

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\  
 Data File : VD066248.D  
 Acq On : 14 Aug 2020 20:35  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 17 08:49:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080520S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 05 13:49:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.97  | 168  | 263941   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 382379   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 357124   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 192962   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 127429   | 54.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.24% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 124997   | 51.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.20% |      |
| 50) Toluene-d8            | 10.34  | 98  | 456333   | 51.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.10% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 166175   | 51.57 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.14% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 92169   | 39.636  | ug/l   | 100    |
| 3) Chloromethane              | 2.20 | 50  | 73749   | 40.770  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.34 | 62  | 70631   | 44.103  | ug/l   | 95     |
| 5) Bromomethane               | 2.76 | 94  | 51503   | 48.473  | ug/l   | 99     |
| 6) Chloroethane               | 2.91 | 64  | 46707   | 47.512  | ug/l # | 88     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 196135  | 46.976  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.70 | 74  | 57315   | 48.651  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 114071  | 46.036  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.30 | 142 | 104194  | 46.700  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.23 | 59  | 41963   | 236.620 | ug/l   | 96     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 106788  | 45.685  | ug/l   | 94     |
| 13) Acrolein                  | 3.93 | 56  | 31809   | 169.708 | ug/l   | 97     |
| 14) Allyl chloride            | 4.71 | 41  | 159365  | 45.003  | ug/l   | 93     |
| 15) Acrylonitrile             | 5.42 | 53  | 124546  | 250.879 | ug/l   | 98     |
| 16) Acetone                   | 4.16 | 43  | 105723  | 236.624 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.40 | 76  | 303853  | 40.884  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.72 | 43  | 53786   | 47.394  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 277367  | 51.770  | ug/l   | 94     |
| 20) Methylene Chloride        | 4.96 | 84  | 142587  | 56.142  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 122627  | 45.667  | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.36 | 45  | 341087  | 48.707  | ug/l   | 94     |
| 23) Vinyl Acetate             | 6.30 | 43  | 1009232 | 246.001 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 210315  | 48.529  | ug/l   | 99     |
| 25) 2-Butanone                | 7.20 | 43  | 149384  | 227.319 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 7.20 | 77  | 183735  | 47.302  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.20 | 96  | 139399  | 49.494  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.54 | 49  | 79007   | 51.905  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 98468   | 241.847 | ug/l   | 98     |
| 30) Chloroform                | 7.70 | 83  | 233063  | 51.215  | ug/l   | 95     |
| 31) Cyclohexane               | 7.97 | 56  | 171345  | 41.534  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 217110  | 50.884  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 170376  | 47.416  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.29 | 43  | 68566   | 48.161  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 8.09 | 117 | 201401  | 50.263  | ug/l   | 93     |

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 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Aug 17 08:49:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080520S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 05 13:49:25 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.35  | 83   | 196141   | 45.156   | ug/l   | 97       |
| 40) Benzene                    | 8.34  | 78   | 478887   | 48.043   | ug/l   | 96       |
| 41) Methacrylonitrile          | 7.52  | 41   | 35000    | 41.812   | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 8.41  | 62   | 149466   | 51.042   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.44  | 43   | 137860   | 49.147   | ug/l   | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 143434   | 47.753   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 119436   | 48.992   | ug/l   | 96       |
| 46) Dibromomethane             | 9.47  | 93   | 68010    | 50.646   | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.66  | 83   | 185994   | 52.406   | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.45  | 41   | 66996    | 46.774   | ug/l   | 86       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 17885    | 1036.684 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 364232   | 252.791  | ug/l   | 98       |
| 52) Toluene                    | 10.40 | 92   | 323934   | 49.388   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 173091   | 51.391   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 200889   | 50.907   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 96952    | 50.140   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 122760   | 52.849   | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 162403   | 50.591   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 295302   | 282.627  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.98 | 43   | 250813   | 248.033  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.14 | 129  | 139173   | 52.134   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 95654    | 51.438   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 133322   | 48.616   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.67 | 112  | 360680   | 49.751   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 140814   | 49.642   | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.74 | 91   | 633728   | 50.444   | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.85 | 106  | 478047   | 98.213   | ug/l   | 96       |
| 69) o-Xylene                   | 12.18 | 106  | 226650   | 51.188   | ug/l   | 98       |
| 70) Styrene                    | 12.20 | 104  | 400520   | 51.614   | ug/l   | 98       |
| 71) Bromoform                  | 12.36 | 173  | 87095    | 51.823   | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.48 | 105  | 628312   | 48.779   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 135446   | 47.753   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 106835   | 48.642   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 140444   | 87.277   | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 159221   | 48.020   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.82 | 91   | 723201   | 48.301   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 412135   | 48.127   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 532282   | 49.412   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 33172    | 45.569   | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 13.00 | 91   | 442007   | 48.895   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 465609   | 49.148   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 525803   | 48.774   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.40 | 105  | 626043   | 48.946   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 577142   | 48.110   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 299336   | 48.034   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 295094   | 47.482   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.84 | 91   | 525867   | 48.926   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.11 | 117  | 116239   | 48.584   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 263087   | 47.736   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 17724    | 46.952   | ug/l   | 95       |

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Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 22 Sample Multiplier: 1

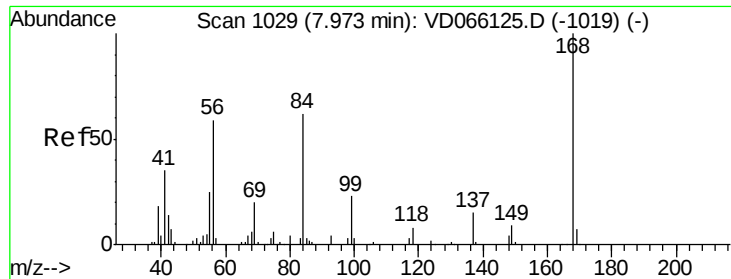
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Aug 17 08:49:03 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080520S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 05 13:49:25 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 194621   | 47.919 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 116481   | 48.703 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 333969   | 50.465 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 173740   | 48.458 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

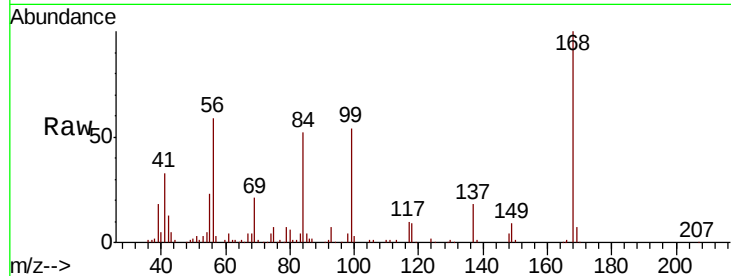
VSTDCCC050EC

Tot Ion:168 Resp: 263941

Ion Ratio Lower Upper

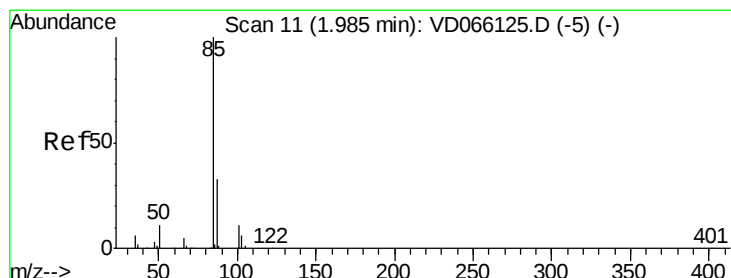
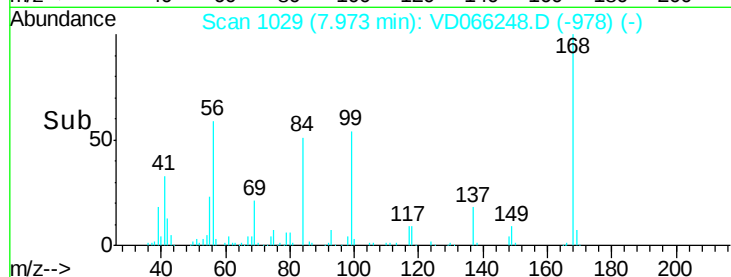
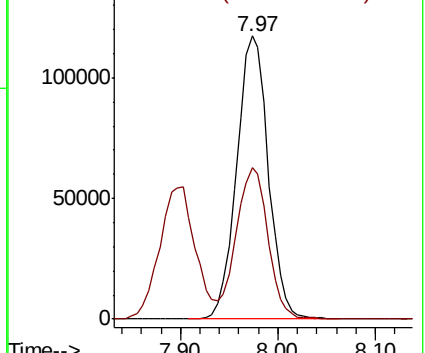
168 100

99 53.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 39.636 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066248.D

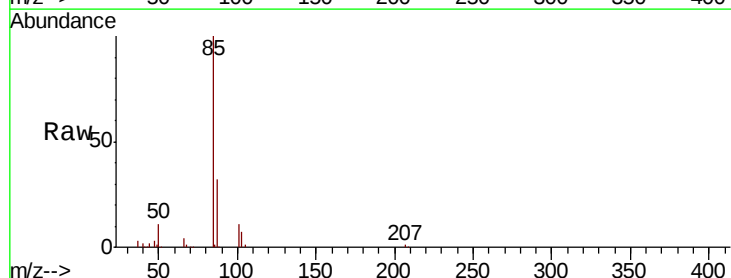
Acq: 14 Aug 2020 20:35

Tgt Ion: 85 Resp: 92169

Ion Ratio Lower Upper

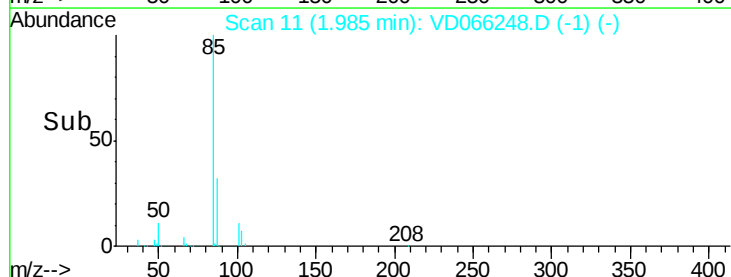
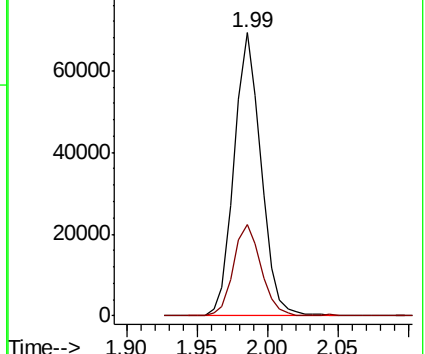
85 100

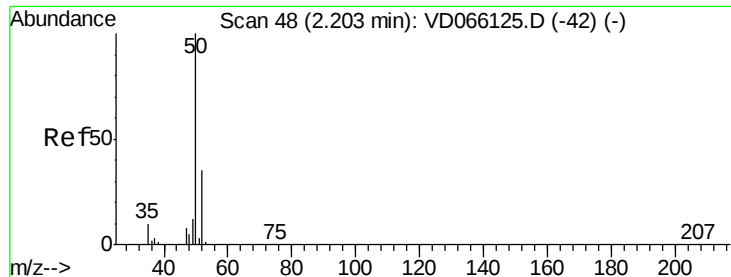
87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.770 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

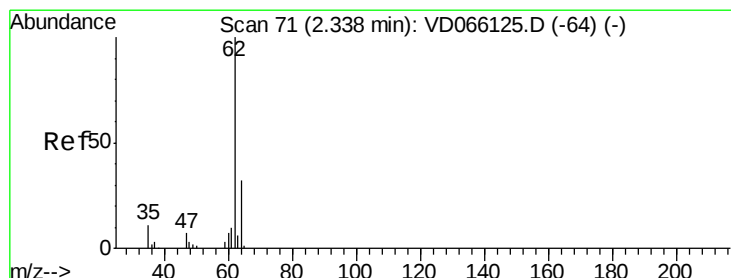
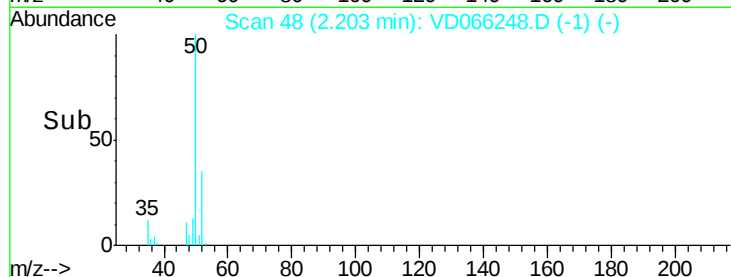
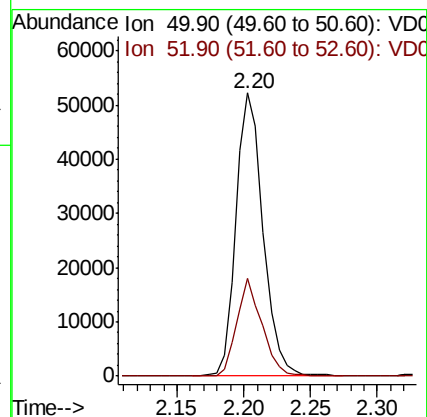
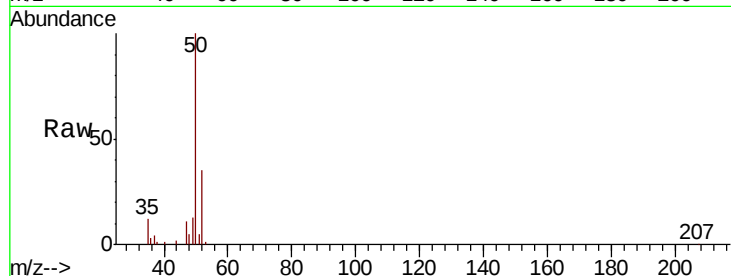
VSTDCCC050EC

Tot Ion: 50 Resp: 73749

Ion Ratio Lower Upper

50 100

52 34.6 27.9 41.9



#4

Vinyl Chloride

Concen: 44.103 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066248.D

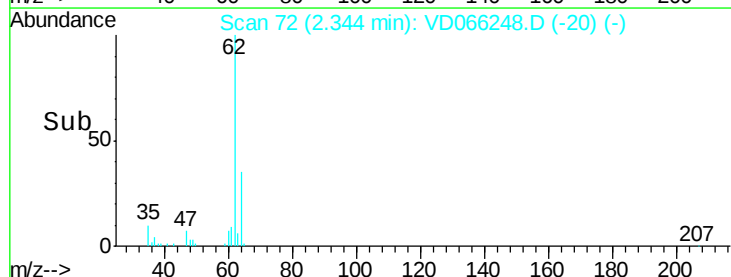
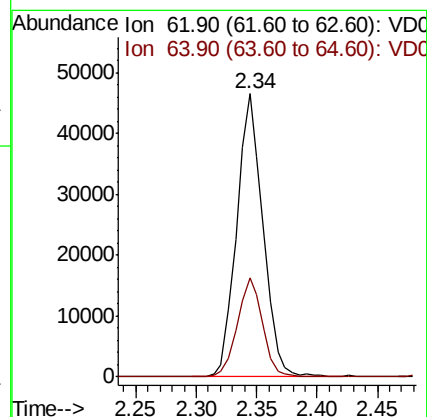
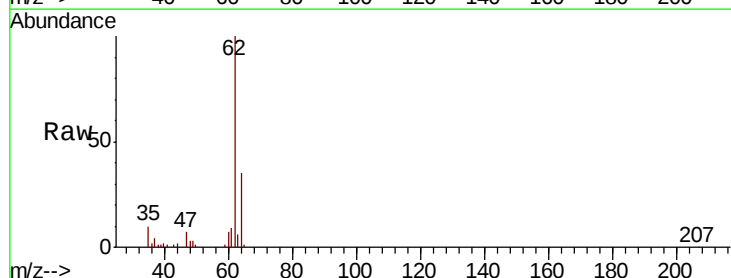
Acq: 14 Aug 2020 20:35

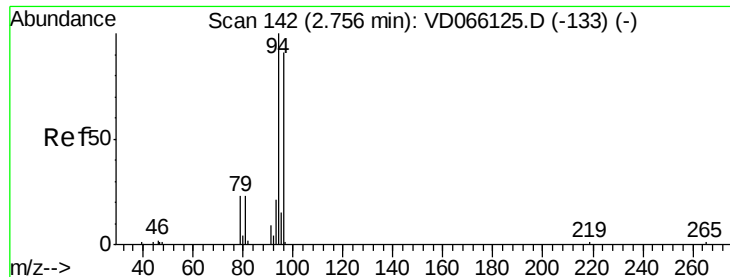
Tgt Ion: 62 Resp: 70631

Ion Ratio Lower Upper

62 100

64 34.9 25.8 38.8





#5

Bromomethane

Concen: 48.473 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

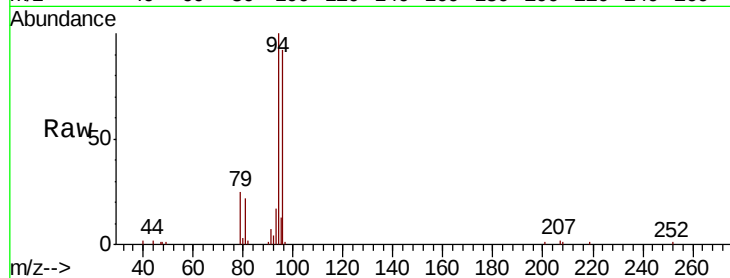
VSTDCCC050EC

Tot Ion: 94 Resp: 51503

Ion Ratio Lower Upper

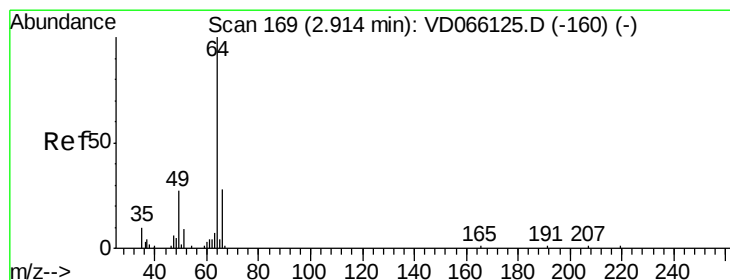
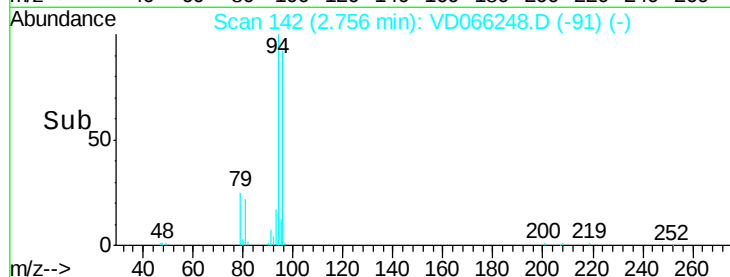
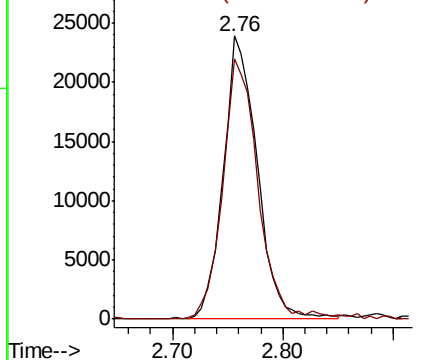
94 100

96 91.4 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.512 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066248.D

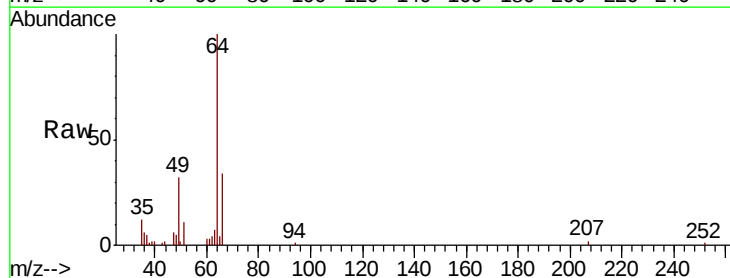
Acq: 14 Aug 2020 20:35

Tgt Ion: 64 Resp: 46707

Ion Ratio Lower Upper

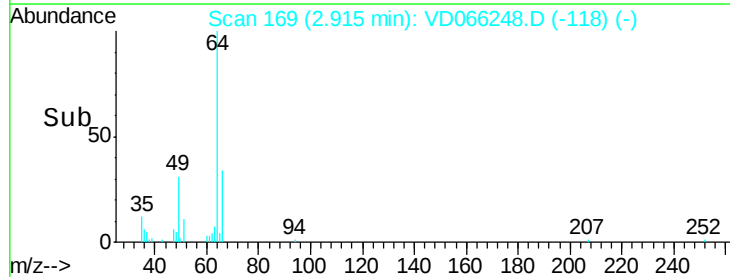
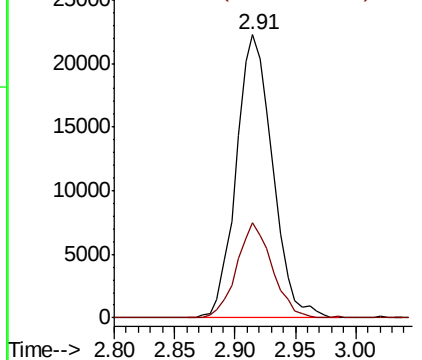
64 100

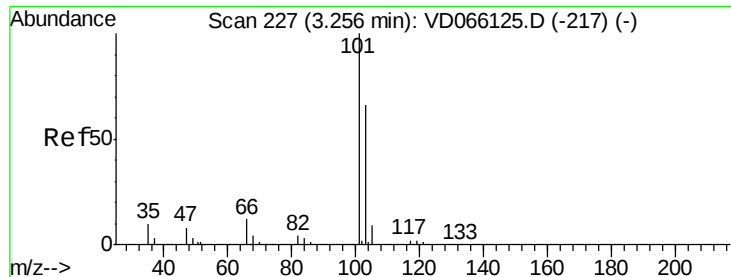
66 33.7 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



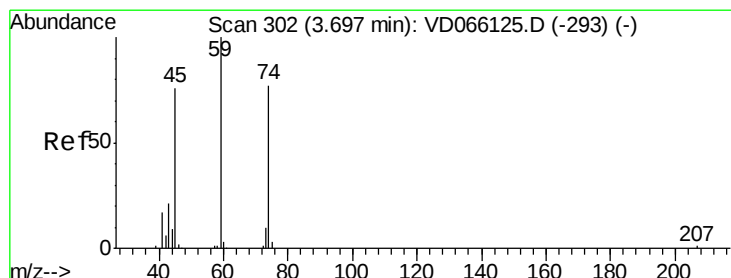
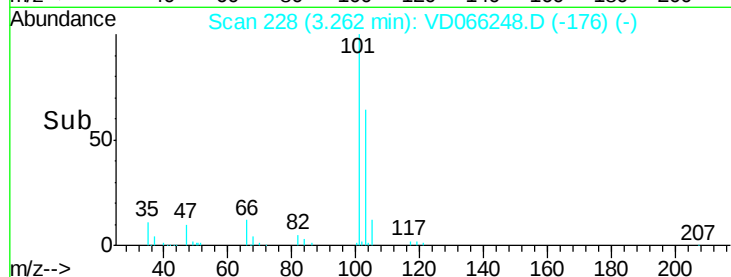
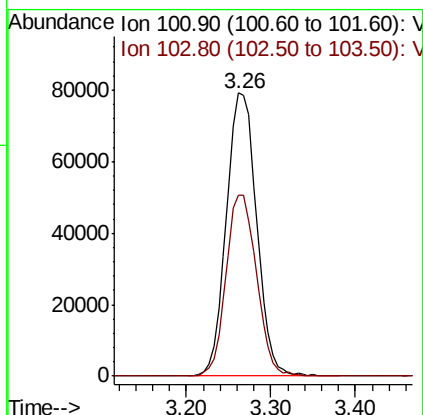
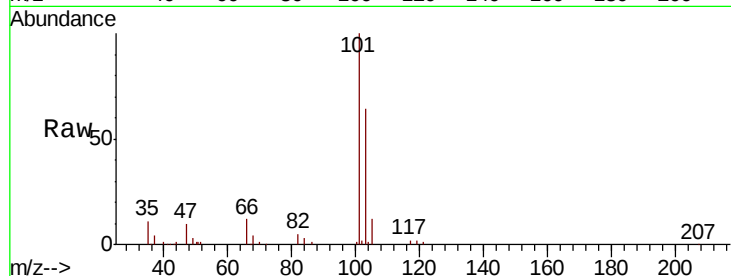


