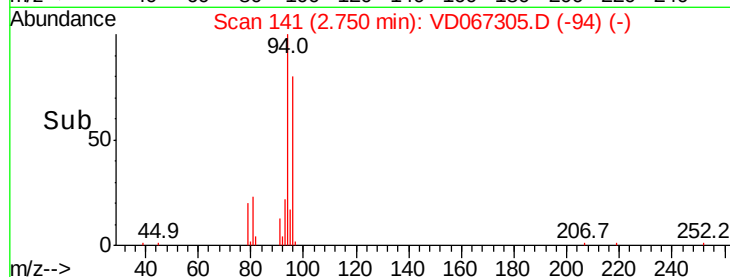
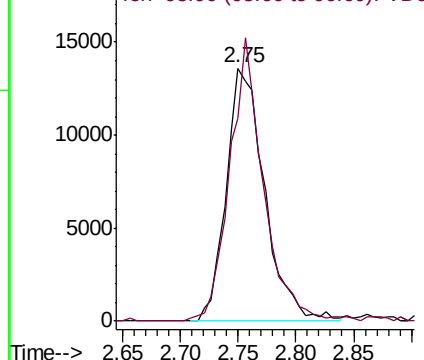
94 100

96 78.9 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.566 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067305.D

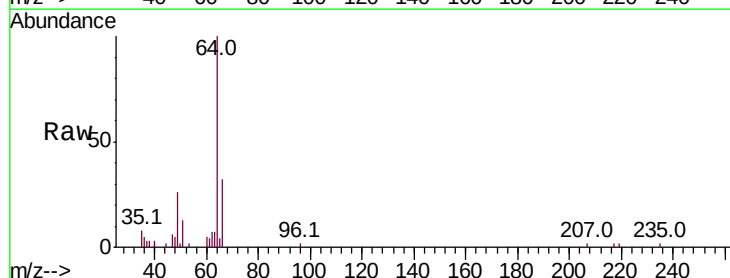
Acq: 19 Oct 2020 13:29

Tgt Ion: 64 Resp: 25493

Ion Ratio Lower Upper

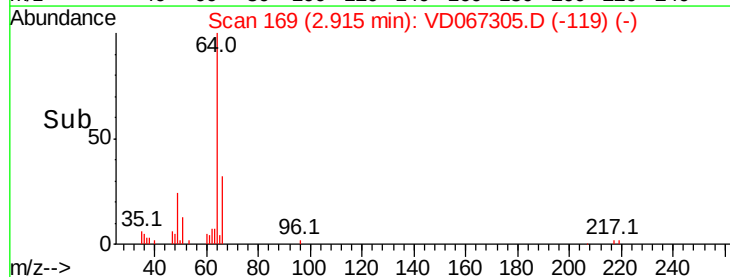
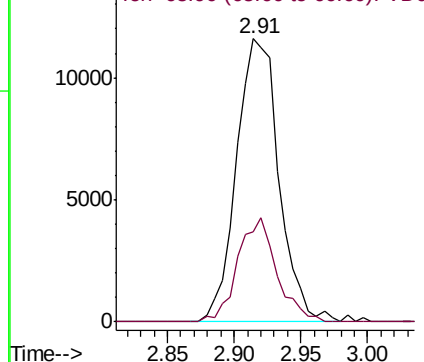
64 100

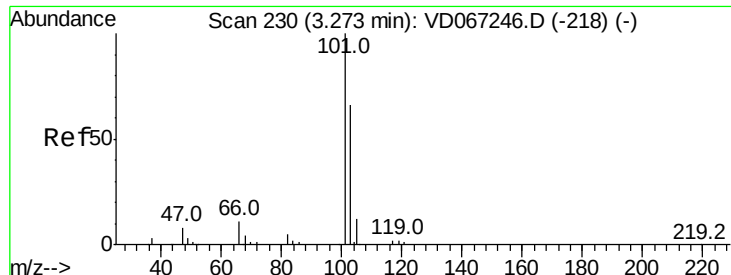
66 31.8 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 20.657 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

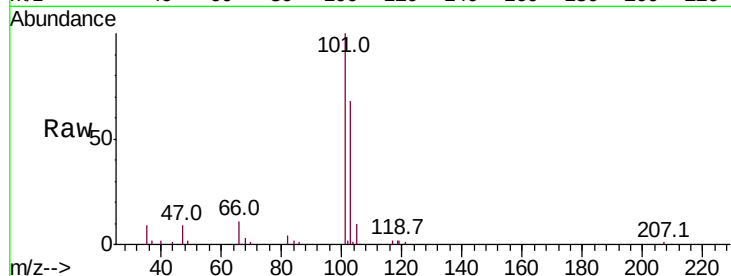
VD1019SBS01

Tot Ion:101 Resp: 108824

Ion Ratio Lower Upper

101 100

103 67.9 53.1 79.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

50000

40000

30000

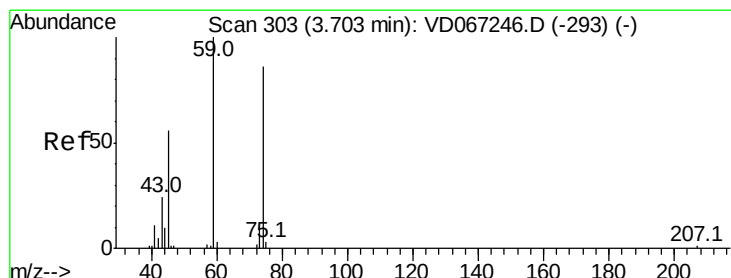
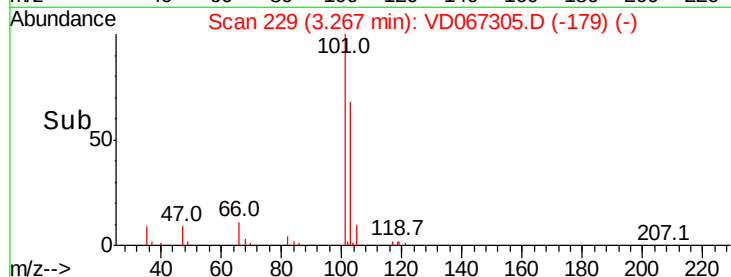
20000

10000

0

Time-->

3.20 3.30 3.40



#8

Diethyl Ether

Concen: 19.689 ug/l

RT: 3.70 min Scan# 303

Delta R.T. 0.00 min

Lab File: VD067305.D

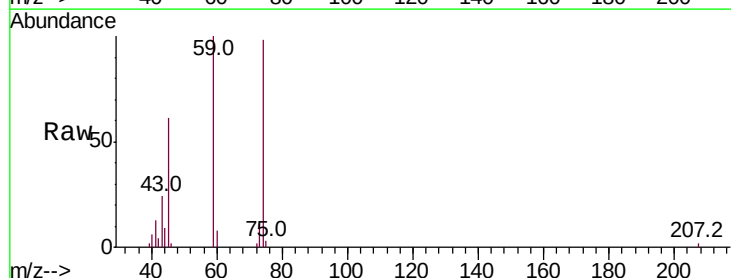
Acq: 19 Oct 2020 13:29

Tgt Ion: 74 Resp: 23734

Ion Ratio Lower Upper

74 100

45 75.1 37.0 111.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.70

12000

10000

8000

6000

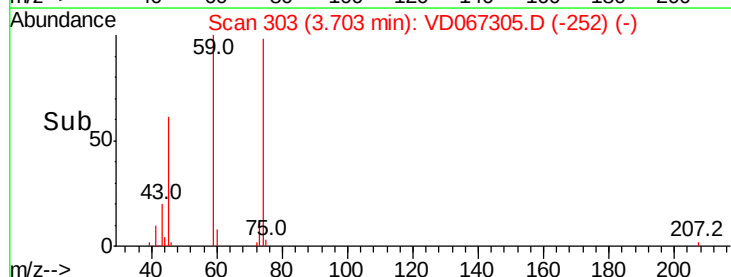
4000

2000

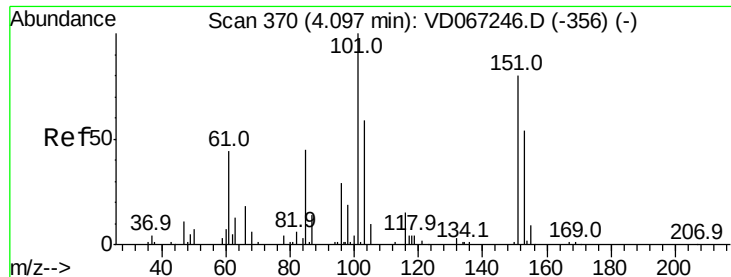
0

Time-->

3.60 3.65 3.70 3.75 3.80







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.293 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

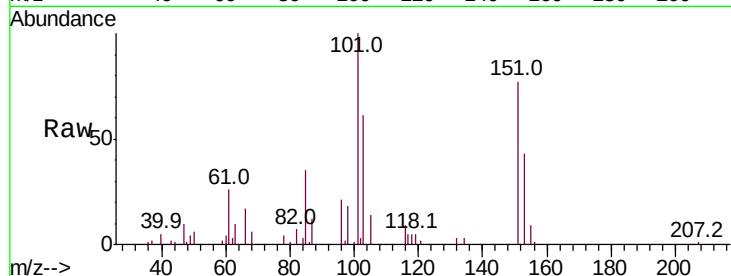
Tot Ion:101 Resp: 56798

Ion Ratio Lower Upper

101 100

85 41.5 34.2 51.4

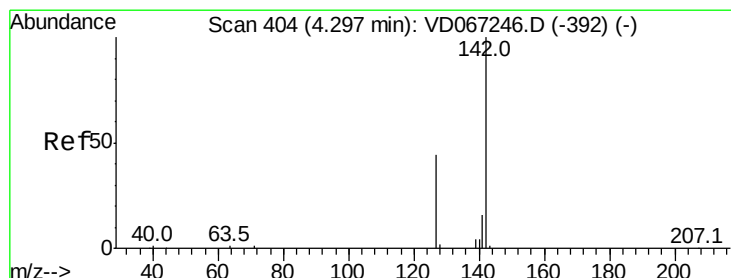
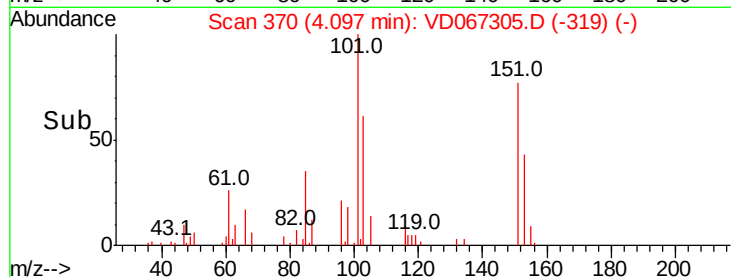
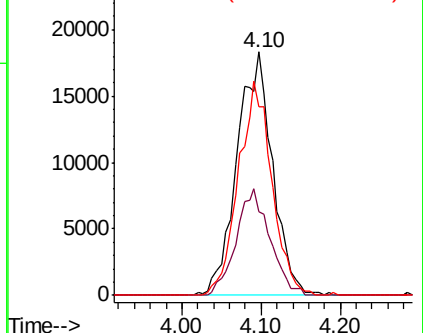
151 83.1 66.3 99.5



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: 18.746 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

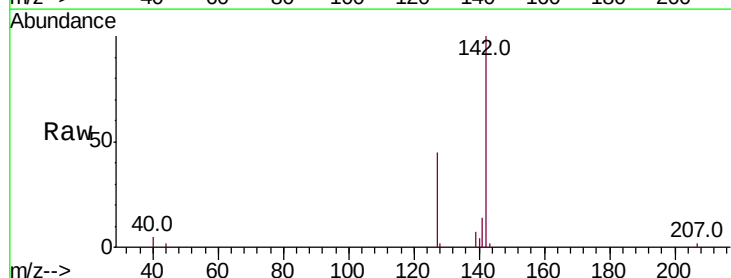
Tgt Ion:142 Resp: 48401

Ion Ratio Lower Upper

142 100

127 49.4 38.4 57.6

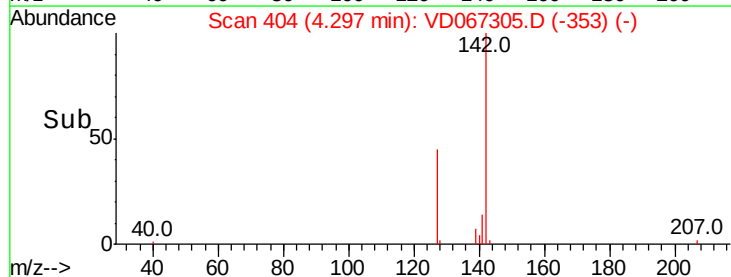
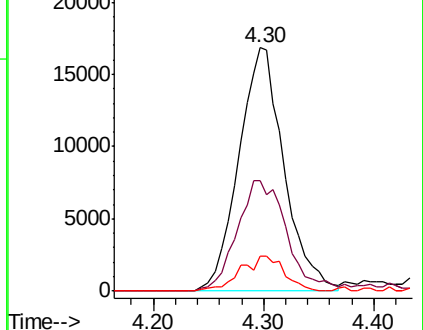
141 14.1 11.6 17.4

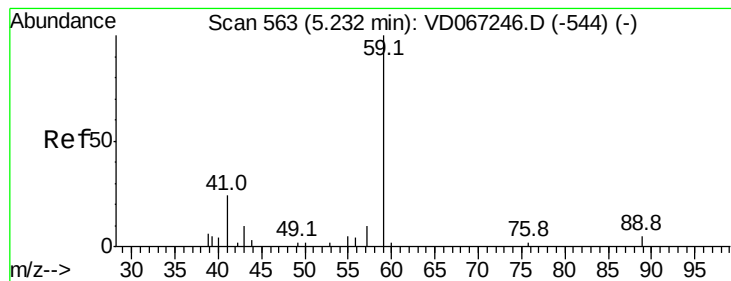


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



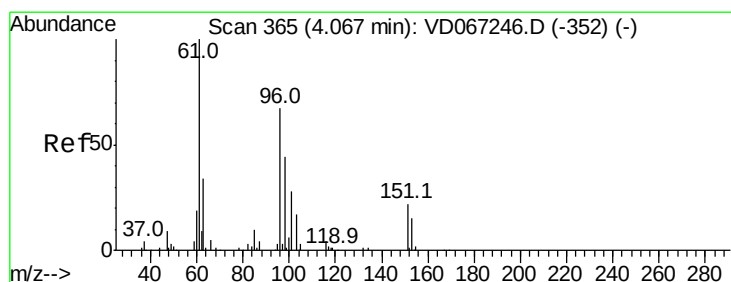
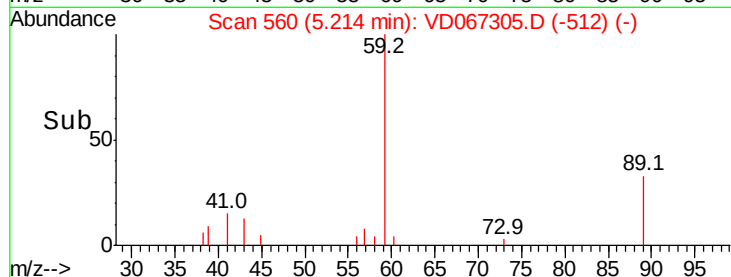
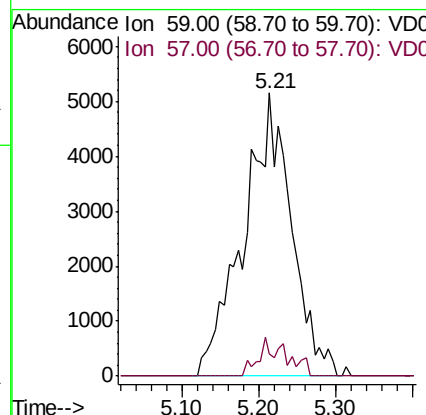
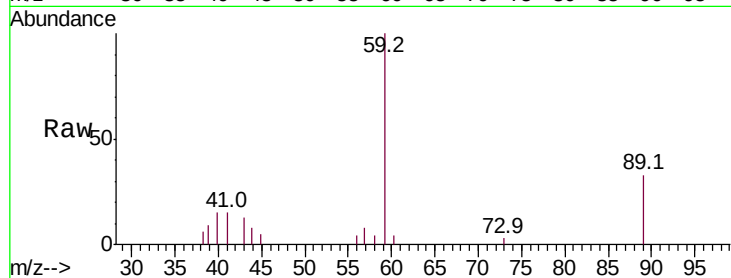


#11

Tert butyl alcohol  
 Concen: 116.748 ug/l  
 RT: 5.21 min Scan# 560  
 Delta R.T. -0.02 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1019SBS01

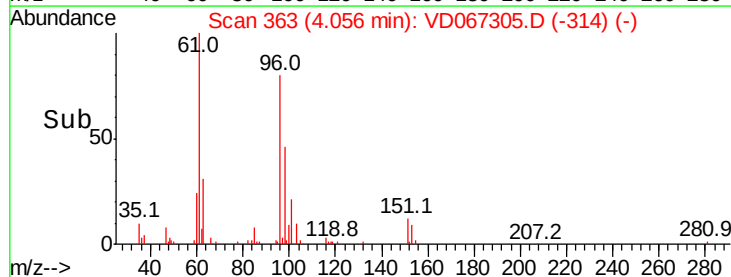
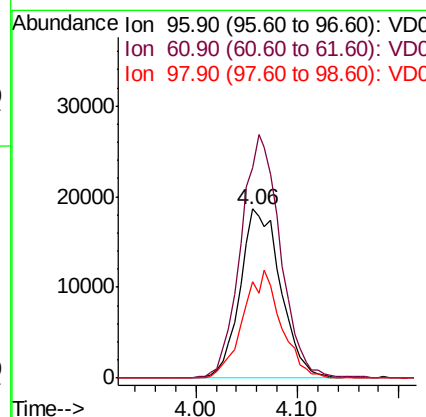
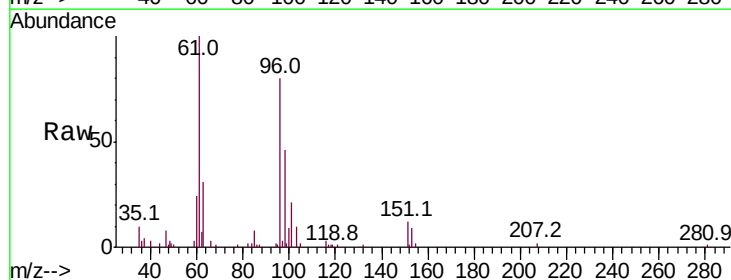
Tot Ion: 59 Resp: 22259  
 Ion Ratio Lower Upper  
 59 100  
 57 3.8 5.1 7.7#

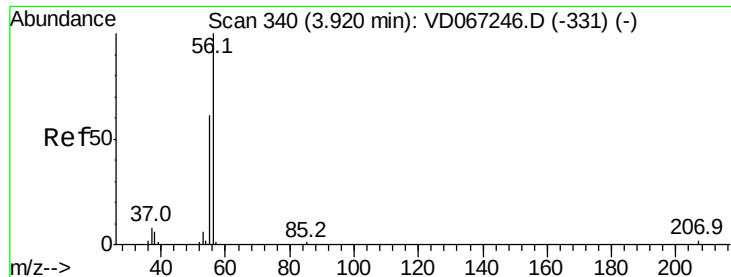


#12

1,1-Dichloroethene  
 Concen: 20.675 ug/l  
 RT: 4.06 min Scan# 363  
 Delta R.T. -0.01 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

Tgt Ion: 96 Resp: 51696  
 Ion Ratio Lower Upper  
 96 100  
 61 124.2 118.6 177.8  
 98 56.8 51.8 77.6





#13

Acrolein

Concen: 75.607 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

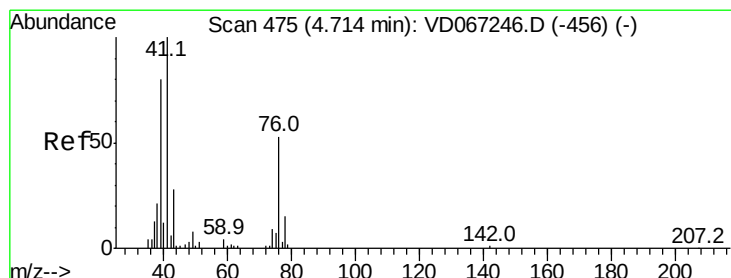
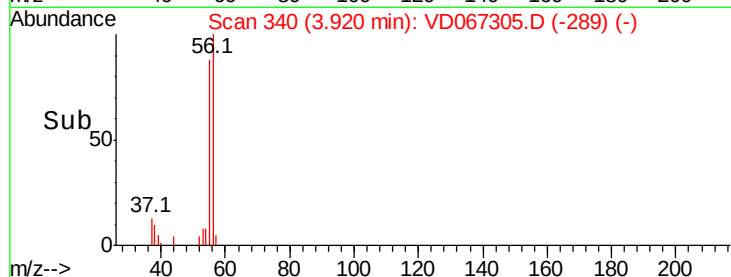
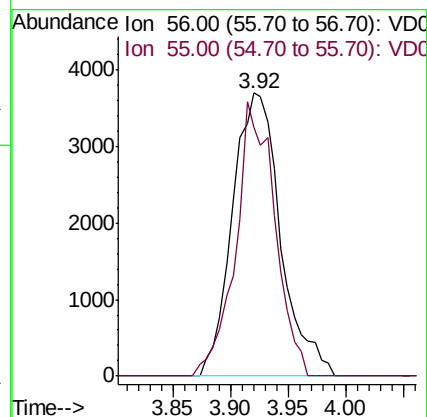
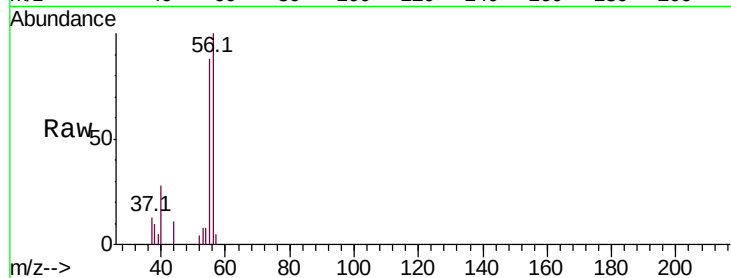
VD1019SBS01

Tot Ion: 56 Resp: 10714

Ion Ratio Lower Upper

56 100

55 78.5 56.0 84.0



#14

Allyl chloride

Concen: 19.187 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

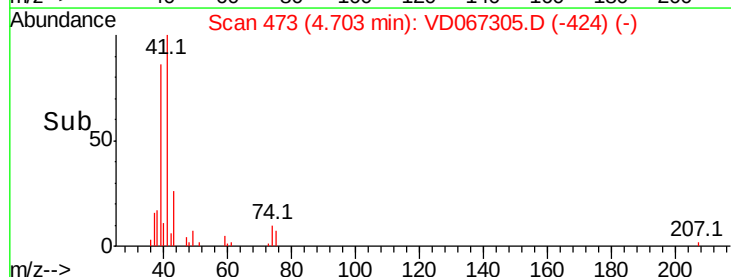
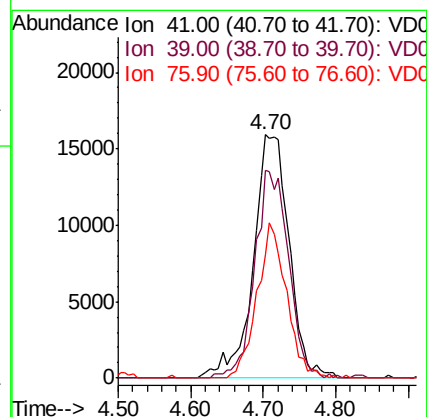
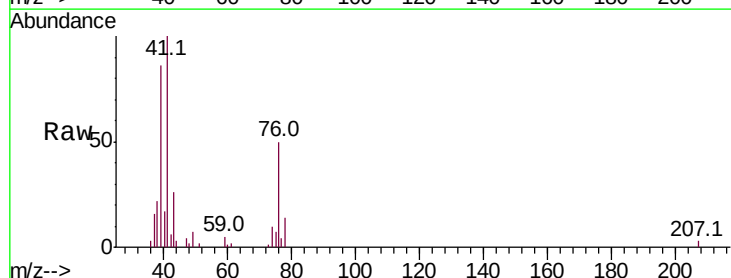
Tgt Ion: 41 Resp: 54943

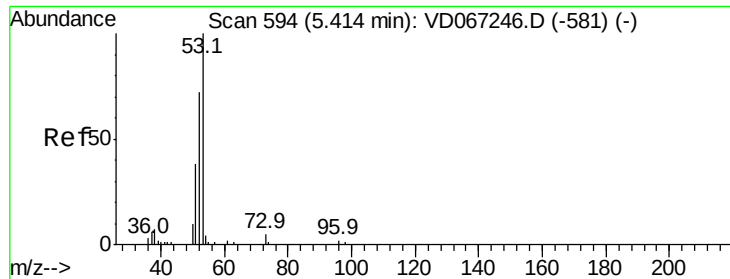
Ion Ratio Lower Upper

41 100

39 80.4 63.8 95.6

76 52.2 40.4 60.6





#15

Acrylonitrile

Concen: 100.260 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

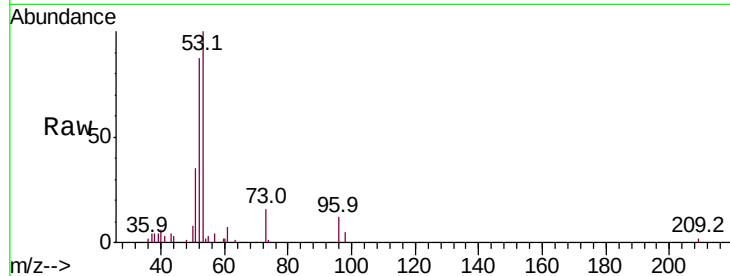
Tot Ion: 53 Resp: 40328

Ion Ratio Lower Upper

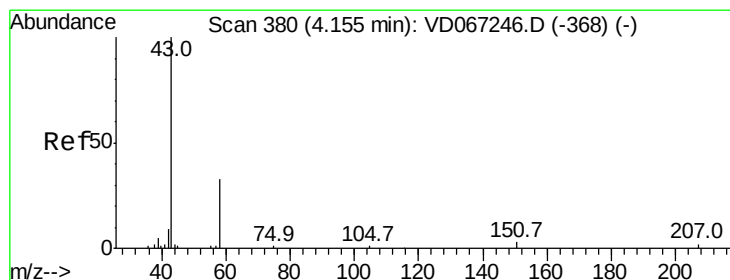
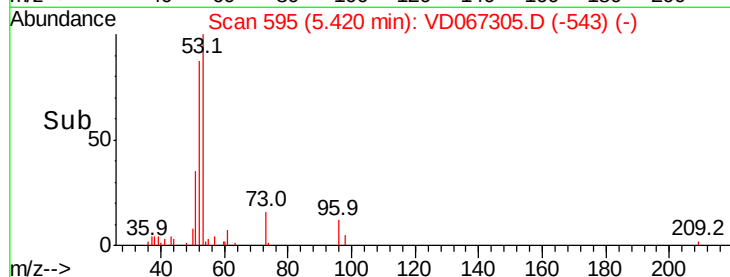
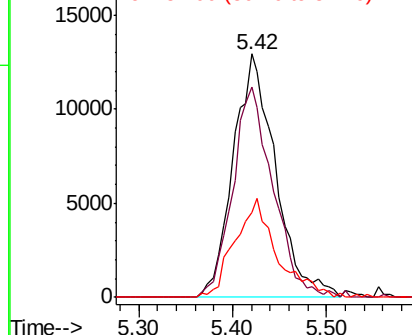
53 100

52 82.5 65.6 98.4

51 40.7 30.8 46.2



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



#16

Acetone

Concen: 101.676 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067305.D

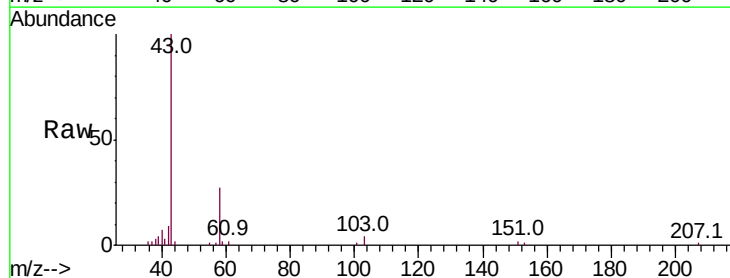
Acq: 19 Oct 2020 13:29

Tgt Ion: 43 Resp: 43222

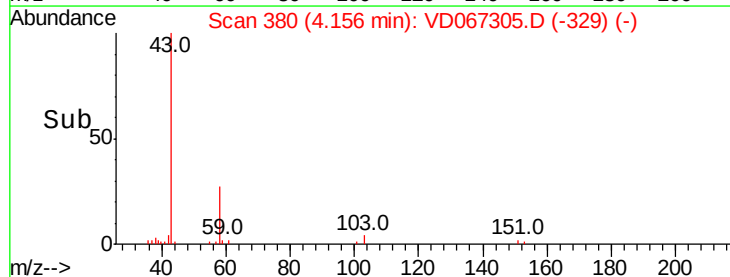
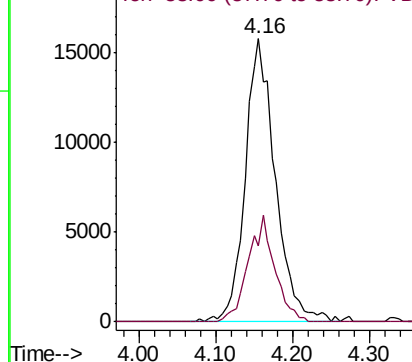
Ion Ratio Lower Upper