#7

Trichlorofluoromethane  
 Concen: 46.976 ug/l  
 RT: 3.26 min Scan# 228  
 Delta R.T. 0.01 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

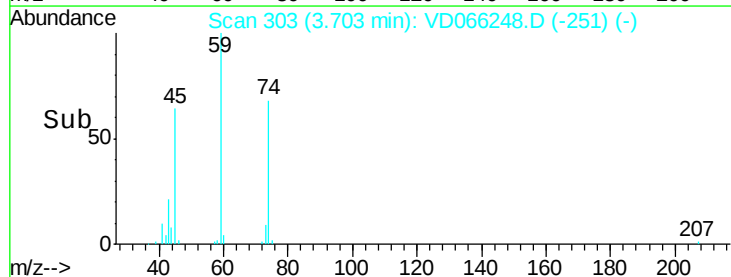
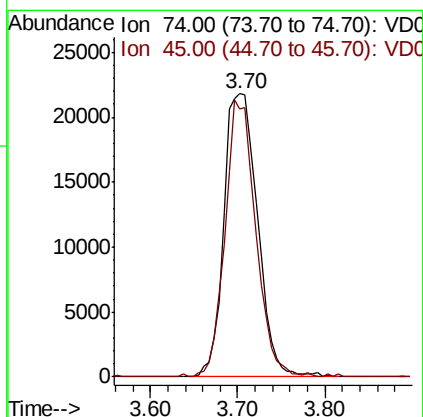
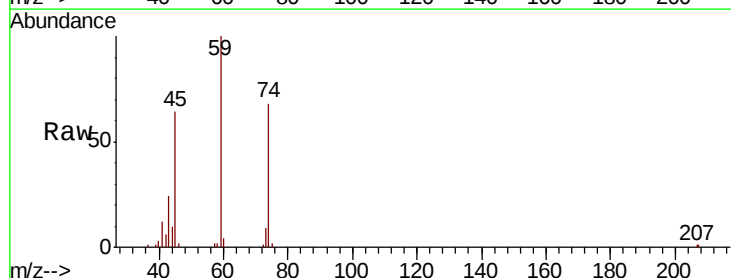
Tot Ion:101 Resp: 196135  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 53.0 79.6

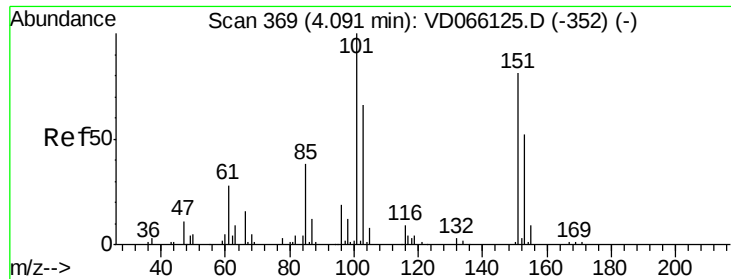


#8

Diethyl Ether  
 Concen: 48.651 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. 0.01 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Tgt Ion: 74 Resp: 57315  
 Ion Ratio Lower Upper  
 74 100  
 45 88.7 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.036 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

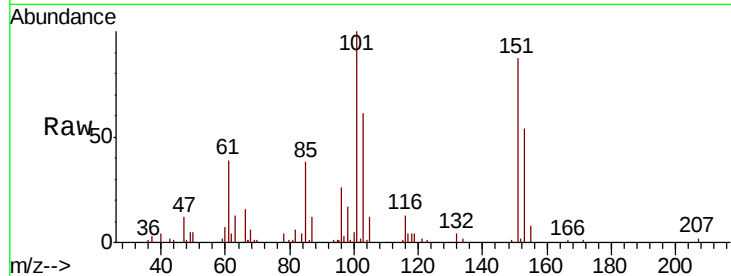
Tot Ion:101 Resp: 114071

Ion Ratio Lower Upper

101 100

85 42.6 33.5 50.3

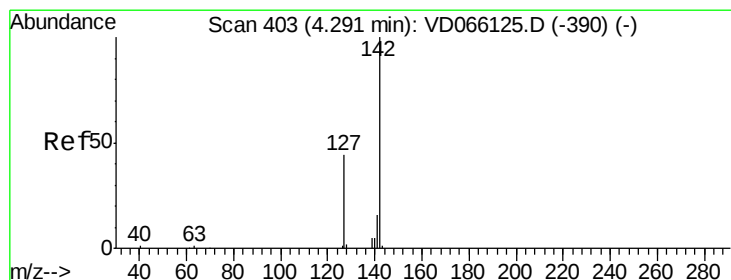
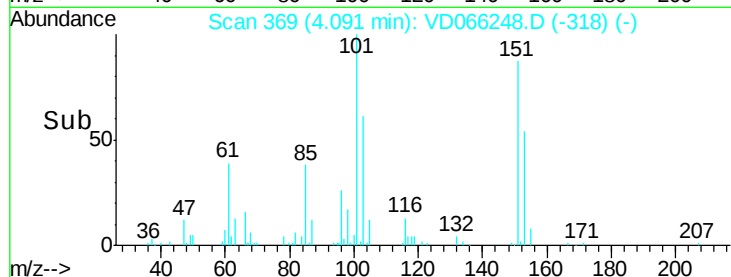
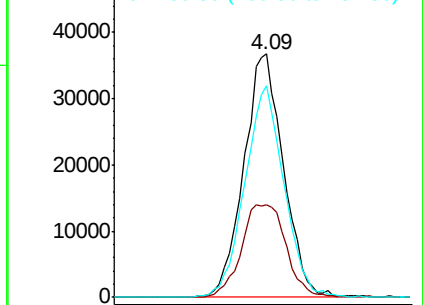
151 85.9 67.8 101.8



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: 46.700 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

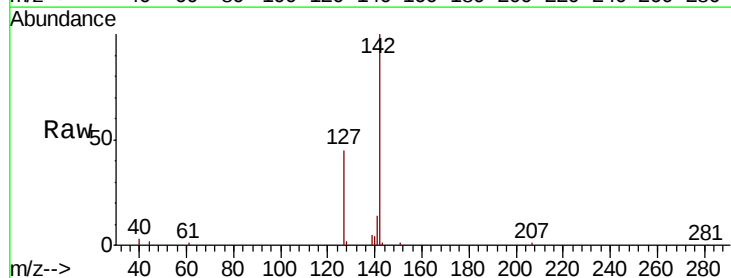
Tgt Ion:142 Resp: 104194

Ion Ratio Lower Upper

142 100

127 47.1 36.2 54.4

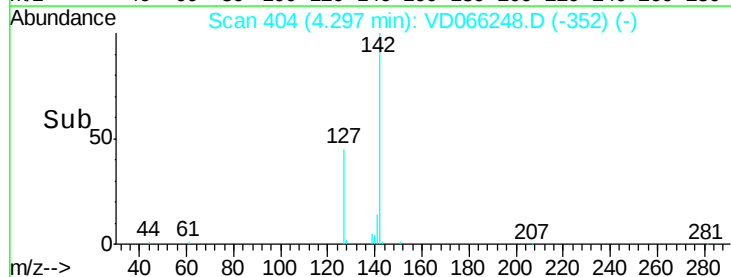
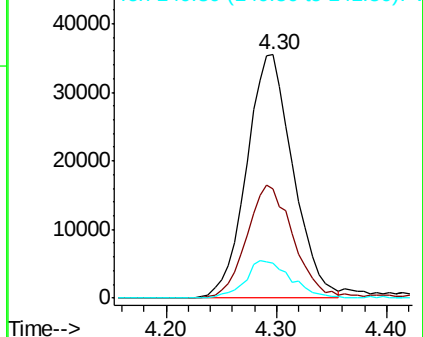
141 15.2 12.6 18.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



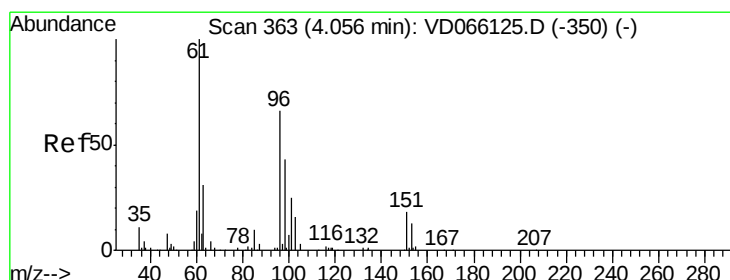
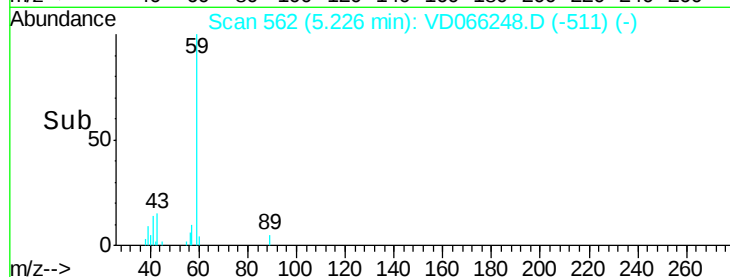
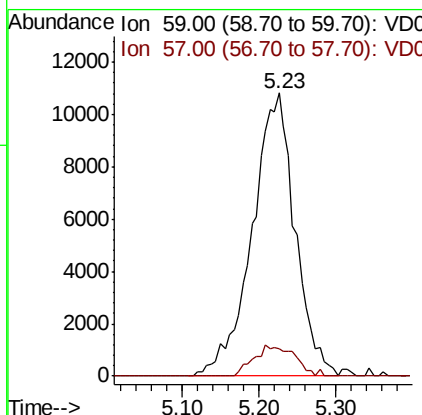
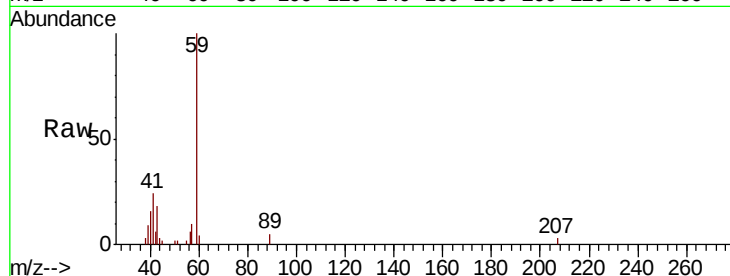


#11

Tert butyl alcohol  
Concen: 236.620 ug/l  
RT: 5.23 min Scan# 562  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

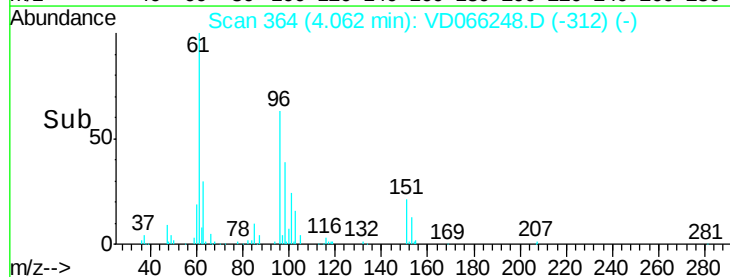
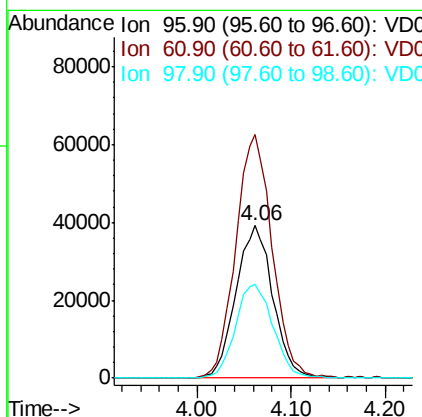
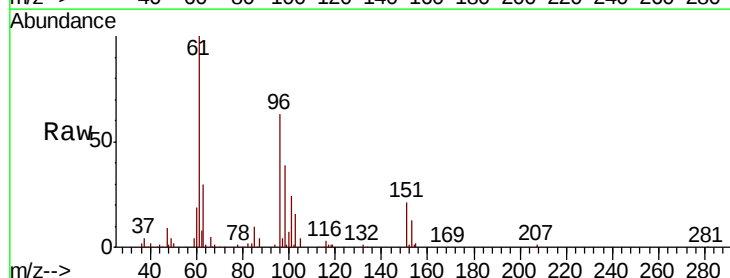
Tot Ion: 59 Resp: 41963  
Ion Ratio Lower Upper  
59 100  
57 10.3 7.0 10.4

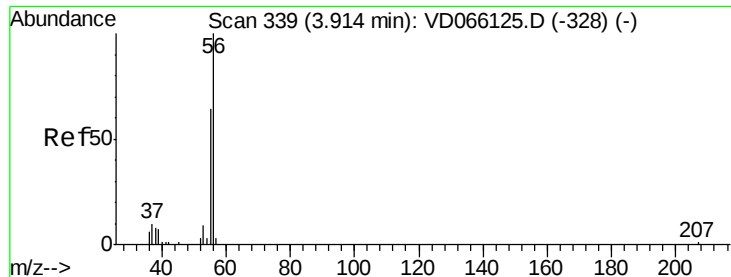


#12

1,1-Dichloroethene  
Concen: 45.685 ug/l  
RT: 4.06 min Scan# 364  
Delta R.T. 0.01 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion: 96 Resp: 106788  
Ion Ratio Lower Upper  
96 100  
61 159.7 121.6 182.4  
98 61.6 52.0 78.0





#13

Acrolein

Concen: 169.708 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

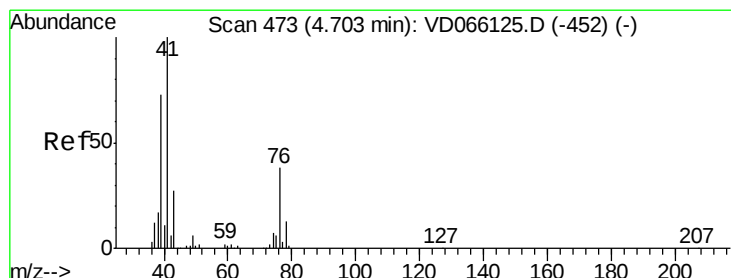
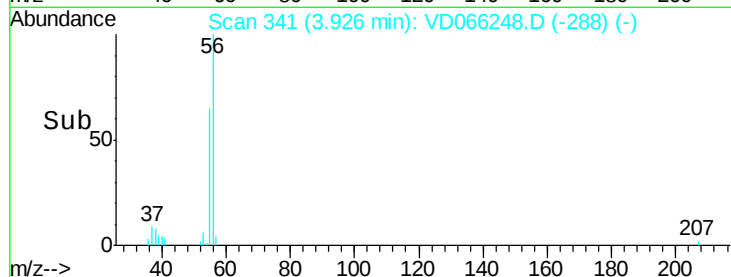
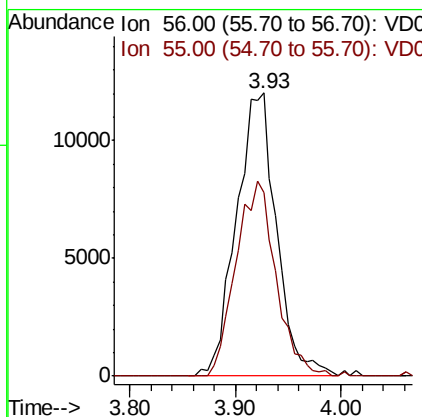
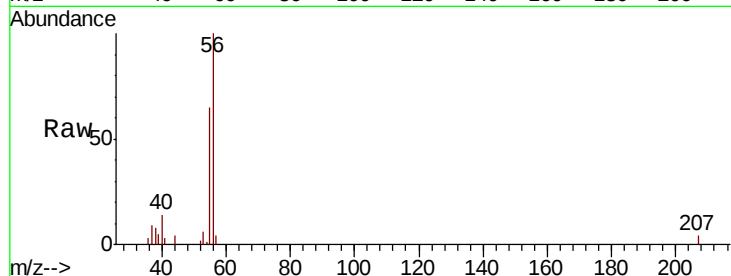
VSTDCCC050EC

Tot Ion: 56 Resp: 31809

Ion Ratio Lower Upper

56 100

55 68.5 56.7 85.1



#14

Allyl chloride

Concen: 45.003 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

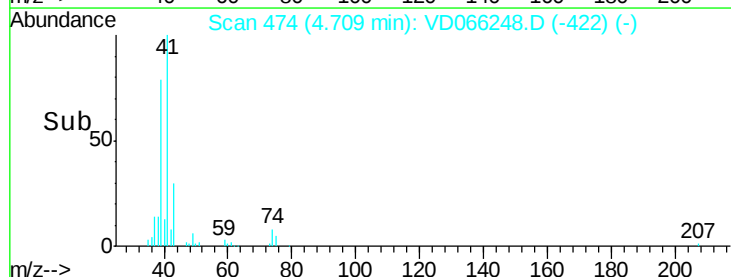
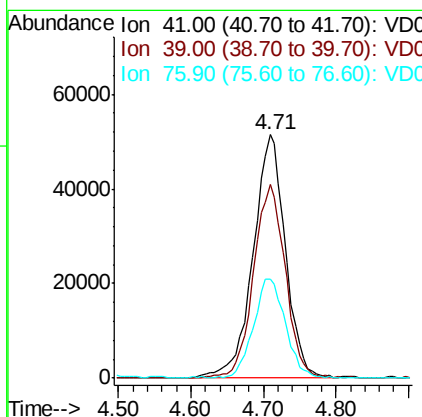
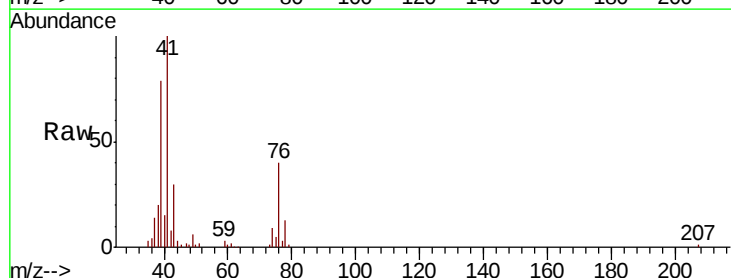
Tgt Ion: 41 Resp: 159365

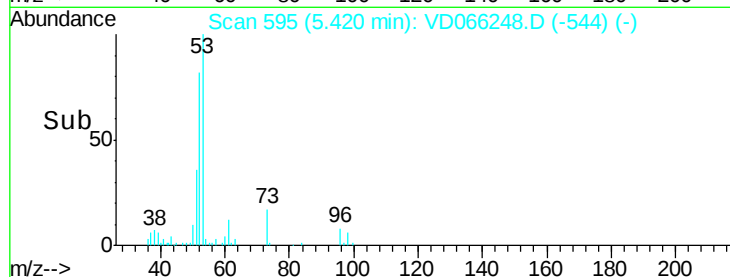
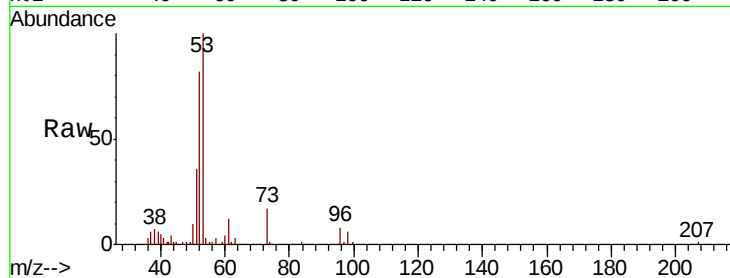
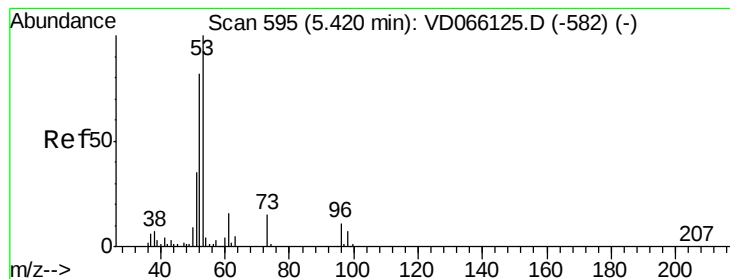
Ion Ratio Lower Upper

41 100

39 78.5 57.4 86.0

76 40.4 30.1 45.1





#15

Acrylonitrile

Concen: 250.879 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

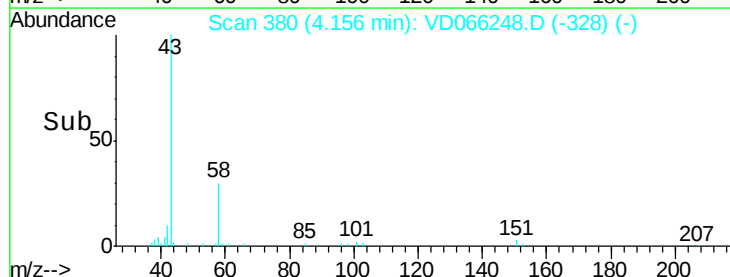
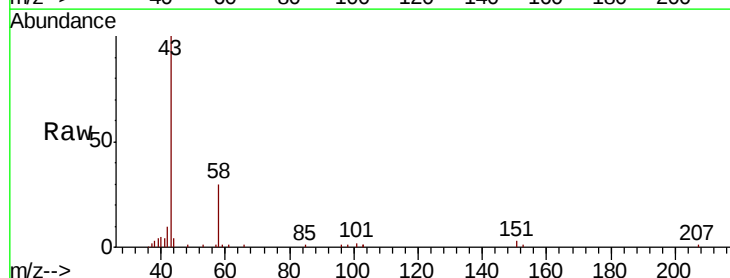
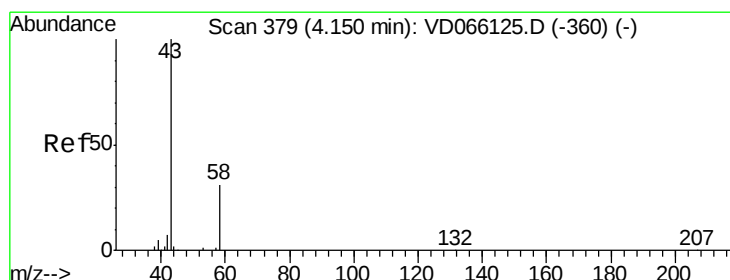
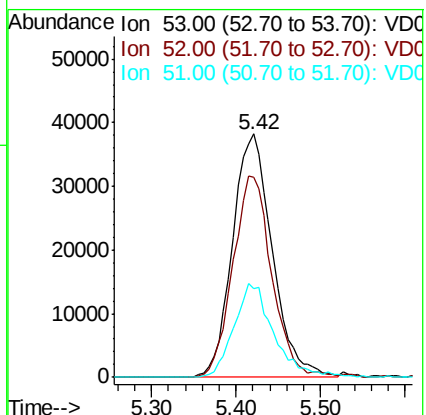
Tot Ion: 53 Resp: 124546