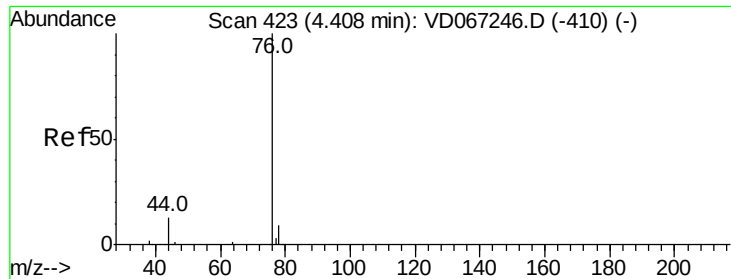
43 100

58 27.0 26.1 39.1



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

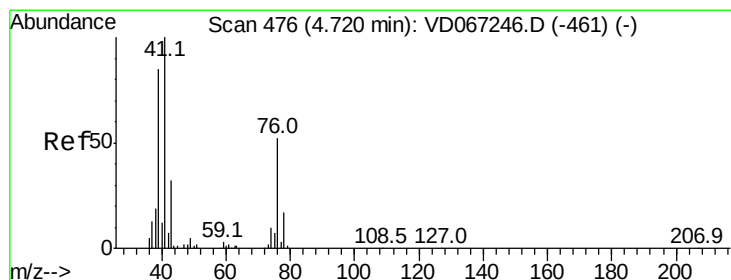
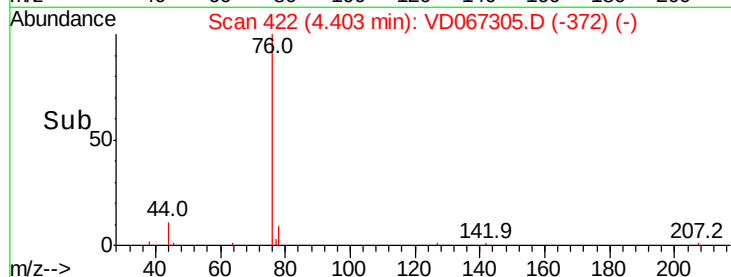
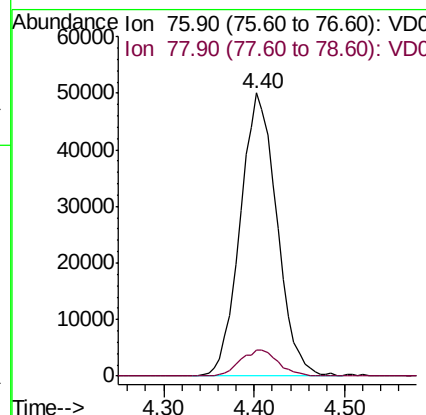
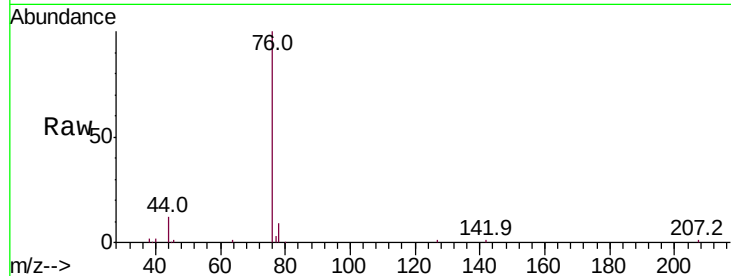




#17  
Carbon Disulfide  
Concen: 19.715 ug/l  
RT: 4.40 min Scan# 422  
Delta R.T. -0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

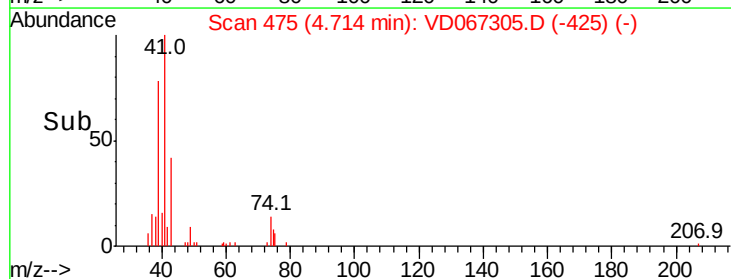
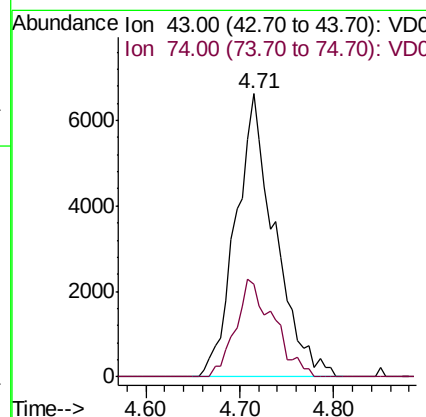
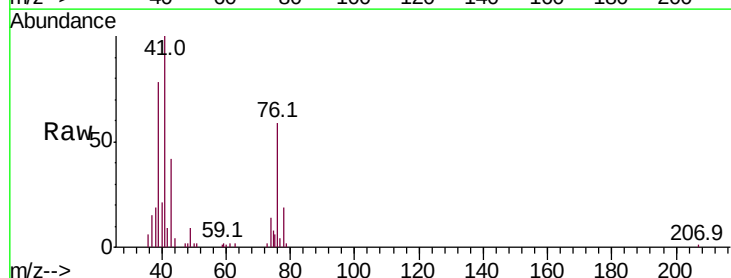
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

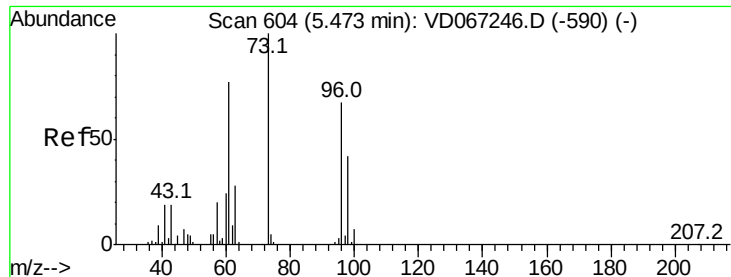
Tot Ion: 76 Resp: 140537  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0



#18  
Methyl Acetate  
Concen: 19.715 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. -0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 43 Resp: 19115  
Ion Ratio Lower Upper  
43 100  
74 33.6 26.6 39.8

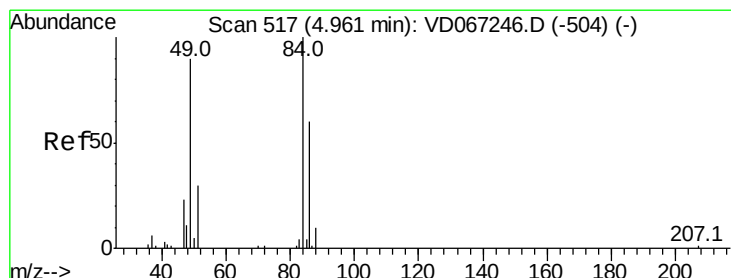
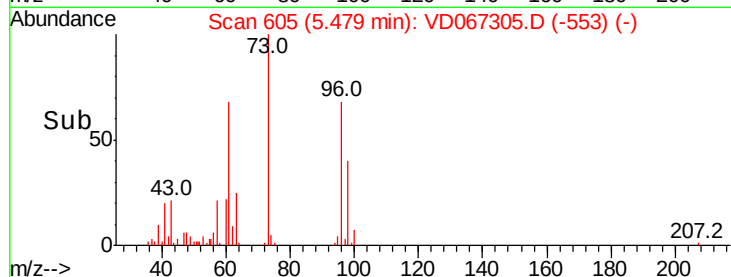
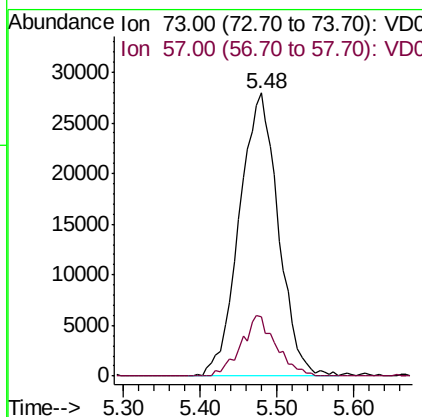
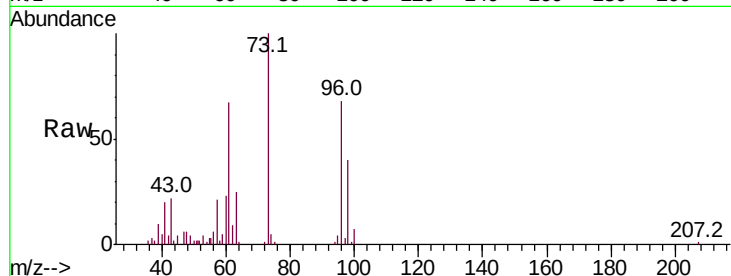




#19  
Methyl tert-butyl Ether  
Concen: 19.899 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. 0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

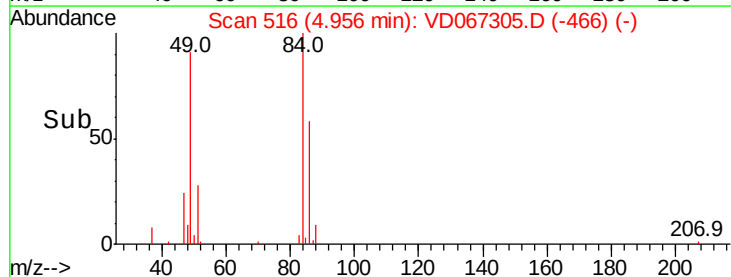
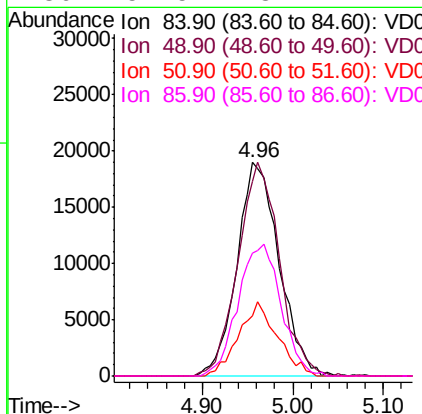
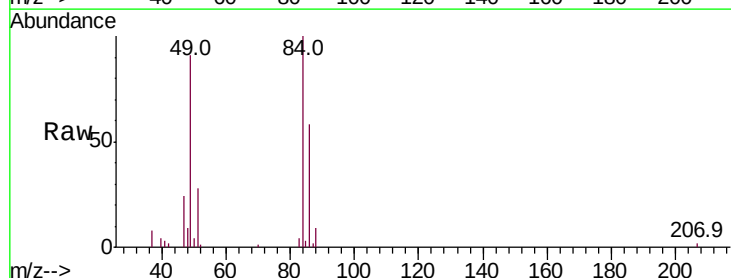
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

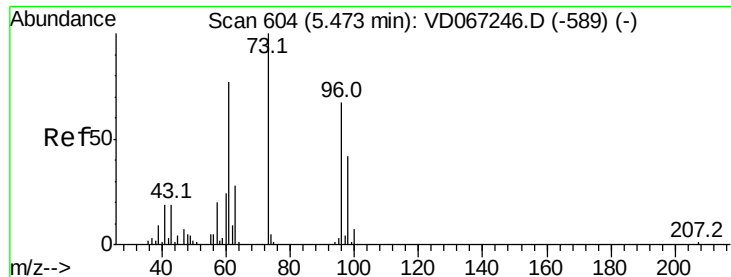
Tot Ion: 73 Resp: 98937  
Ion Ratio Lower Upper  
73 100  
57 20.9 15.7 23.5



#20  
Methylene Chloride  
Concen: 19.803 ug/l  
RT: 4.96 min Scan# 516  
Delta R.T. -0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 84 Resp: 61304  
Ion Ratio Lower Upper  
84 100  
49 91.1 72.2 108.2  
51 28.0 23.8 35.8  
86 57.5 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.809 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

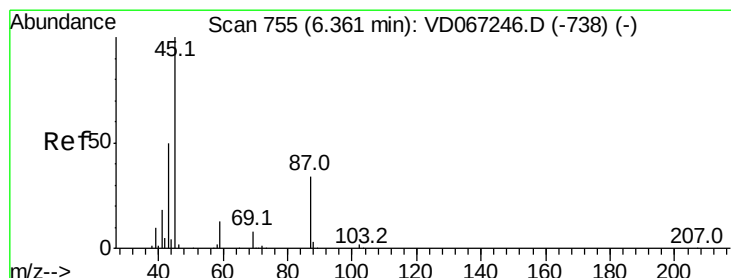
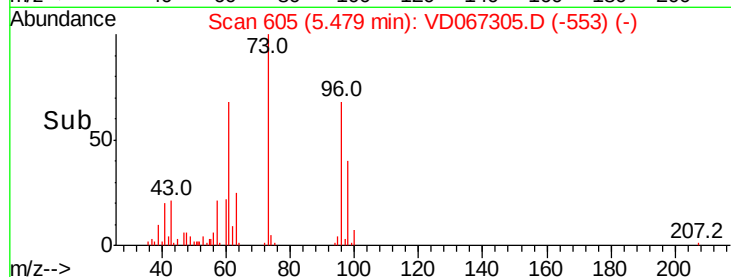
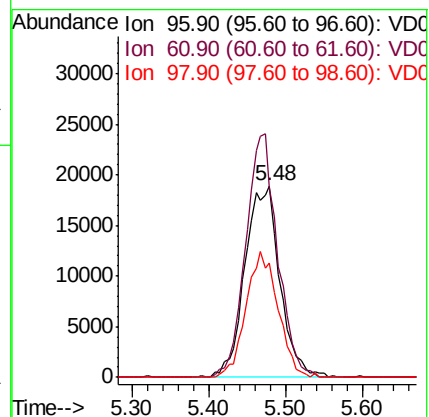
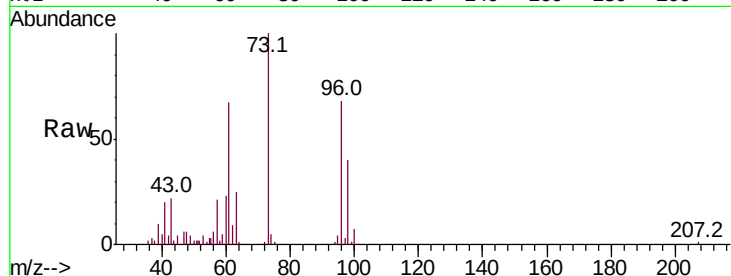
MSVOA\_D

ClientSampleId :

VD1019SBS01

Tot Ion: 96 Resp: 59878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 99.3  | 92.0  | 138.0 |
| 98  | 59.4  | 49.8  | 74.8  |



#22

Diisopropyl ether

Concen: 20.775 ug/l

RT: 6.36 min Scan# 754

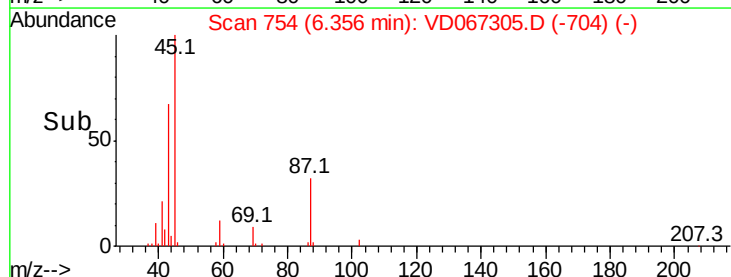
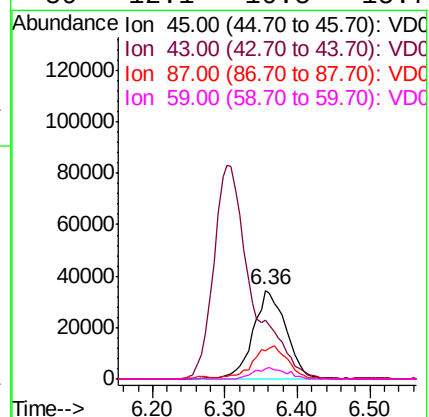
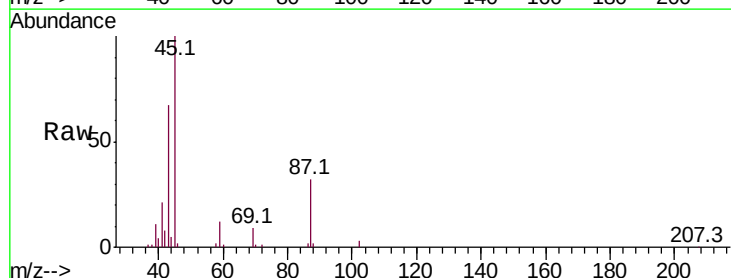
Delta R.T. -0.01 min

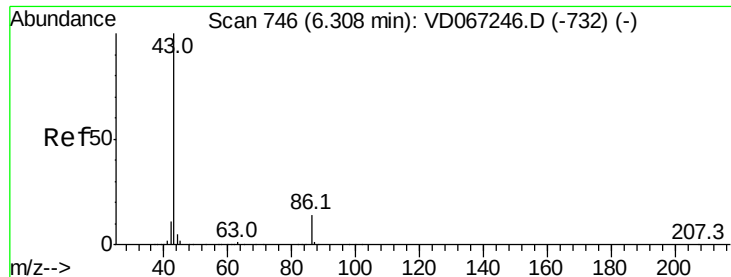
Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Tgt Ion: 45 Resp: 108671

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 66.1  | 48.0  | 72.0  |
| 87  | 31.8  | 28.5  | 42.7  |
| 59  | 12.1  | 10.5  | 15.7  |





#23

Vinyl Acetate

Concen: 101.002 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

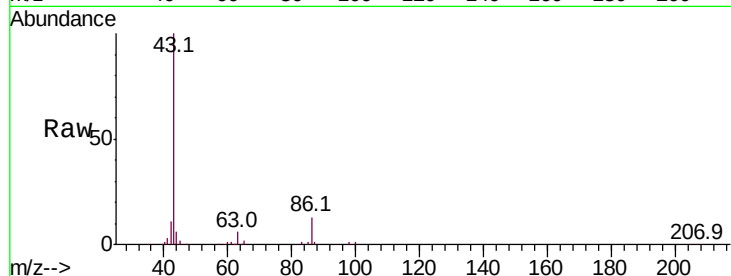
VD1019SBS01

Tot Ion: 43 Resp: 300580

Ion Ratio Lower Upper

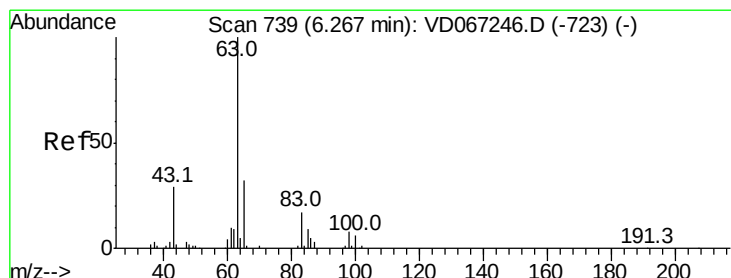
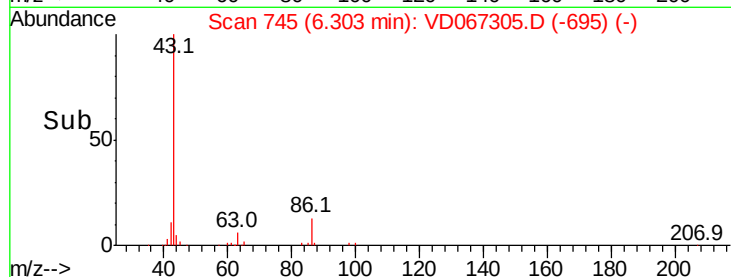
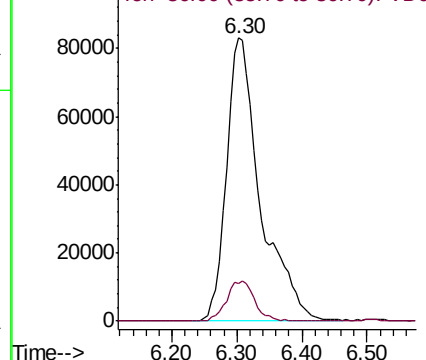
43 100

86 13.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.997 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

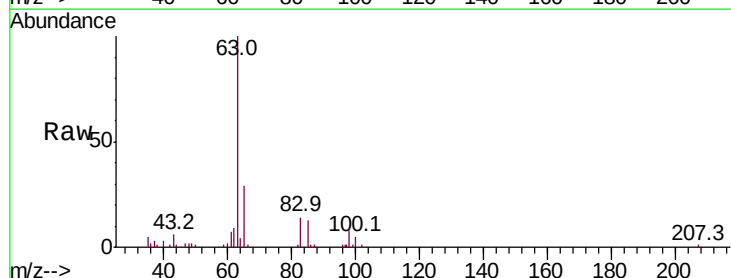
Tgt Ion: 63 Resp: 94019

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.2

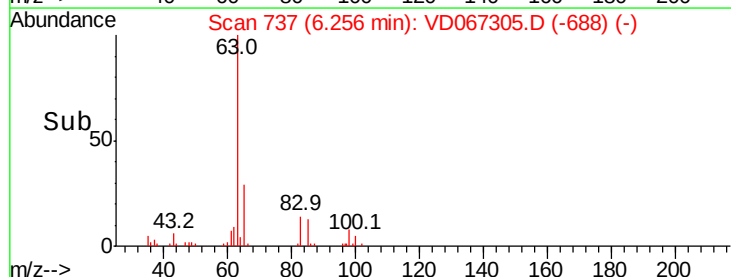
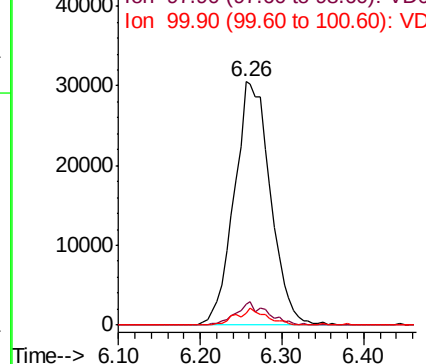
100 4.7 2.8 8.4



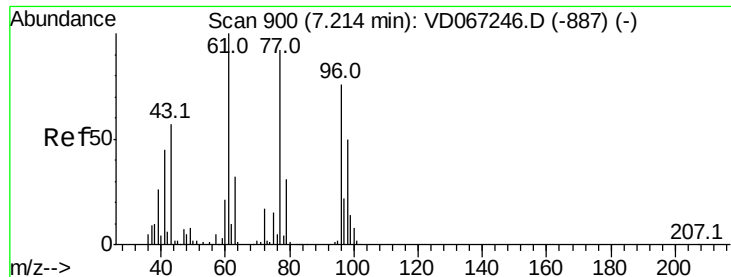
Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



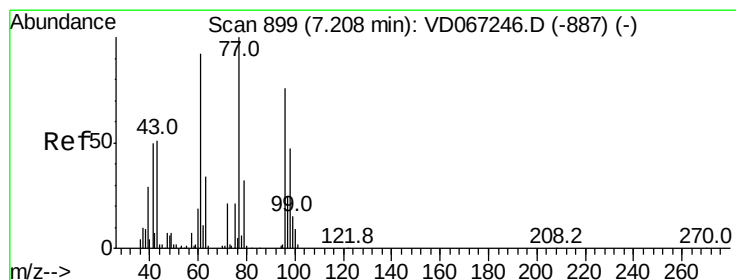
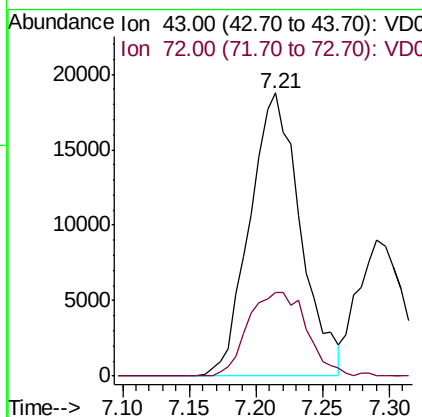
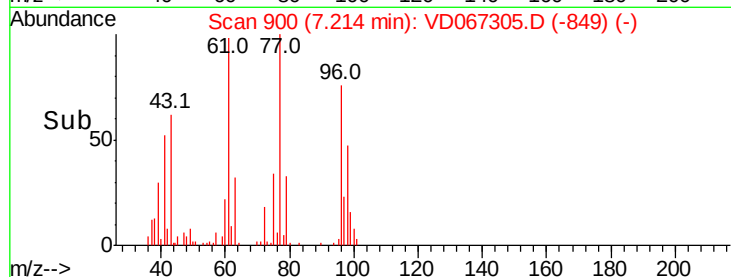
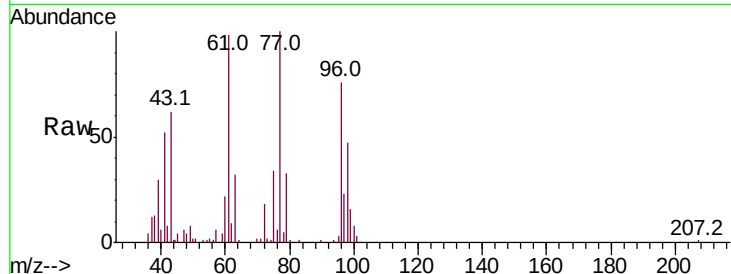




#25  
2-Butanone  
Concen: 102.282 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

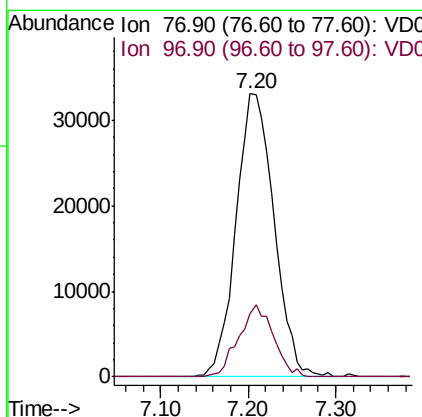
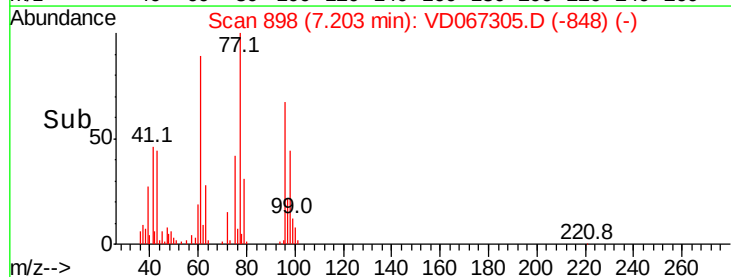
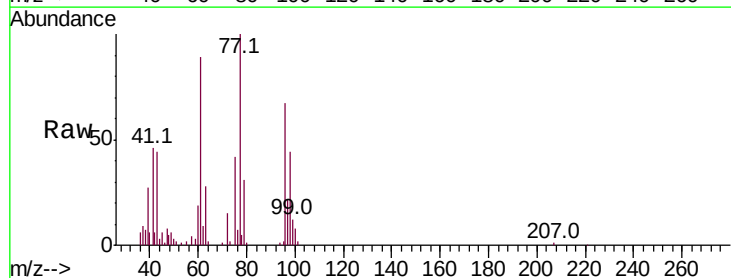
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

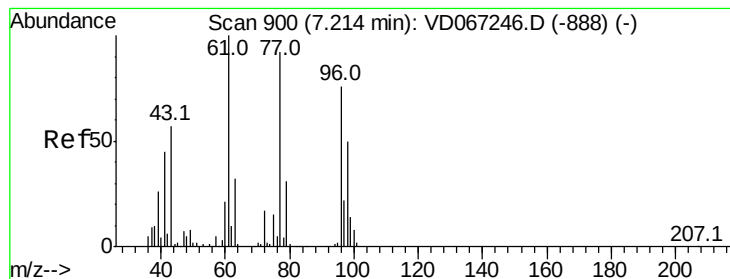
Tot Ion: 43 Resp: 49562  
Ion Ratio Lower Upper  
43 100  
72 29.4 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 21.136 ug/l  
RT: 7.20 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 77 Resp: 97548  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.393 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

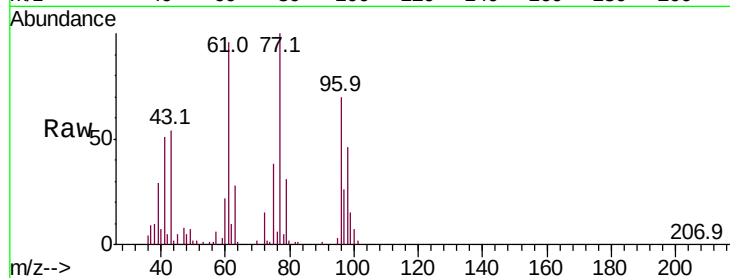
Tot Ion: 96 Resp: 64312

Ion Ratio Lower Upper

96 100

61 130.4 0.0 255.4

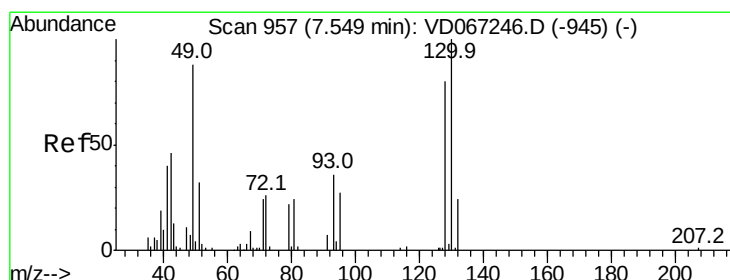
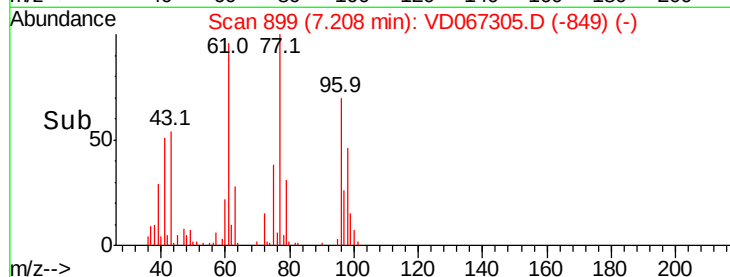
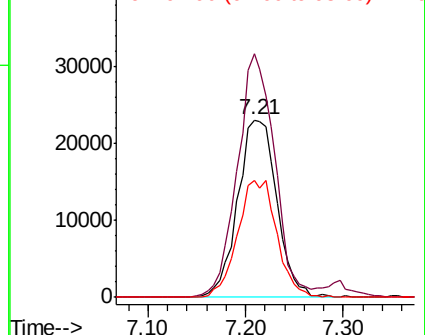
98 65.8 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 19.880 ug/l

RT: 7.54 min Scan# 955

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

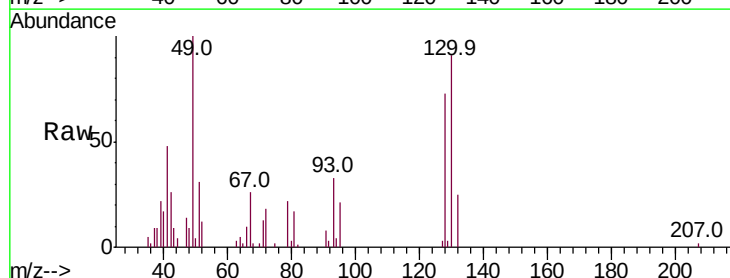
Tgt Ion: 49 Resp: 30362

Ion Ratio Lower Upper

49 100

129 2.3 0.0 1.6#

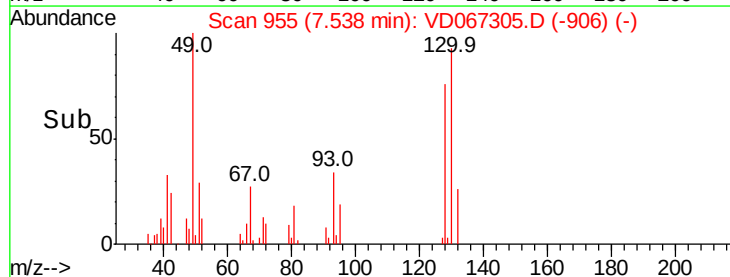
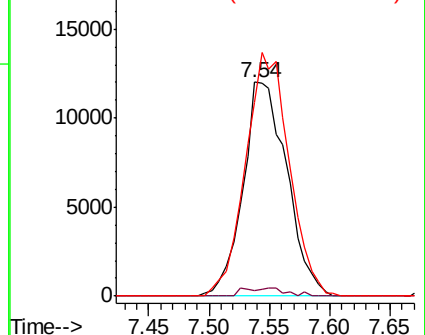
130 113.3 91.0 136.6

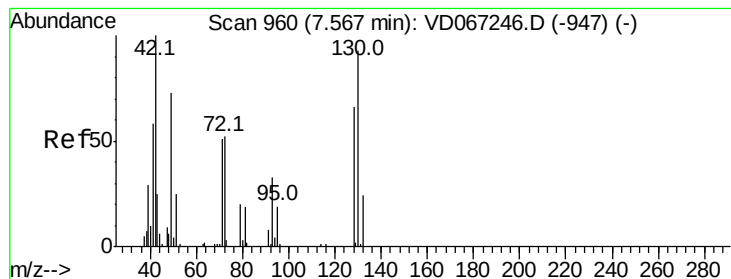


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.852 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

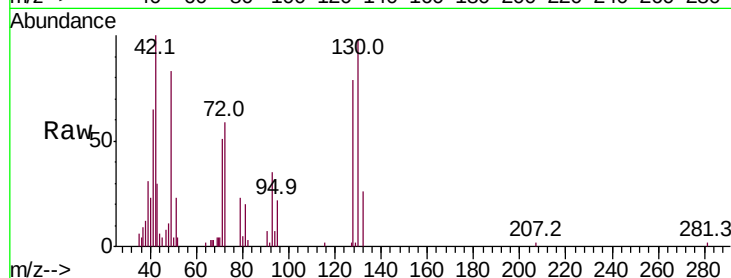
Tot Ion: 42 Resp: 26088

Ion Ratio Lower Upper

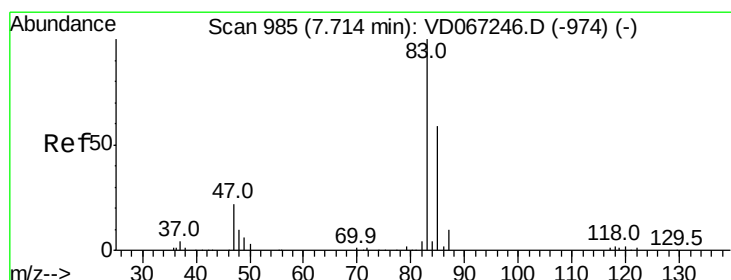
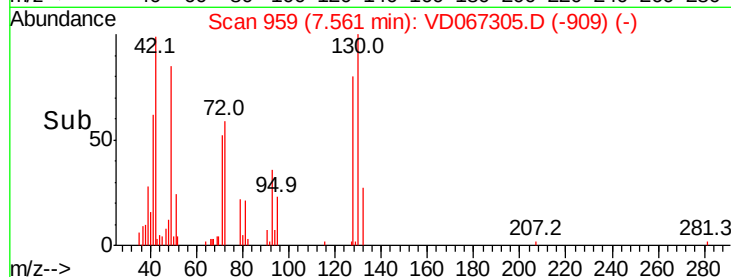
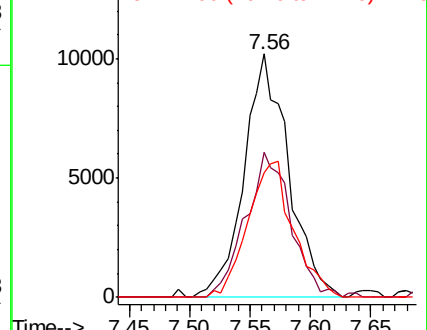
42 100

72 60.4 43.2 64.8

71 57.1 39.4 59.0



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



#30

Chloroform

Concen: 20.773 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD067305.D

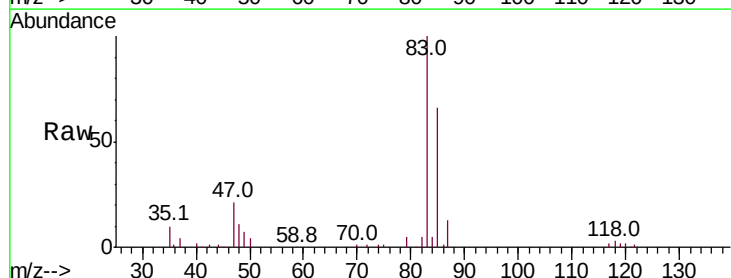
Acq: 19 Oct 2020 13:29

Tgt Ion: 83 Resp: 111118

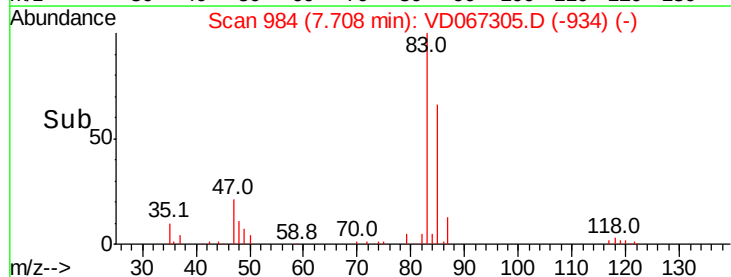
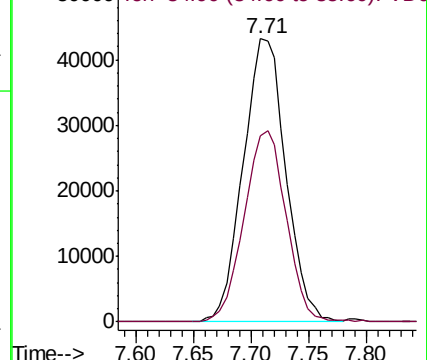
Ion Ratio Lower Upper

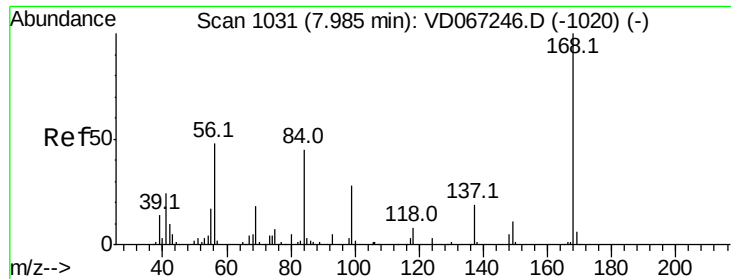
83 100

85 65.9 47.3 70.9



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

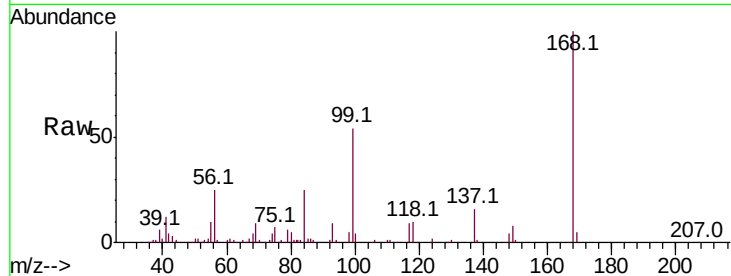




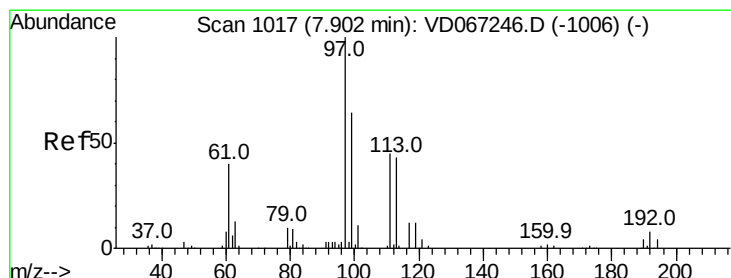
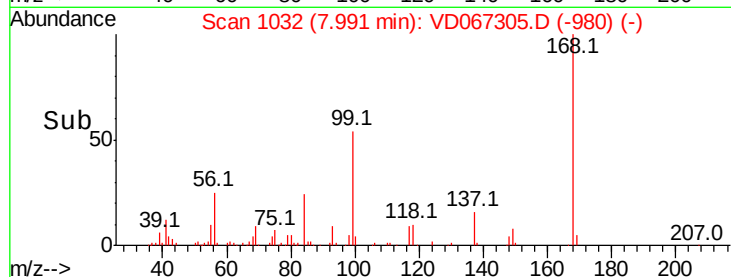
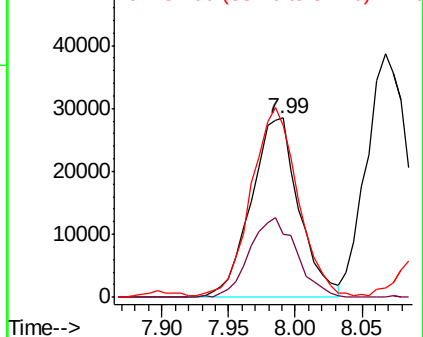
#31  
Cyclohexane  
Concen: 20.241 ug/l  
RT: 7.99 min Scan# 1032  
Delta R.T. 0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

Tot Ion: 56 Resp: 70762  
Ion Ratio Lower Upper  
56 100  
69 35.0 29.8 44.6  
84 95.3 76.6 114.8

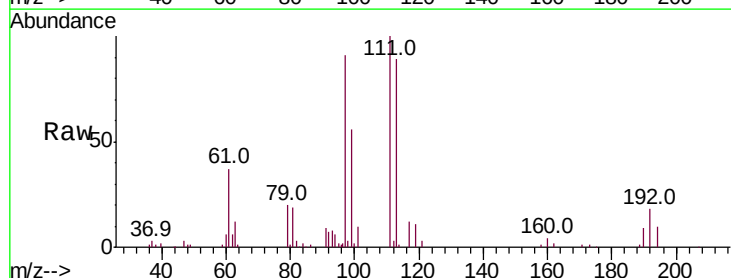


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

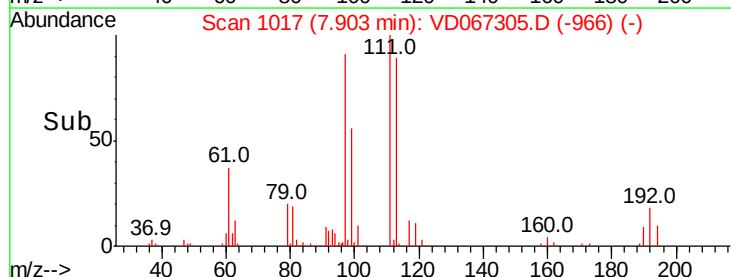
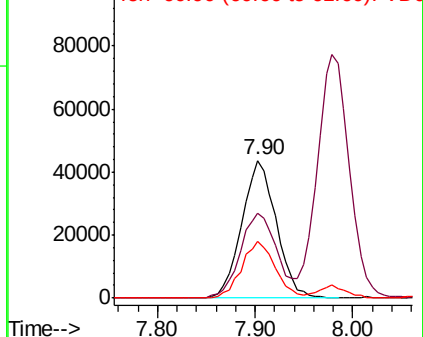


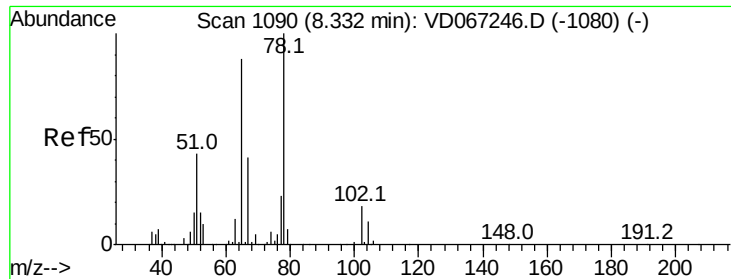
#32  
1,1,1-Trichloroethane  
Concen: 20.479 ug/l  
RT: 7.90 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 97 Resp: 107479  
Ion Ratio Lower Upper  
97 100  
99 64.4 50.2 75.4  
61 39.9 30.5 45.7



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

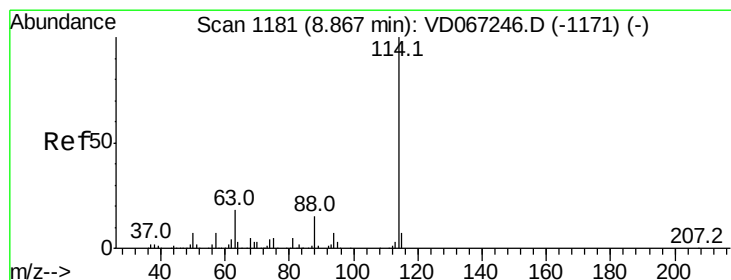
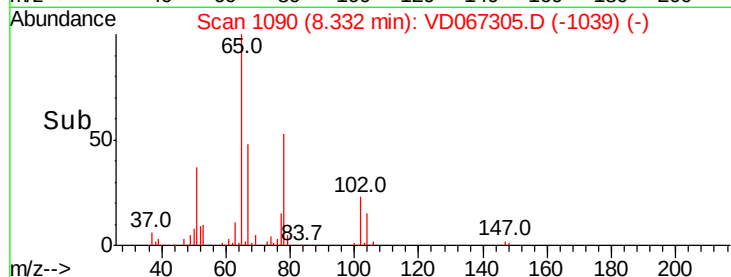
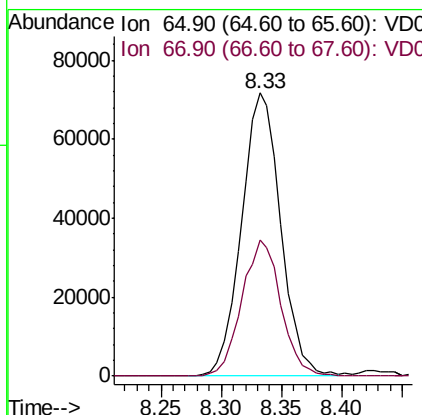
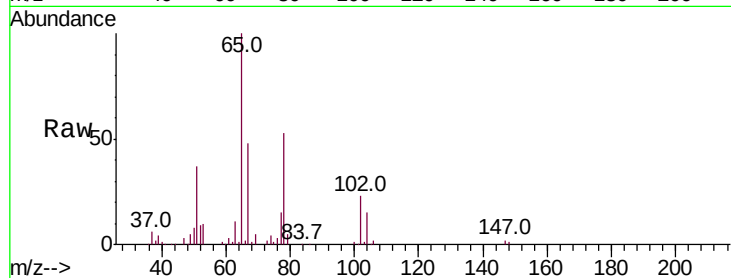




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.149 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. 0.00 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

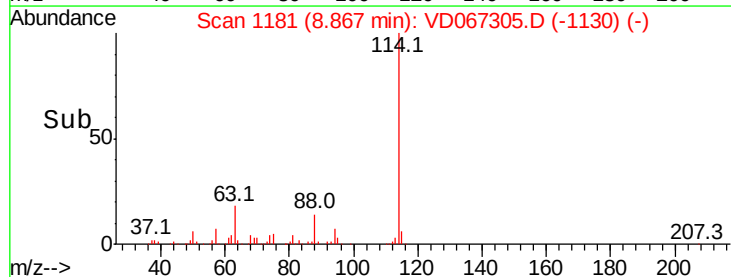
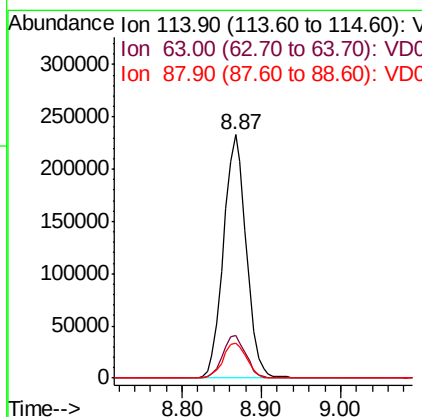
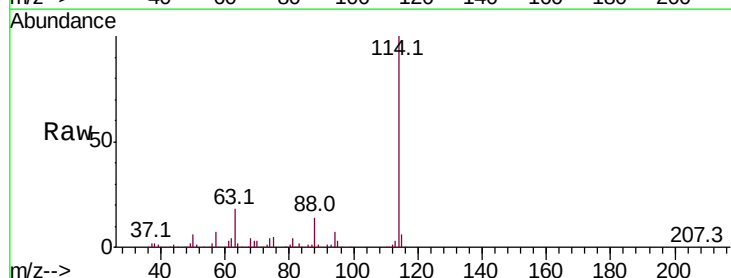
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1019SBS01

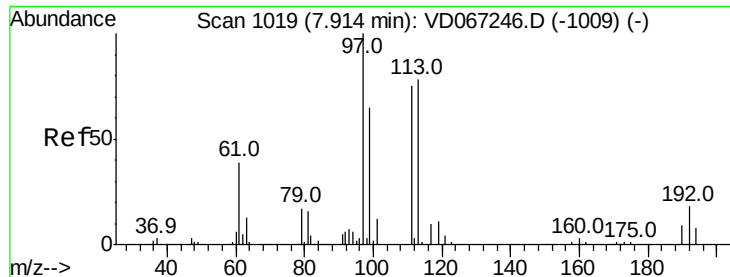
Tot Ion: 65 Resp: 161323  
 Ion Ratio Lower Upper  
 65 100  
 67 48.1 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

Tgt Ion: 114 Resp: 462923  
 Ion Ratio Lower Upper  
 114 100  
 63 17.5 0.0 35.0  
 88 14.2 0.0 30.6

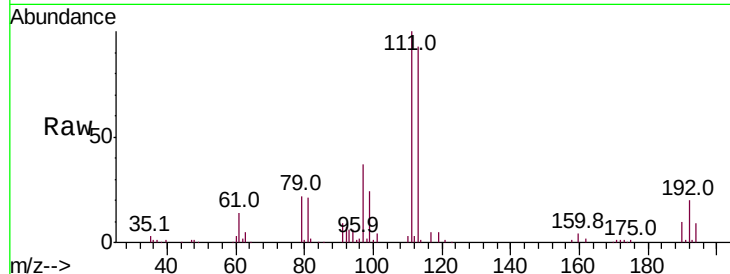




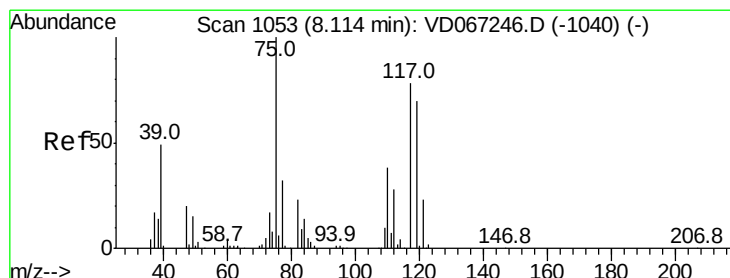
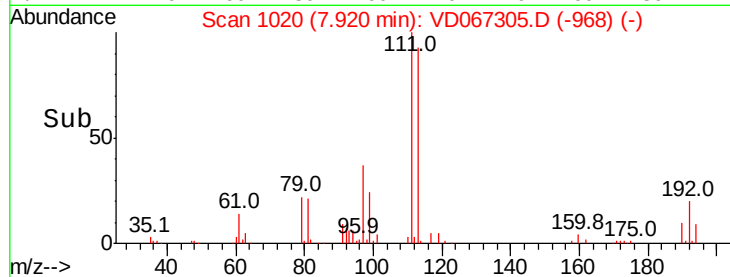
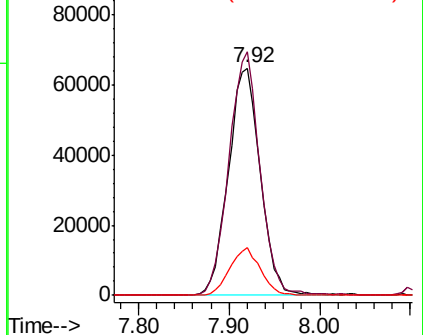
#35  
 Dibromofluoromethane  
 Concen: 51.655 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.01 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1019SBS01

Tot Ion:113 Resp: 159138  
 Ion Ratio Lower Upper  
 113 100  
 111 103.8 81.6 122.4  
 192 20.1 17.0 25.4

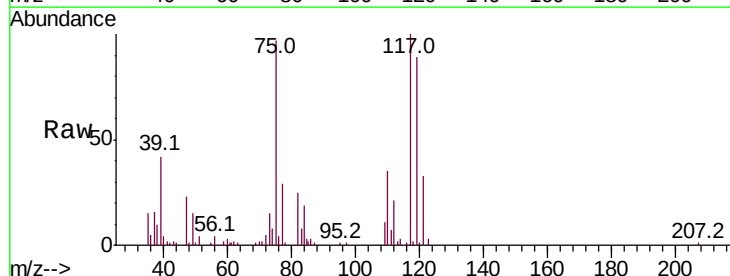


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

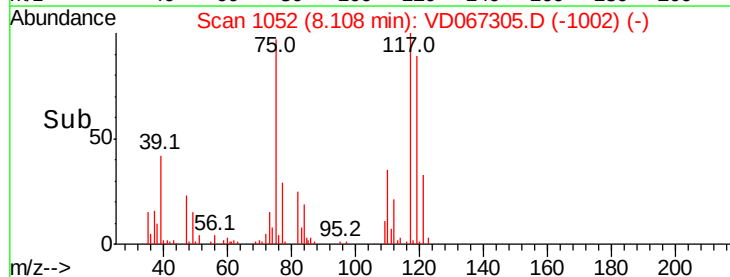
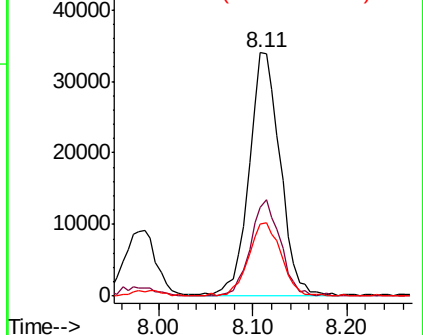


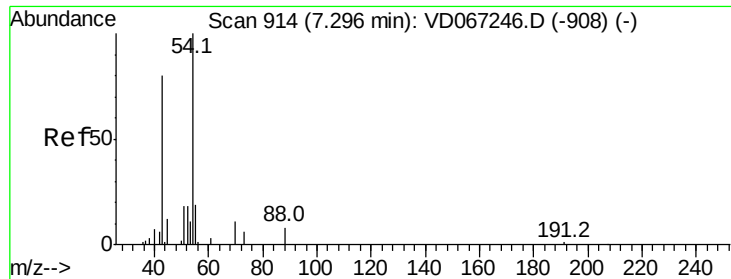
#36  
 1,1-Dichloropropene  
 Concen: 19.999 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. -0.01 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

Tgt Ion: 75 Resp: 78466  
 Ion Ratio Lower Upper  
 75 100  
 110 37.6 19.6 58.7  
 77 31.2 24.6 37.0



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

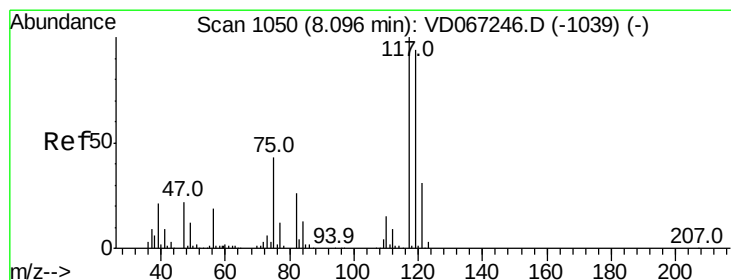
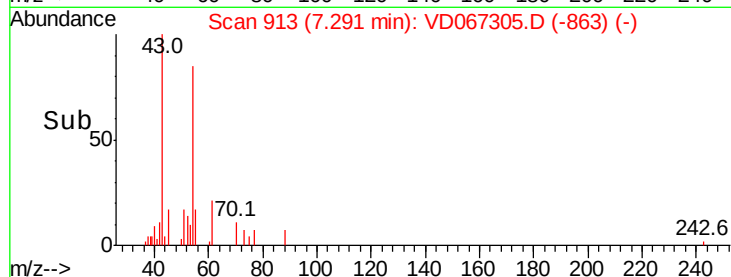
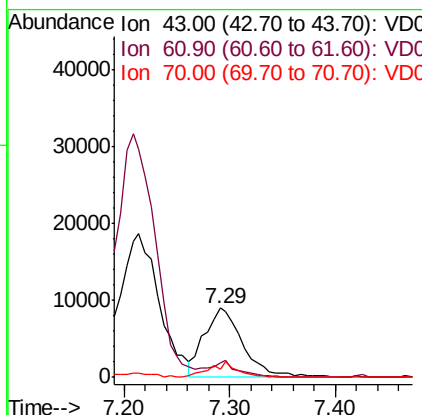
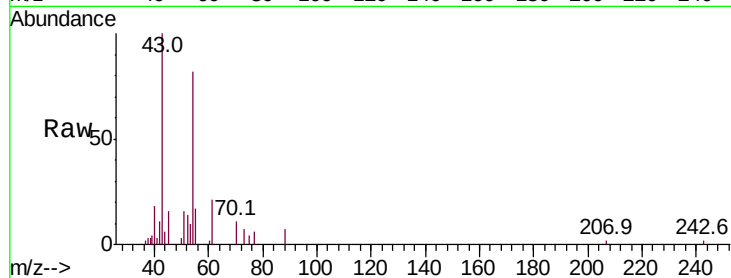




#37  
Ethyl Acetate  
Concen: 20.008 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

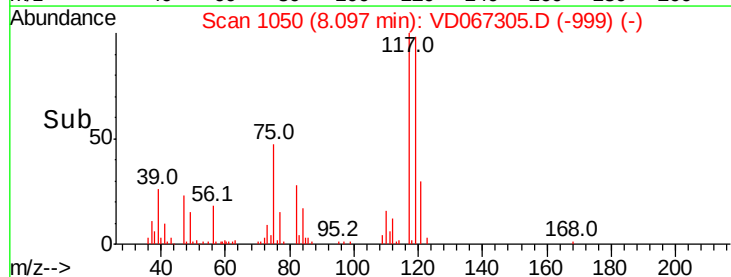
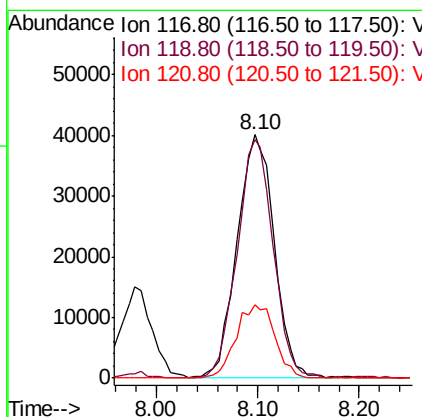
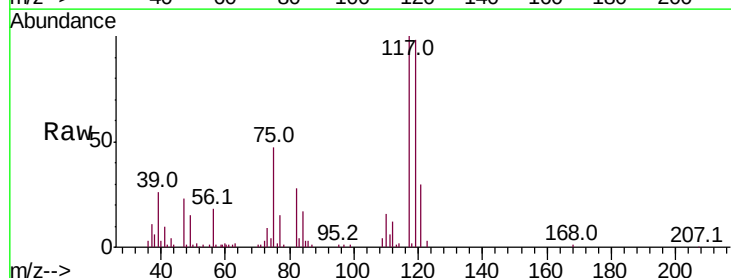
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

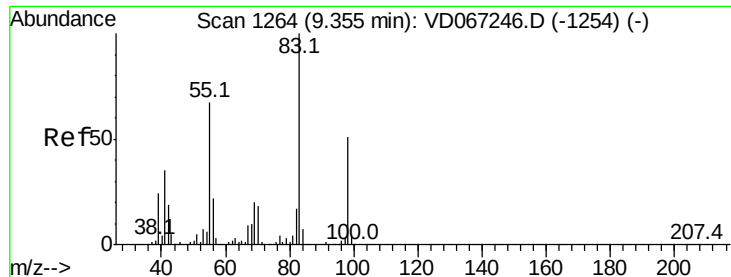
Tot Ion: 43 Resp: 23097  
Ion Ratio Lower Upper  
43 100  
61 16.4 15.6 23.4  
70 16.1 10.4 15.6#



#38  
Carbon Tetrachloride  
Concen: 20.344 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 117 Resp: 102017  
Ion Ratio Lower Upper  
117 100  
119 97.8 75.0 112.4  
121 30.0 24.9 37.3

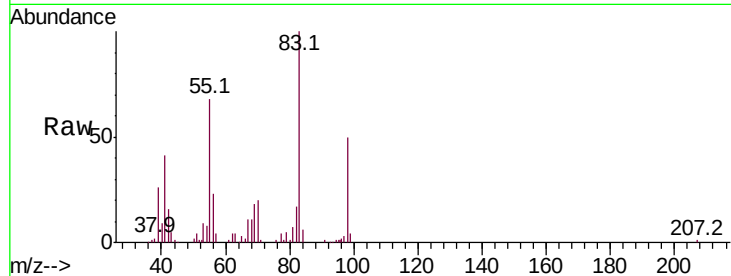




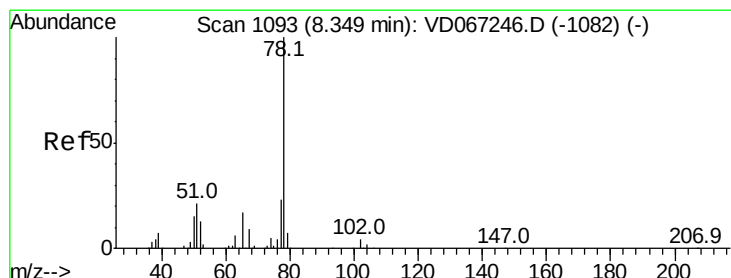
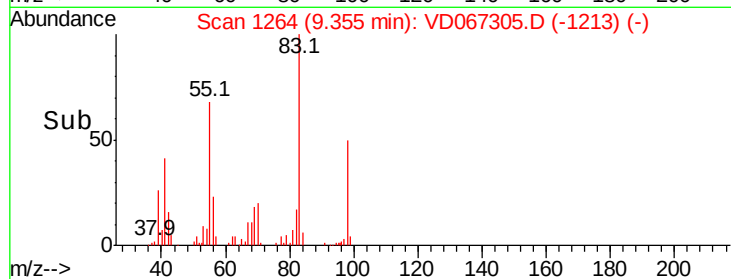
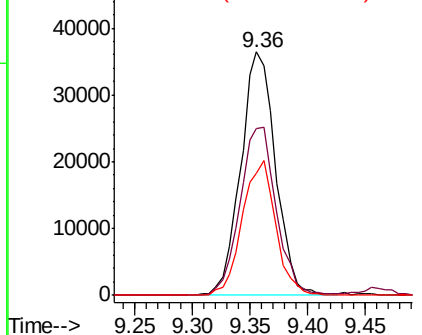
#39  
Methylvlcyclohexane  
Concen: 18.668 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