Ion Ratio Lower Upper

53 100

52 81.2 66.1 99.1

51 37.6 30.8 46.2



#16

Acetone

Concen: 236.624 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066248.D

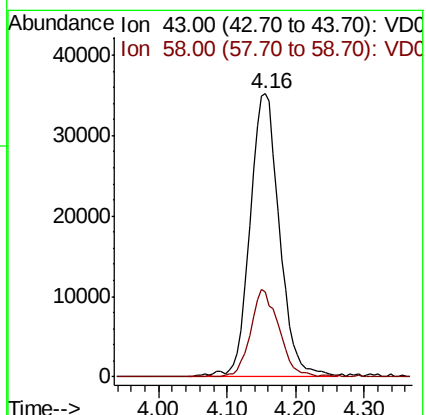
Acq: 14 Aug 2020 20:35

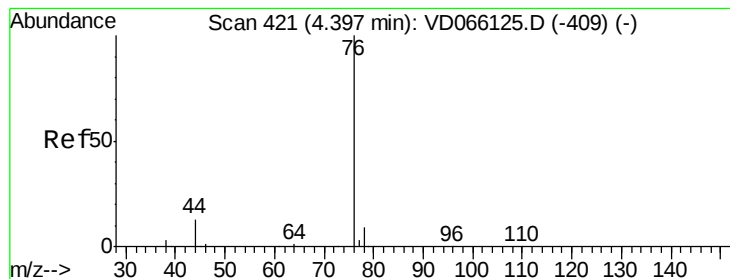
Tgt Ion: 43 Resp: 105723

Ion Ratio Lower Upper

43 100

58 29.9 24.7 37.1





#17

Carbon Disulfide

Concen: 40.884 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

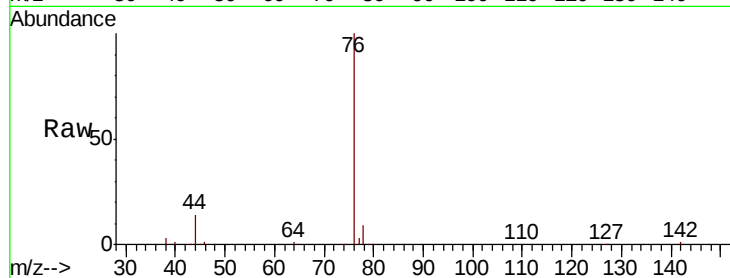
VSTDCCC050EC

Tot Ion: 76 Resp: 303853

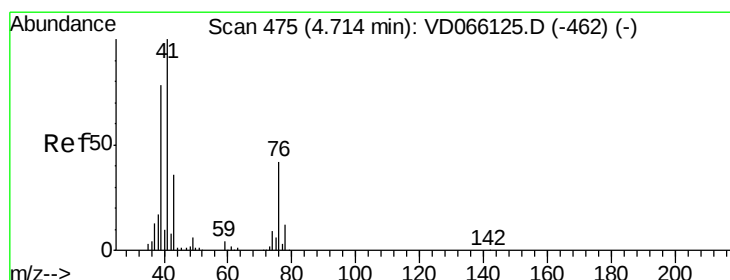
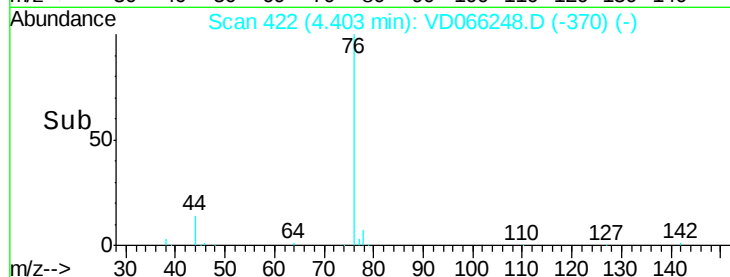
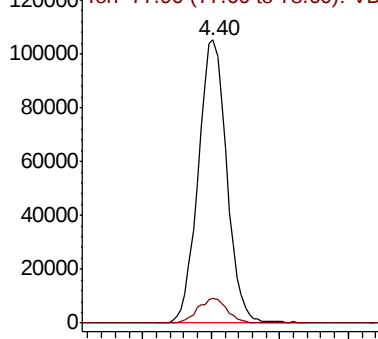
Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC  
Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 47.394 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066248.D

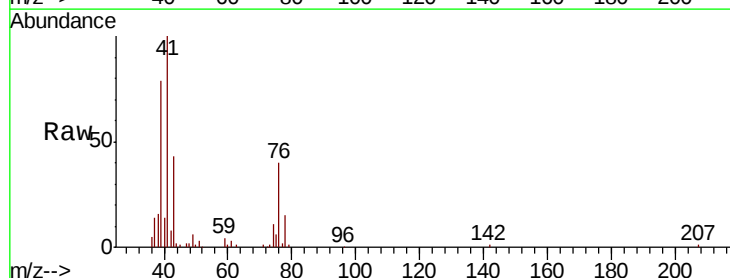
Acq: 14 Aug 2020 20:35

Tgt Ion: 43 Resp: 53786

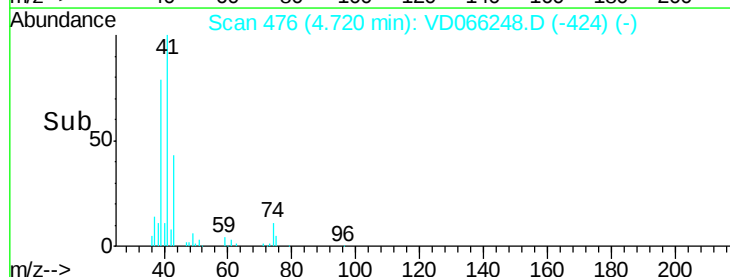
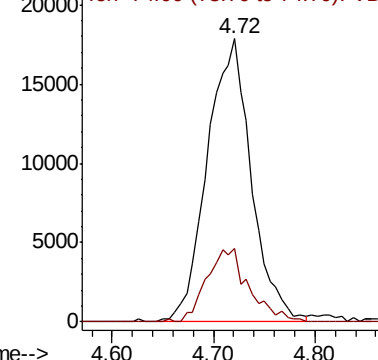
Ion Ratio Lower Upper

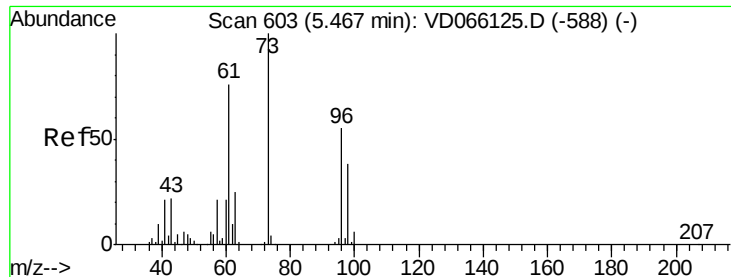
43 100

74 24.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 74.00 (73.70 to 74.70): VDC

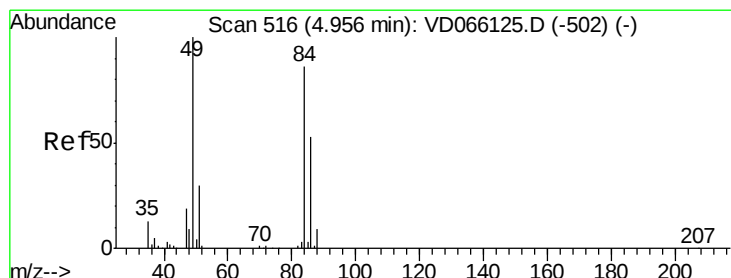
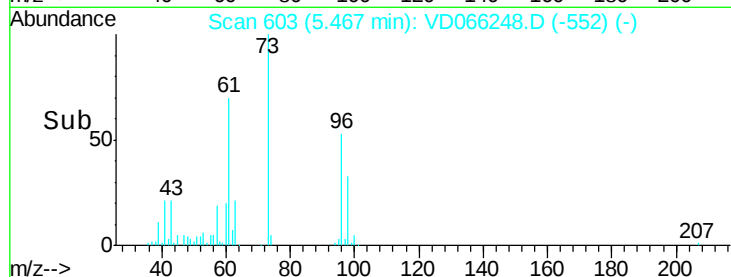
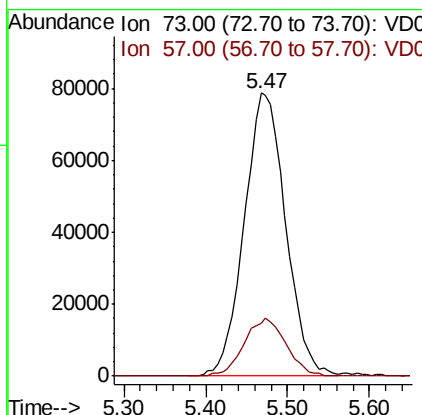
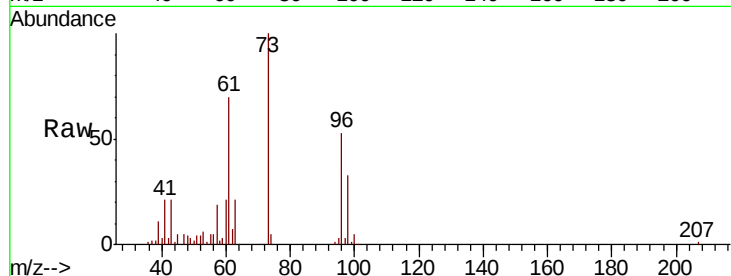




#19  
Methyl tert-butyl Ether  
Concen: 51.770 ug/l  
RT: 5.47 min Scan# 603  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

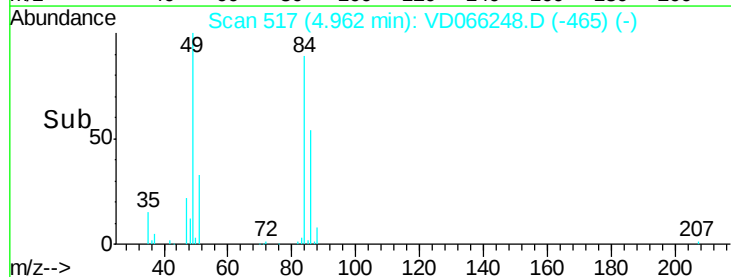
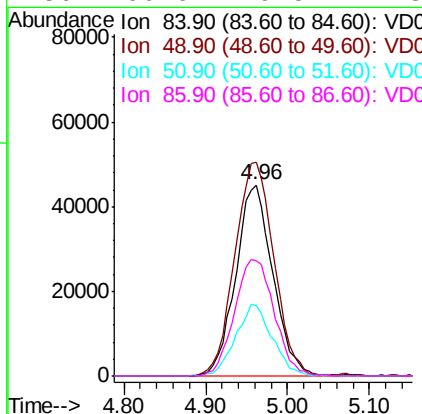
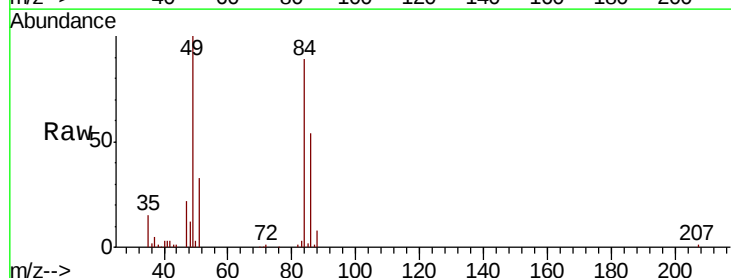
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

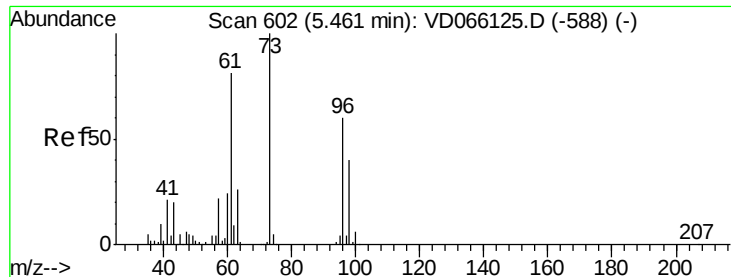
Tot Ion: 73 Resp: 277367  
Ion Ratio Lower Upper  
73 100  
57 18.7 17.1 25.7



#20  
Methylene Chloride  
Concen: 56.142 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. 0.01 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion: 84 Resp: 142587  
Ion Ratio Lower Upper  
84 100  
49 111.9 93.5 140.3  
51 36.8 28.2 42.4  
86 60.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 45.667 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

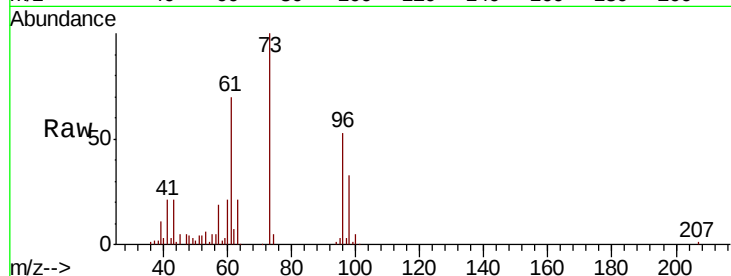
Tot Ion: 96 Resp: 122627

Ion Ratio Lower Upper

96 100

61 131.1 106.9 160.3

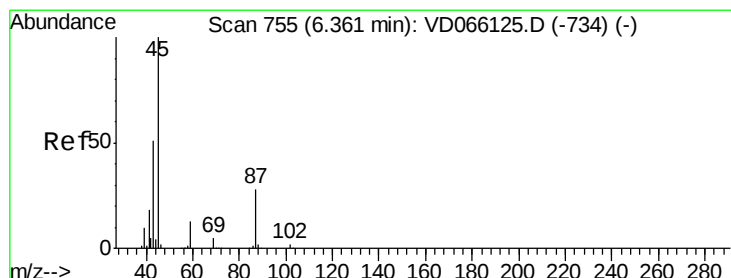
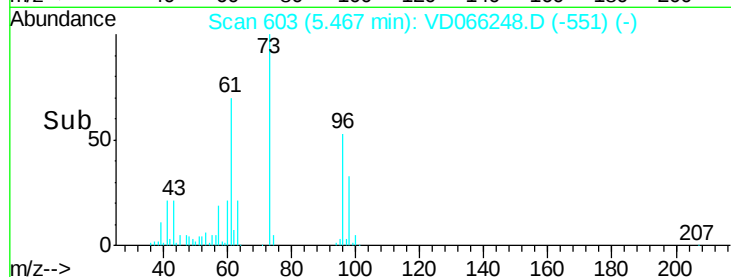
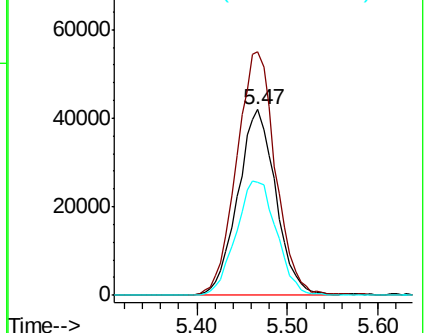
98 61.2 53.4 80.0



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



#22

Diisopropyl ether

Concen: 48.707 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Tgt Ion: 45 Resp: 341087

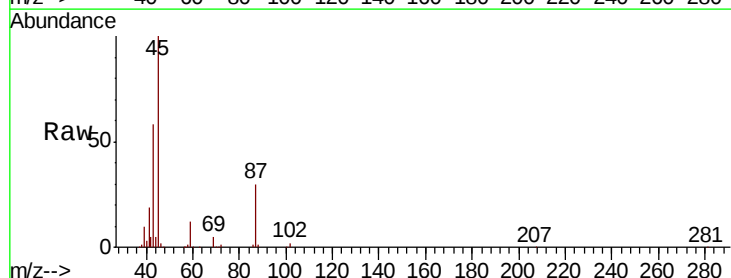
Ion Ratio Lower Upper

45 100

43 57.3 41.2 61.8

87 30.4 22.8 34.2

59 11.5 10.2 15.2

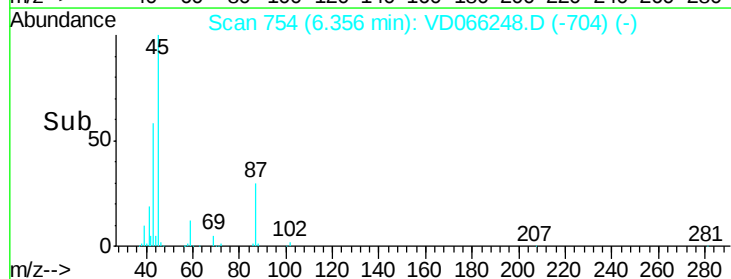
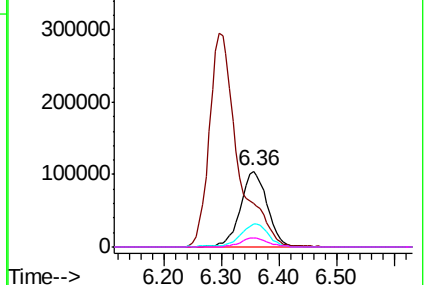


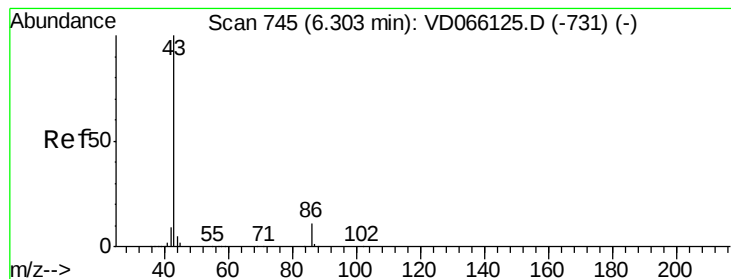
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 246.001 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

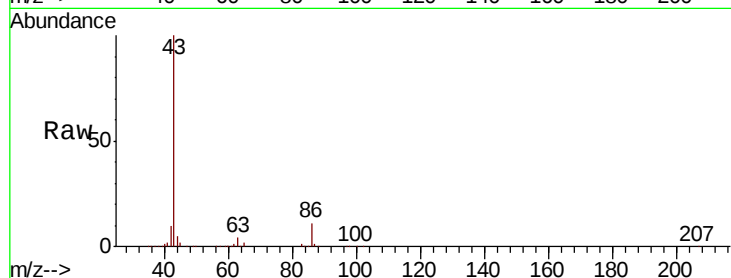
VSTDCCC050EC

Tot Ion: 43 Resp: 1009232

Ion Ratio Lower Upper

43 100

86 10.8 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

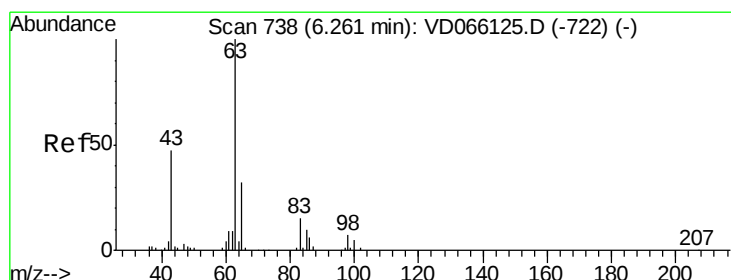
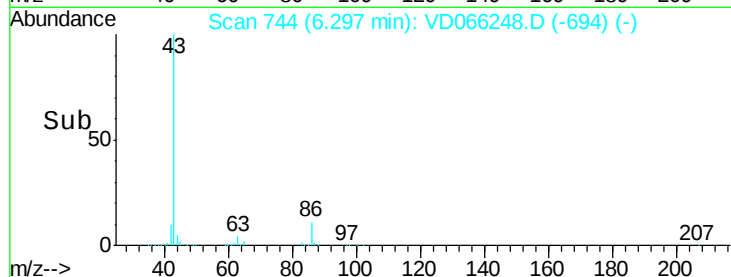
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.529 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

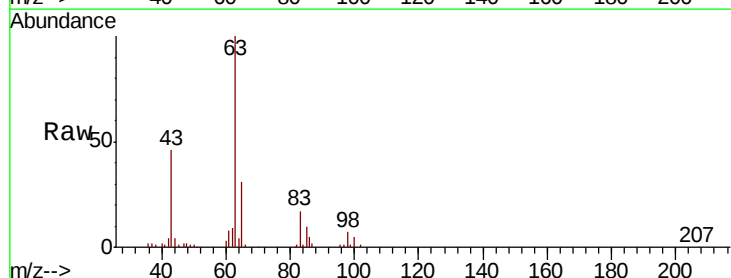
Tgt Ion: 63 Resp: 210315

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 5.2 2.4 7.2



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

6.26

80000

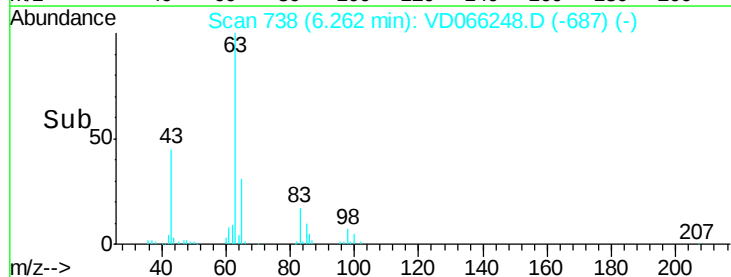
60000

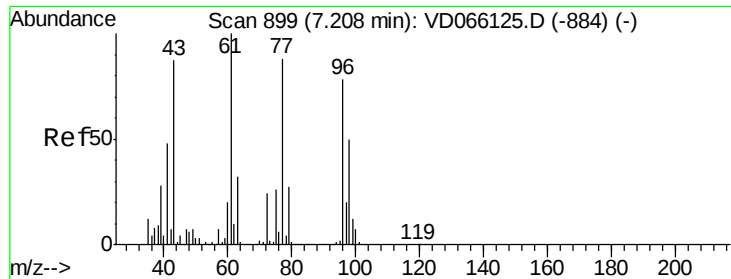
40000

20000

0

Time-->





#25

2-Butanone

Concen: 227.319 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

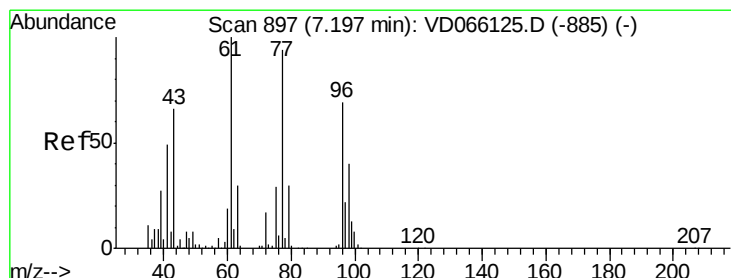
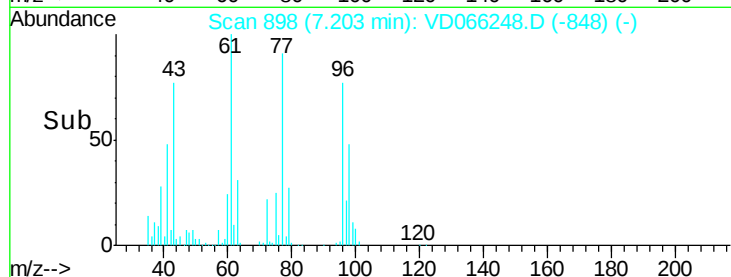
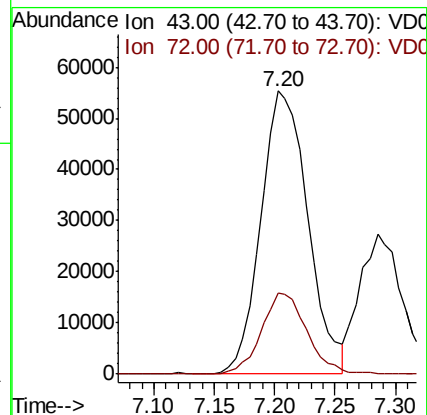
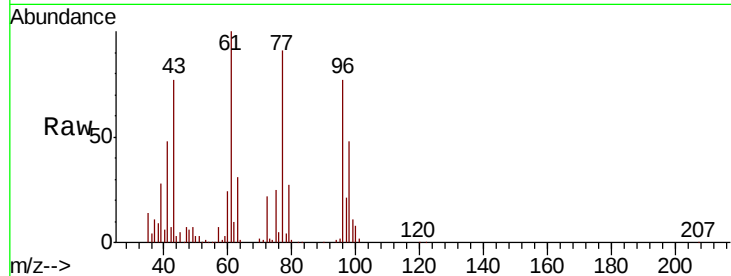
VSTDCCC050EC