Tot Ion: 83 Resp: 76572  
Ion Ratio Lower Upper  
83 100  
55 68.5 53.3 79.9  
98 50.0 41.0 61.4

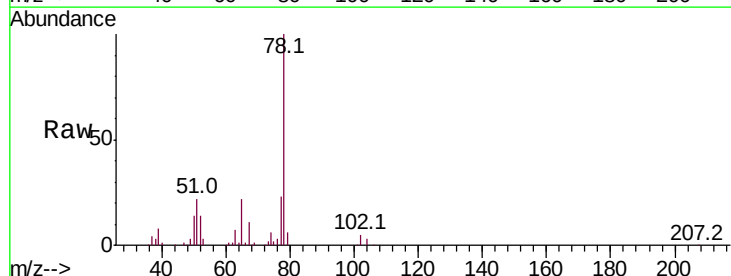


Abundance Ion 83.00 (82.70 to 83.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.00 (97.70 to 98.70): VDC

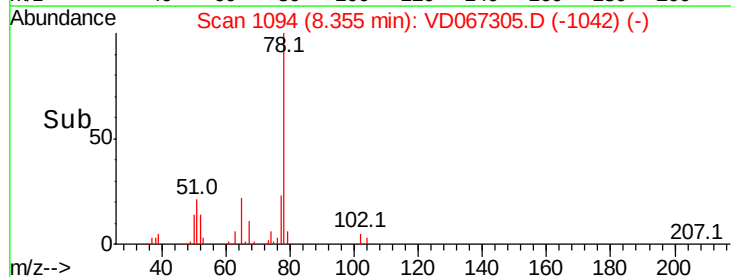
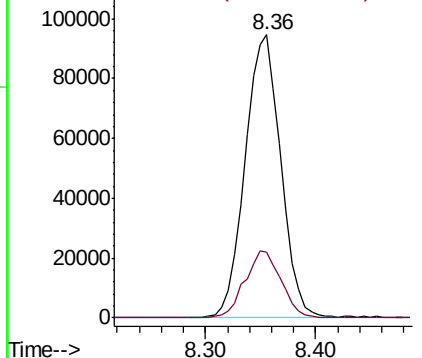


#40  
Benzene  
Concen: 19.964 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. 0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

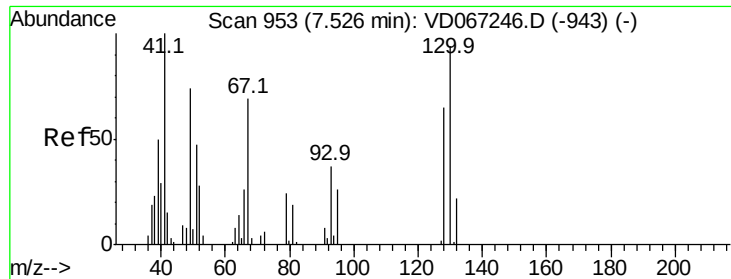
Tgt Ion: 78 Resp: 214891  
Ion Ratio Lower Upper  
78 100  
77 23.4 18.3 27.5



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



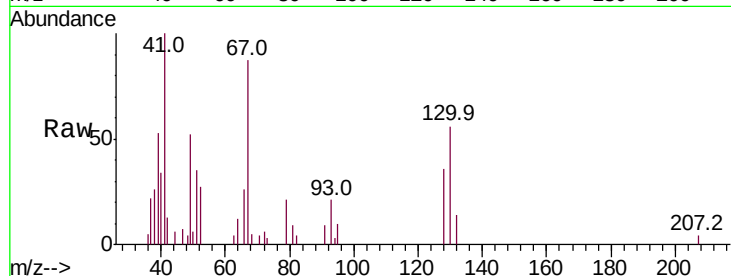




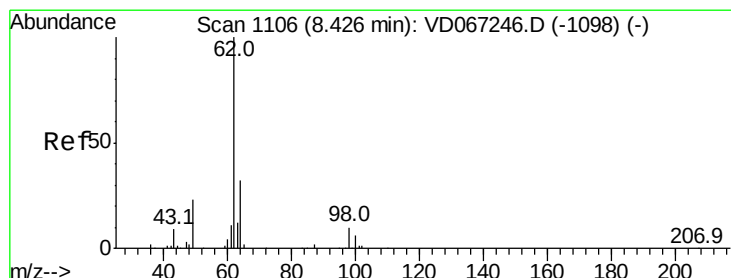
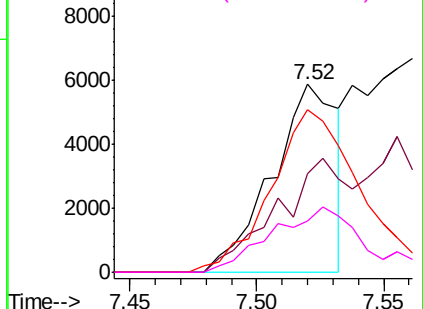
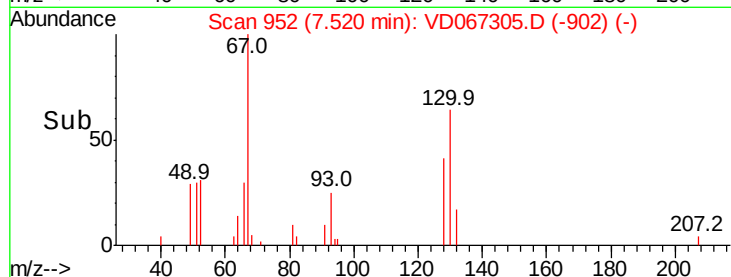
#41  
Methacrylonitrile  
Concen: 16.859 ug/l  
RT: 7.52 min Scan# 952  
Delta R.T. -0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 10517 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 66.8  | 60.0  | 90.0  |
| 67       | 116.3 | 88.9  | 133.3 |
| 52       | 48.2  | 36.9  | 55.3  |

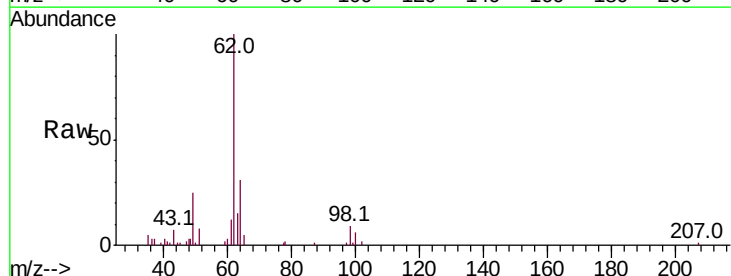


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

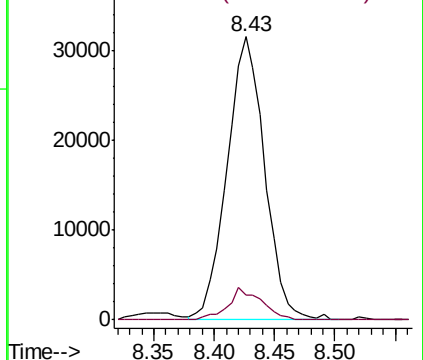
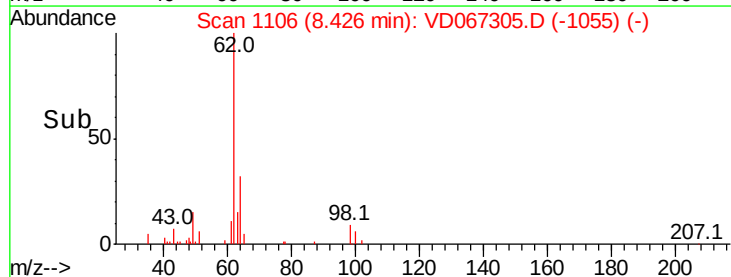


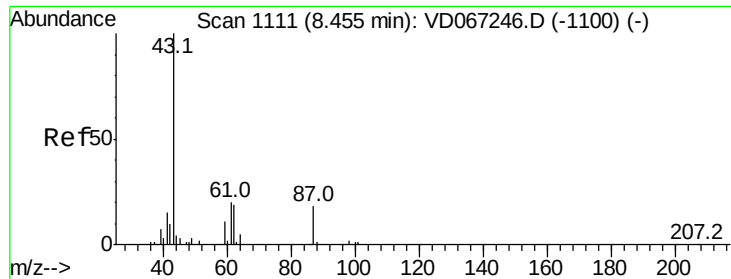
#42  
1,2-Dichloroethane  
Concen: 20.310 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 68416 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.1  | 0.0   | 19.4  |



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





#43

Isopropyl Acetate

Concen: 20.295 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

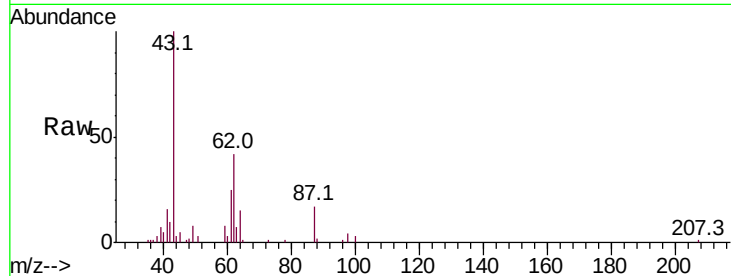
Tot Ion: 43 Resp: 46487

Ion Ratio Lower Upper

43 100

61 37.3 29.5 44.3

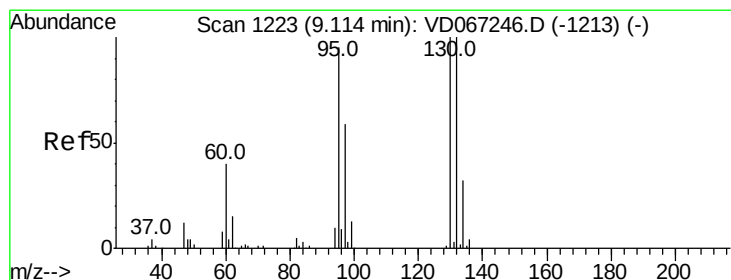
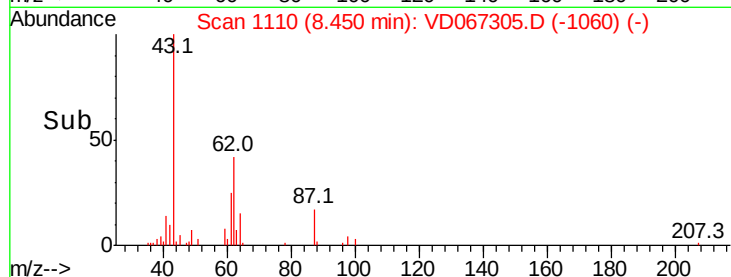
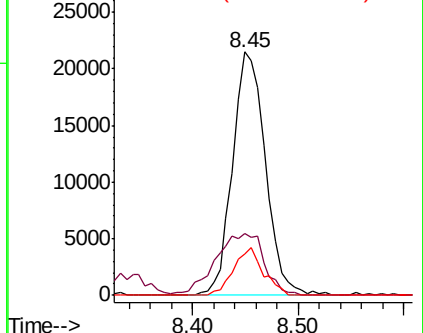
87 17.5 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.616 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067305.D

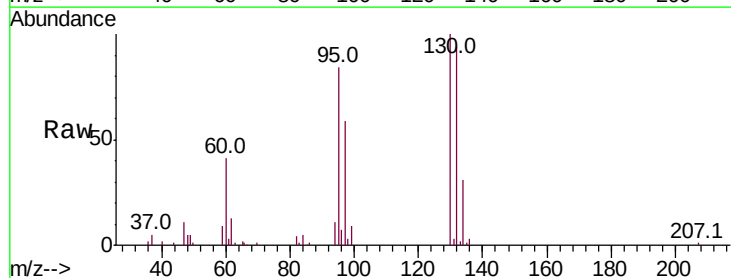
Acq: 19 Oct 2020 13:29

Tgt Ion:130 Resp: 71049

Ion Ratio Lower Upper

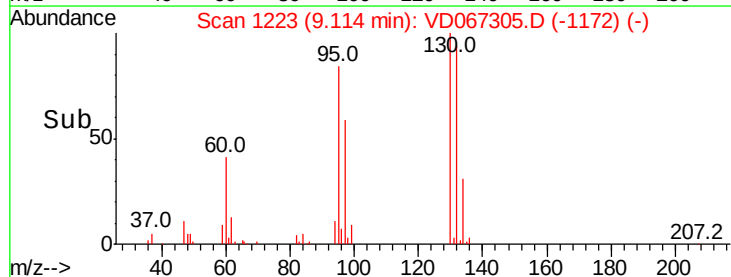
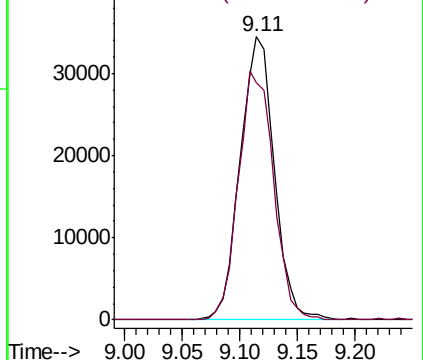
130 100

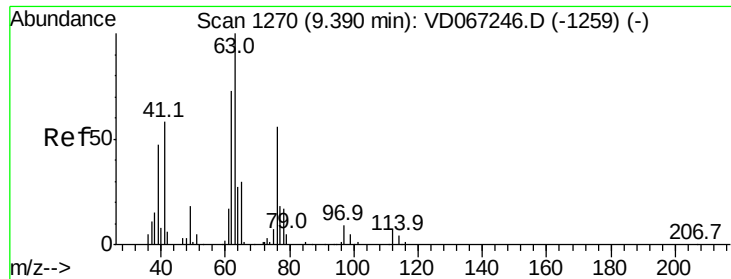
95 83.9 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.906 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

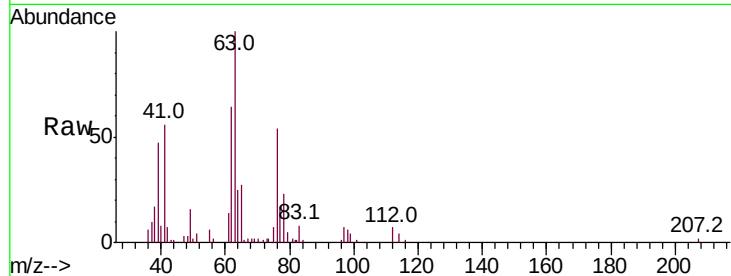
VD1019SBS01

Tot Ion: 63 Resp: 49657

Ion Ratio Lower Upper

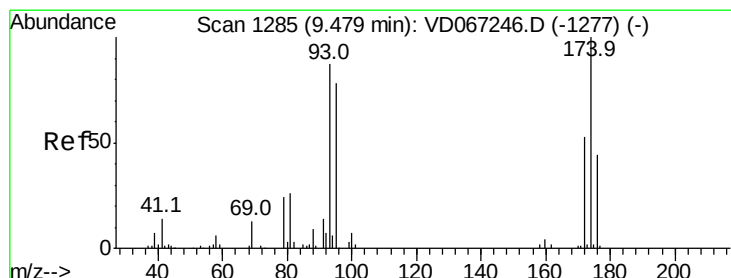
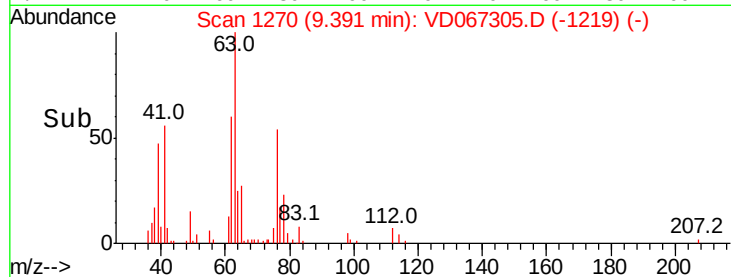
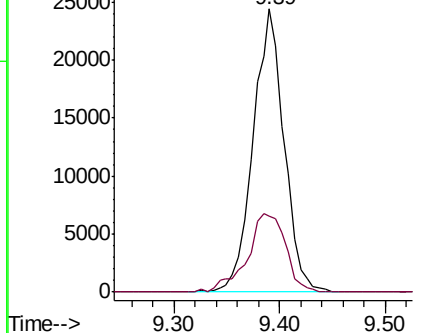
63 100

65 26.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.281 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

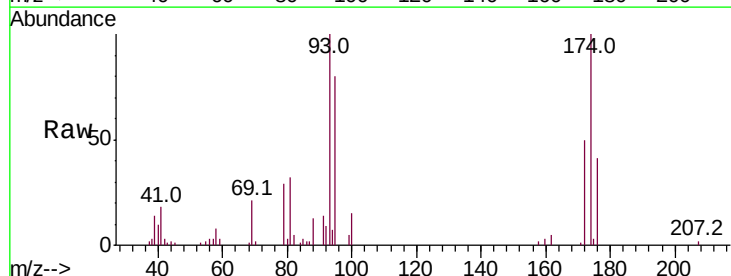
Tgt Ion: 93 Resp: 31522

Ion Ratio Lower Upper

93 100

95 80.7 68.0 102.0

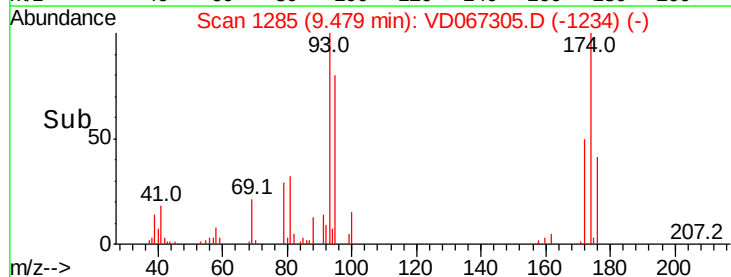
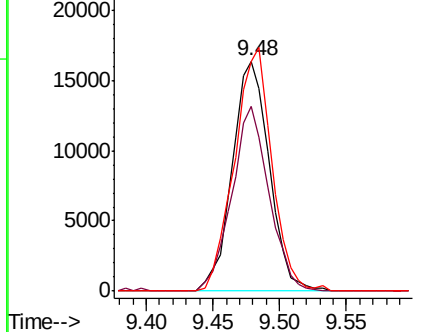
174 107.0 91.8 137.6

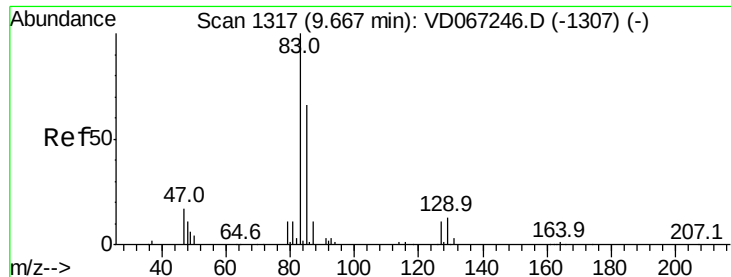


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.033 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

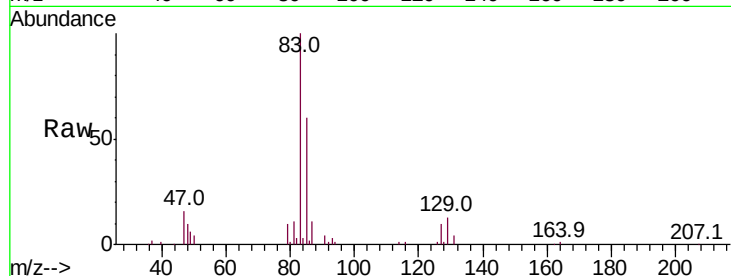
Tot Ion: 83 Resp: 83422

Ion Ratio Lower Upper

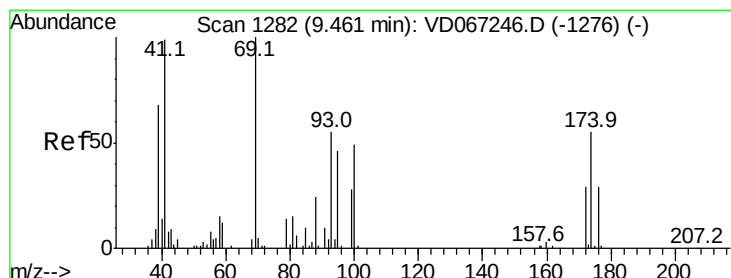
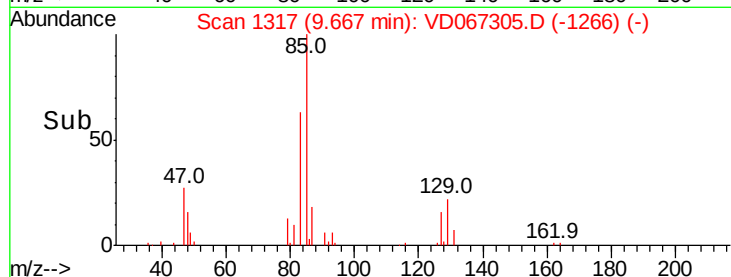
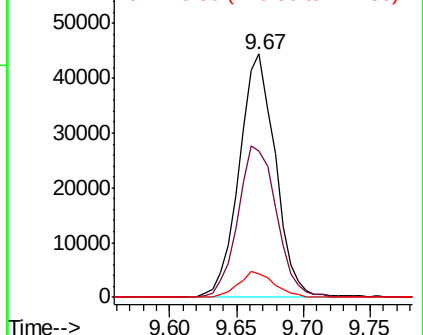
83 100

85 59.9 53.1 79.7

127 9.6 8.6 13.0



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



#48

Methyl methacrylate

Concen: 18.539 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

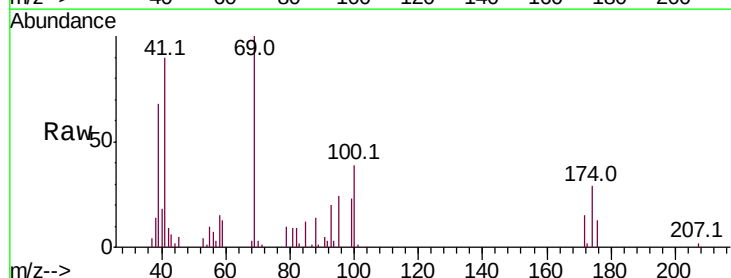
Tgt Ion: 41 Resp: 20637

Ion Ratio Lower Upper

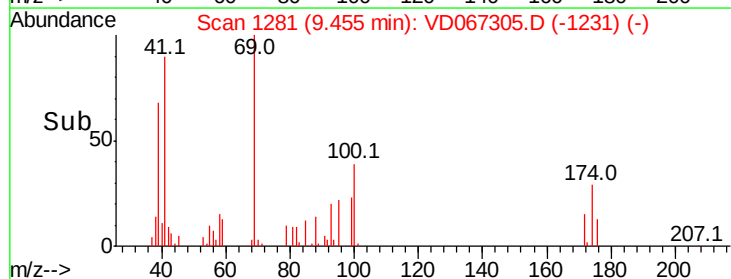
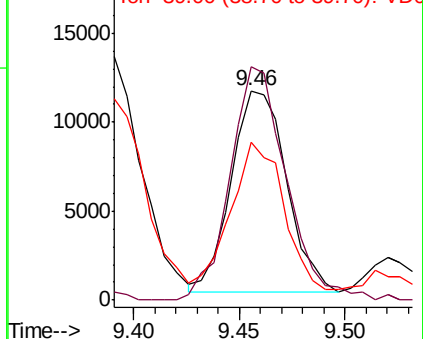
41 100

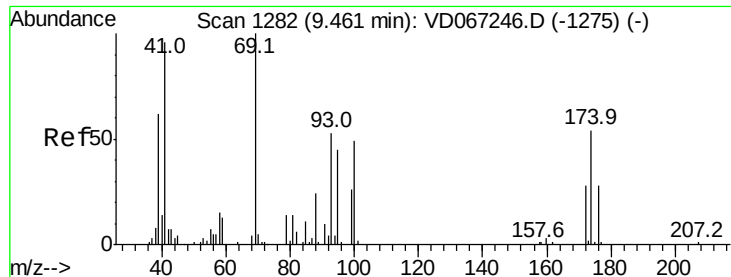
69 118.2 89.0 133.6

39 81.3 60.2 90.2



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





#49

1,4-Dioxane

Concen: 397.013 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

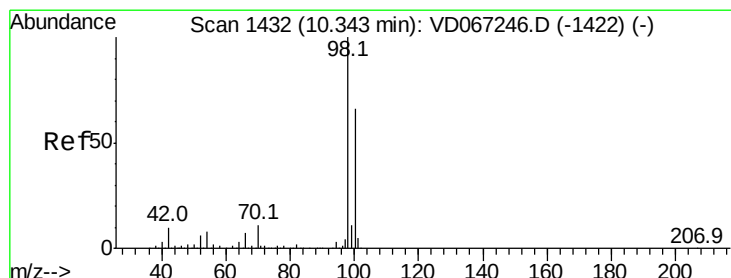
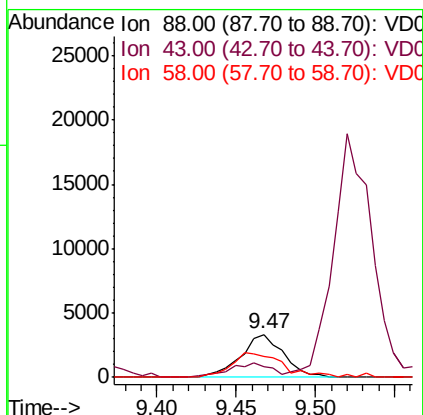
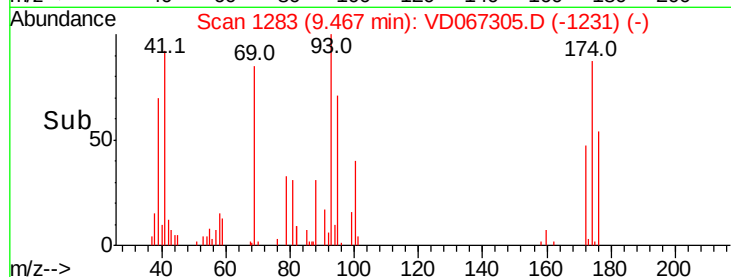
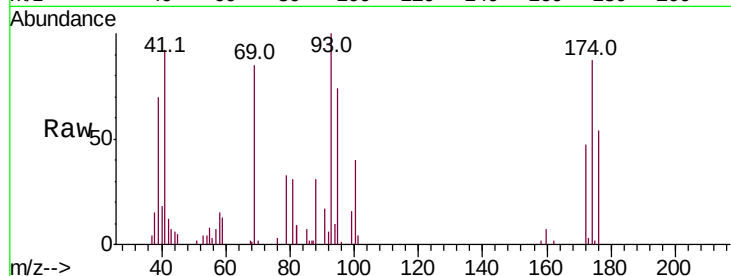
Tot Ion: 88 Resp: 6247

Ion Ratio Lower Upper

88 100

43 32.0 23.9 35.9

58 68.8 51.0 76.6



#50

Toluene-d8

Concen: 51.995 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067305.D

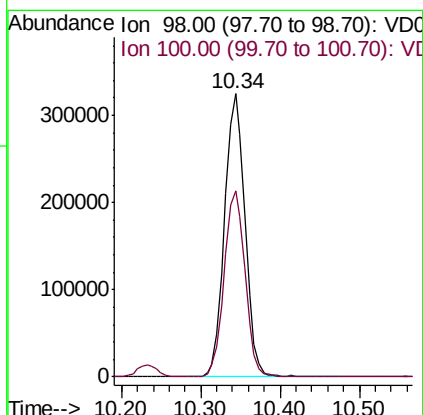
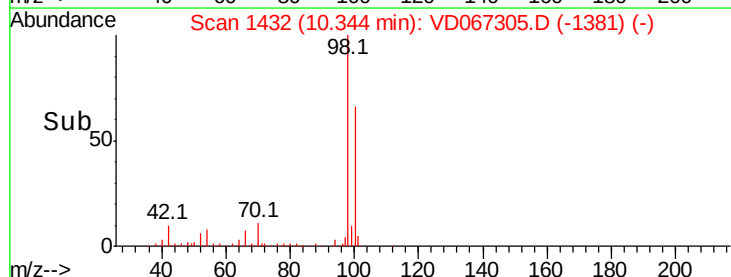
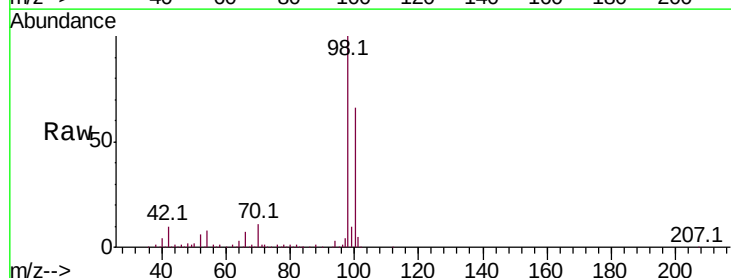
Acq: 19 Oct 2020 13:29

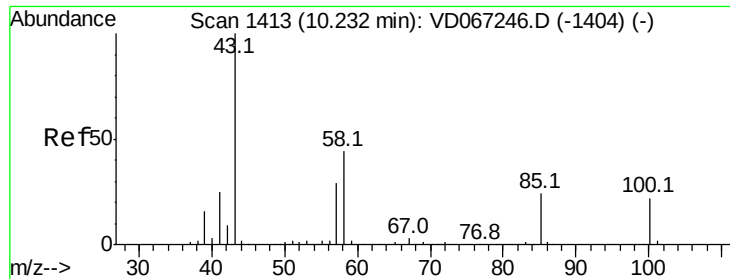
Tgt Ion: 98 Resp: 579697

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7

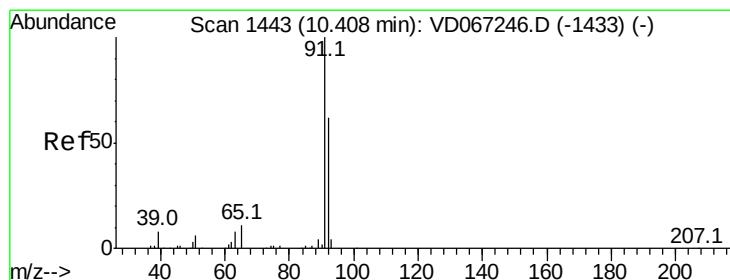
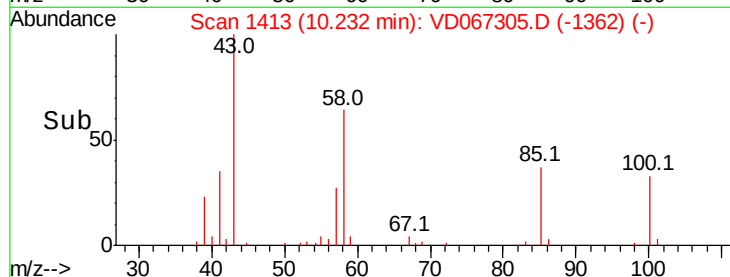
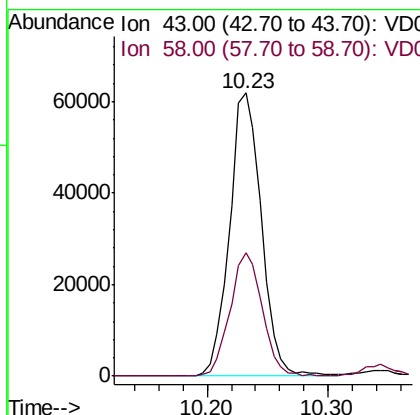
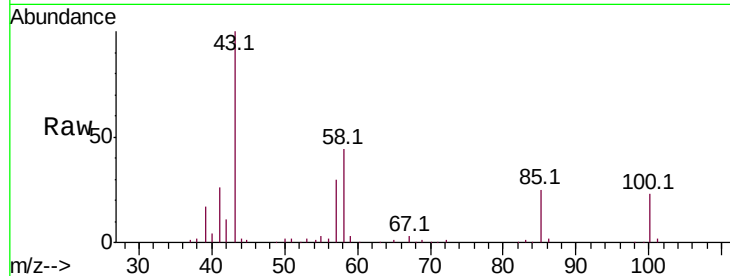




#51  
4-Methyl-2-Pentanone  
Concen: 99.538 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

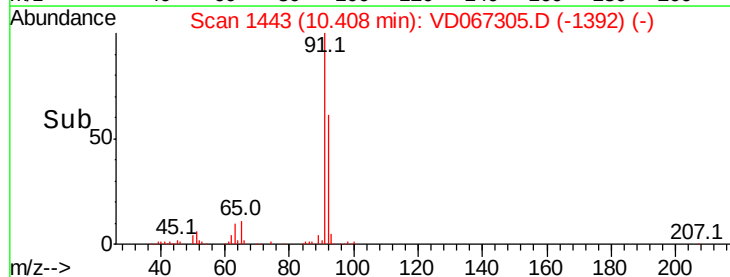
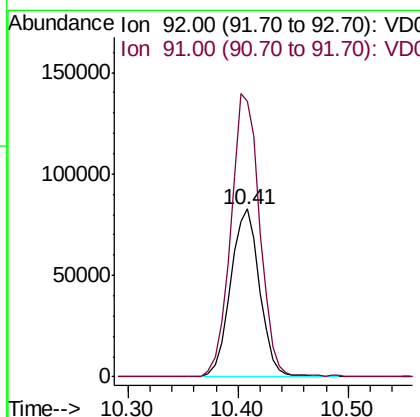
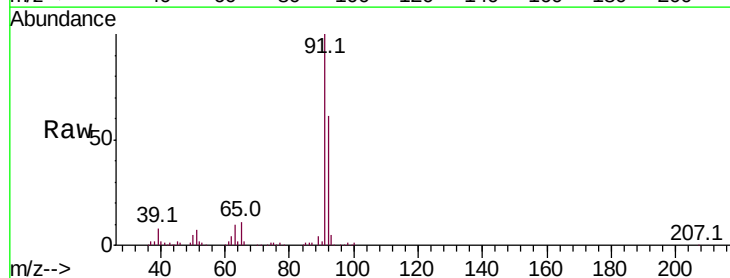
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

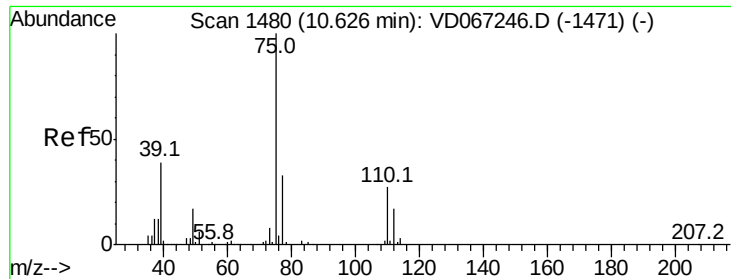
Tot Ion: 43 Resp: 113720  
Ion Ratio Lower Upper  
43 100  
58 43.9 35.7 53.5



#52  
Toluene  
Concen: 20.835 ug/l  
RT: 10.41 min Scan# 1443  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 92 Resp: 152751  
Ion Ratio Lower Upper  
92 100  
91 167.8 133.8 200.8

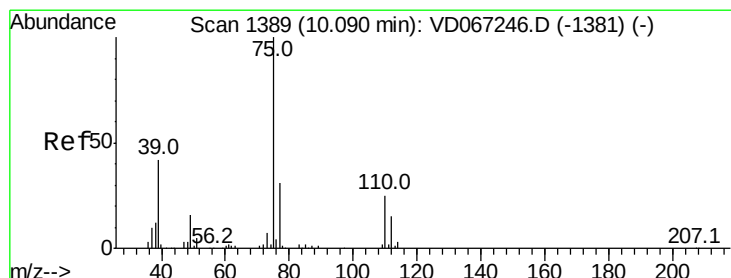
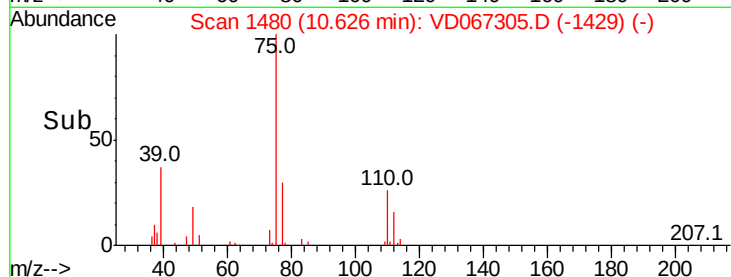
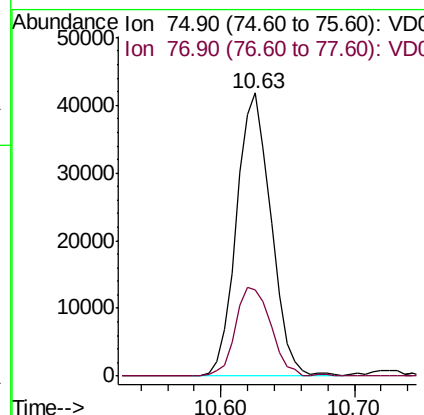
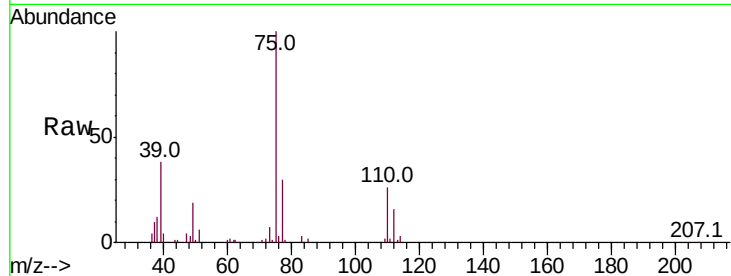




#53  
t-1,3-Dichloropropene  
Concen: 20.494 ug/l  
RT: 10.63 min Scan# 1480  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

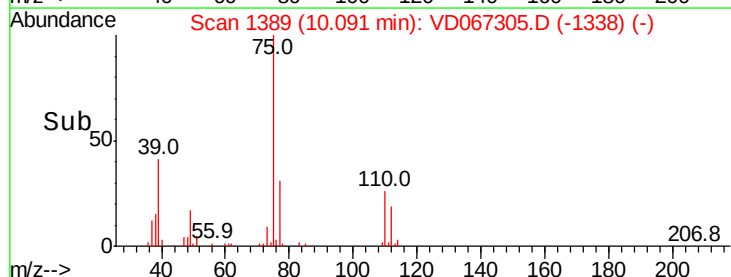
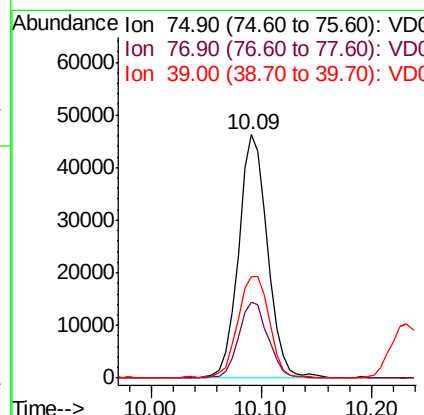
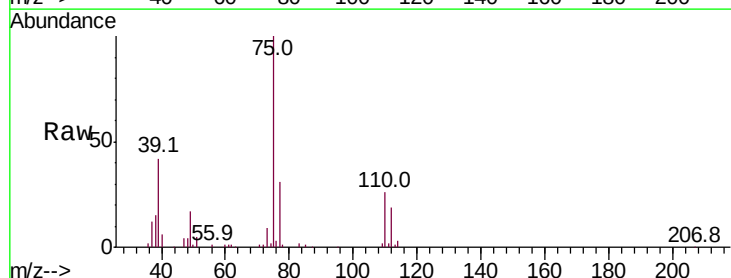
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

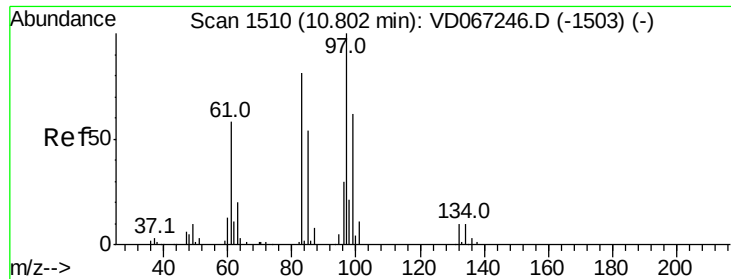
Tot Ion: 75 Resp: 74969  
Ion Ratio Lower Upper  
75 100  
77 30.3 26.5 39.7



#54  
cis-1,3-Dichloropropene  
Concen: 19.911 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 75 Resp: 85242  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.5 36.7  
39 41.8 33.7 50.5

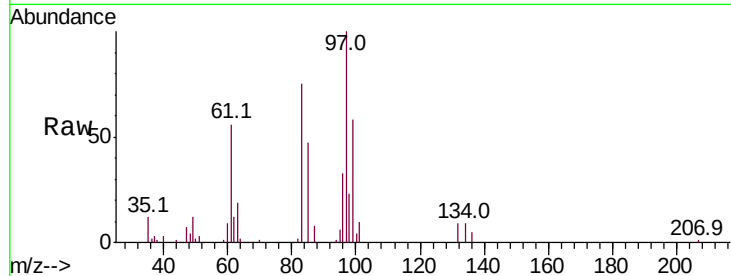




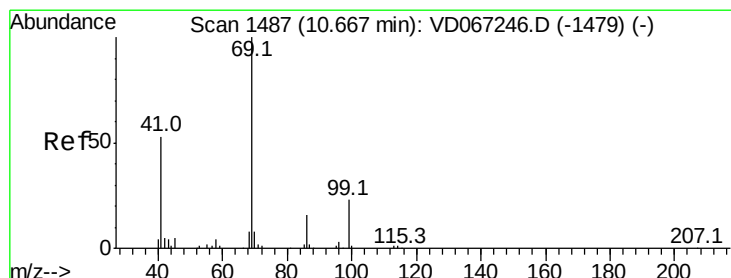
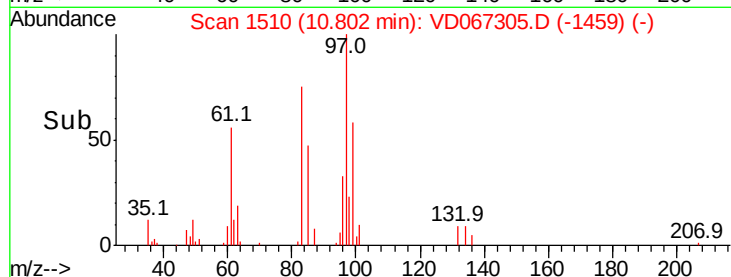
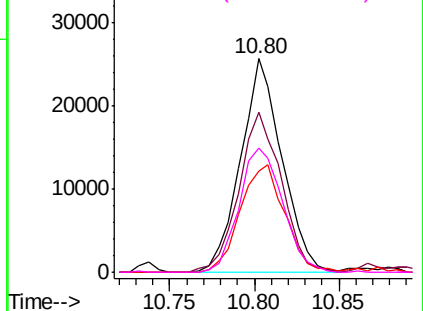
#55  
 1,1,2-Trichloroethane  
 Concen: 20.692 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1019SBS01

| Tot Ion: | 97    | Resp: | 43857 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 75.2  | 64.9  | 97.3  |
| 85       | 47.2  | 43.3  | 64.9  |
| 99       | 58.3  | 49.1  | 73.7  |

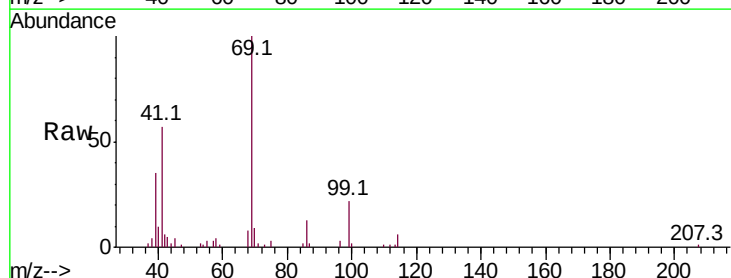


Abundance Ion 96.90 (96.60 to 97.60): VDC  
 Ion 82.90 (82.60 to 83.60): VDC  
 Ion 84.90 (84.60 to 85.60): VDC  
 Ion 98.90 (98.60 to 99.60): VDC

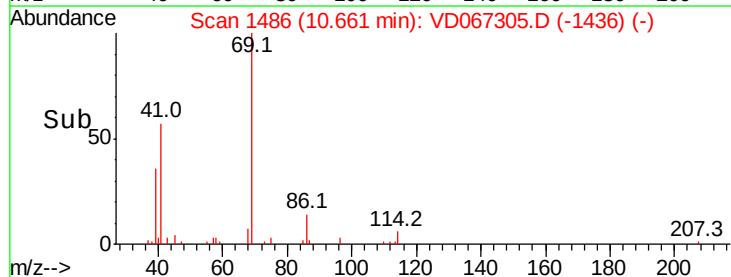
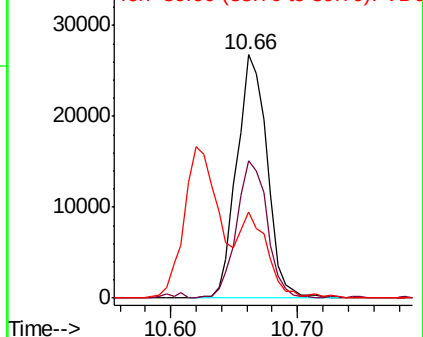


#56  
 Ethyl methacrylate  
 Concen: 20.261 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

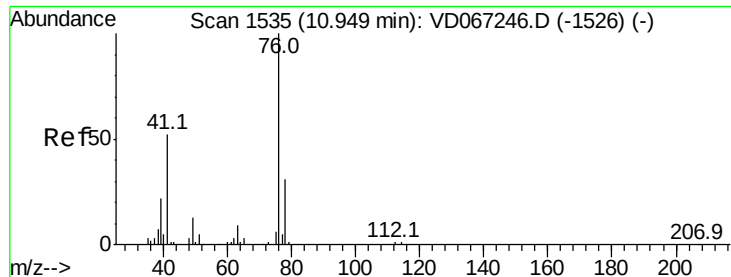
| Tgt Ion: | 69    | Resp: | 44537 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 57.3  | 44.7  | 67.1  |
| 39       | 30.0  | 26.2  | 39.2  |



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







#57

1,3-Dichloropropane

Concen: 20.410 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

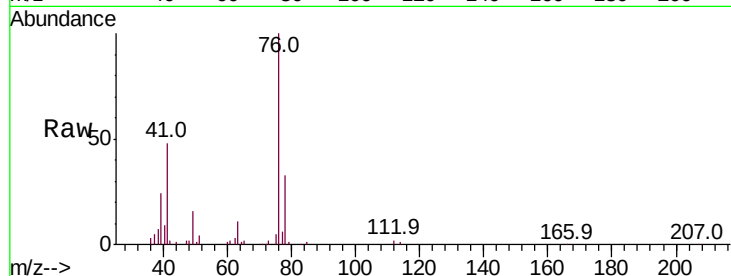
VD1019SBS01

Tot Ion: 76 Resp: 68842

Ion Ratio Lower Upper

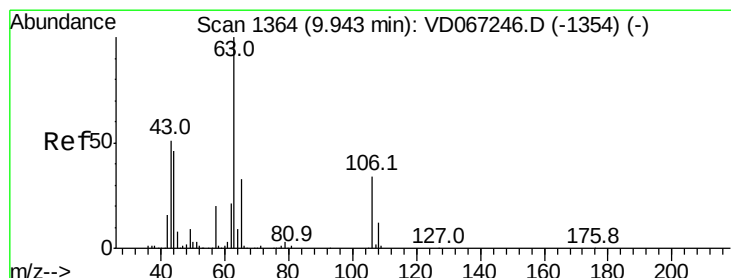
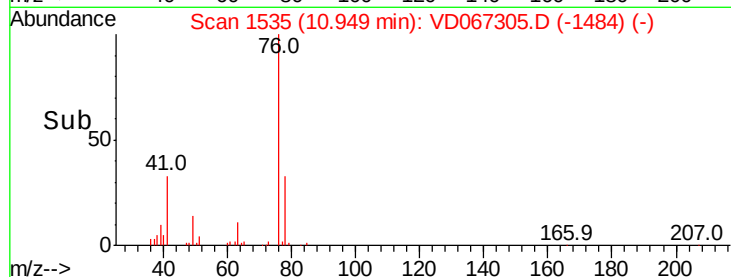
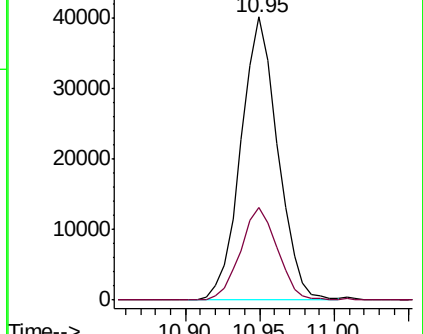
76 100

78 32.5 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 102.155 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067305.D

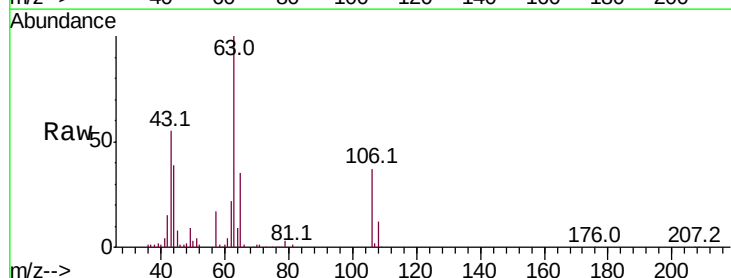
Acq: 19 Oct 2020 13:29

Tgt Ion: 63 Resp: 115193

Ion Ratio Lower Upper

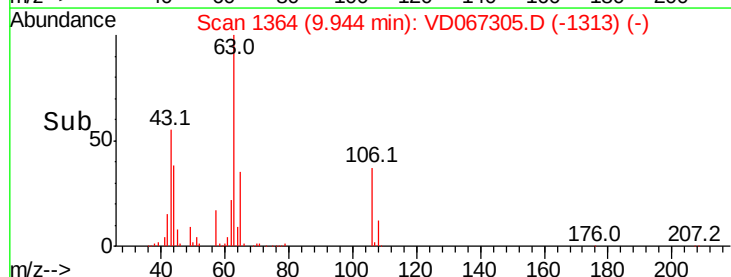
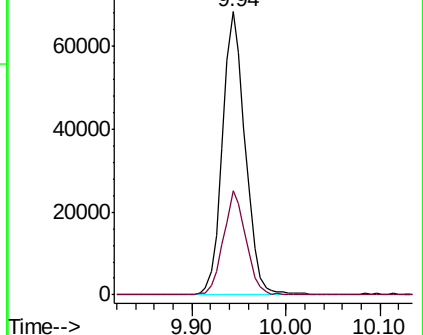
63 100

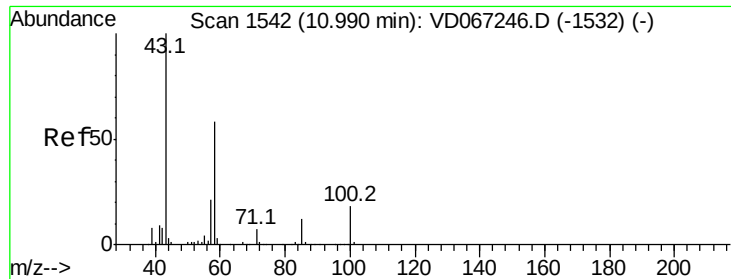
106 36.4 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

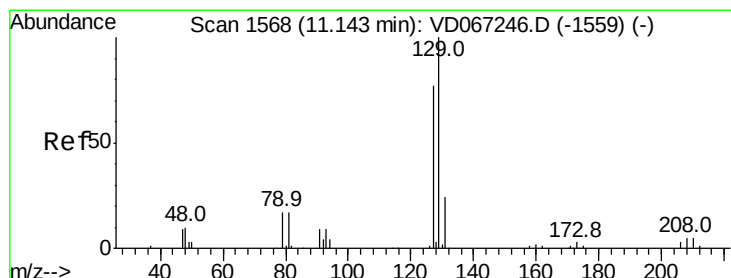
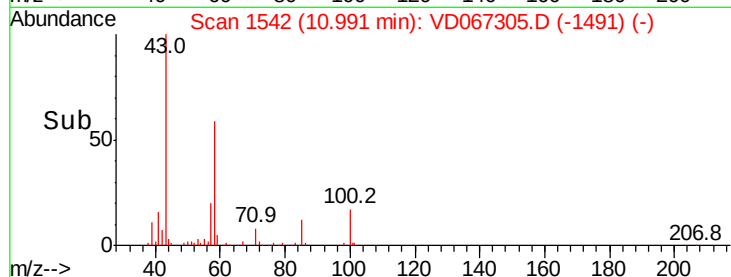
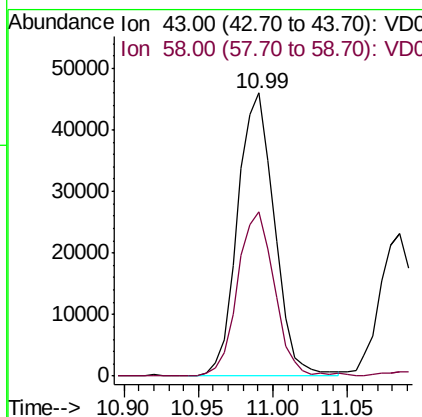
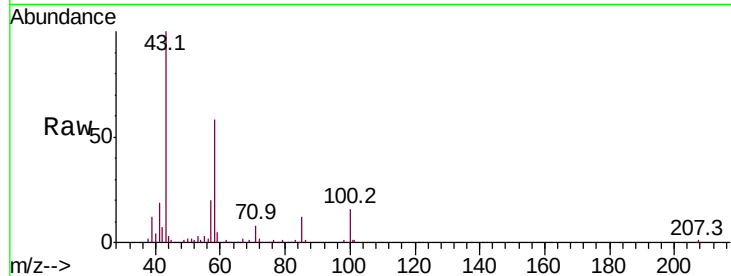




#59  
2-Hexanone  
Concen: 100.850 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

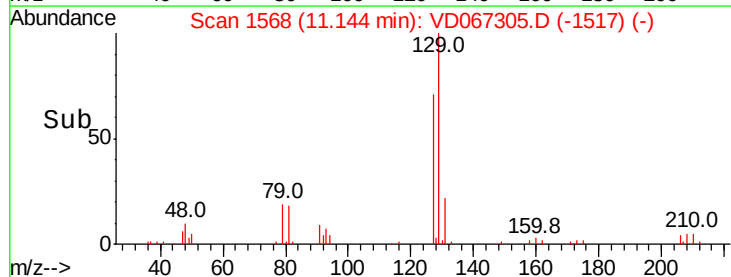
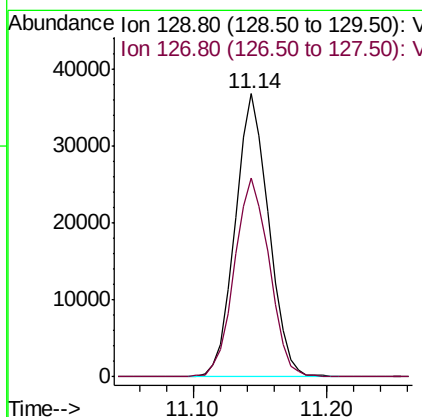
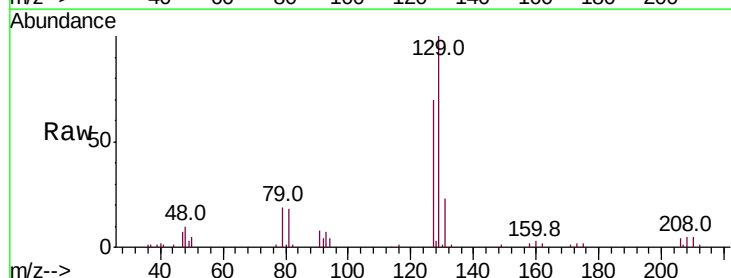
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

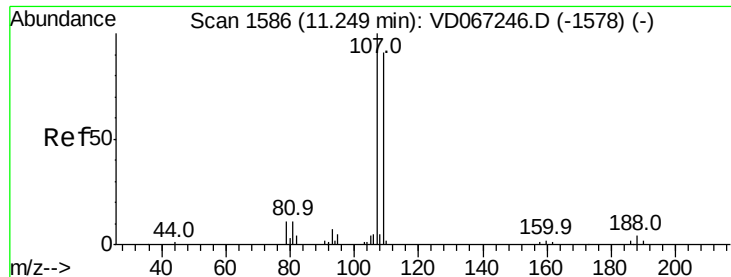
Tot Ion: 43 Resp: 78733  
Ion Ratio Lower Upper  
43 100  
58 58.2 29.3 87.9



#60  
Dibromochloromethane  
Concen: 20.635 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 129 Resp: 63783  
Ion Ratio Lower Upper  
129 100  
127 73.4 38.3 114.8

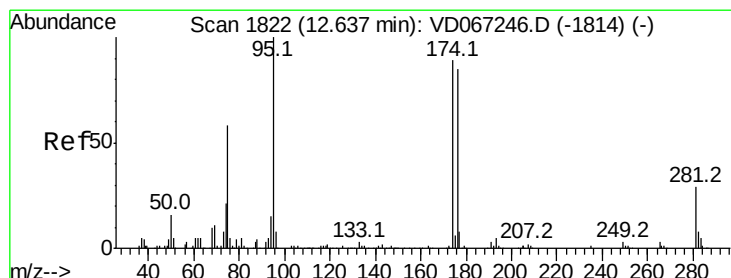
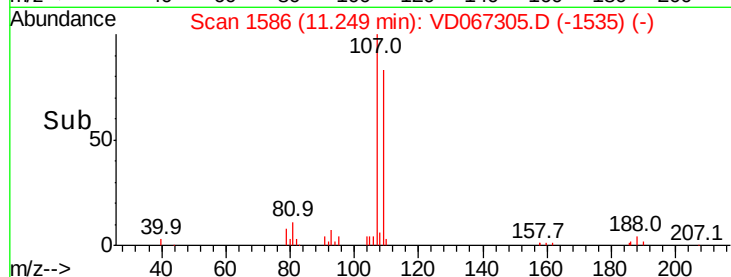
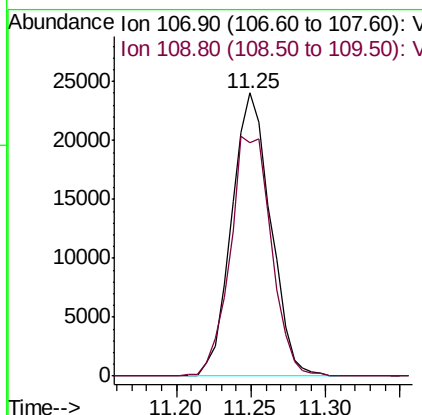
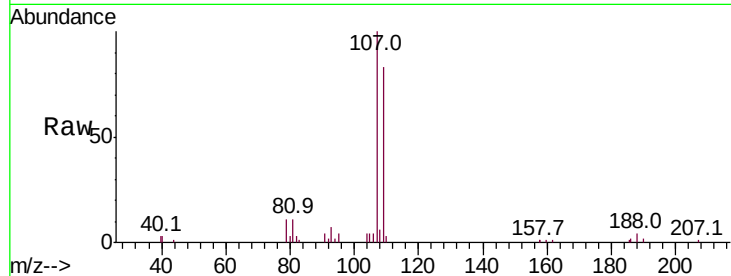




#61  
 1,2-Dibromoethane  
 Concen: 20.896 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

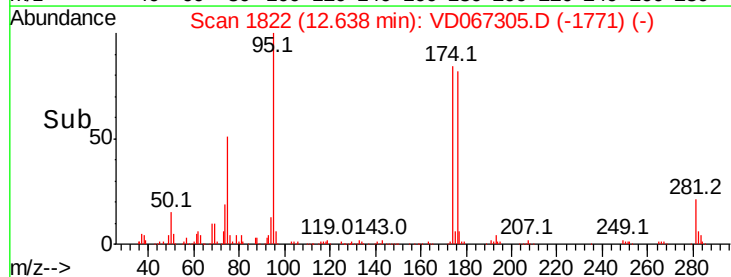
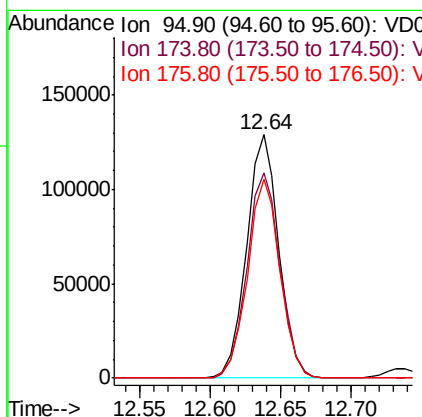
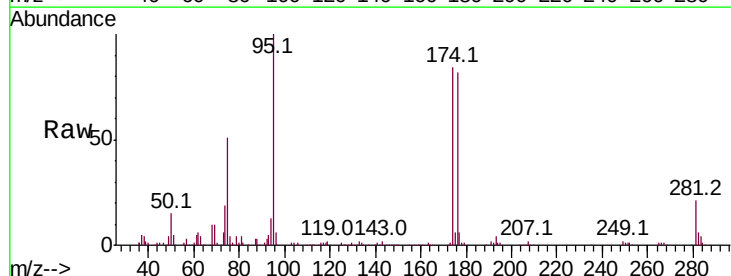
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1019SBS01