Tot Ion: 43 Resp: 149384

Ion Ratio Lower Upper

43 100

72 28.7 22.2 33.2



#26

2,2-Dichloropropane

Concen: 47.302 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066248.D

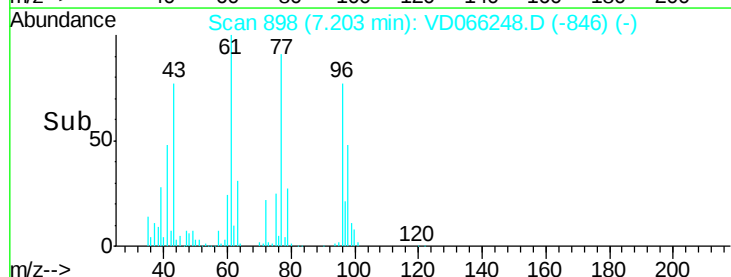
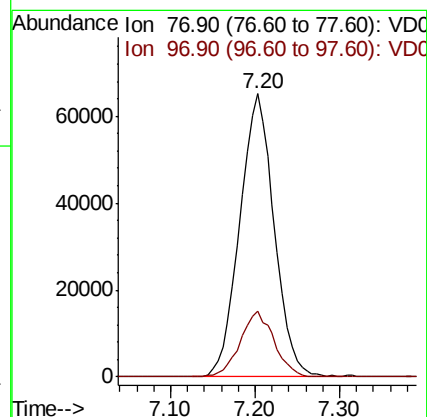
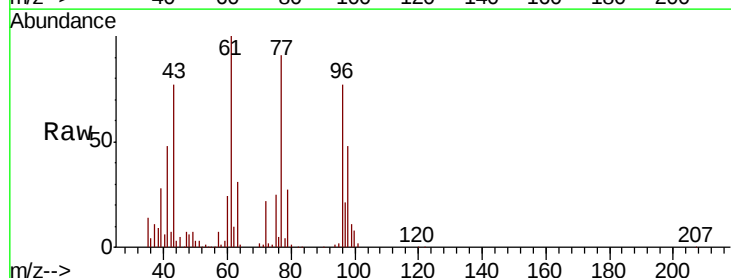
Acq: 14 Aug 2020 20:35

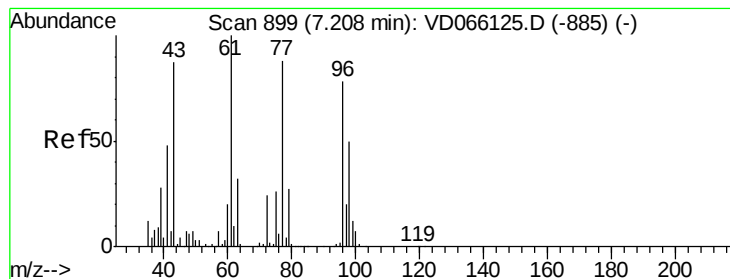
Tgt Ion: 77 Resp: 183735

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.3



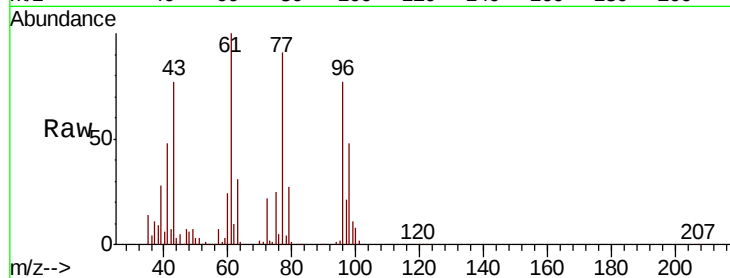


#27

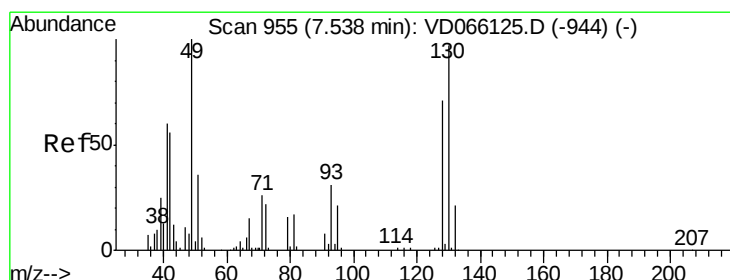
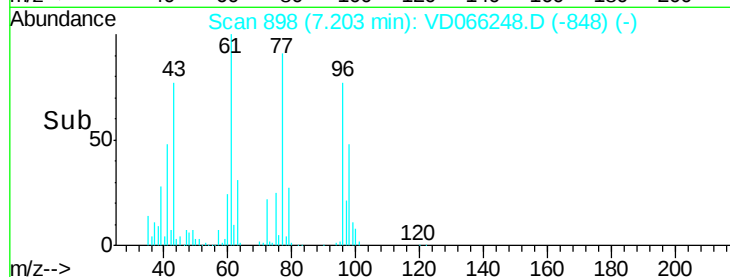
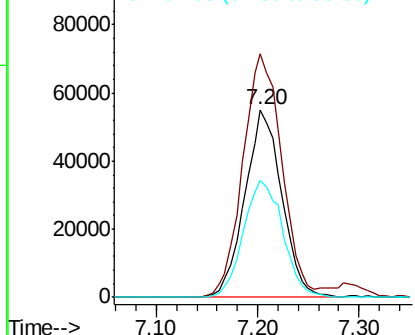
cis-1,2-Dichloroethene  
 Concen: 49.494 ug/l  
 RT: 7.20 min Scan# 898  
 Delta R.T. -0.01 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | 96    | Resp  | 139399 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 137.6 | 0.0   | 281.6  |
| 98      | 66.5  | 0.0   | 130.8  |



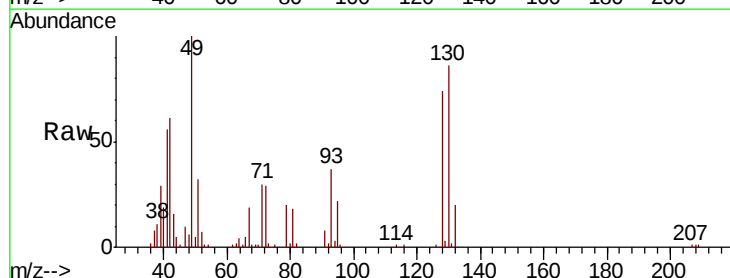
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.90 (60.60 to 61.60): VDC  
 Ion 97.90 (97.60 to 98.60): VDC



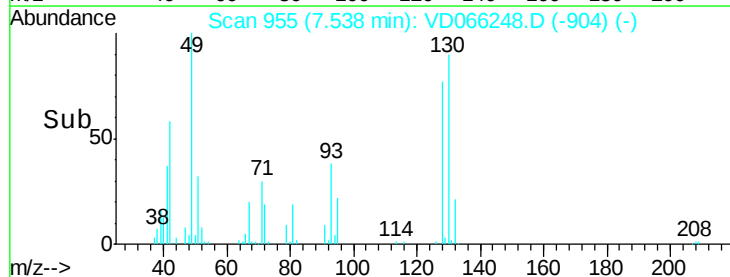
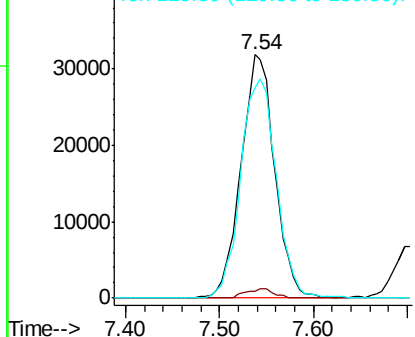
#28

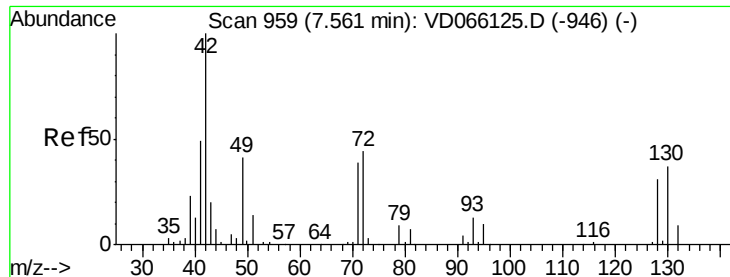
Bromochloromethane  
 Concen: 51.905 ug/l  
 RT: 7.54 min Scan# 955  
 Delta R.T. 0.00 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

| Tgt Ion | 49    | Resp  | 79007 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 3.1   | 0.0   | 6.0   |
| 130     | 94.9  | 73.8  | 110.6 |



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

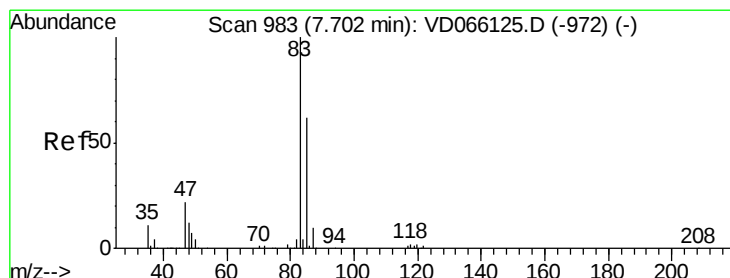
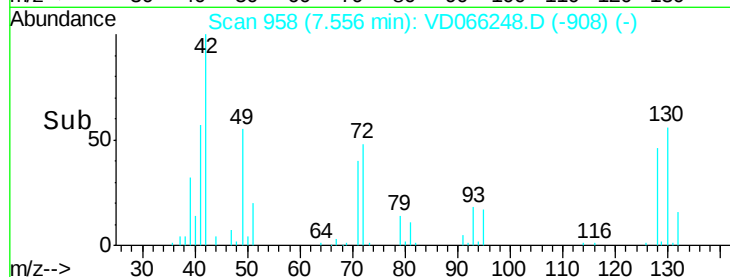
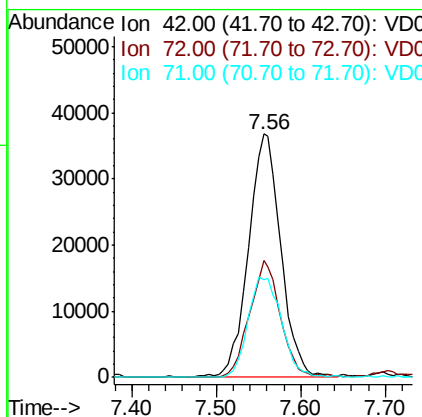
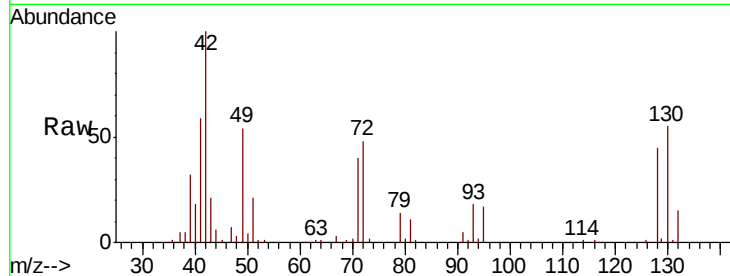




#29  
Tetrahydrofuran  
Concen: 241.847 ug/l  
RT: 7.56 min Scan# 958  
Delta R.T. -0.01 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

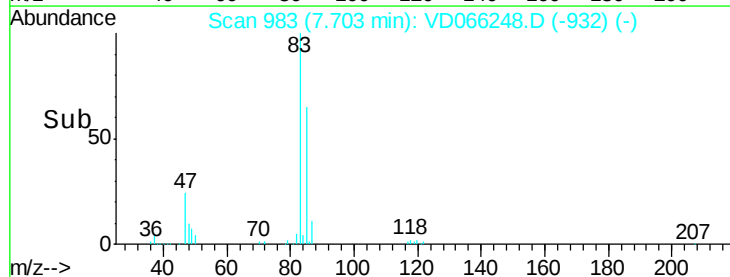
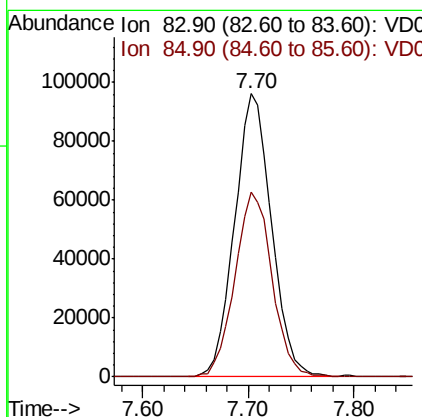
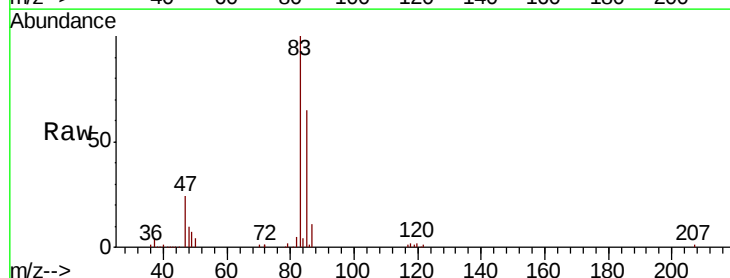
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

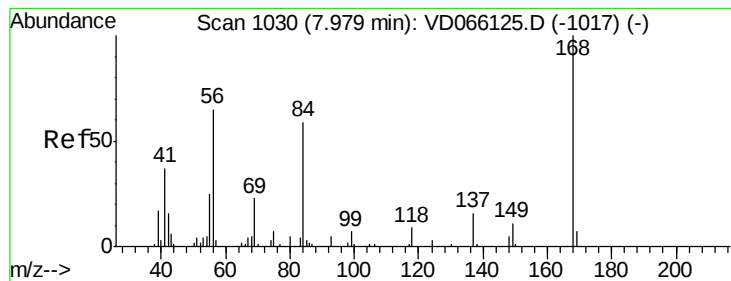
Tot Ion: 42 Resp: 98468  
Ion Ratio Lower Upper  
42 100  
72 45.8 34.8 52.2  
71 42.3 33.5 50.3



#30  
Chloroform  
Concen: 51.215 ug/l  
RT: 7.70 min Scan# 983  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion: 83 Resp: 233063  
Ion Ratio Lower Upper  
83 100  
85 65.4 49.5 74.3





#31

Cyclohexane

Concen: 41.534 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

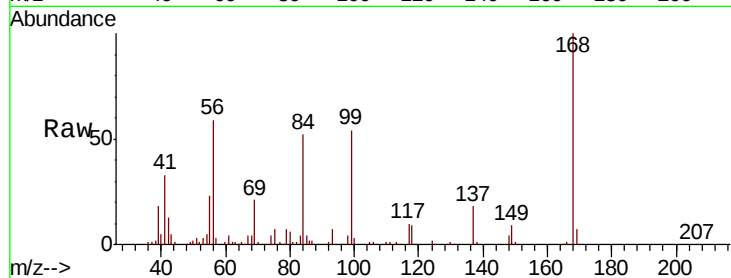
Tot Ion: 56 Resp: 171345

Ion Ratio Lower Upper

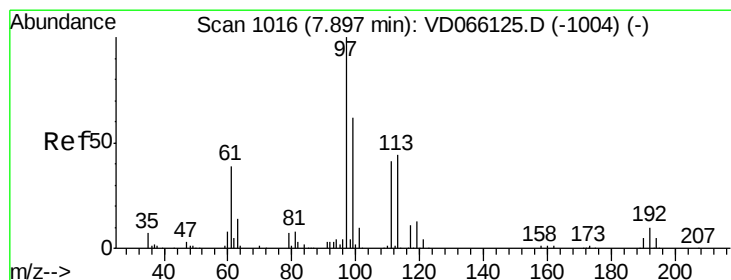
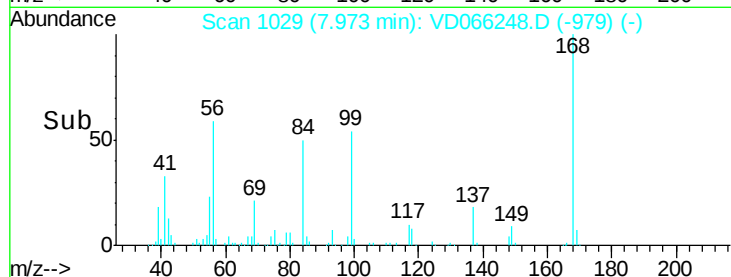
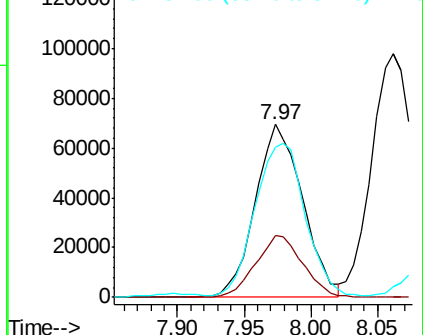
56 100

69 35.9 28.8 43.2

84 85.3 73.0 109.6



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: 50.884 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

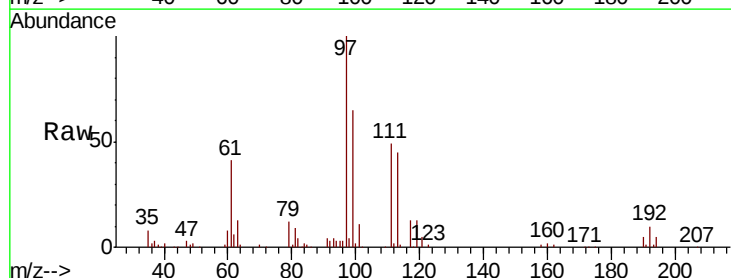
Tgt Ion: 97 Resp: 217110

Ion Ratio Lower Upper

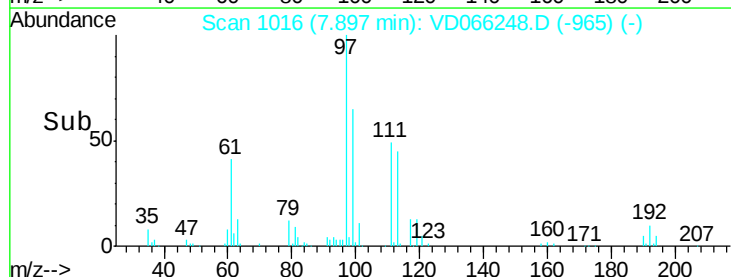
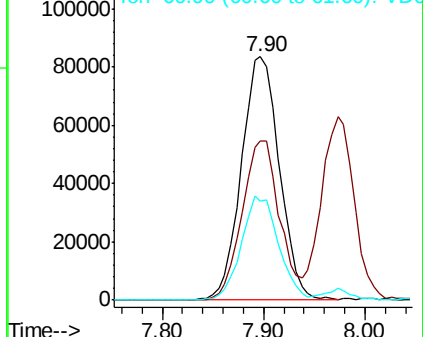
97 100

99 64.9 51.1 76.7

61 41.8 32.7 49.1



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: 54.116 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

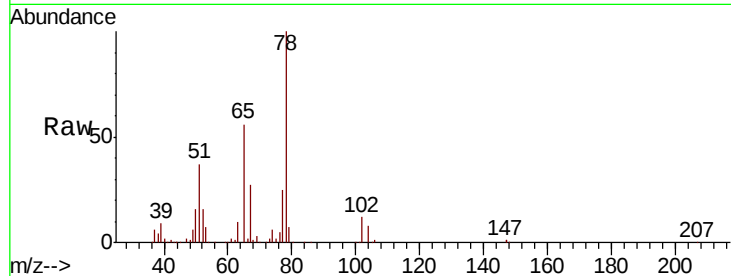
VSTDCCC050EC

Tot Ion: 65 Resp: 127429

Ion Ratio Lower Upper

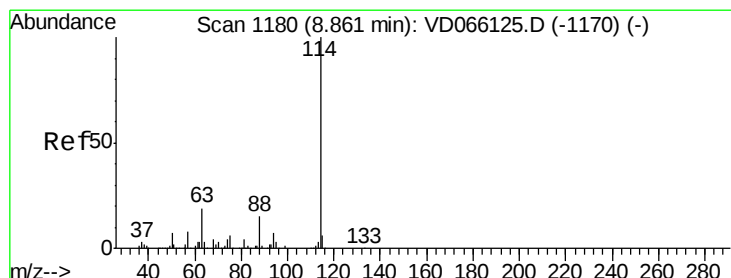
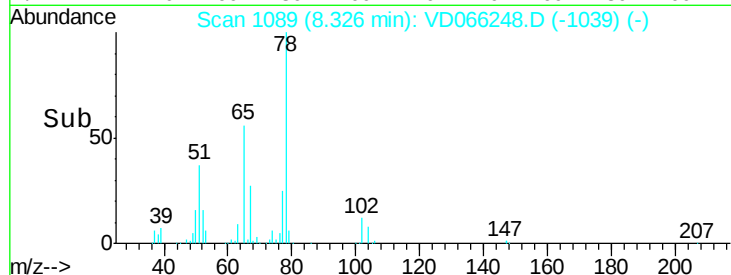
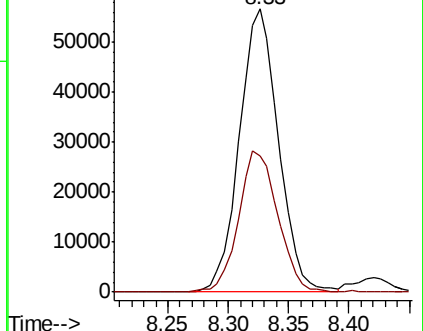
65 100

67 50.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

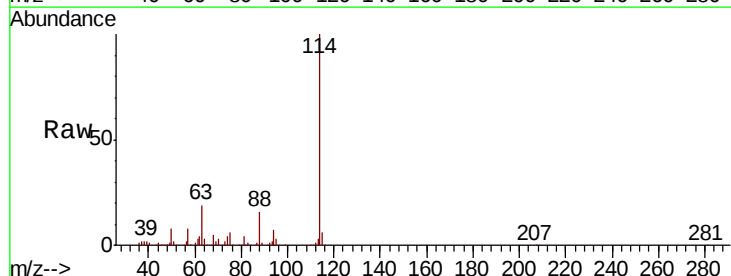
Tgt Ion: 114 Resp: 382379

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

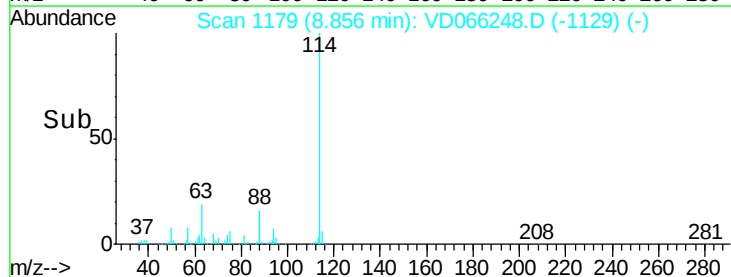
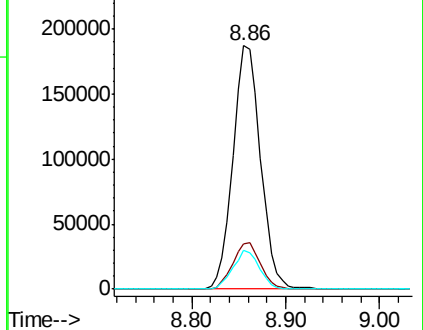
88 15.9 0.0 30.0