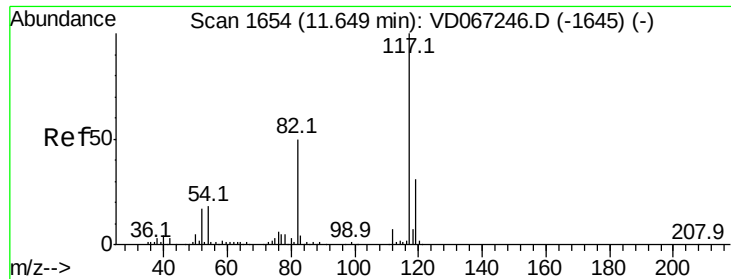
Tot Ion:107 Resp: 43662  
 Ion Ratio Lower Upper  
 107 100  
 109 89.8 74.6 112.0



#62  
 4-Bromofluorobenzene  
 Concen: 53.113 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

Tgt Ion: 95 Resp: 205906  
 Ion Ratio Lower Upper  
 95 100  
 174 86.9 0.0 175.2  
 176 82.5 0.0 168.6

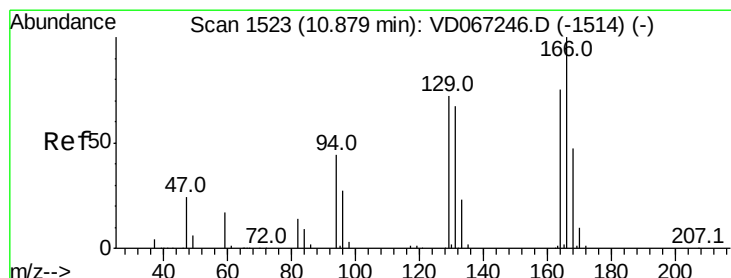
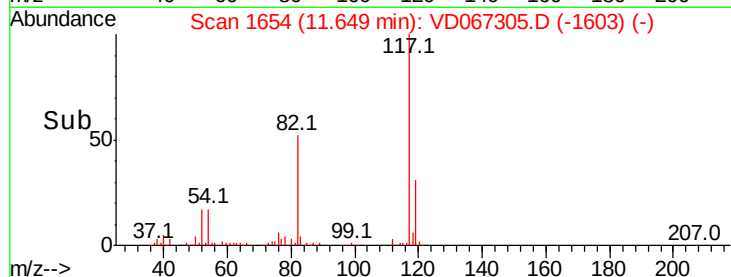
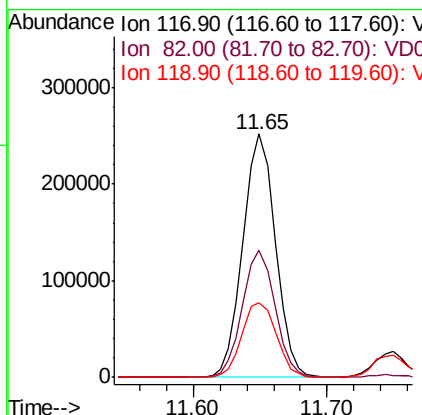
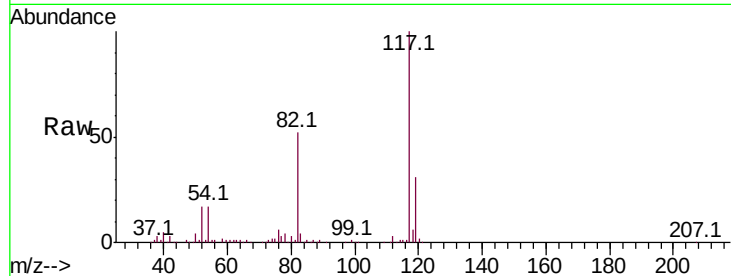




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

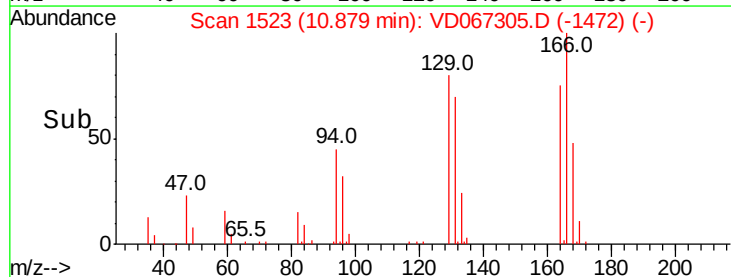
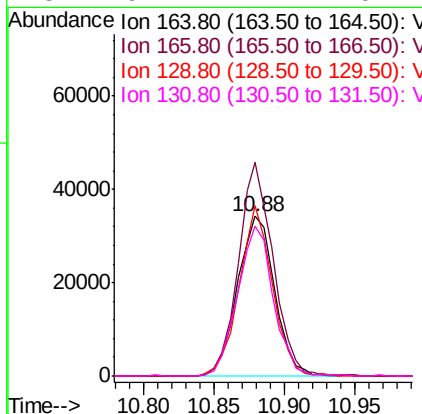
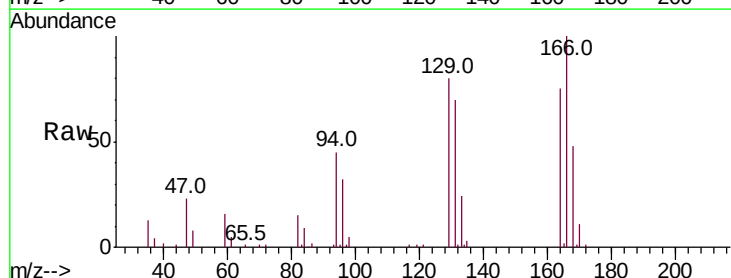
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

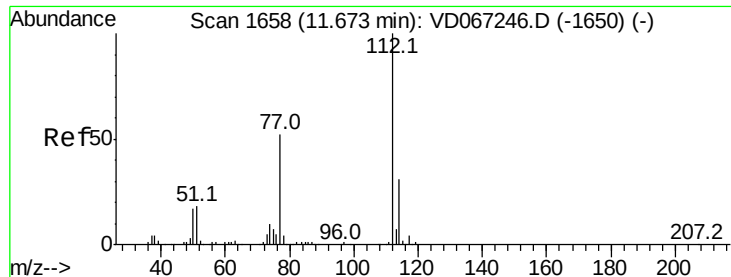
Tot Ion:117 Resp: 426105  
Ion Ratio Lower Upper  
117 100  
82 52.4 39.9 59.9  
119 30.8 24.9 37.3



#64  
Tetrachloroethene  
Concen: 20.326 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion:164 Resp: 62751  
Ion Ratio Lower Upper  
164 100  
166 133.9 107.3 160.9  
129 106.6 77.3 115.9  
131 94.2 71.4 107.2





#65

Chlorobenzene

Concen: 20.818 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

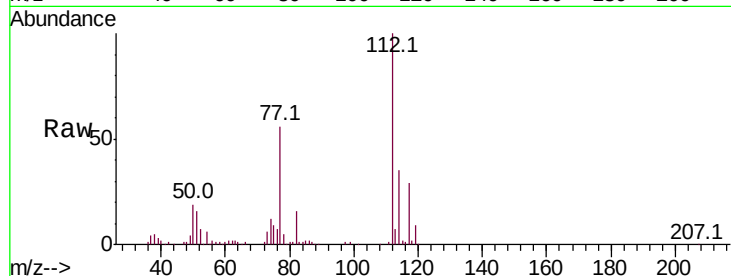
VD1019SBS01

Tot Ion:112 Resp: 170108

Ion Ratio Lower Upper

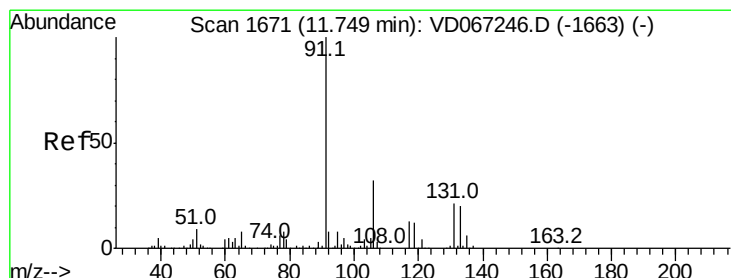
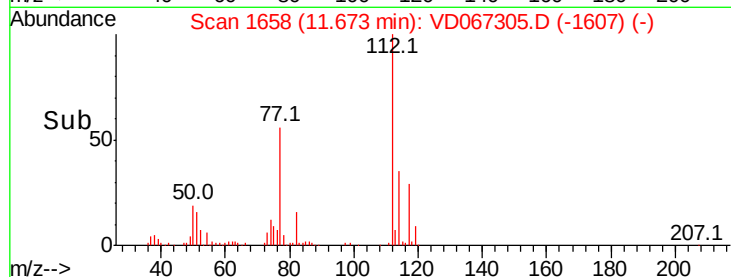
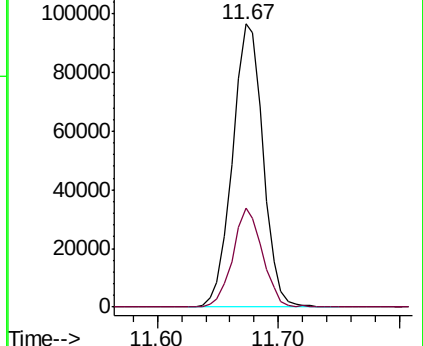
112 100

114 35.0 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.642 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

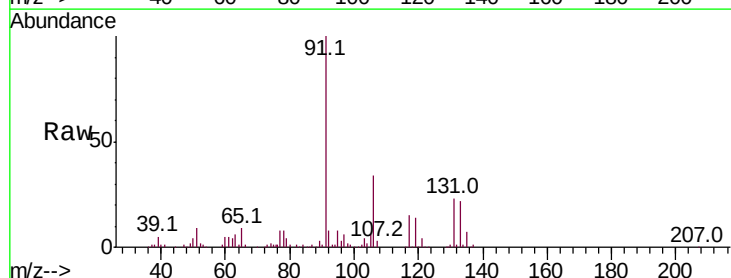
Tgt Ion:131 Resp: 67034

Ion Ratio Lower Upper

131 100

133 96.5 48.1 144.3

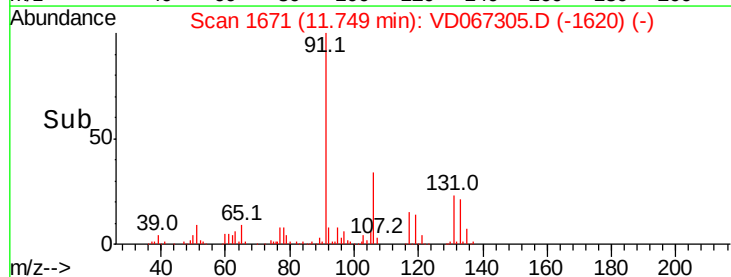
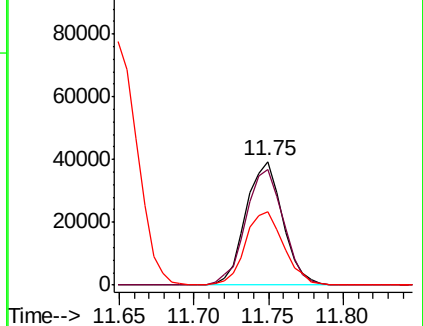
119 61.6 30.0 90.0

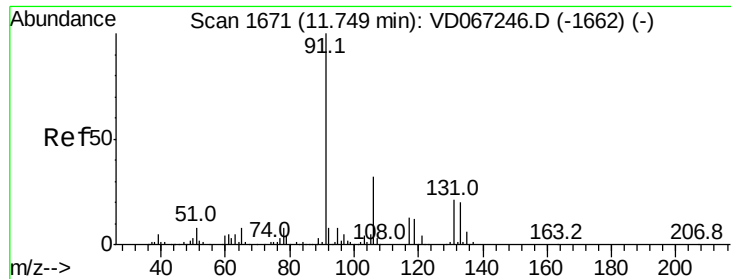


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.280 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

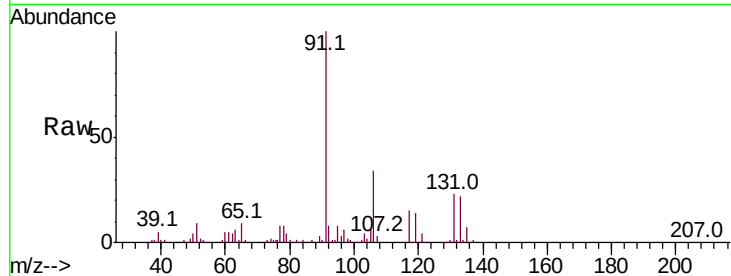
VD1019SBS01

Tot Ion: 91 Resp: 284053

Ion Ratio Lower Upper

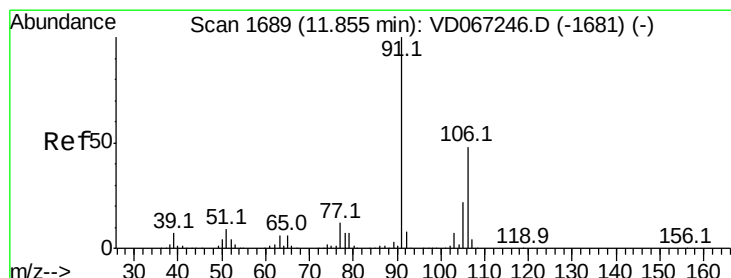
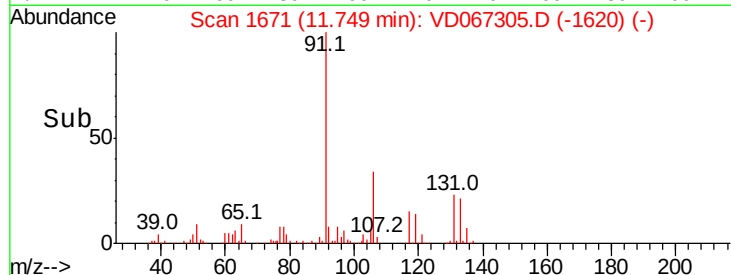
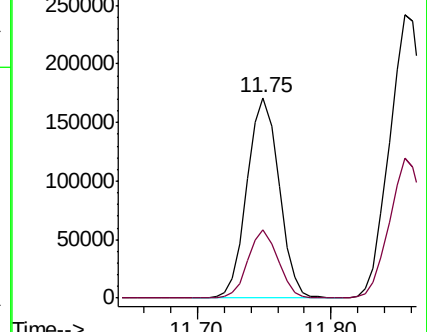
91 100

106 34.2 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 41.676 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067305.D

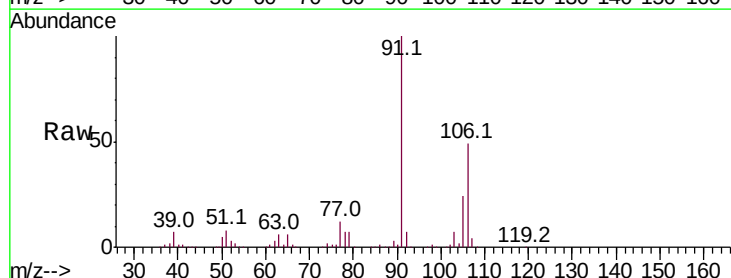
Acq: 19 Oct 2020 13:29

Tgt Ion: 106 Resp: 224792

Ion Ratio Lower Upper

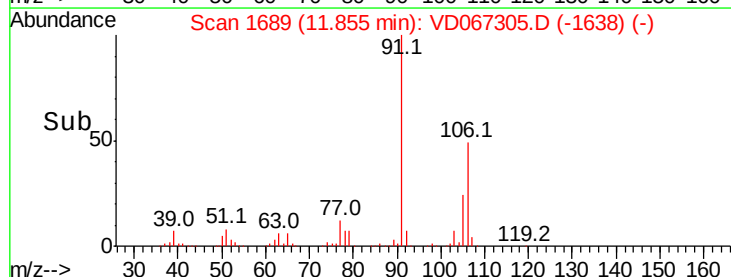
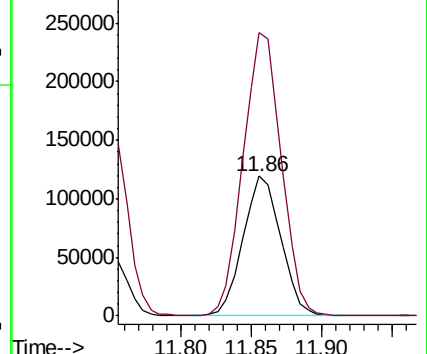
106 100

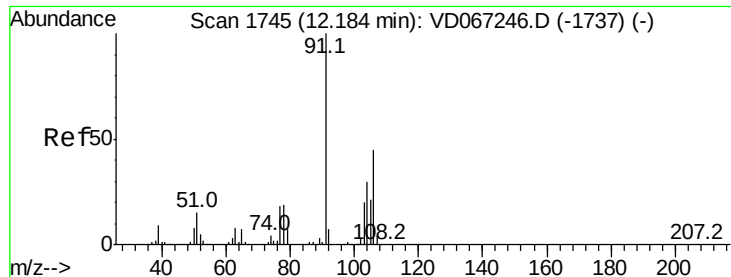
91 204.8 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

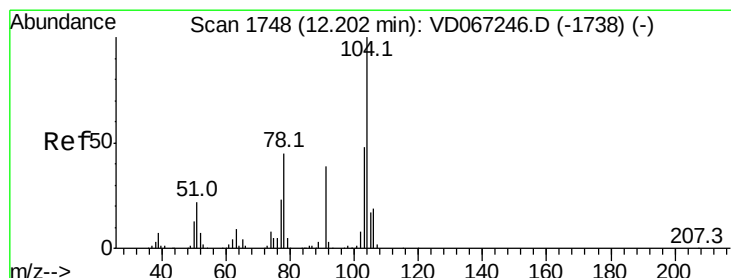
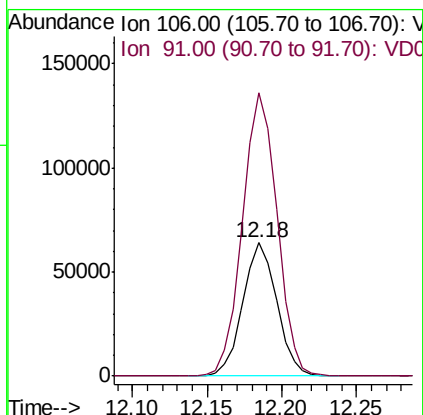
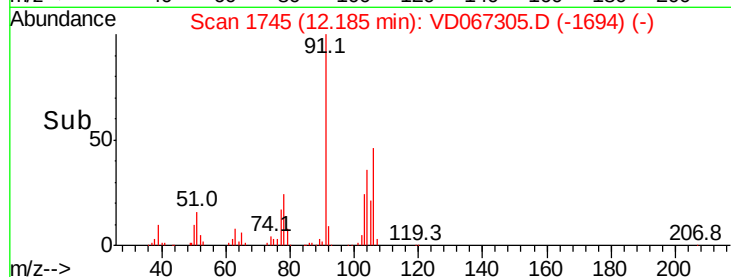
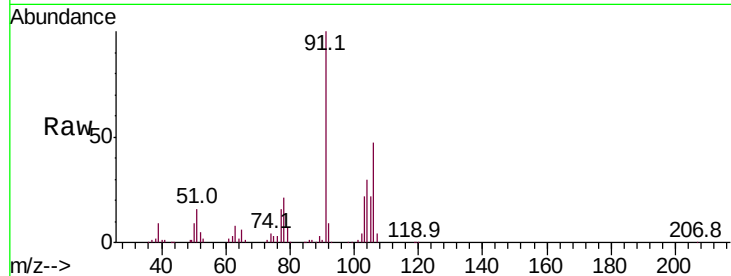




#69  
o-Xylene  
Concen: 20.255 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

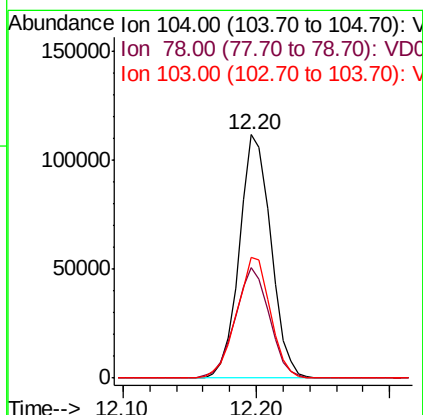
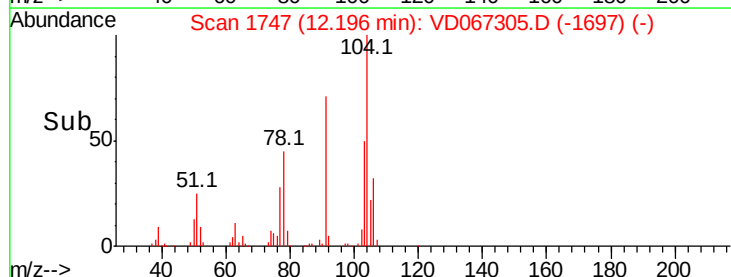
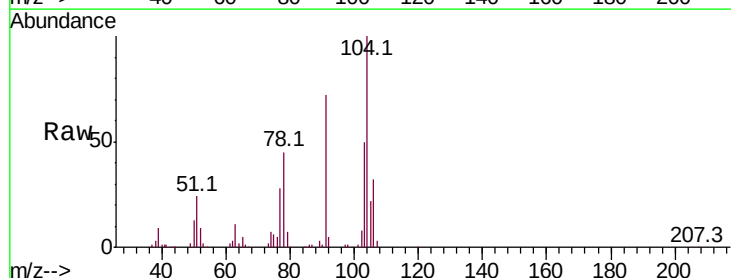
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

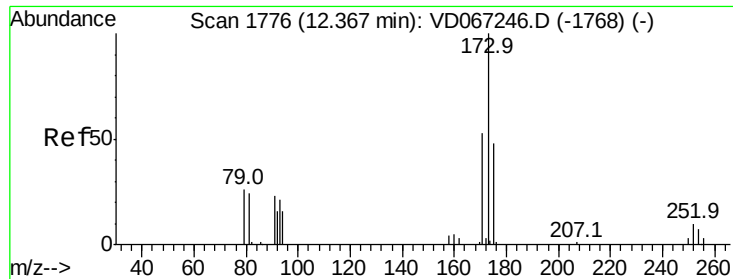
Tot Ion:106 Resp: 101168  
Ion Ratio Lower Upper  
106 100  
91 215.8 109.1 327.3



#70  
Styrene  
Concen: 21.264 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. -0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion:104 Resp: 182826  
Ion Ratio Lower Upper  
104 100  
78 49.4 39.8 59.6  
103 53.3 42.6 64.0





#71

Bromoform

Concen: 19.919 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

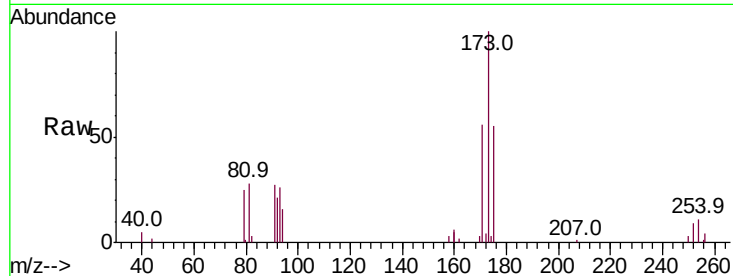
Tot Ion:173 Resp: 34751

Ion Ratio Lower Upper

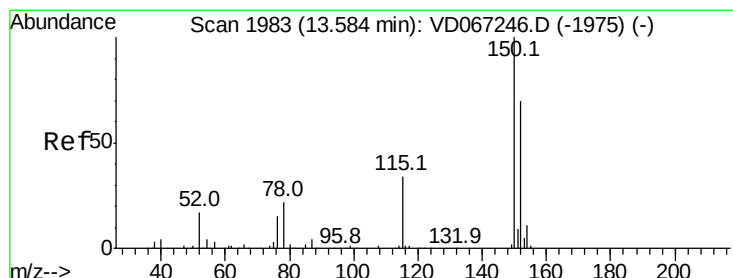
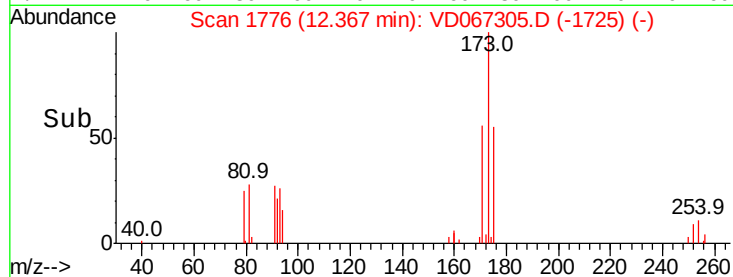
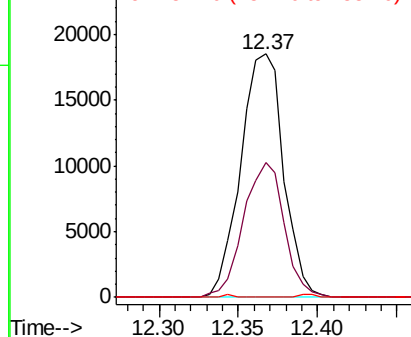
173 100

175 52.7 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

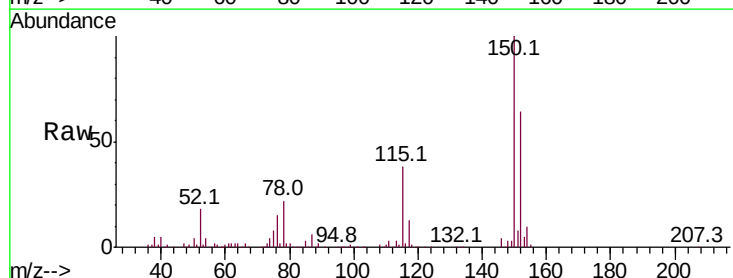
Tgt Ion:152 Resp: 220636

Ion Ratio Lower Upper

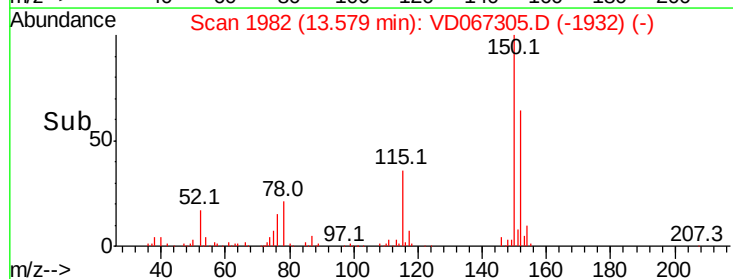
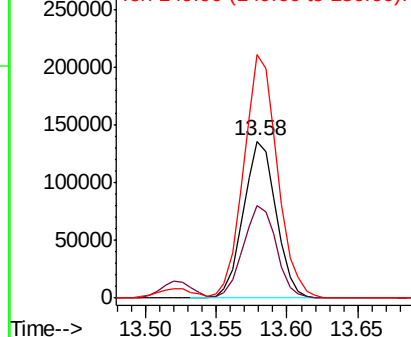
152 100

115 59.6 29.3 87.9

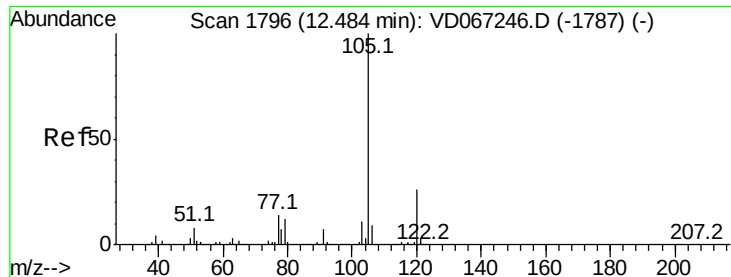
150 160.2 0.0 339.0



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







#73

Isopropylbenzene

Concen: 20.461 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

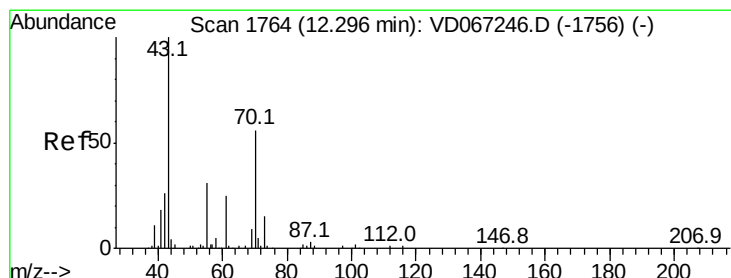
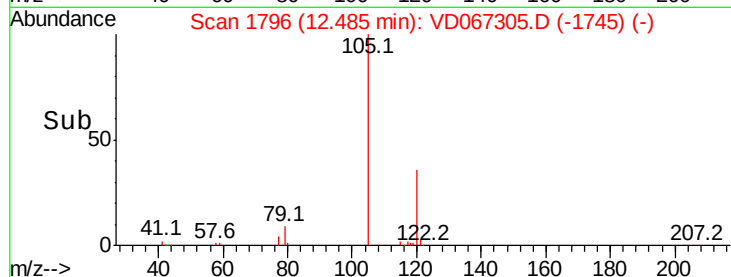
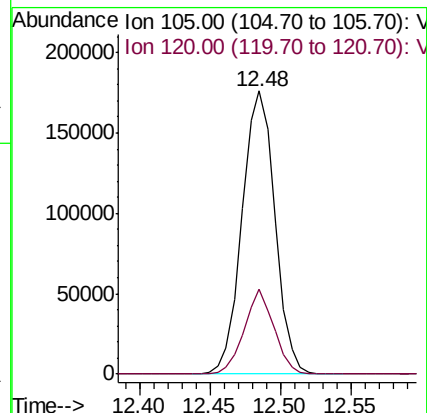
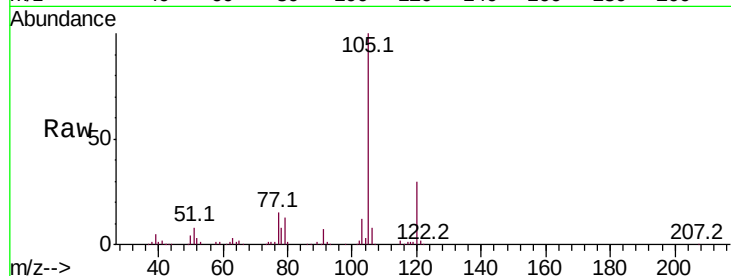
VD1019SBS01

Tot Ion:105 Resp: 286520

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.8



#74

N-ethyl acetate

Concen: 19.953 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Tgt Ion: 43 Resp: 42199

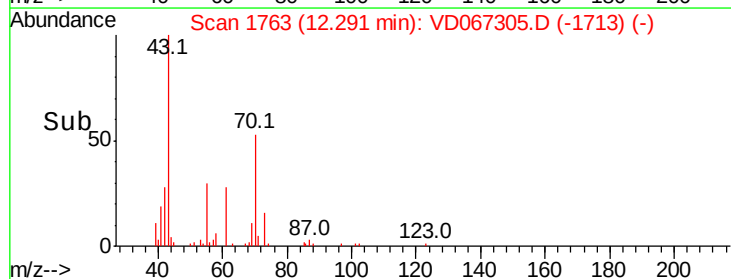
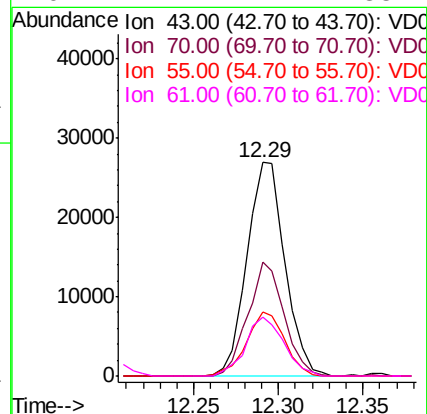
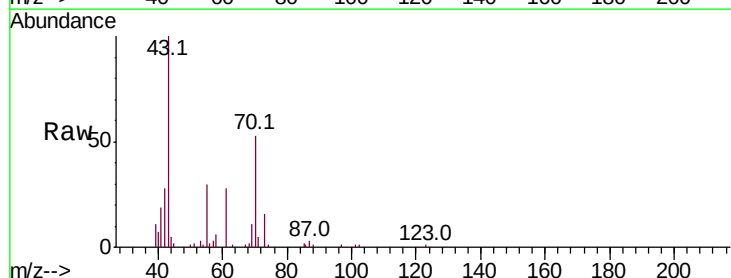
Ion Ratio Lower Upper

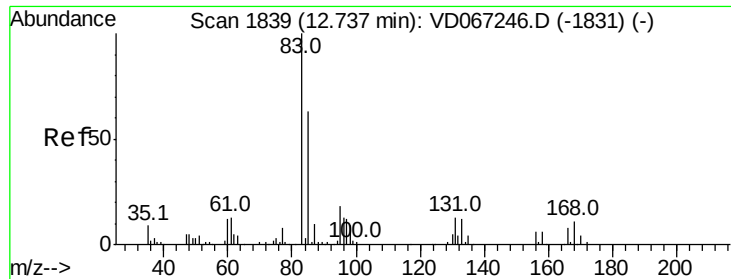
43 100

70 50.6 42.7 64.1

55 30.1 24.0 36.0

61 27.7 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.841 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

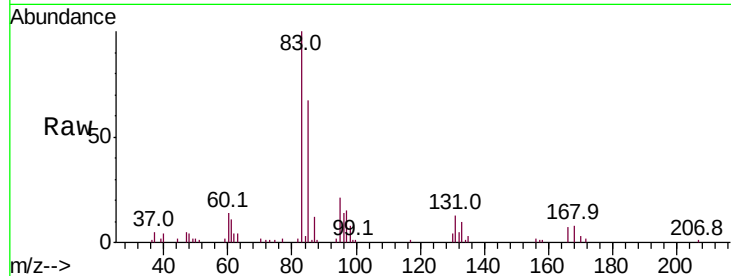
Tot Ion: 83 Resp: 42570

Ion Ratio Lower Upper

83 100

131 14.3 6.5 19.5

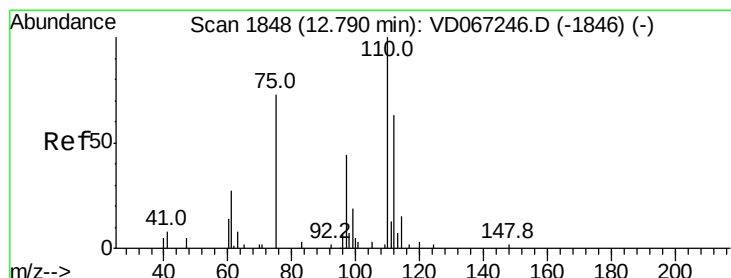
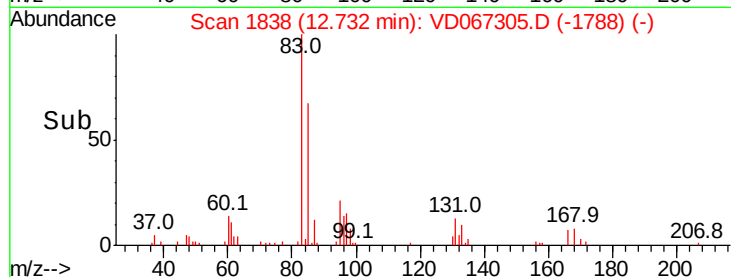
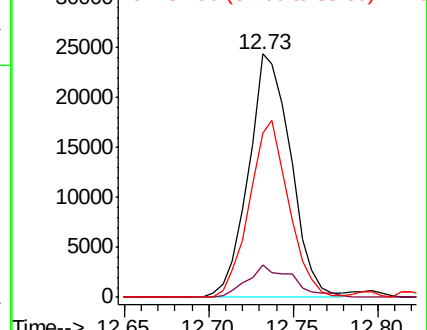
85 67.5 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 39.095 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067305.D

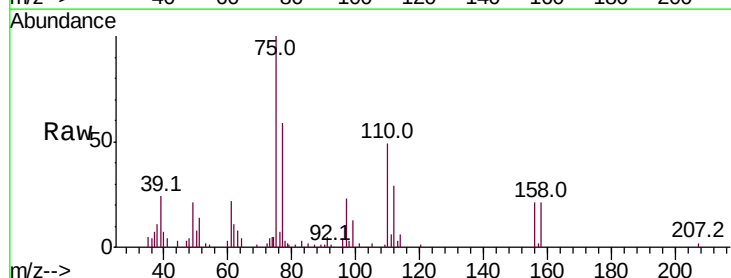
Acq: 19 Oct 2020 13:29

Tgt Ion: 75 Resp: 59784

Ion Ratio Lower Upper

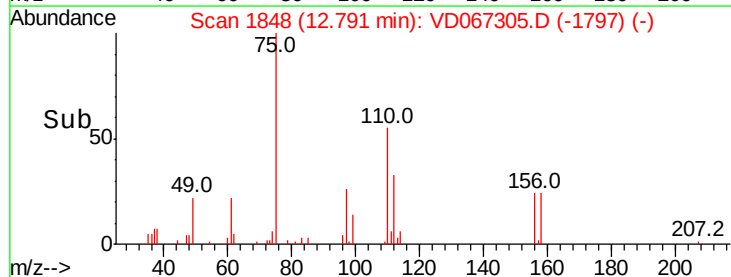
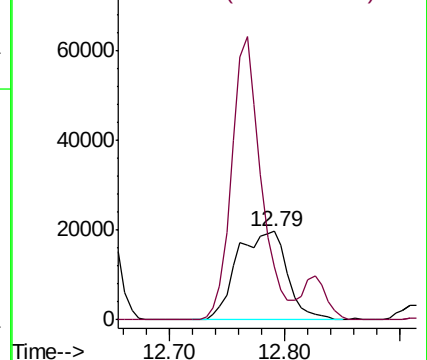
75 100

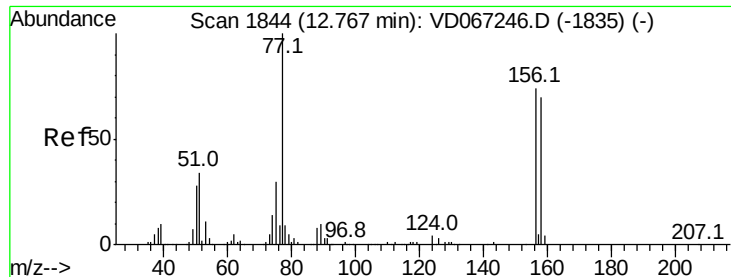
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

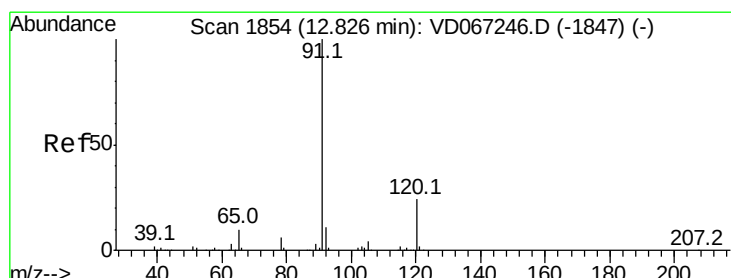
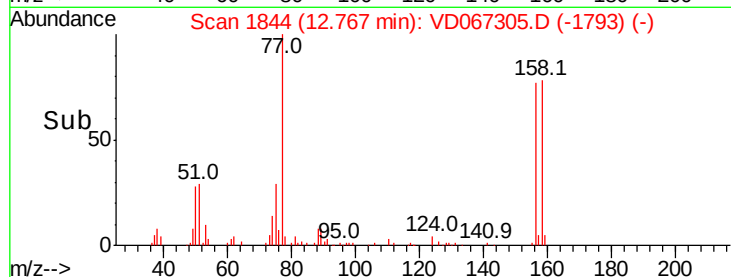
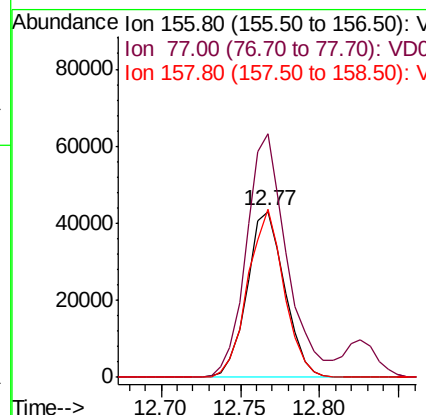
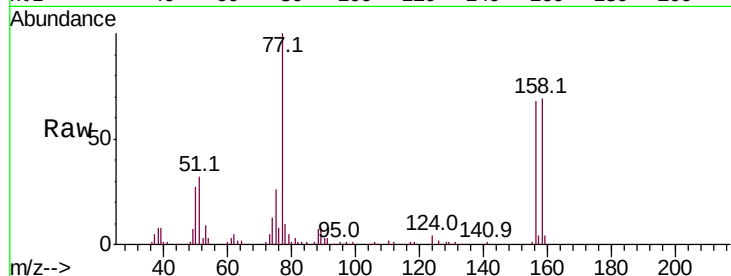




#77  
Bromobenzene  
Concen: 20.321 ug/l  
RT: 12.77 min Scan# 1844  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

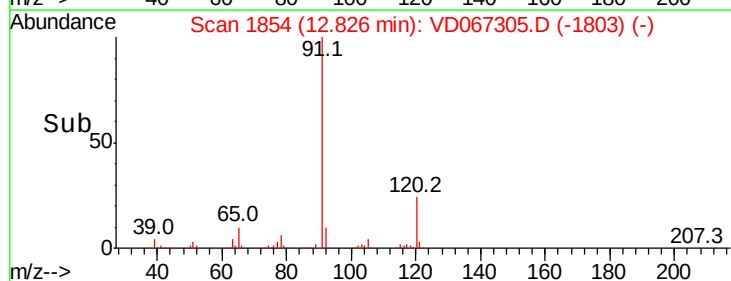
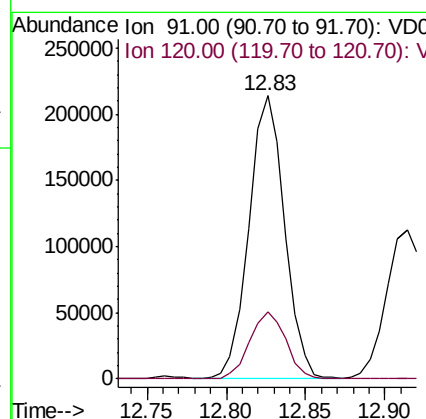
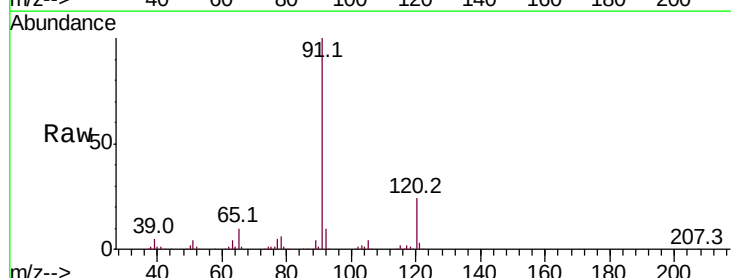
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

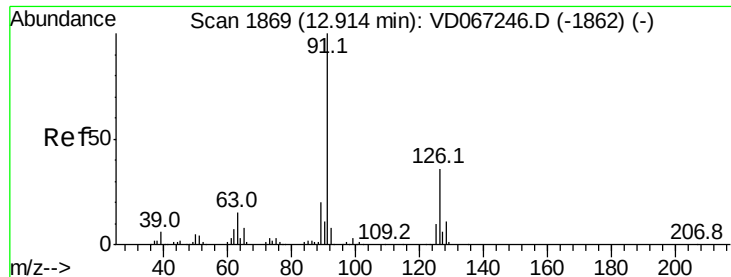
Tot Ion:156 Resp: 70943  
Ion Ratio Lower Upper  
156 100  
77 158.6 78.0 233.8  
158 97.7 49.1 147.3



#78  
n-propylbenzene  
Concen: 20.496 ug/l  
RT: 12.83 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 91 Resp: 332539  
Ion Ratio Lower Upper  
91 100  
120 24.1 11.9 35.9





#79

2-Chlorotoluene

Concen: 20.330 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

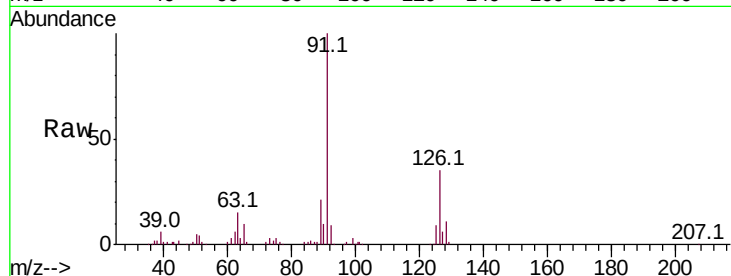
VD1019SBS01

Tot Ion: 91 Resp: 191284

Ion Ratio Lower Upper

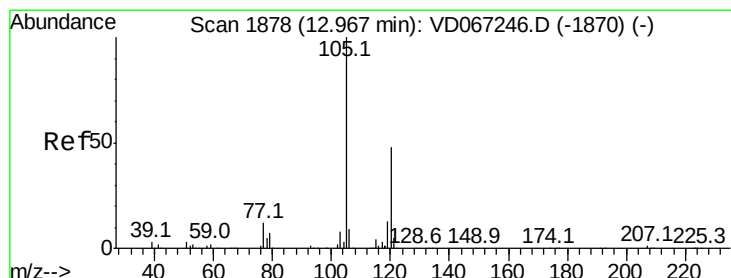
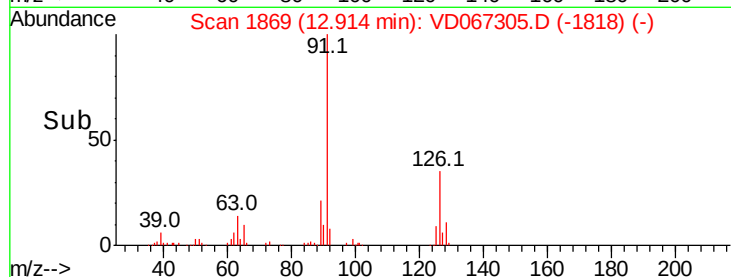
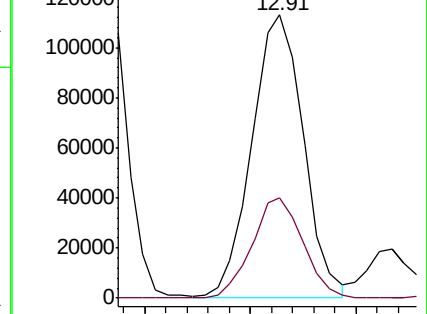
91 100

126 35.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.652 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067305.D

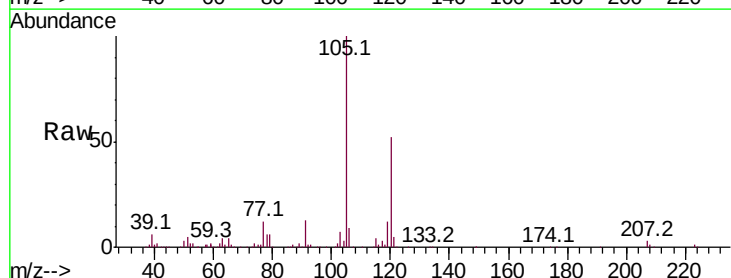
Acq: 19 Oct 2020 13:29

Tgt Ion: 105 Resp: 251302

Ion Ratio Lower Upper

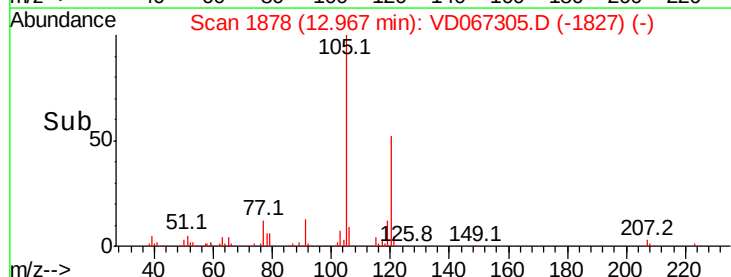
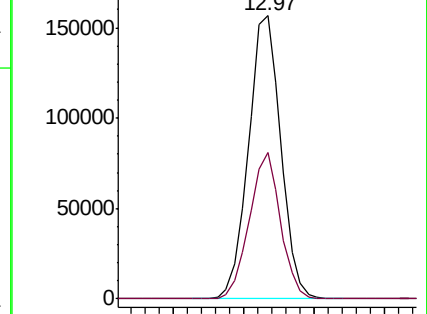
105 100

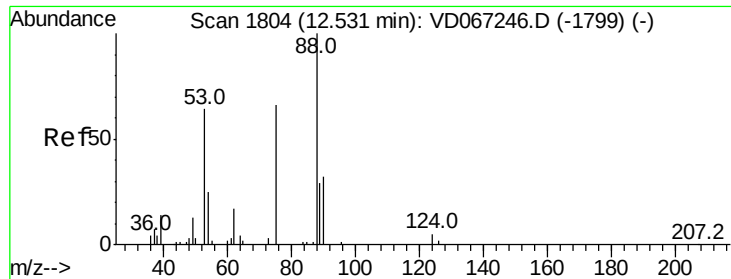
120 49.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

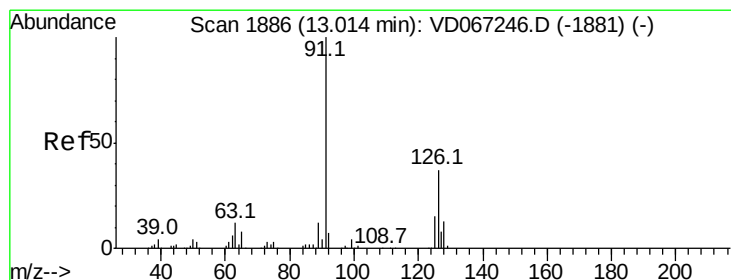
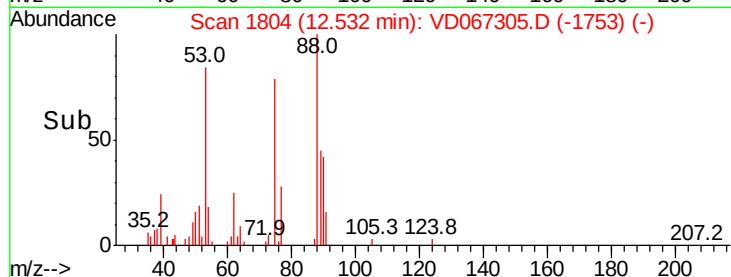
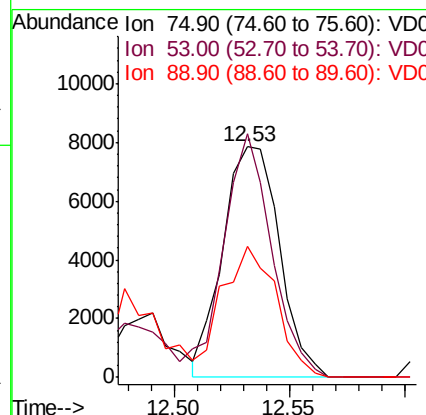
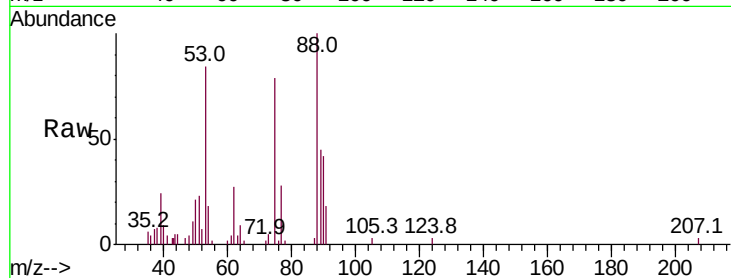




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.852 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

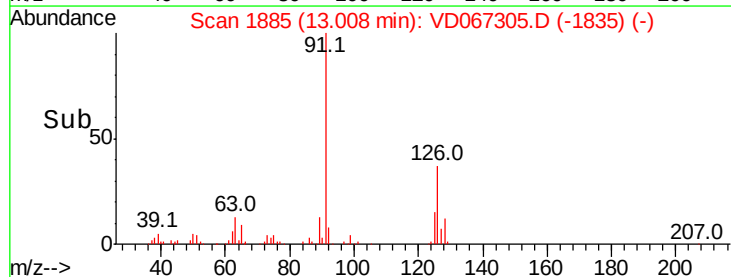
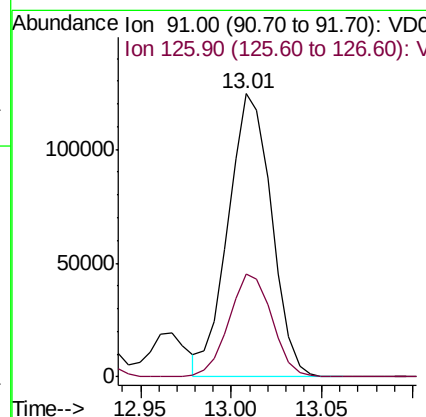
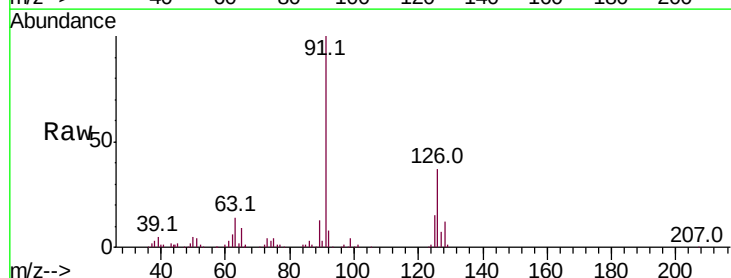
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

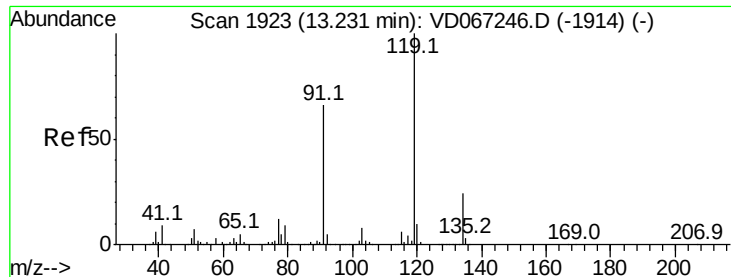
Tot Ion: 75 Resp: 13387  
Ion Ratio Lower Upper  
75 100  
53 90.3 78.5 117.7  
89 54.5 39.9 59.9



#82  
4-Chlorotoluene  
Concen: 20.709 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 91 Resp: 206800  
Ion Ratio Lower Upper  
91 100  
126 36.3 17.8 53.5

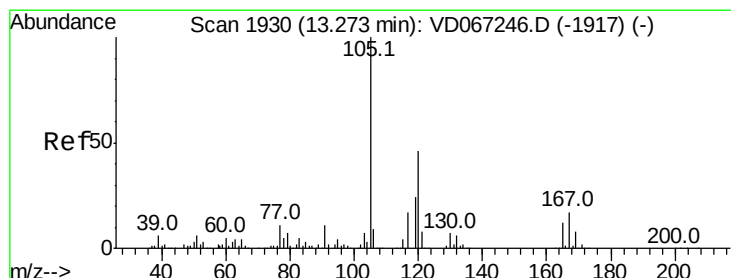
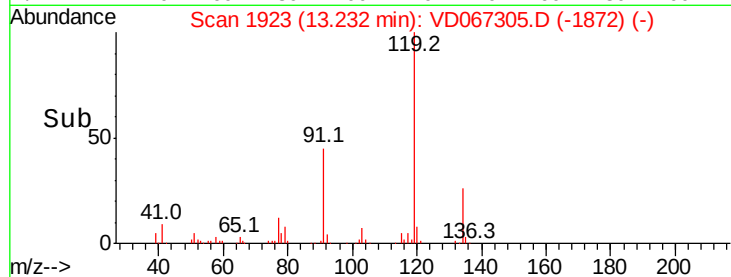
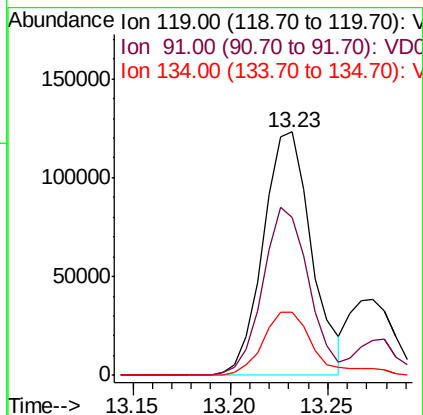
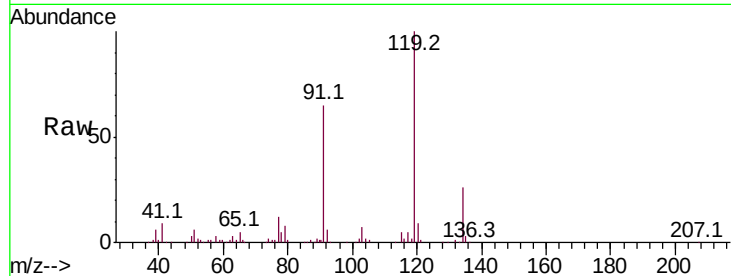




#83  
tert-Butylbenzene  
Concen: 20.574 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

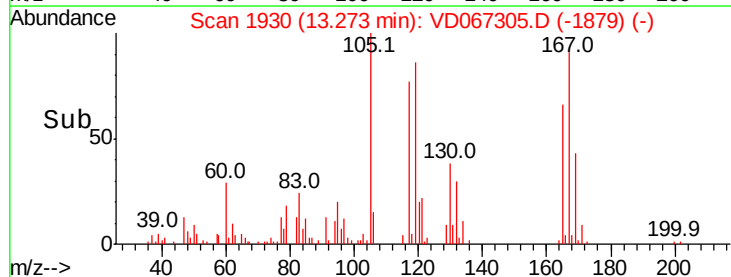
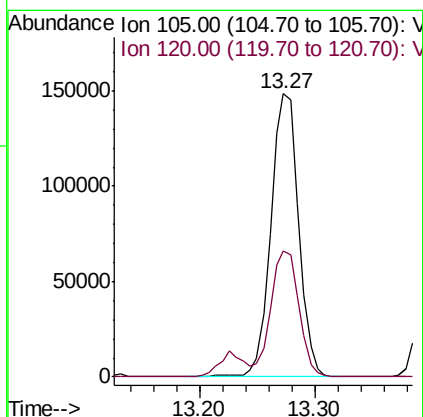
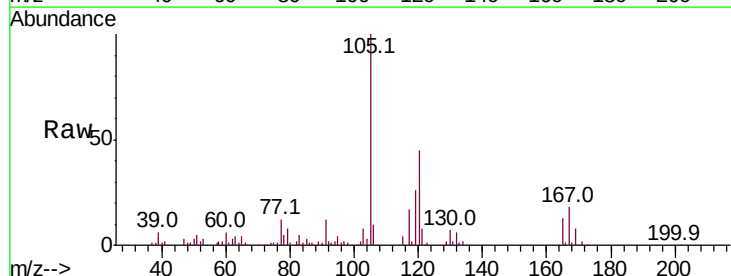
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

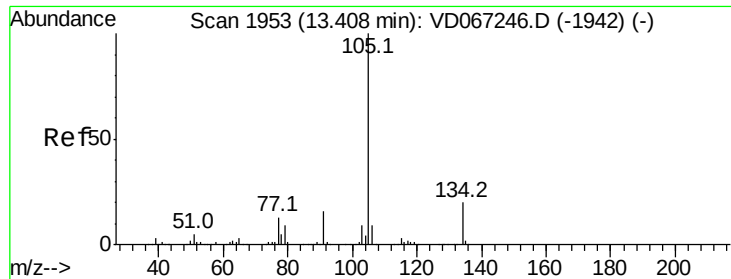
Tot Ion:119 Resp: 211478  
Ion Ratio Lower Upper  
119 100  
91 65.8 33.1 99.2  
134 27.8 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 20.649 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion:105 Resp: 248344  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.4 67.3