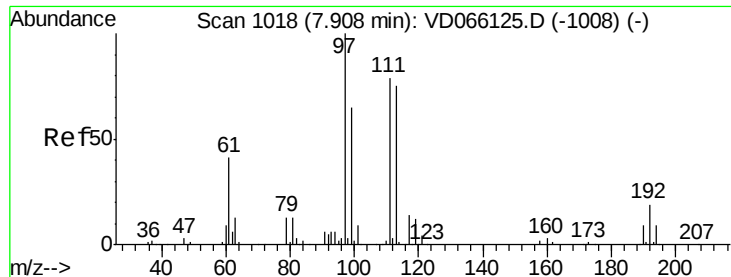


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

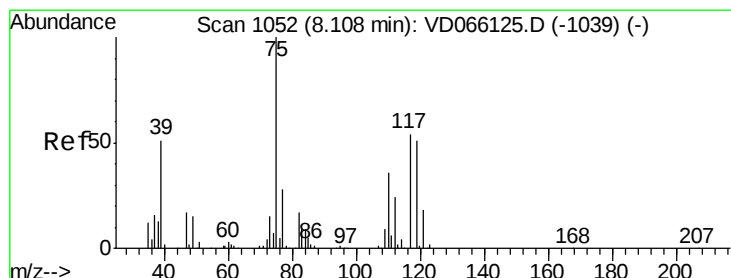
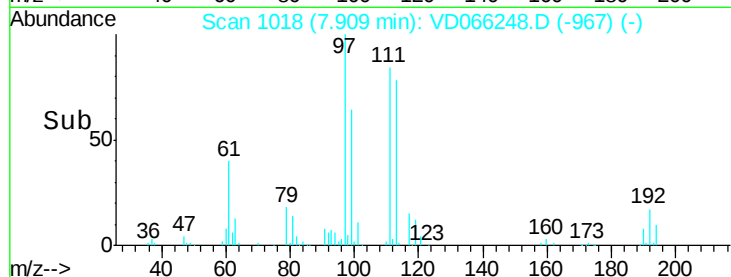
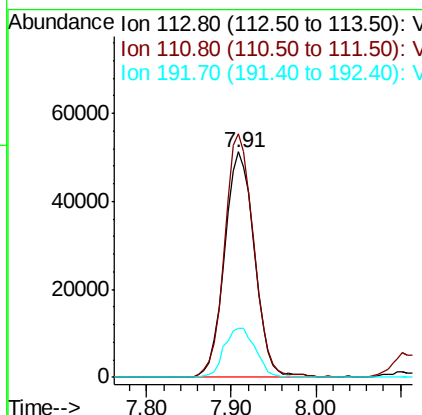
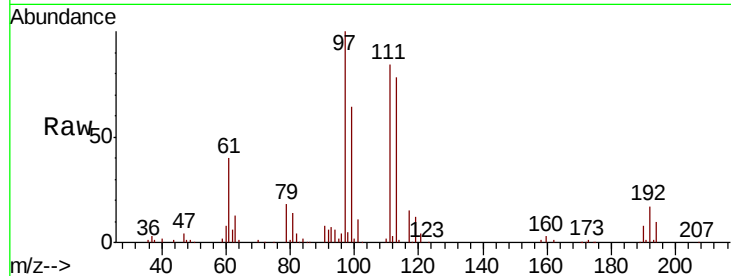




#35  
 Dibromofluoromethane  
 Concen: 51.602 ug/l  
 RT: 7.91 min Scan# 1018  
 Delta R.T. 0.00 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

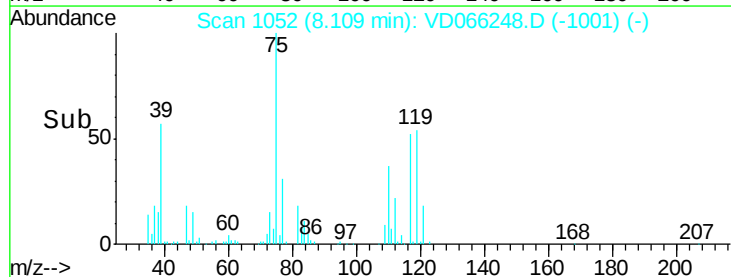
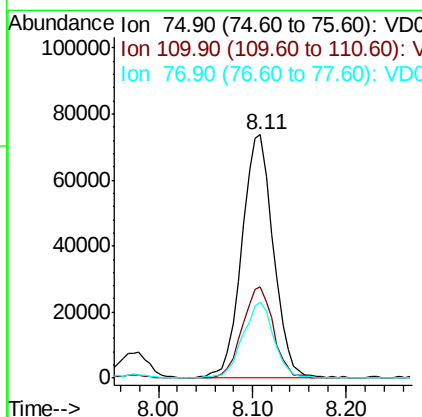
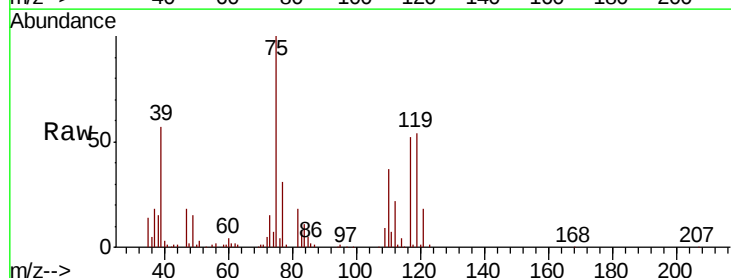
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

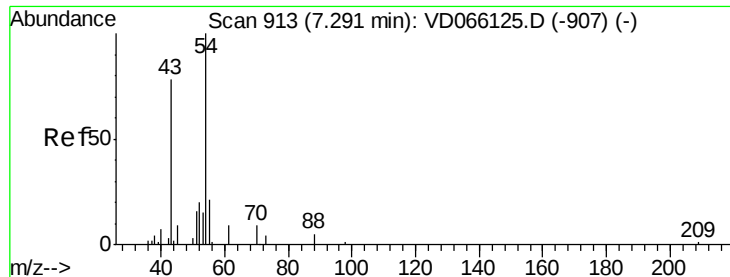
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 105.0 | 80.7  | 121.1 |
| 192     | 22.7  | 18.4  | 27.6  |



#36  
 1,1-Dichloropropene  
 Concen: 47.416 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.1  | 18.8  | 56.3  |
| 77      | 31.0  | 24.2  | 36.2  |

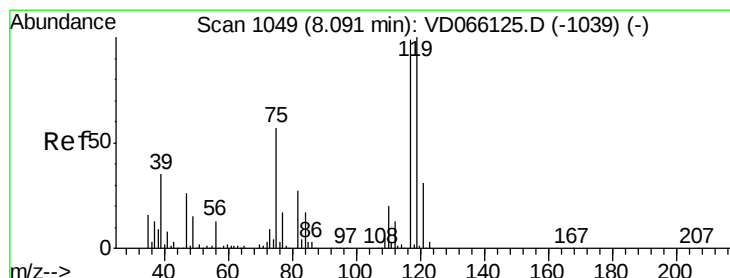
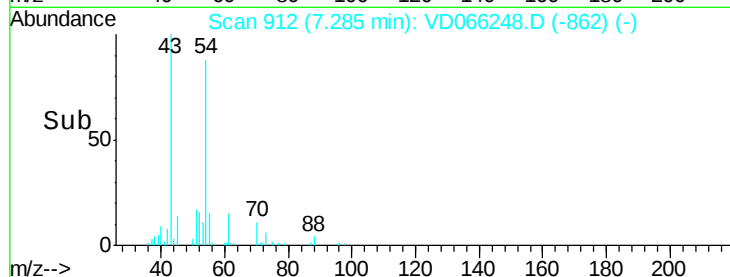
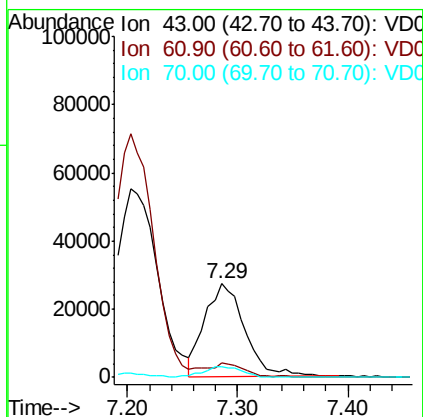
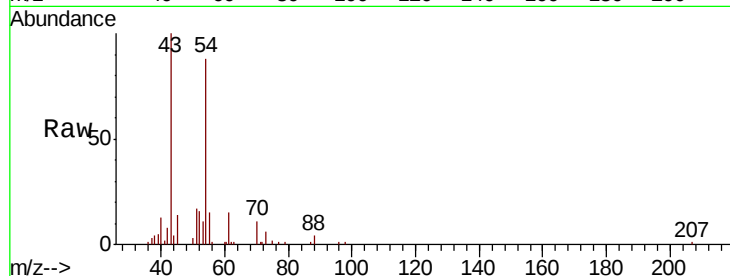




#37  
Ethyl Acetate  
Concen: 48.161 ug/l  
RT: 7.29 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

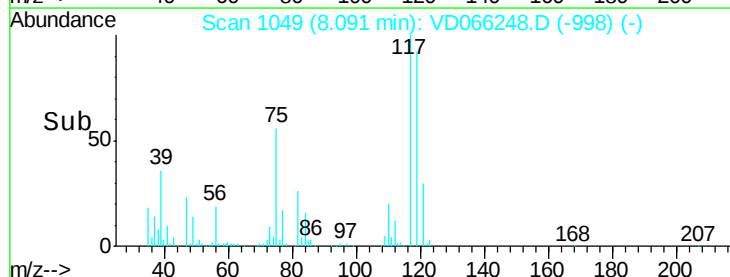
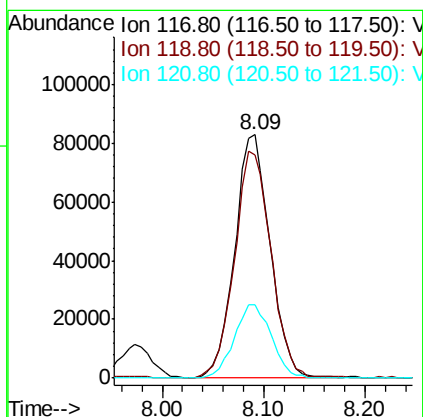
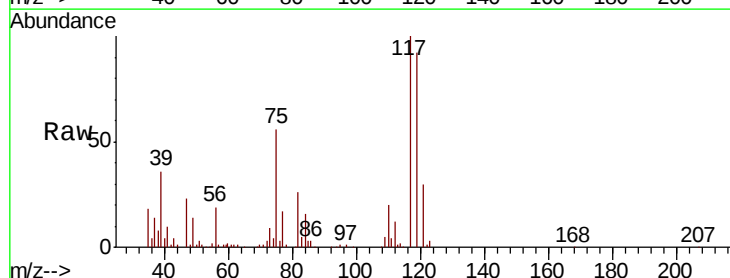
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

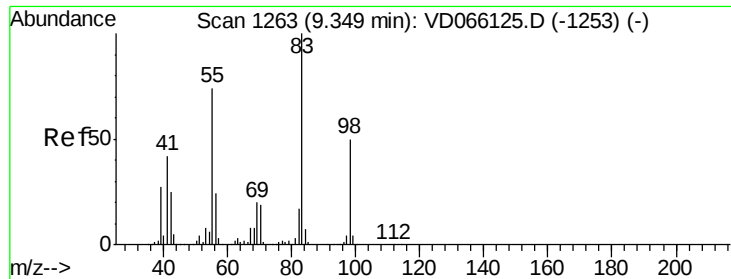
Tot Ion: 43 Resp: 68566  
Ion Ratio Lower Upper  
43 100  
61 13.0 12.0 18.0  
70 11.0 9.7 14.5



#38  
Carbon Tetrachloride  
Concen: 50.263 ug/l  
RT: 8.09 min Scan# 1049  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion: 117 Resp: 201401  
Ion Ratio Lower Upper  
117 100  
119 91.7 81.0 121.4  
121 30.3 24.8 37.2

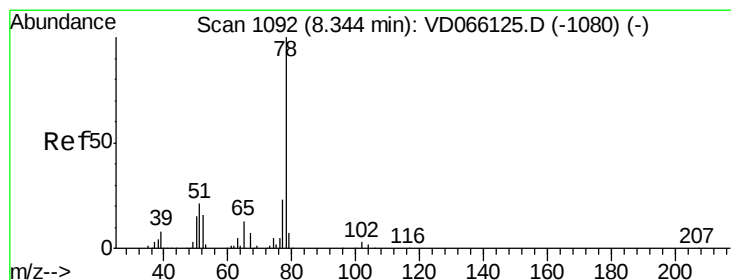
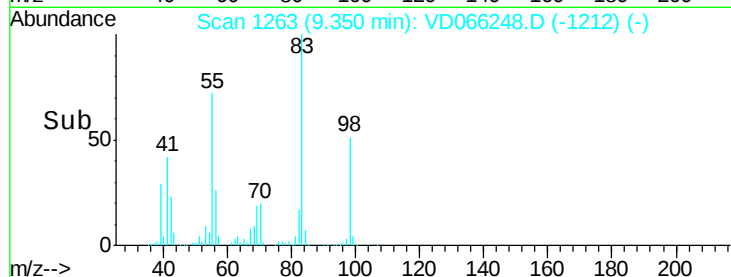
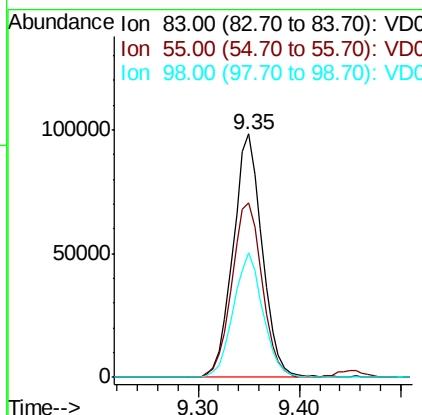
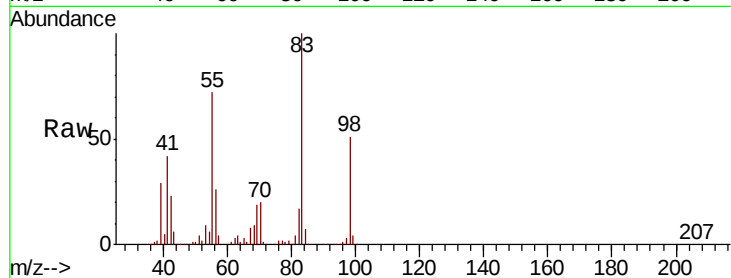




#39  
Methvlcvclohexane  
Concen: 45.156 ug/l  
RT: 9.35 min Scan# 1263  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

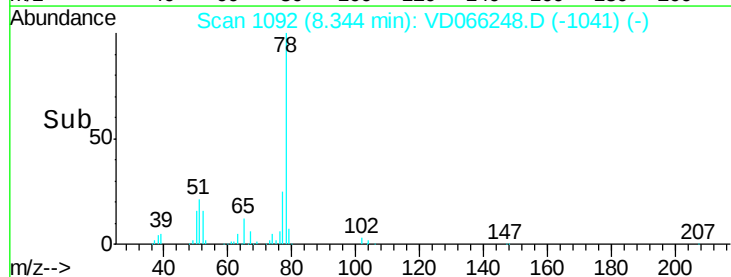
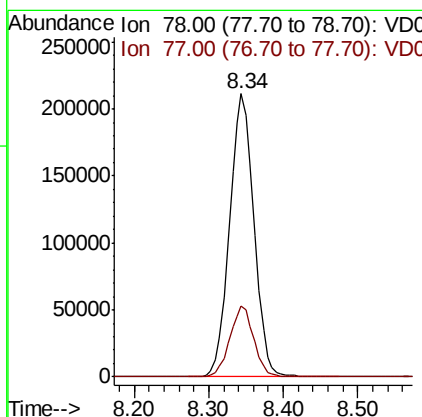
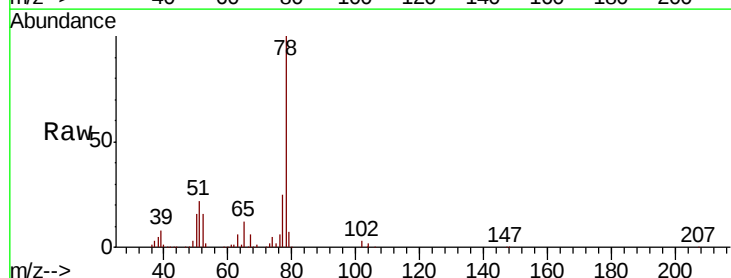
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

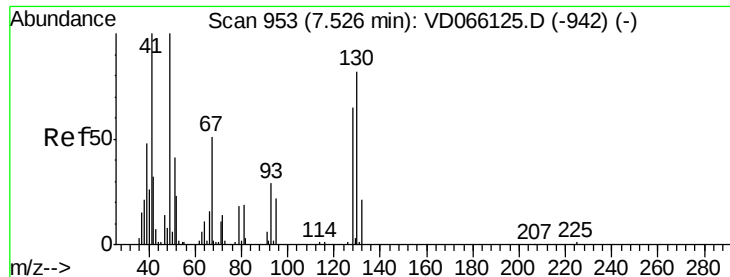
Tot Ion: 83 Resp: 196141  
Ion Ratio Lower Upper  
83 100  
55 71.6 59.2 88.8  
98 51.3 39.8 59.6



#40  
Benzene  
Concen: 48.043 ug/l  
RT: 8.34 min Scan# 1092  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion: 78 Resp: 478887  
Ion Ratio Lower Upper  
78 100  
77 25.2 18.6 27.8





#41

Methacrylonitrile

Concen: 41.812 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

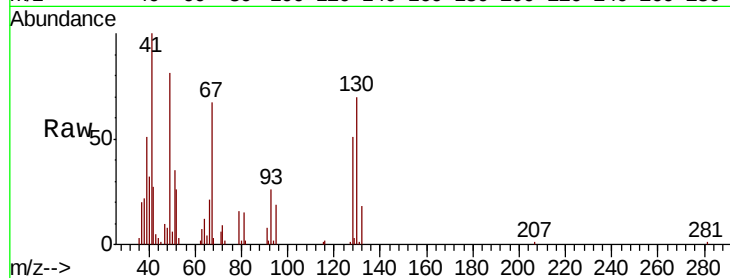
ClientSampleId :

VSTDCCC050EC

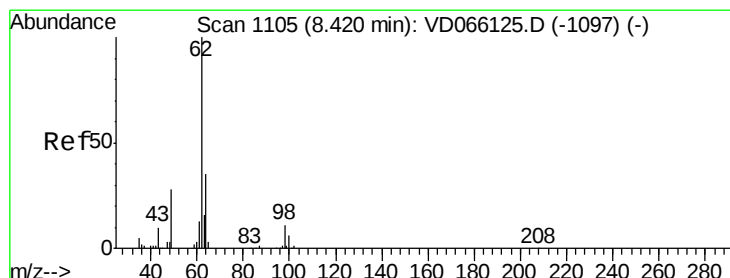
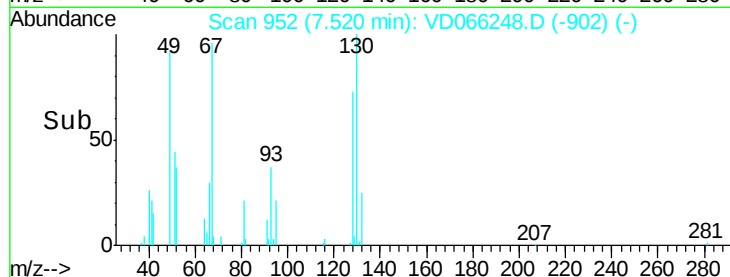
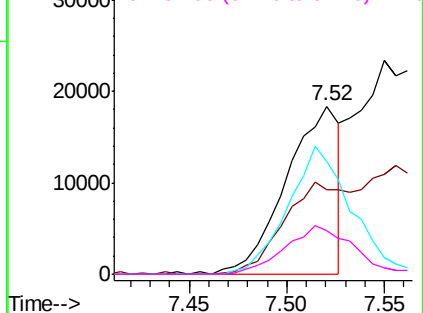
Tot Ion: 41 Resp: 35000

Ion Ratio Lower Upper

|    |      |      |      |
|----|------|------|------|
| 41 | 100  |      |      |
| 39 | 65.4 | 47.5 | 71.3 |
| 67 | 89.8 | 59.1 | 88.7 |
| 52 | 36.9 | 25.4 | 38.0 |



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: 51.042 ug/l

RT: 8.41 min Scan# 1104

Delta R.T. -0.01 min

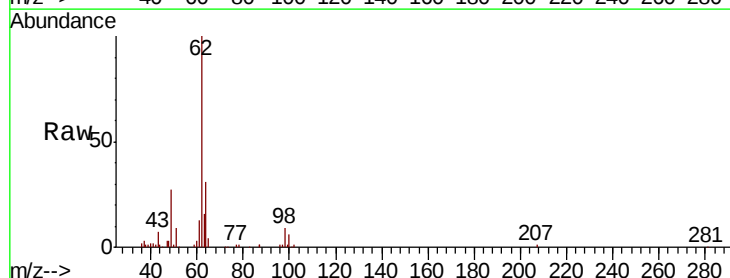
Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

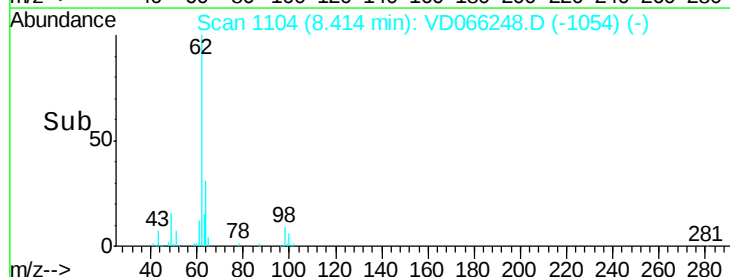
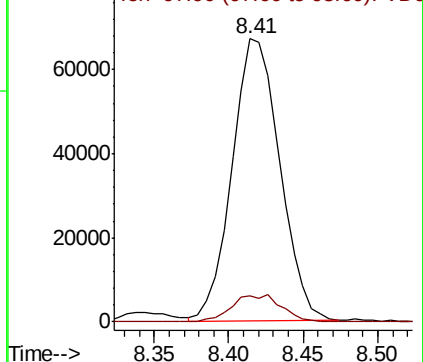
Tgt Ion: 62 Resp: 149466

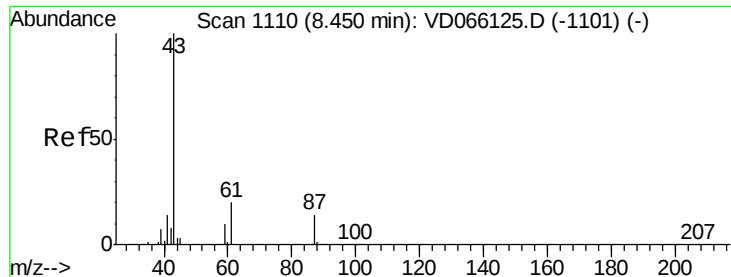
Ion Ratio Lower Upper

|    |      |     |      |
|----|------|-----|------|
| 62 | 100  |     |      |
| 98 | 10.0 | 0.0 | 20.4 |