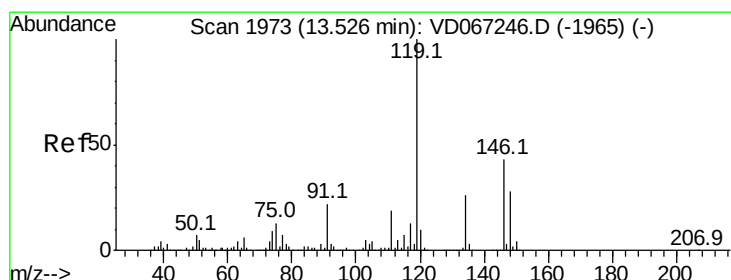
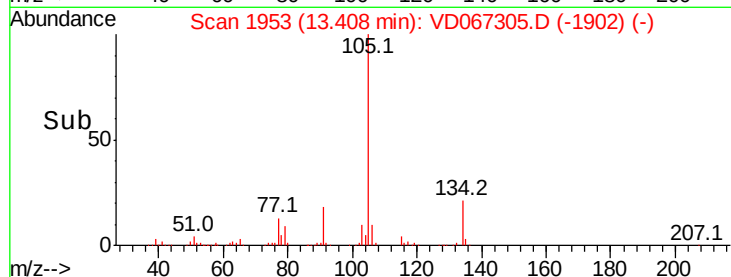
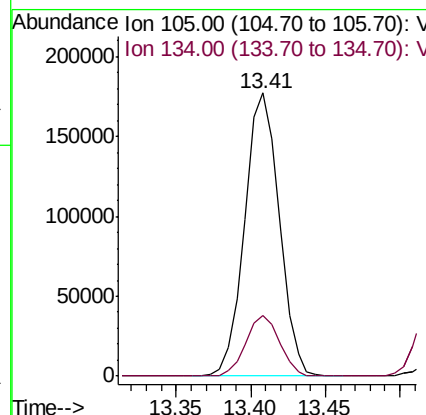
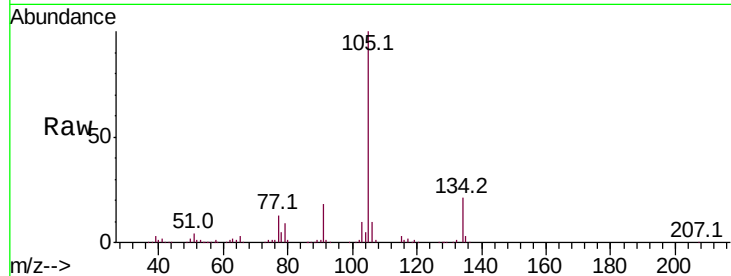




#85  
 sec-Butylbenzene  
 Concen: 20.150 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. 0.00 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

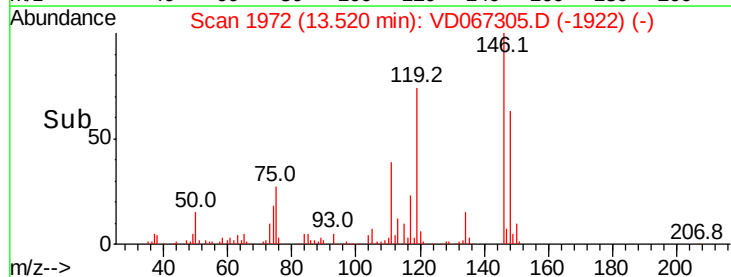
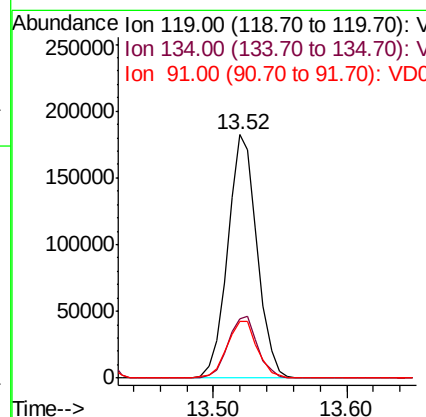
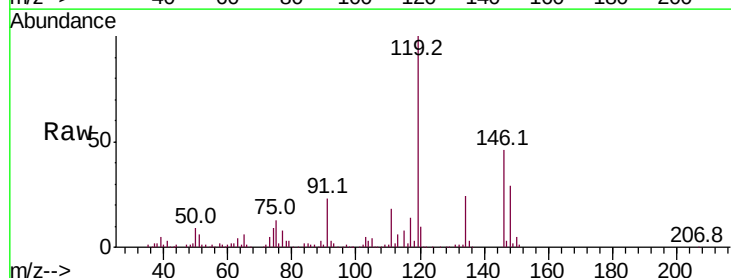
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1019SBS01

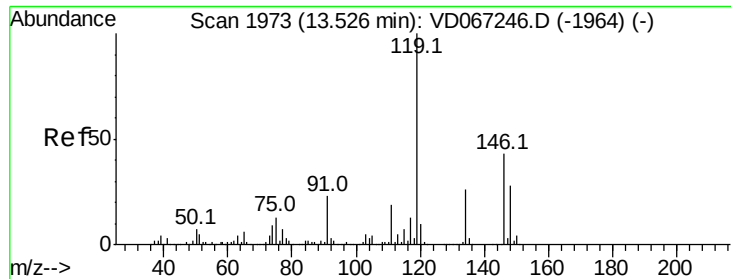
Tot Ion:105 Resp: 284194  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.5 31.5



#86  
 p-Isopropyltoluene  
 Concen: 21.018 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.01 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

Tgt Ion:119 Resp: 279803  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 13.1 39.3  
 91 24.4 11.9 35.9

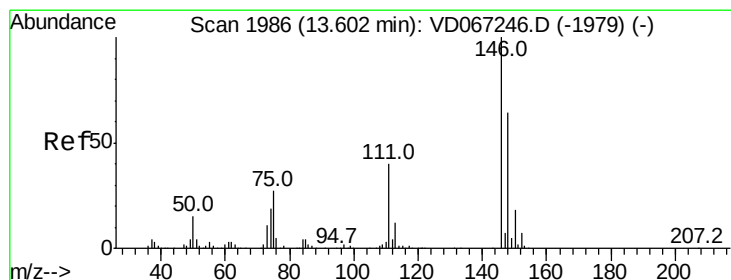
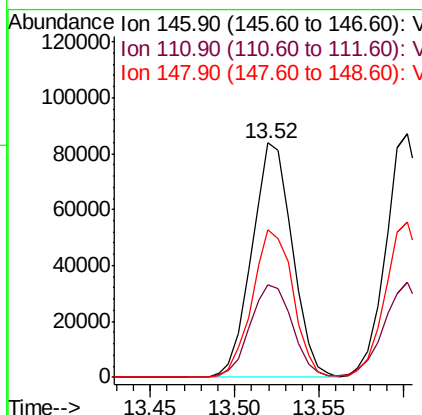
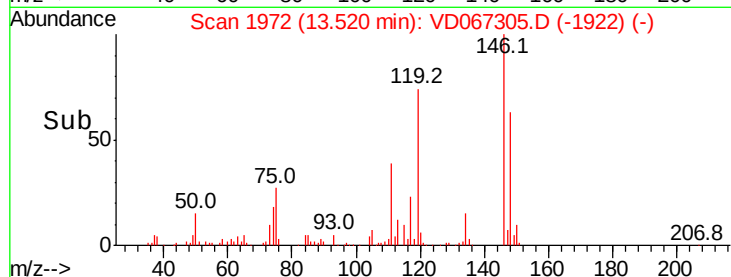
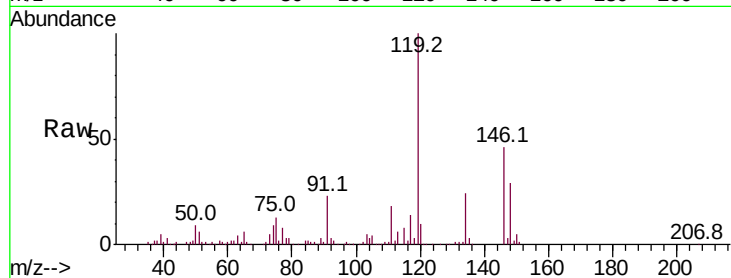




#87  
 1,3-Dichlorobenzene  
 Concen: 20.701 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.01 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

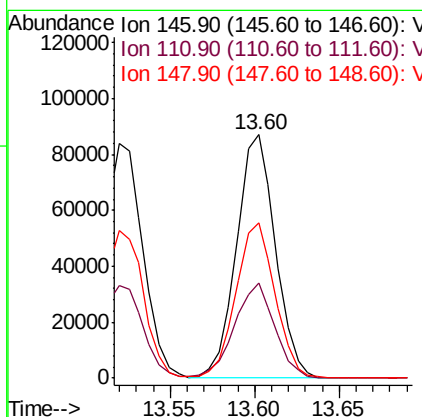
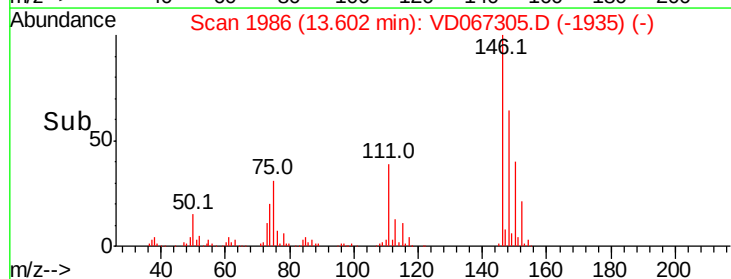
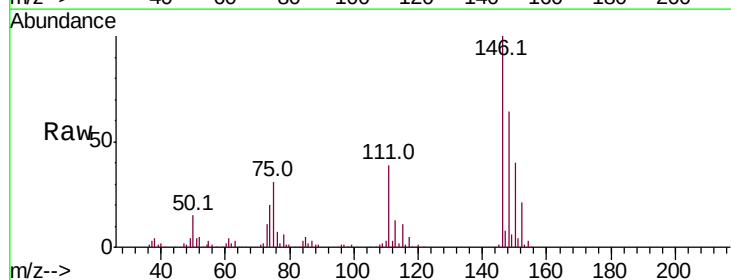
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1019SBS01

Tot Ion:146 Resp: 139099  
 Ion Ratio Lower Upper  
 146 100  
 111 41.3 21.1 63.3  
 148 63.2 31.9 95.9

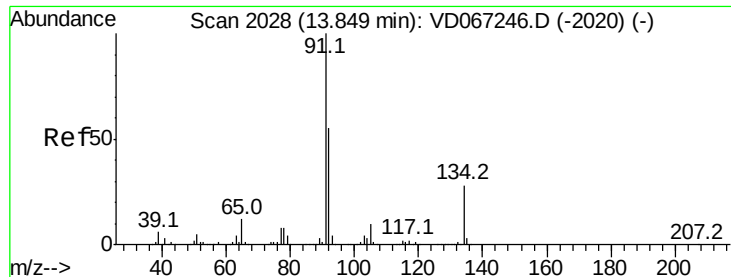


#88  
 1,4-Dichlorobenzene  
 Concen: 20.948 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

Tgt Ion:146 Resp: 139462  
 Ion Ratio Lower Upper  
 146 100  
 111 40.7 19.9 59.7  
 148 64.3 31.9 95.9



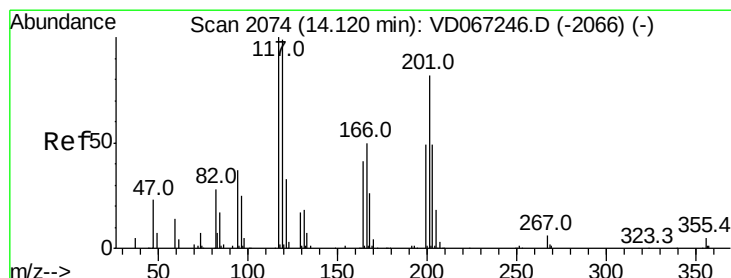
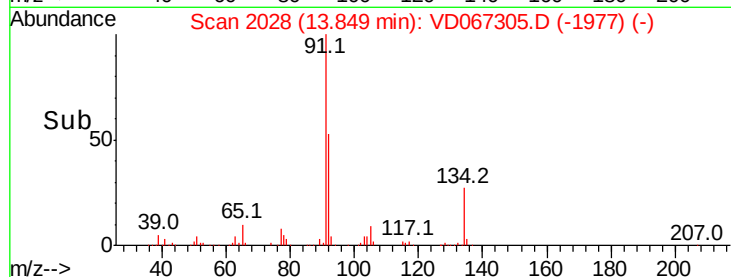
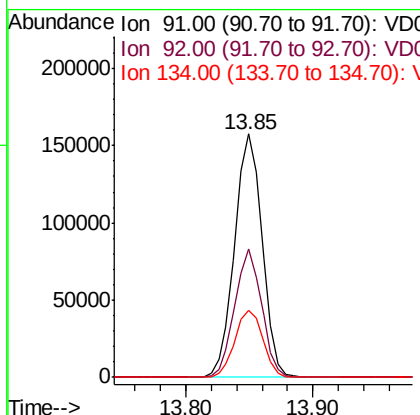
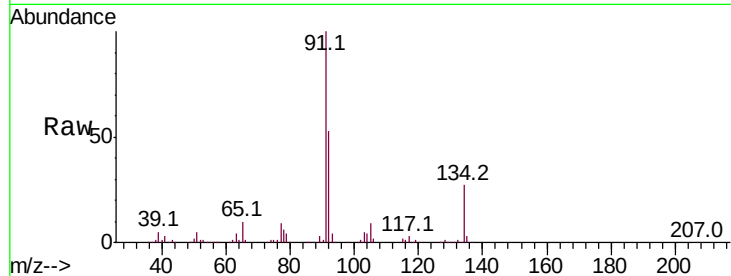




#89  
n-Butylbenzene  
Concen: 20.214 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

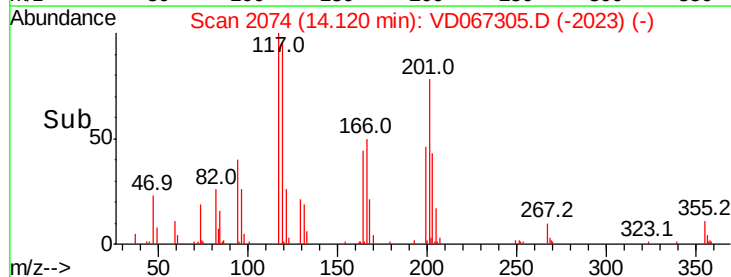
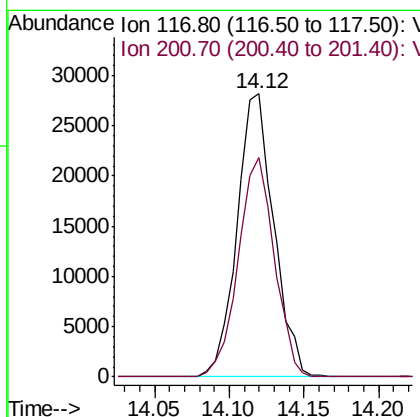
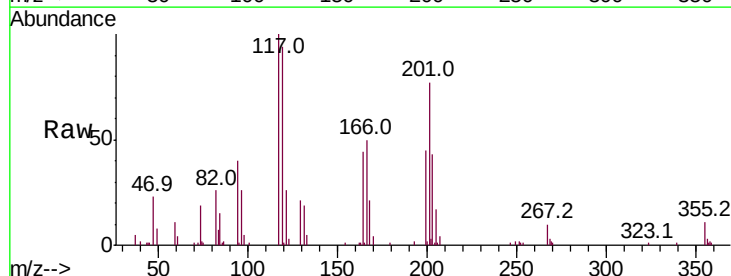
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1019SBS01

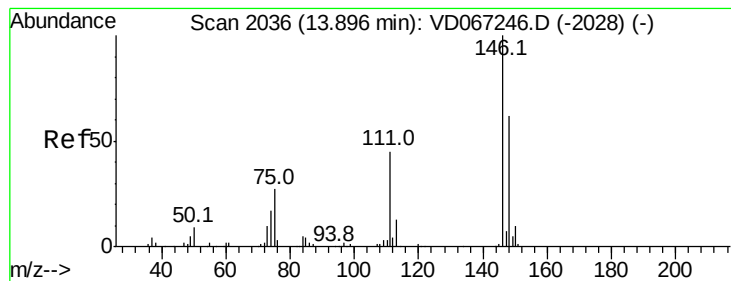
Tot Ion: 91 Resp: 236741  
Ion Ratio Lower Upper  
91 100  
92 51.4 26.7 80.0  
134 28.1 14.2 42.6



#90  
Hexachloroethane  
Concen: 20.756 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.00 min  
Lab File: VD067305.D  
Acq: 19 Oct 2020 13:29

Tgt Ion: 117 Resp: 48218  
Ion Ratio Lower Upper  
117 100  
201 75.8 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 21.055 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

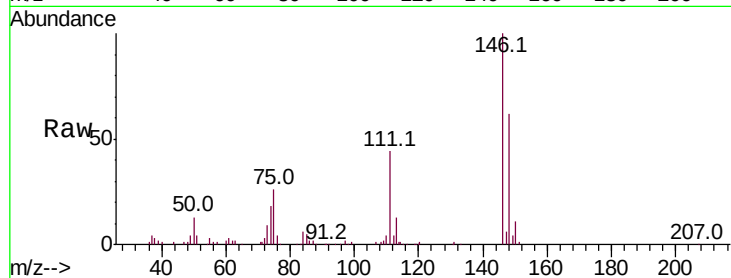
Tot Ion:146 Resp: 123596

Ion Ratio Lower Upper

146 100

111 41.2 22.0 66.0

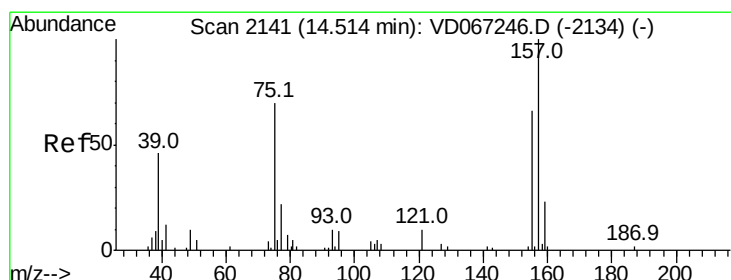
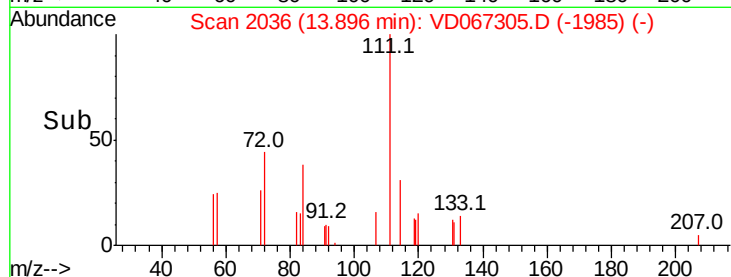
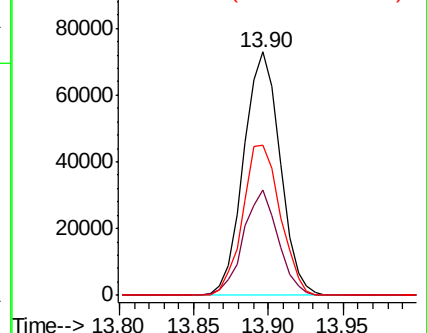
148 63.5 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.087 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

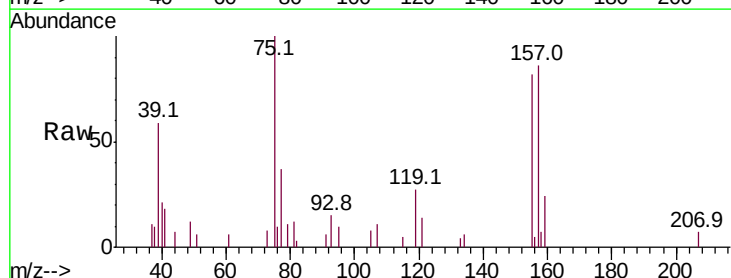
Tgt Ion: 75 Resp: 7440

Ion Ratio Lower Upper

75 100

155 98.9 44.8 134.4

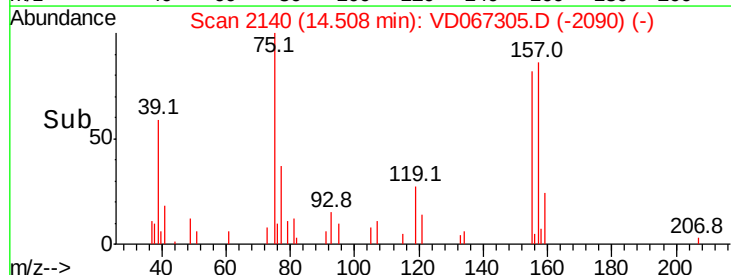
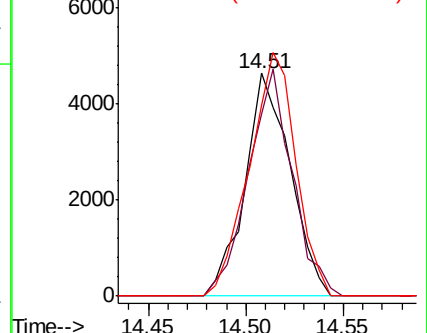
157 112.6 62.5 187.4

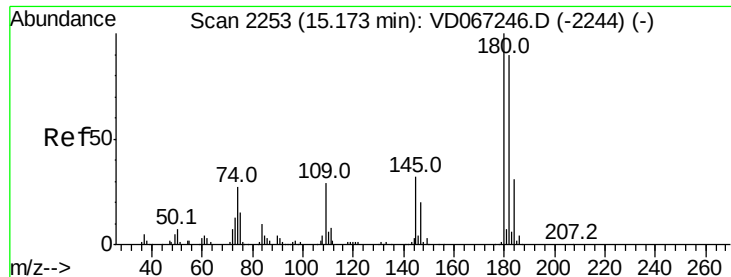


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

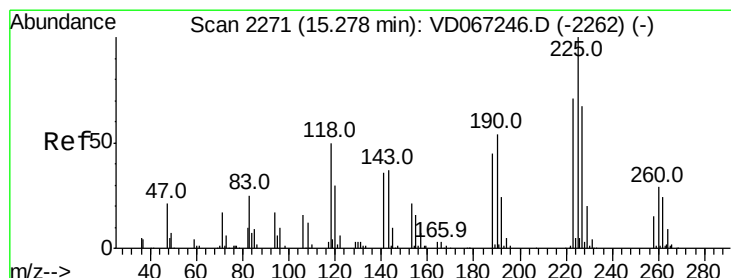
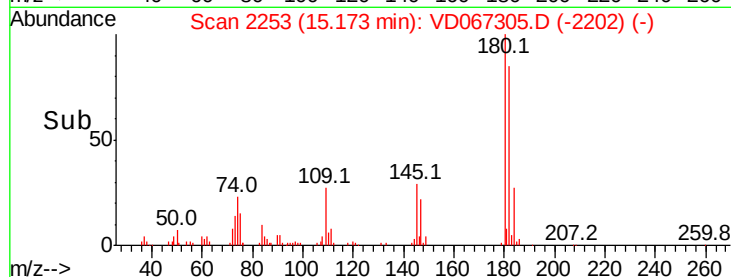
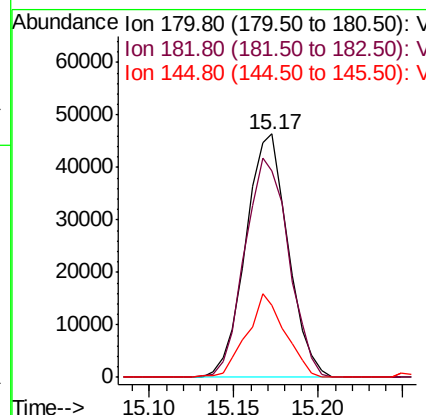
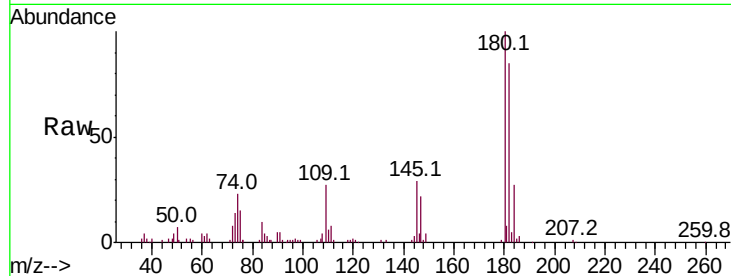




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.446 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.00 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

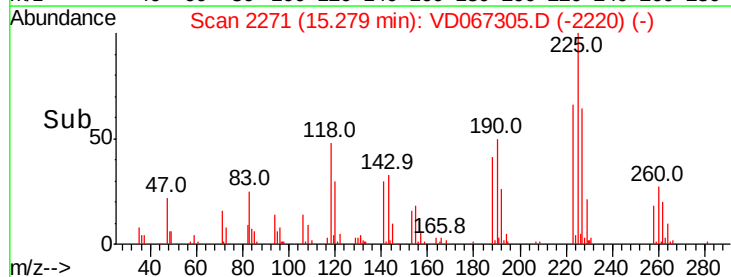
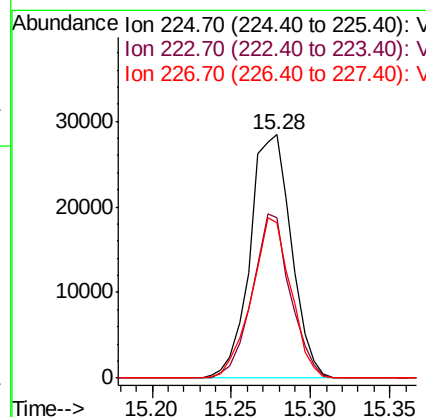
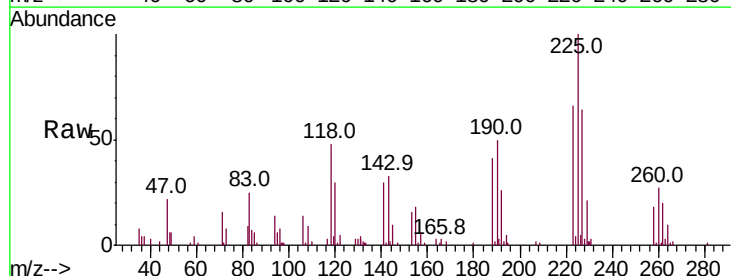
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1019SBS01

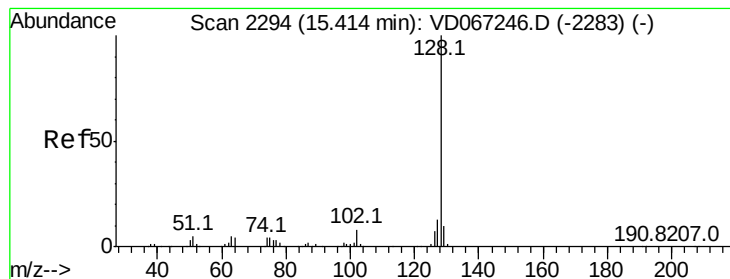
Tot Ion:180 Resp: 80922  
 Ion Ratio Lower Upper  
 180 100  
 182 93.6 48.1 144.4  
 145 31.1 16.3 48.9



#94  
 Hexachlorobutadiene  
 Concen: 20.913 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: VD067305.D  
 Acq: 19 Oct 2020 13:29

Tgt Ion:225 Resp: 51398  
 Ion Ratio Lower Upper  
 225 100  
 223 62.1 31.9 95.7  
 227 62.5 31.2 93.6





#95

Naphthalene

Concen: 19.568 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD1019SBS01

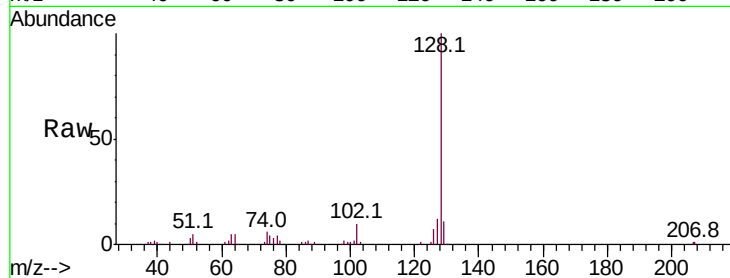
Tot Ion:128 Resp: 127151

Ion Ratio Lower Upper

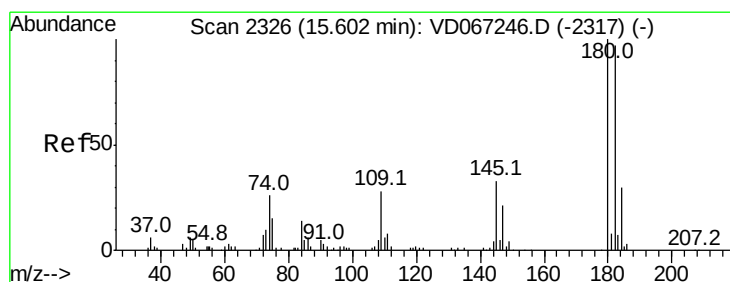
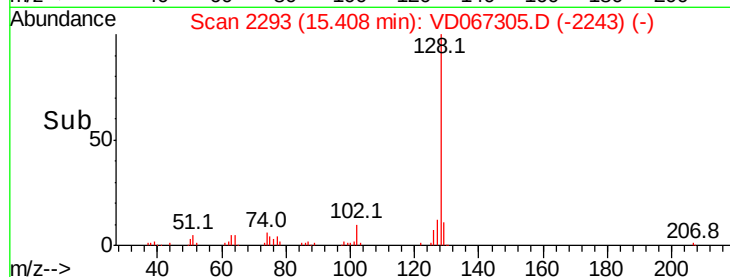
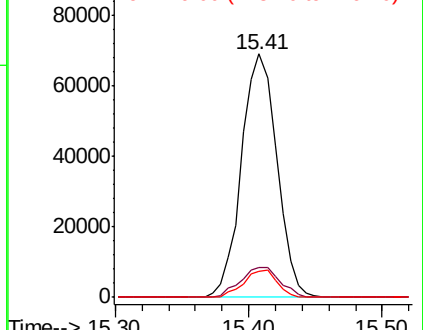
128 100

127 13.6 10.4 15.6

129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.907 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD067305.D

Acq: 19 Oct 2020 13:29

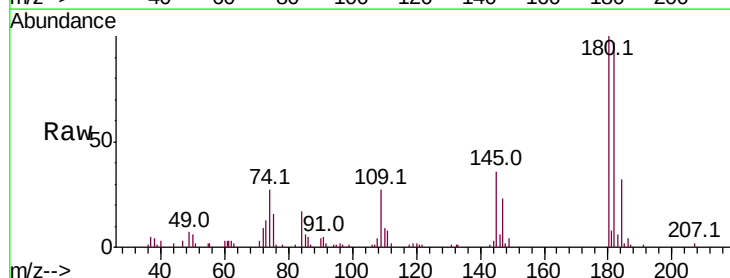
Tgt Ion:180 Resp: 68066

Ion Ratio Lower Upper

180 100

182 97.7 48.1 144.3

145 34.1 17.3 51.9



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