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





#43

Isopropyl Acetate

Concen: 49.147 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

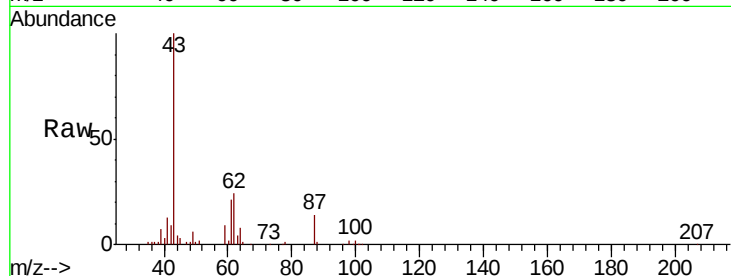
Tot Ion: 43 Resp: 137860

Ion Ratio Lower Upper

43 100

61 31.3 25.5 38.3

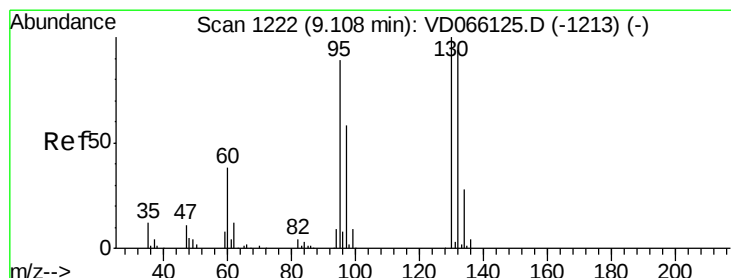
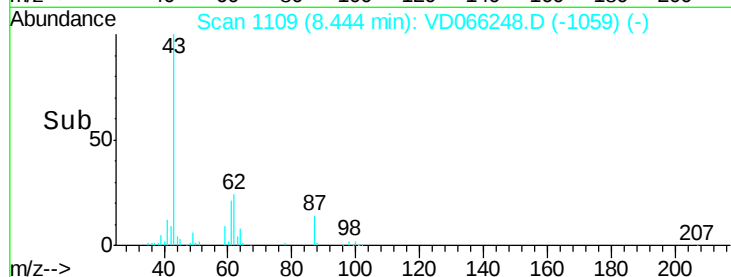
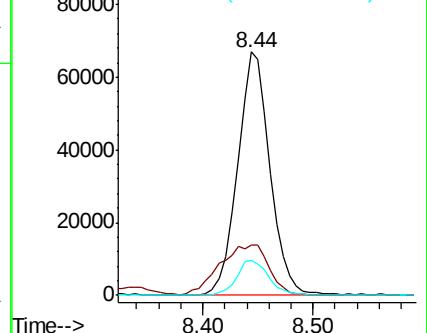
87 14.2 11.2 16.8



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: 47.753 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066248.D

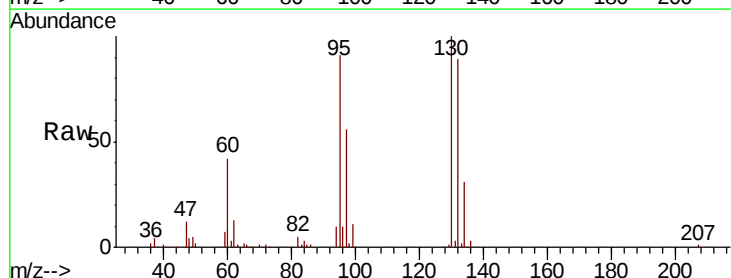
Acq: 14 Aug 2020 20:35

Tgt Ion: 130 Resp: 143434

Ion Ratio Lower Upper

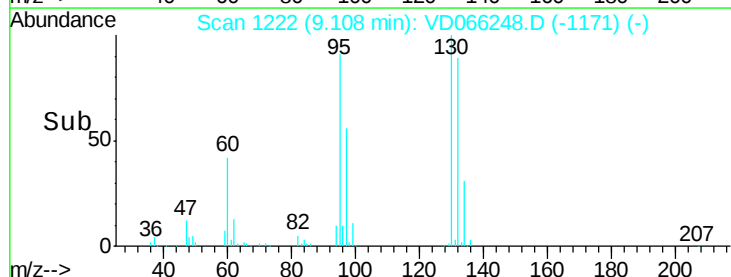
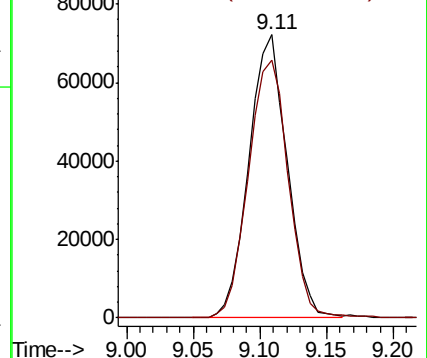
130 100

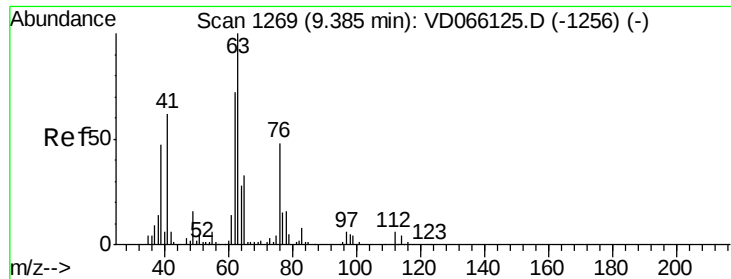
95 90.9 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 48.992 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

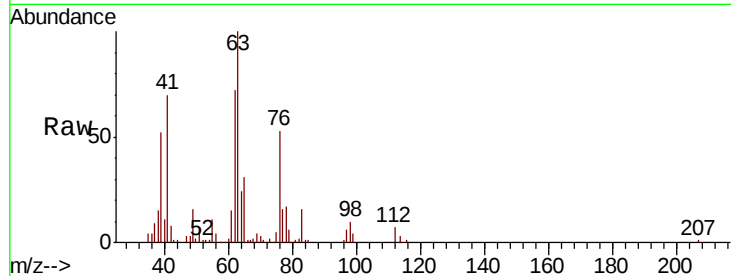
VSTDCCC050EC

Tot Ion: 63 Resp: 119436

Ion Ratio Lower Upper

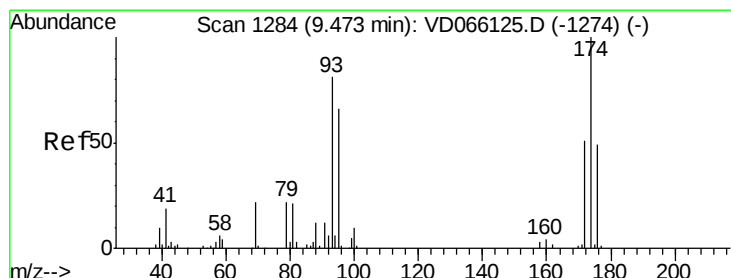
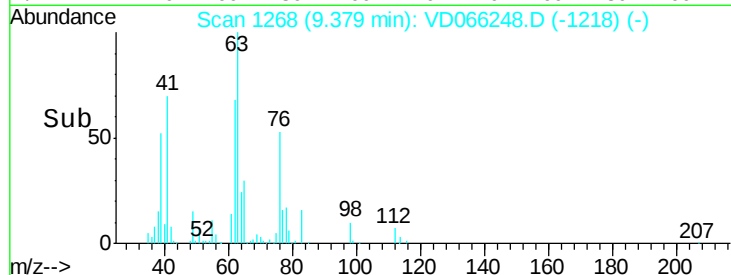
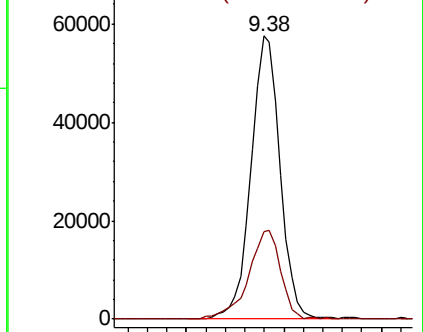
63 100

65 30.9 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 50.646 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

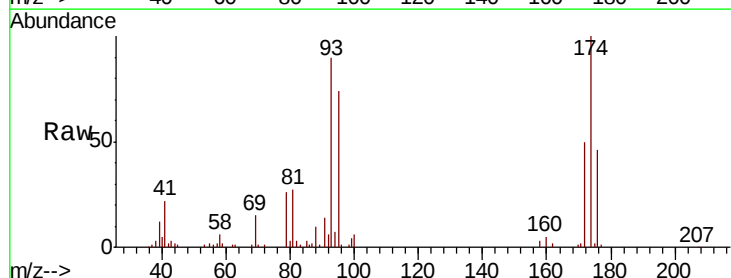
Tgt Ion: 93 Resp: 68010

Ion Ratio Lower Upper

93 100

95 85.3 65.8 98.6

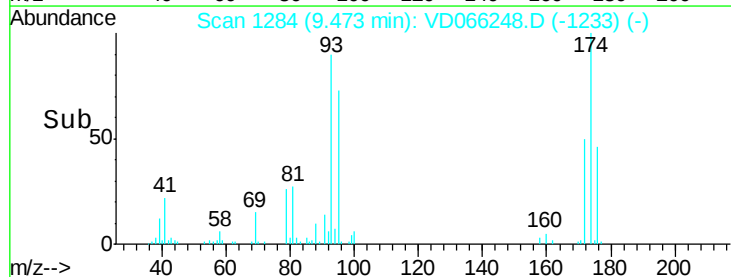
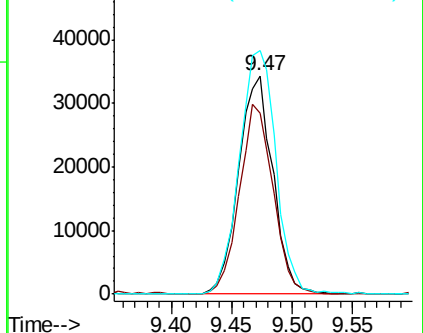
174 119.5 92.8 139.2

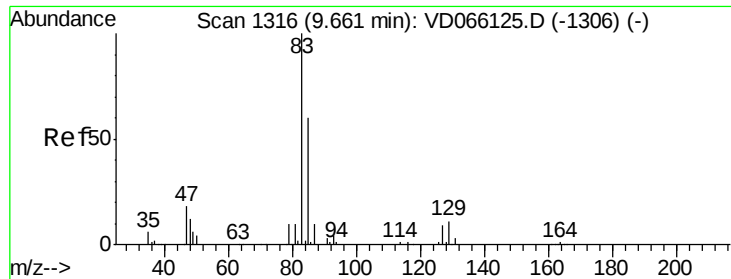


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 52.406 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

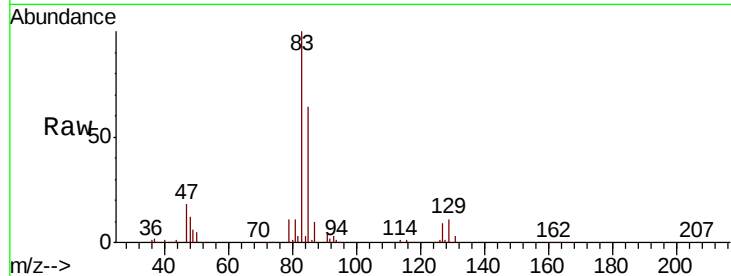
Tot Ion: 83 Resp: 185994

Ion Ratio Lower Upper

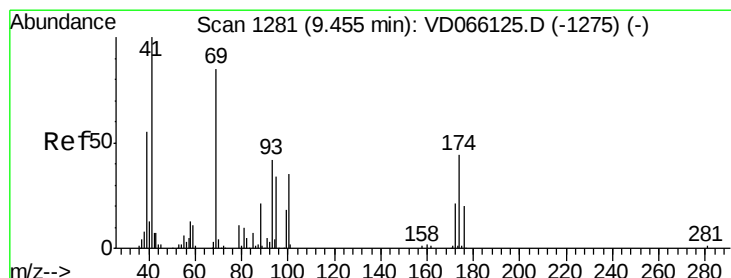
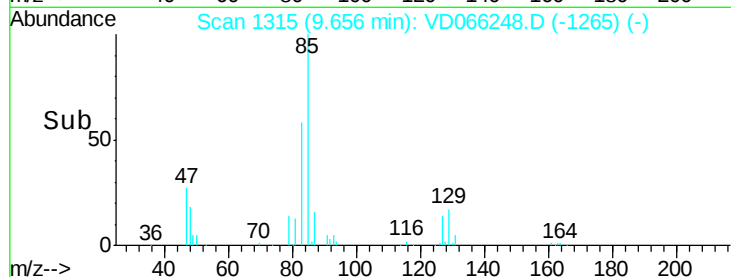
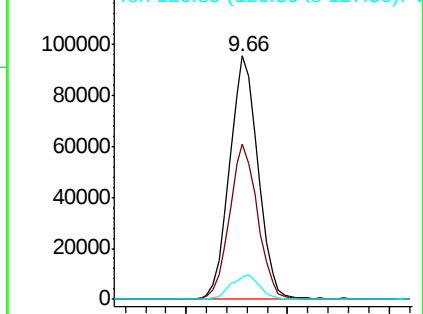
83 100

85 64.0 48.2 72.4

127 9.2 7.3 10.9



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: 46.774 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

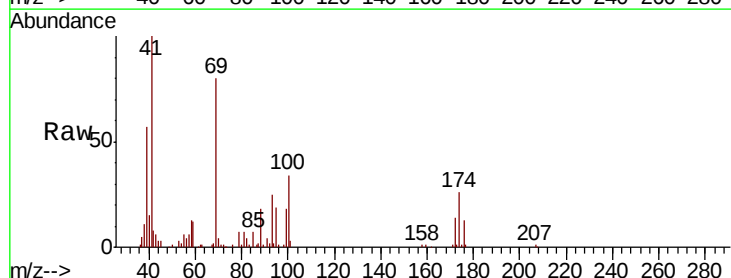
Tgt Ion: 41 Resp: 66996

Ion Ratio Lower Upper

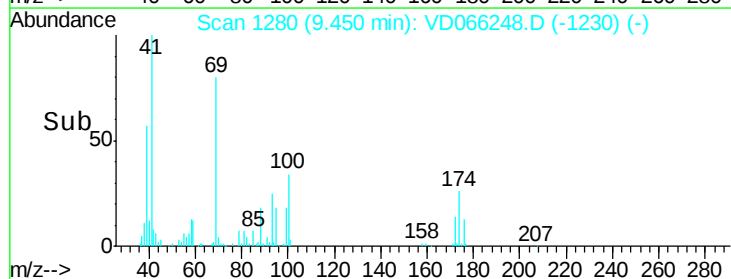
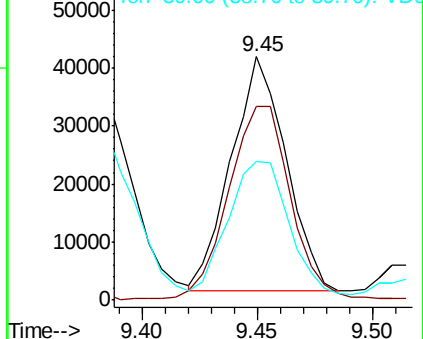
41 100

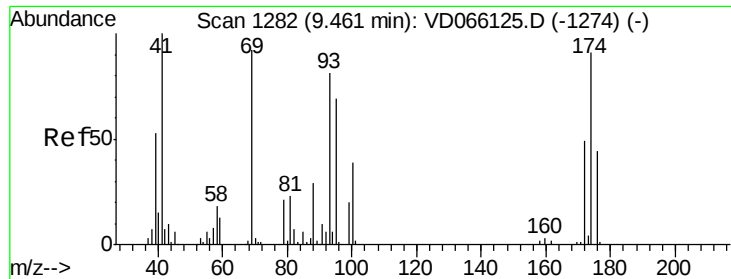
69 92.5 63.9 95.9

39 62.5 42.6 64.0



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

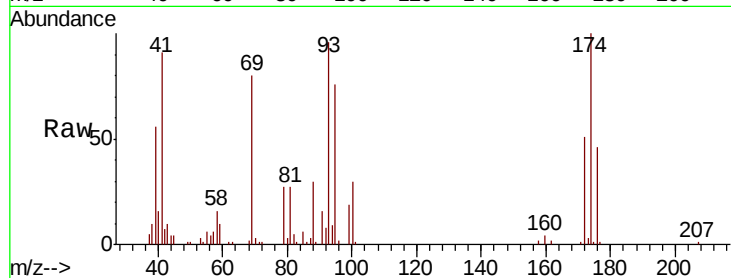




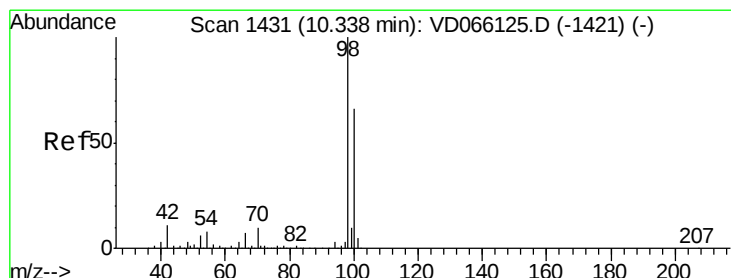
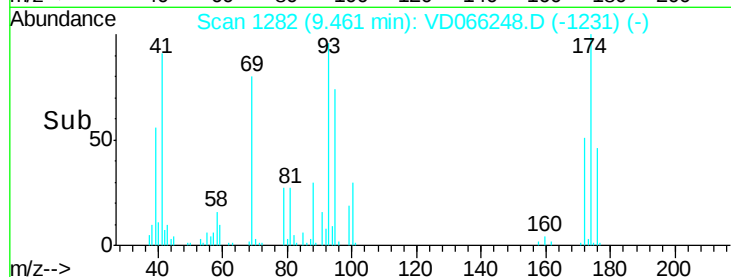
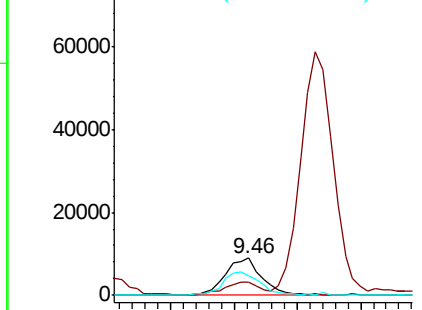
#49  
 1,4-Dioxane  
 Concen: 1036.684 ug/l  
 RT: 9.46 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 88 Resp: 17885  
 Ion Ratio Lower Upper  
 88 100  
 43 36.1 27.5 41.3  
 58 65.0 50.2 75.4

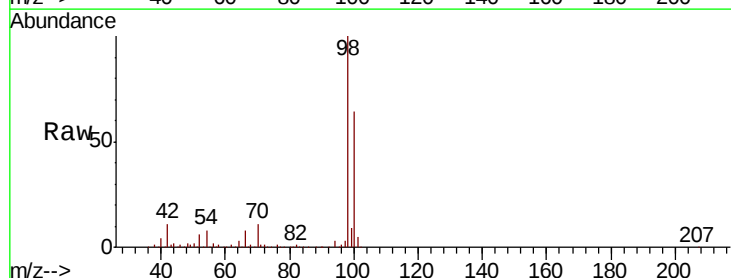


Abundance Ion 88.00 (87.70 to 88.70): VDC  
 Ion 43.00 (42.70 to 43.70): VDC  
 Ion 58.00 (57.70 to 58.70): VDC

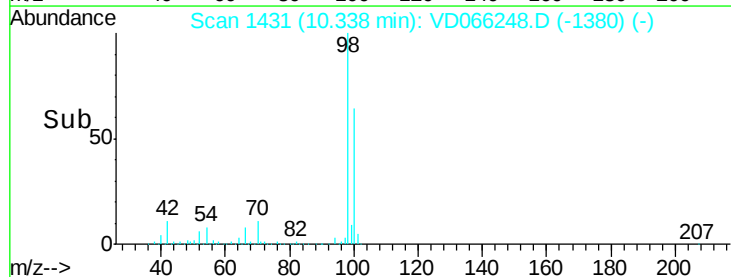
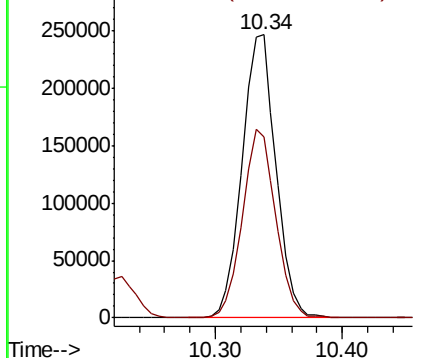


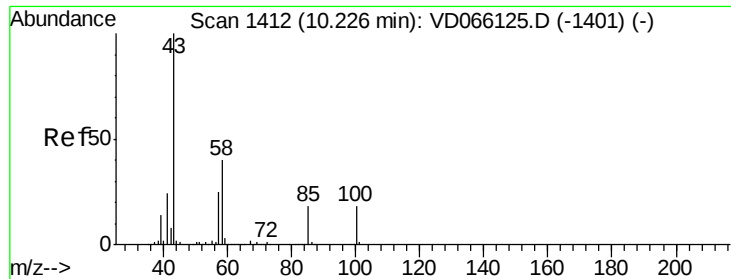
#50  
 Toluene-d8  
 Concen: 51.050 ug/l  
 RT: 10.34 min Scan# 1431  
 Delta R.T. 0.00 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Tgt Ion: 98 Resp: 456333  
 Ion Ratio Lower Upper  
 98 100  
 100 66.0 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 252.791 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

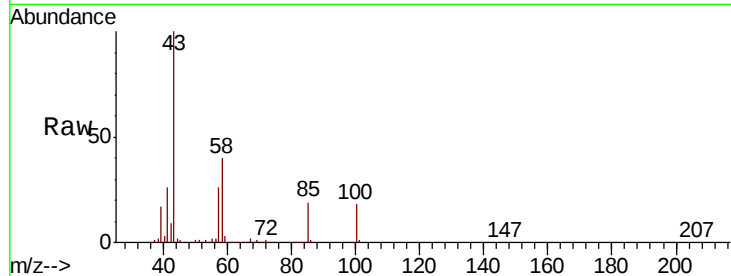
VSTDCCC050EC

Tot Ion: 43 Resp: 364232

Ion Ratio Lower Upper

43 100

58 40.1 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

200000

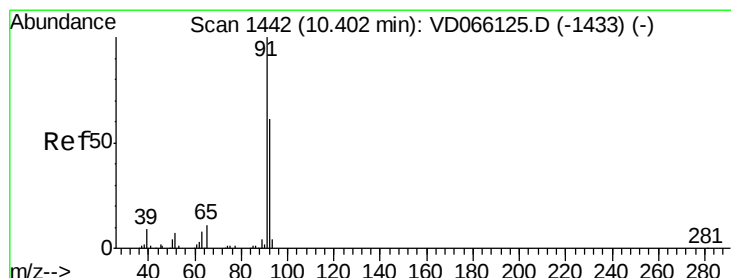
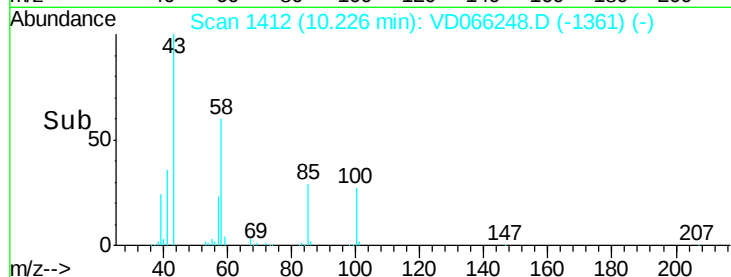
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 49.388 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066248.D

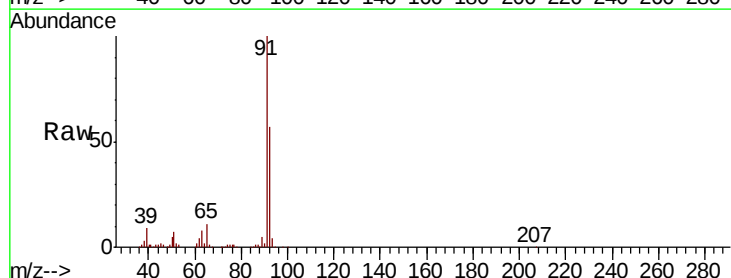
Acq: 14 Aug 2020 20:35

Tgt Ion: 92 Resp: 323934

Ion Ratio Lower Upper

92 100

91 172.3 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

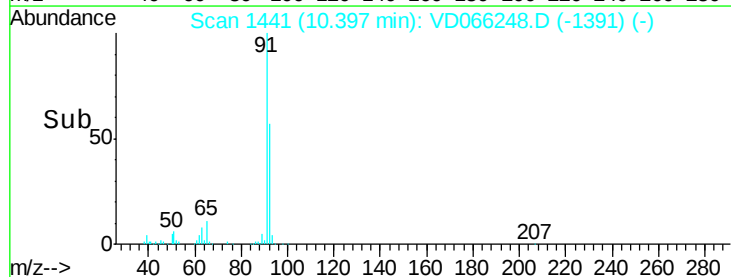
300000

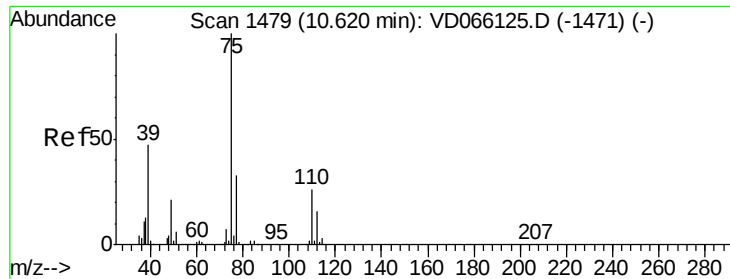
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.391 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

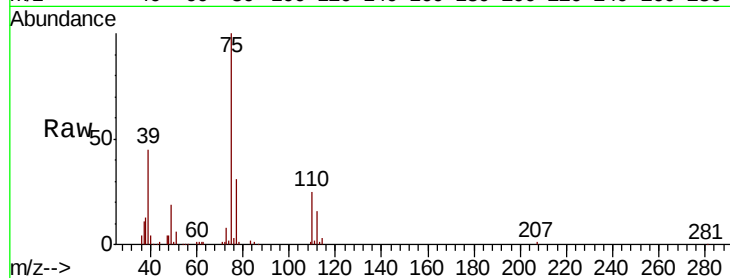
VSTDCCC050EC

Tot Ion: 75 Resp: 173091

Ion Ratio Lower Upper

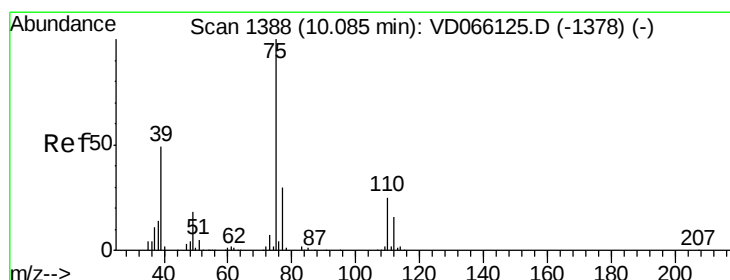
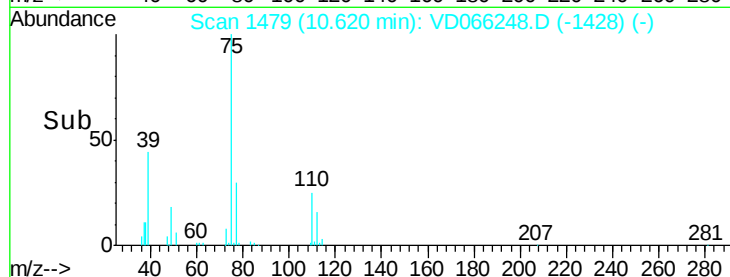
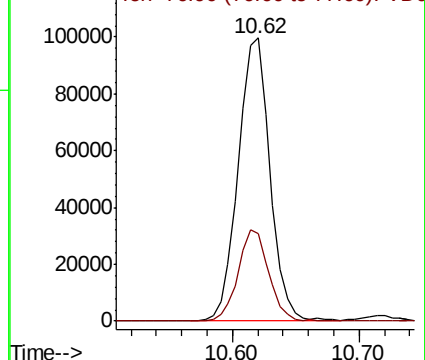
75 100

77 30.7 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 50.907 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

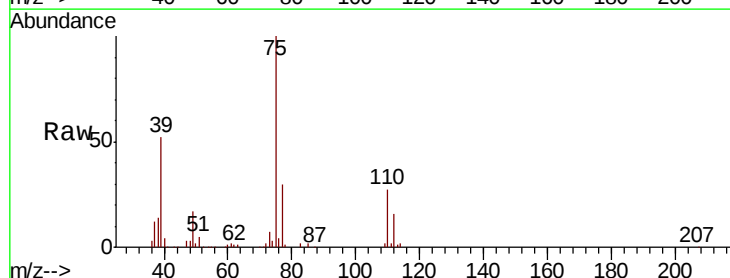
Tgt Ion: 75 Resp: 200889

Ion Ratio Lower Upper

75 100

77 30.1 24.3 36.5

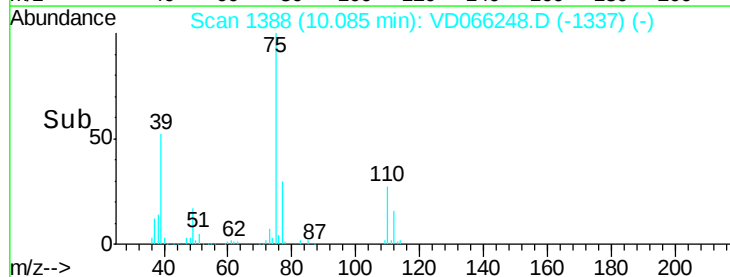
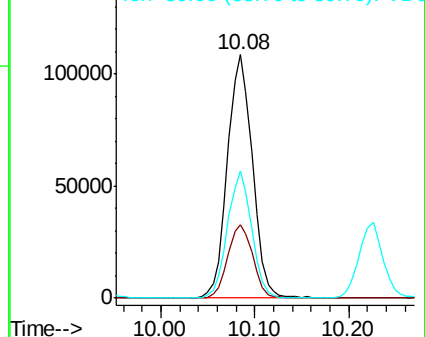
39 52.2 39.3 58.9

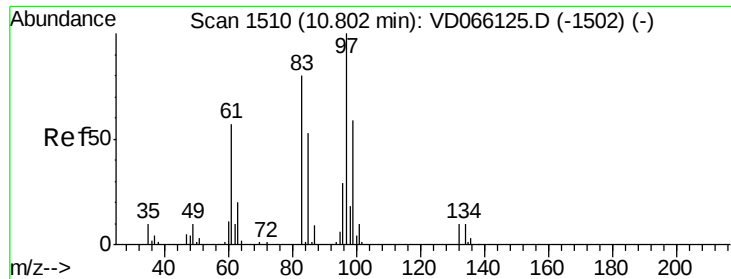


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

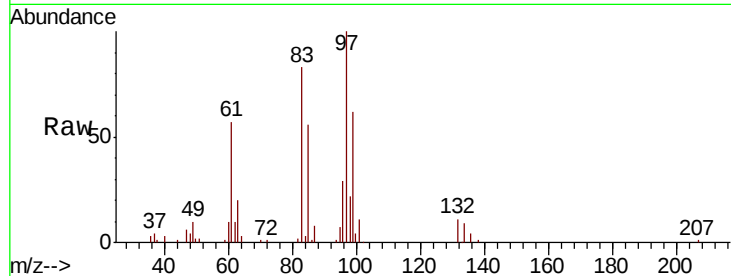




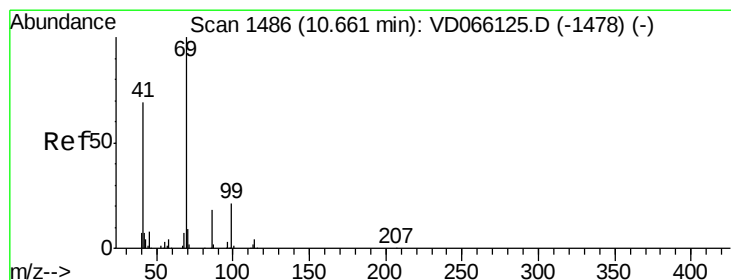
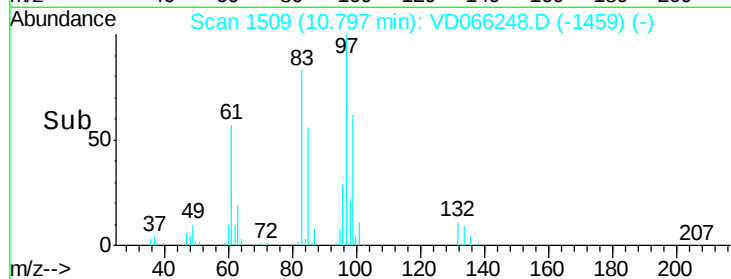
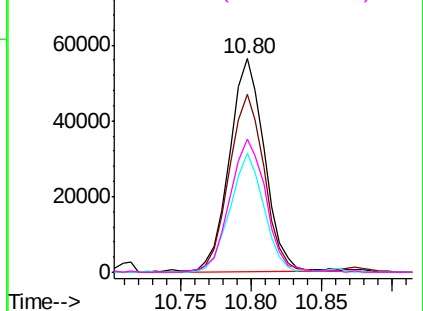
#55  
 1,1,2-Trichloroethane  
 Concen: 50.140 ug/l  
 RT: 10.80 min Scan# 1509  
 Delta R.T. -0.01 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 96952 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.6  | 63.9  | 95.9  |
| 85       | 56.1  | 42.5  | 63.7  |
| 99       | 62.0  | 47.4  | 71.0  |

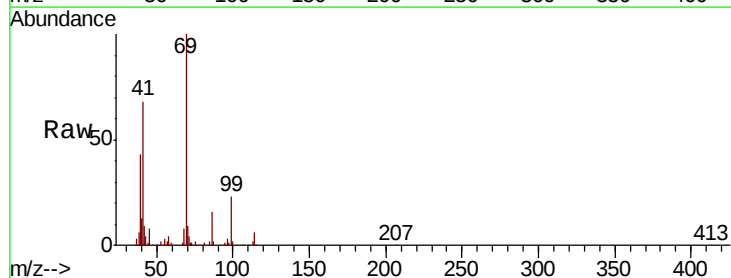


Abundance Ion 96.90 (96.60 to 97.60): VDC  
 Ion 82.90 (82.60 to 83.60): VDC  
 Ion 84.90 (84.60 to 85.60): VDC  
 Ion 98.90 (98.60 to 99.60): VDC

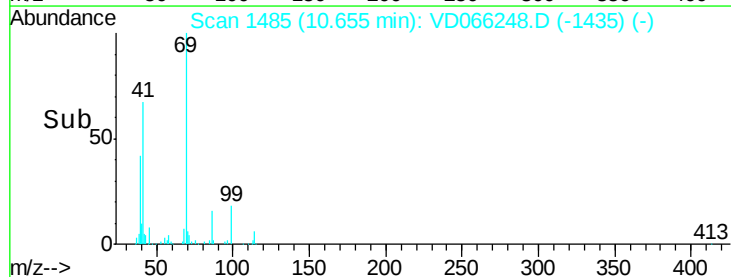
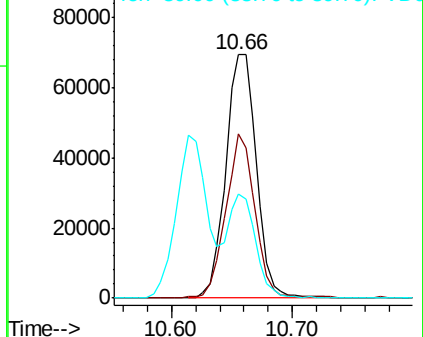


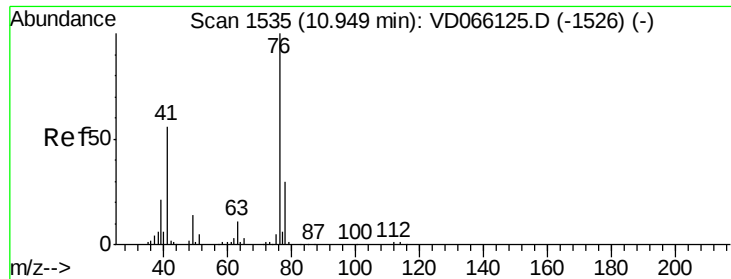
#56  
 Ethyl methacrylate  
 Concen: 52.849 ug/l  
 RT: 10.66 min Scan# 1485  
 Delta R.T. -0.01 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 122760 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.5  | 54.1  | 81.1   |
| 39       | 40.0  | 28.6  | 43.0   |



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

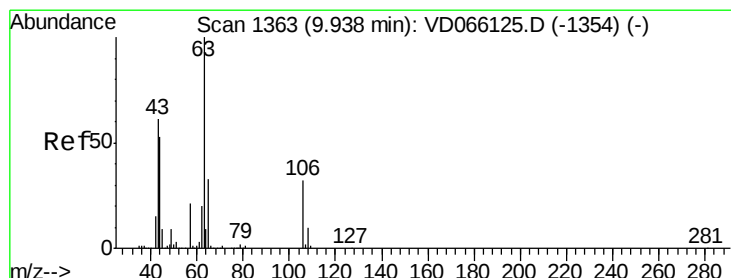
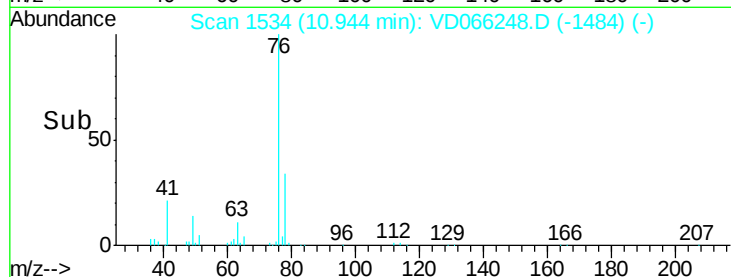
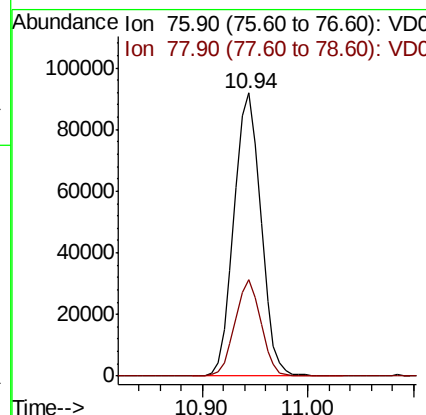
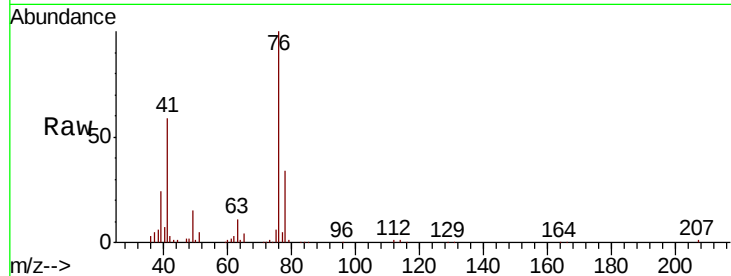




#57  
 1,3-Dichloropropane  
 Concen: 50.591 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. -0.01 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

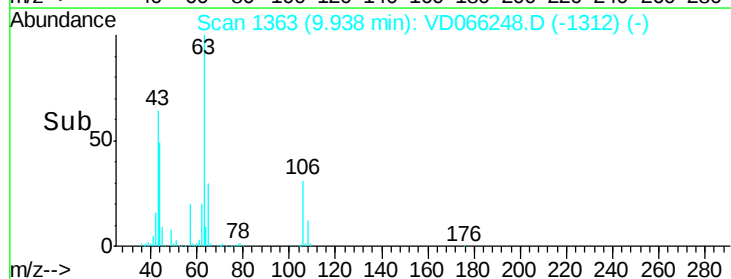
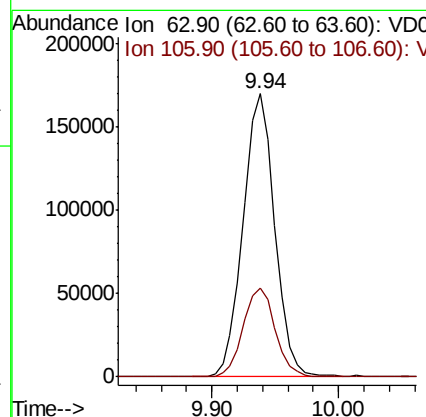
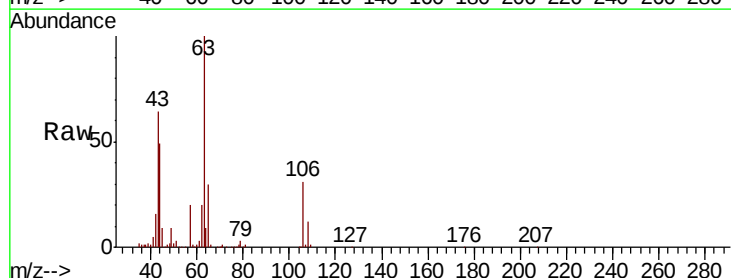
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

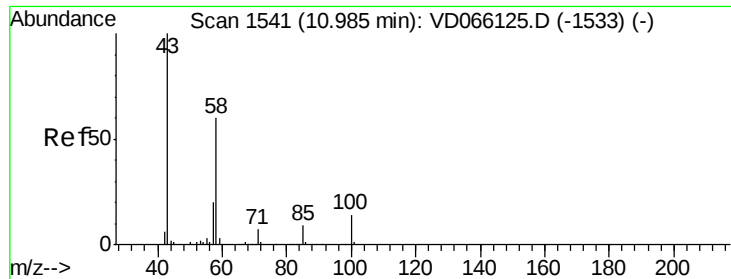
Tot Ion: 76 Resp: 162403  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 25.5 38.3



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 282.627 ug/l  
 RT: 9.94 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Tgt Ion: 63 Resp: 295302  
 Ion Ratio Lower Upper  
 63 100  
 106 31.8 25.3 37.9

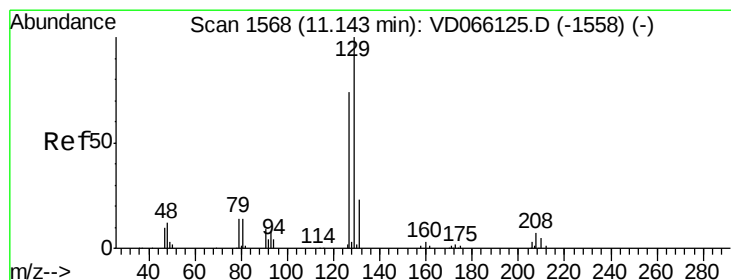
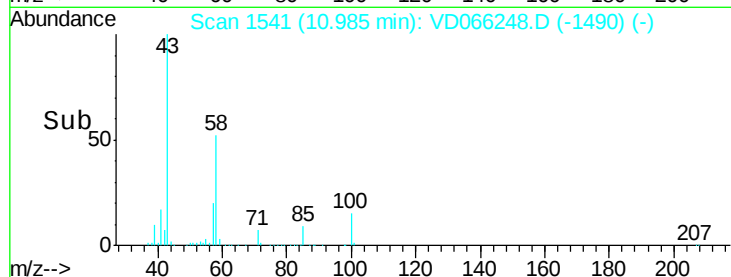
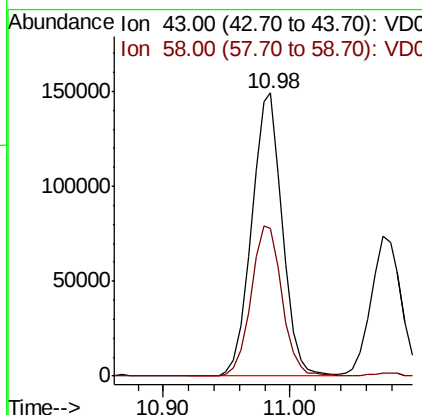
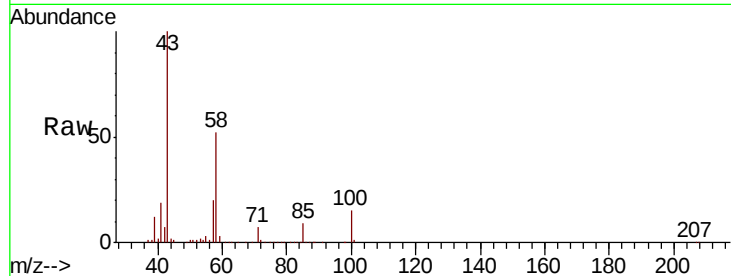




#59  
2-Hexanone  
Concen: 248.033 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

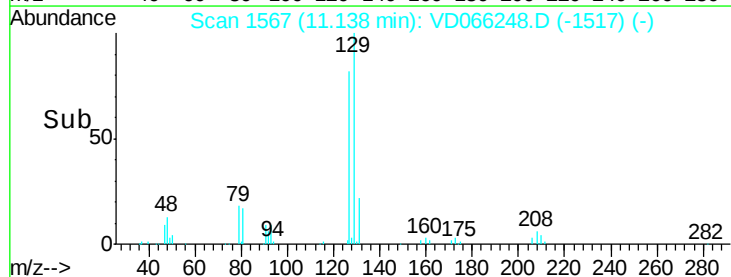
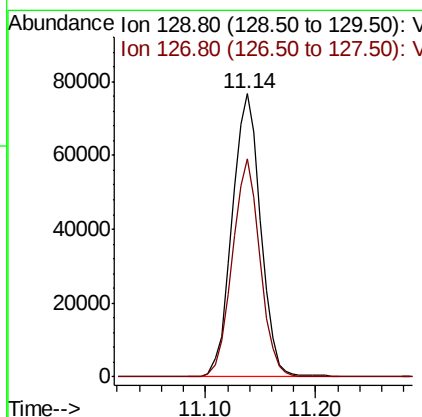
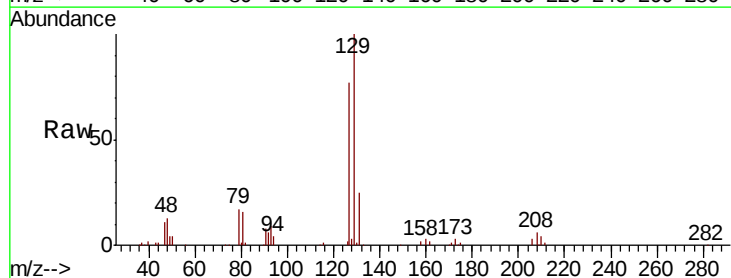
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

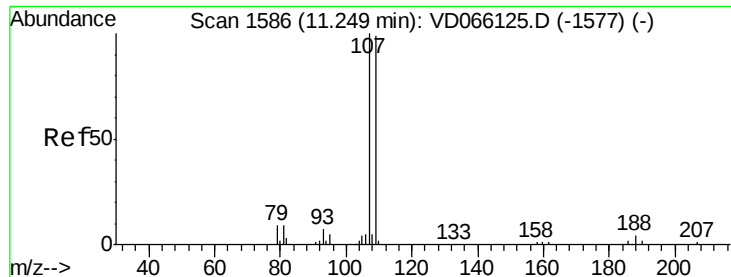
Tot Ion: 43 Resp: 250813  
Ion Ratio Lower Upper  
43 100  
58 53.7 27.8 83.4



#60  
Dibromochloromethane  
Concen: 52.134 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion: 129 Resp: 139173  
Ion Ratio Lower Upper  
129 100  
127 74.7 38.0 114.1

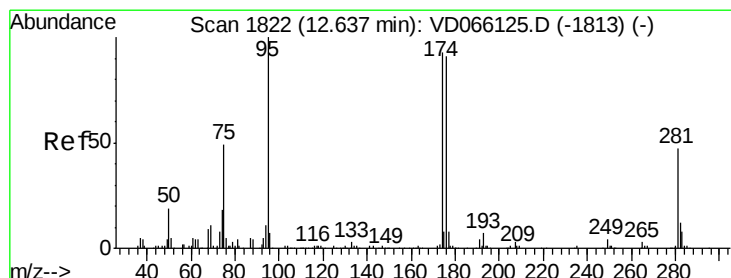
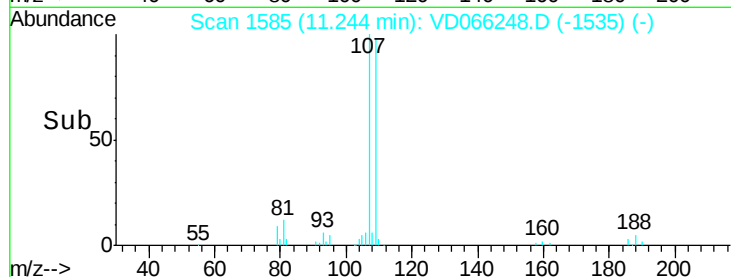
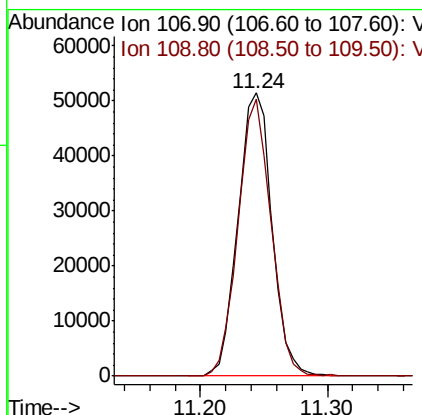
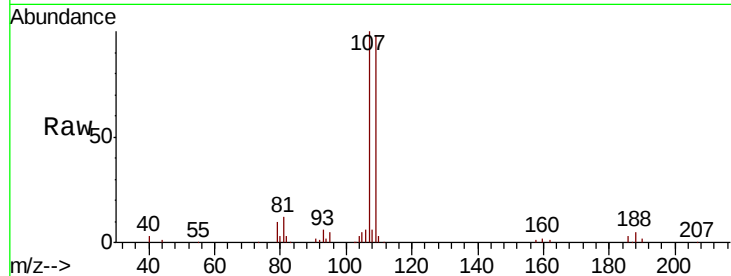




#61  
 1,2-Dibromoethane  
 Concen: 51.438 ug/l  
 RT: 11.24 min Scan# 1585  
 Delta R.T. -0.01 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

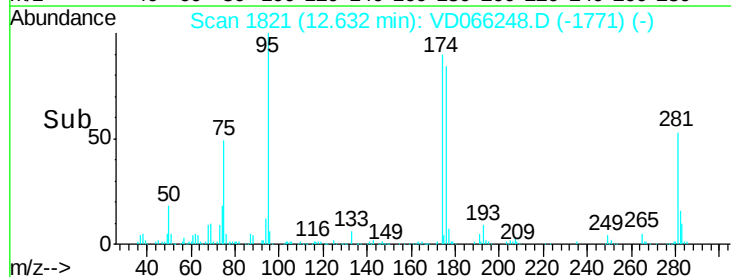
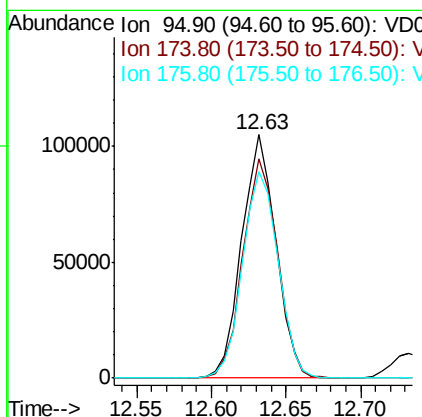
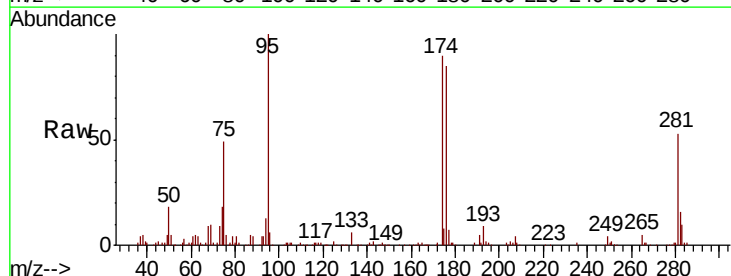
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:107 Resp: 95654  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 76.5 114.7



#62  
 4-Bromofluorobenzene  
 Concen: 51.573 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. -0.01 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Tgt Ion: 95 Resp: 166175  
 Ion Ratio Lower Upper  
 95 100  
 174 91.3 0.0 180.8  
 176 88.3 0.0 181.2

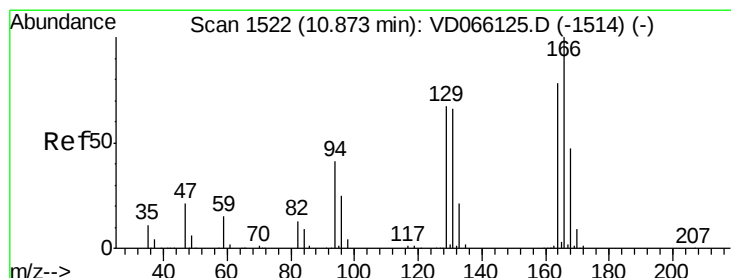
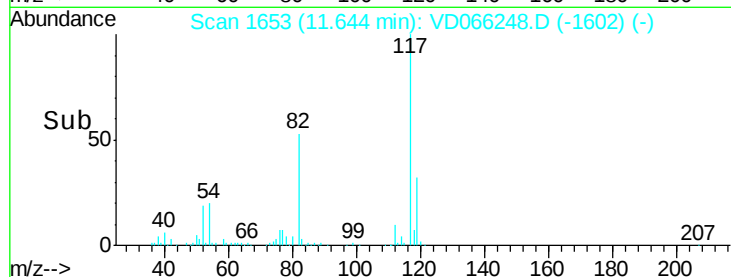
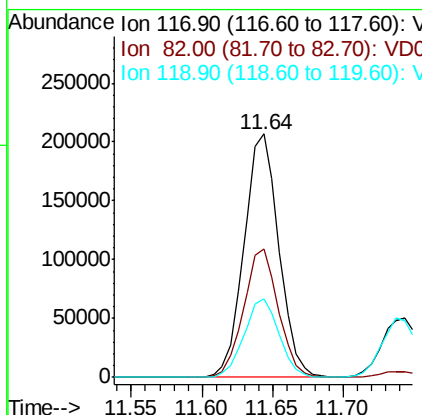
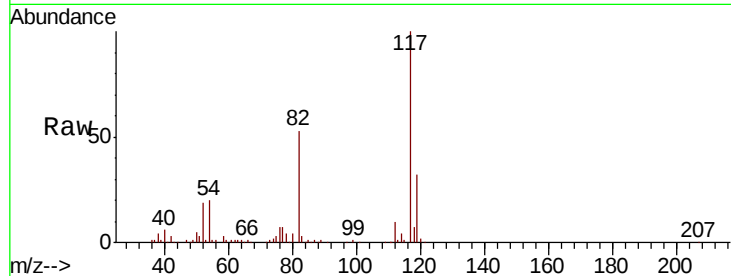




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

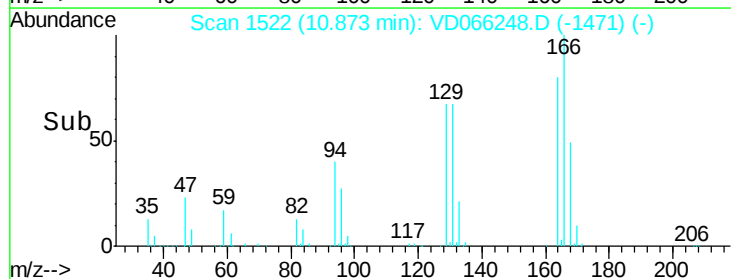
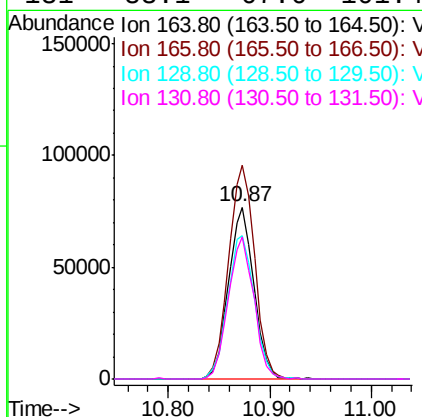
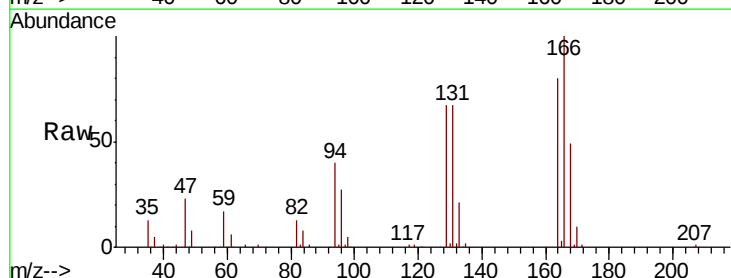
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

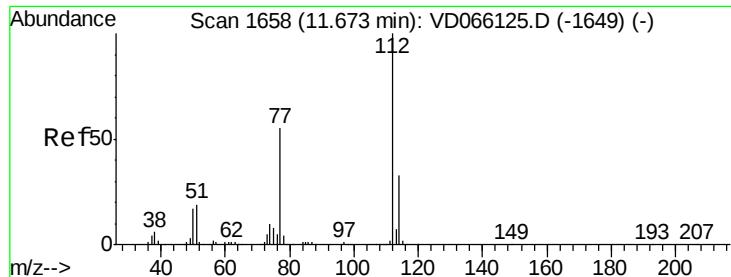
Tot Ion:117 Resp: 357124  
Ion Ratio Lower Upper  
117 100  
82 53.0 43.0 64.4  
119 32.1 26.1 39.1



#64  
Tetrachloroethene  
Concen: 48.616 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion:164 Resp: 133322  
Ion Ratio Lower Upper  
164 100  
166 124.5 101.9 152.9  
129 83.3 68.1 102.1  
131 83.1 67.6 101.4

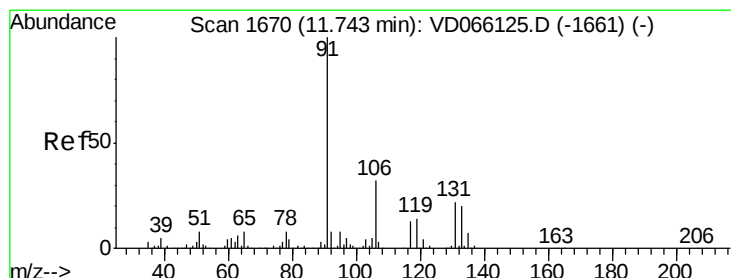
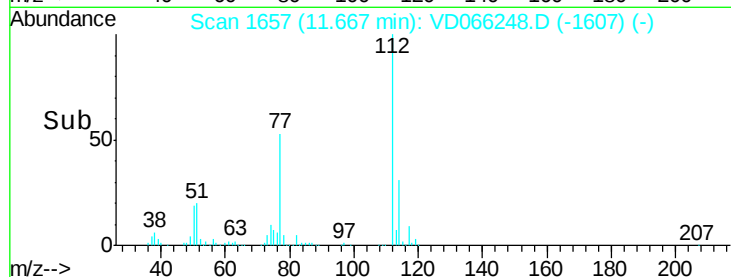
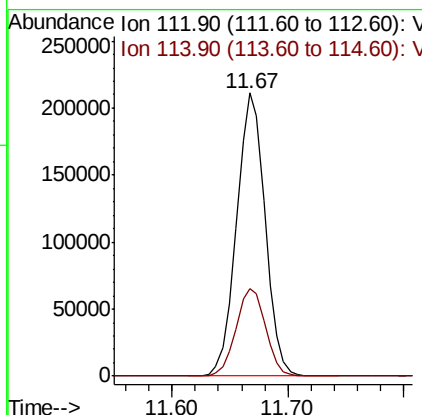
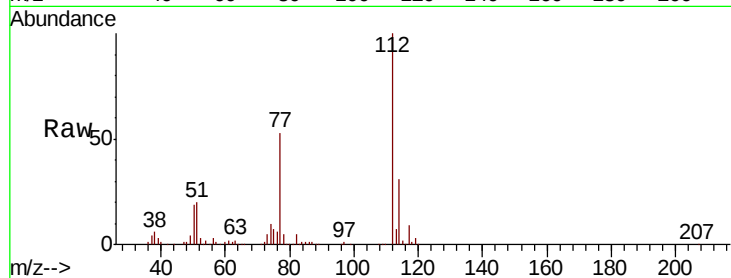




#65  
Chlorobenzene  
Concen: 49.751 ug/l  
RT: 11.67 min Scan# 1657  
Delta R.T. -0.01 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

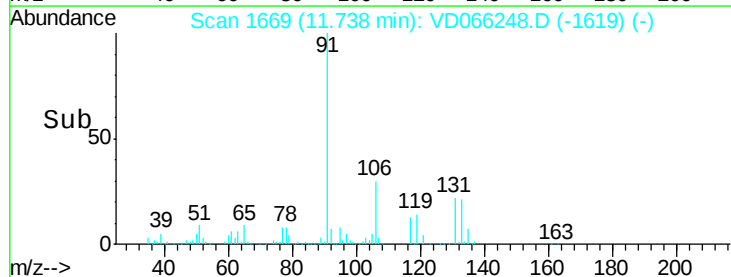
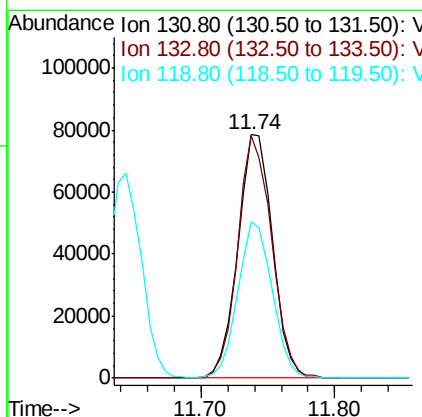
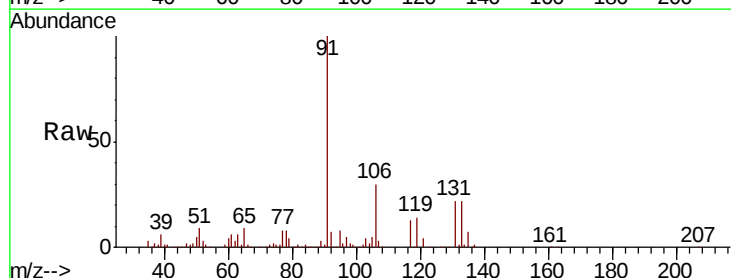
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

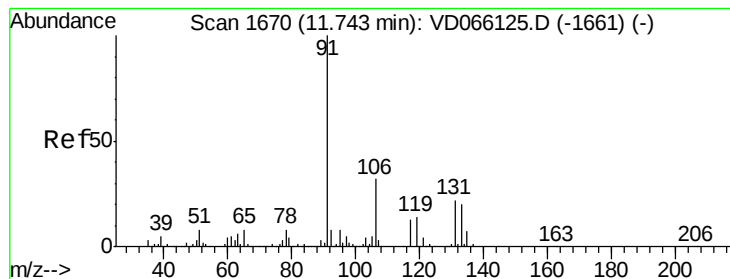
Tot Ion:112 Resp: 360680  
Ion Ratio Lower Upper  
112 100  
114 31.0 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.642 ug/l  
RT: 11.74 min Scan# 1669  
Delta R.T. -0.01 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion:131 Resp: 140814  
Ion Ratio Lower Upper  
131 100  
133 97.8 47.1 141.4  
119 63.8 31.6 94.7





#67

Ethyl Benzene

Concen: 50.444 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

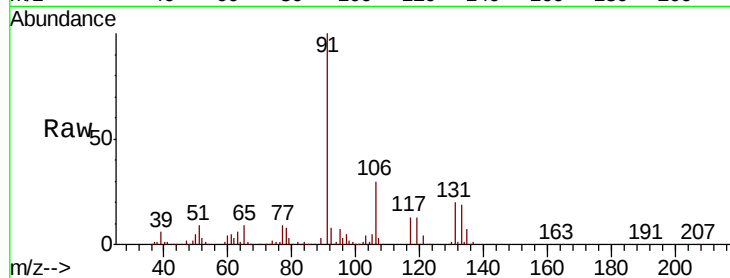
VSTDCCC050EC

Tot Ion: 91 Resp: 633728

Ion Ratio Lower Upper

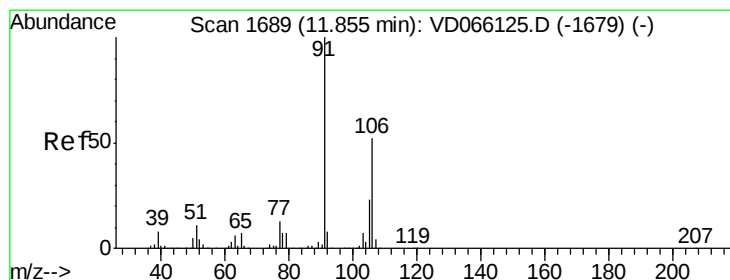
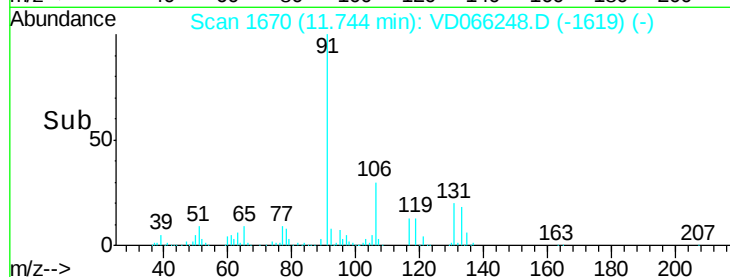
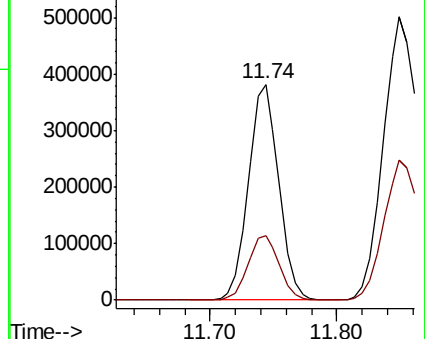
91 100

106 30.0 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 98.213 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066248.D

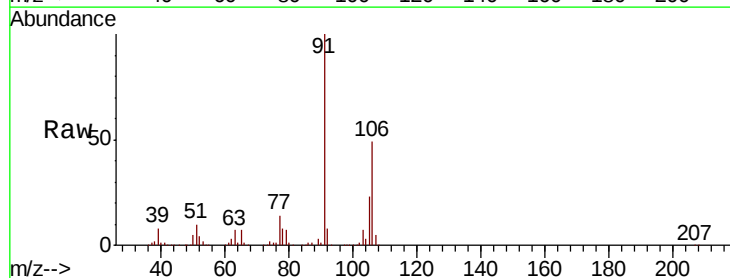
Acq: 14 Aug 2020 20:35

Tgt Ion: 106 Resp: 478047

Ion Ratio Lower Upper

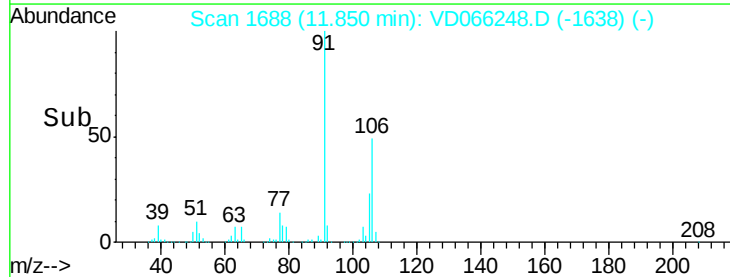
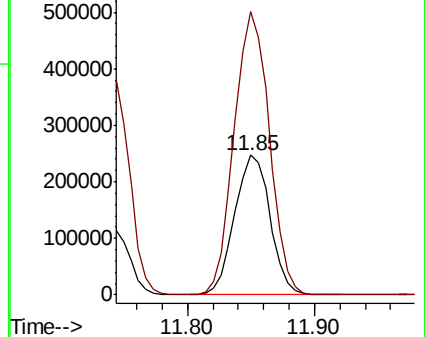
106 100

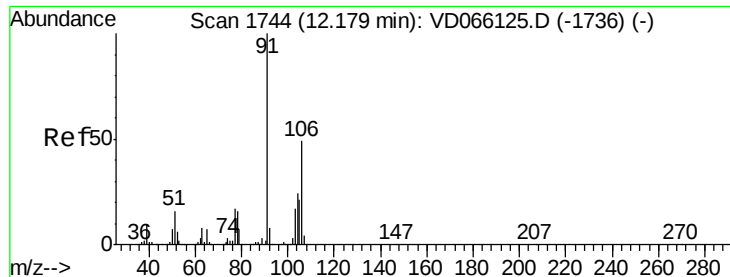
91 202.1 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

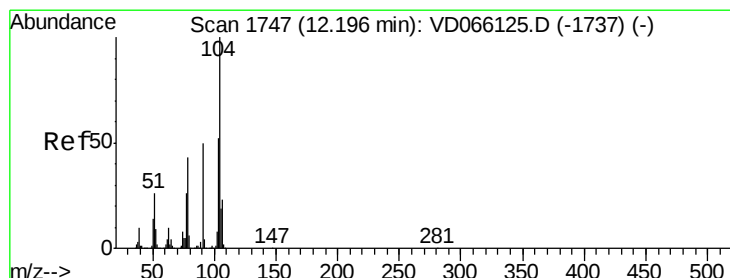
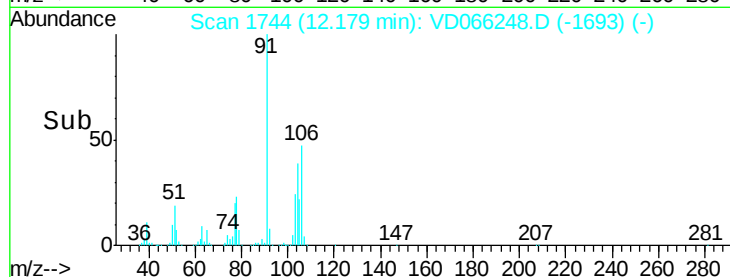
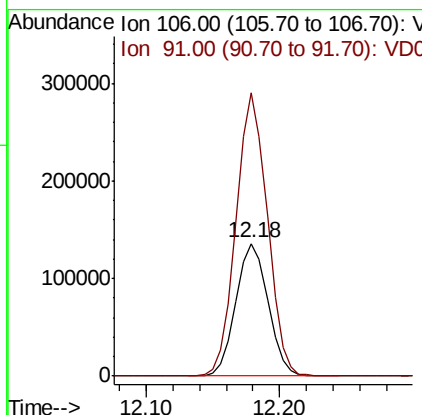
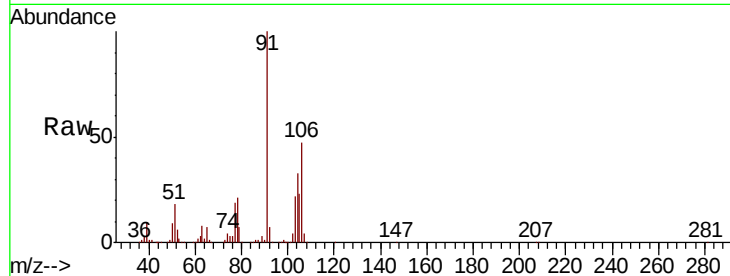




#69  
o-Xylene  
Concen: 51.188 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

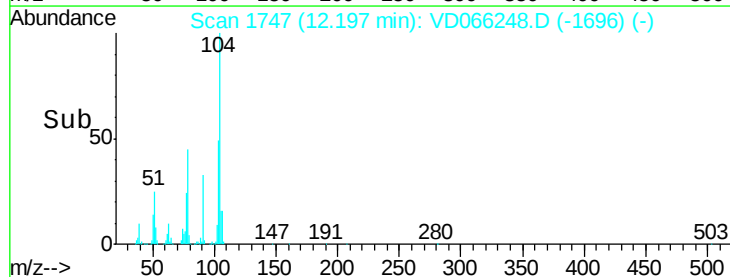
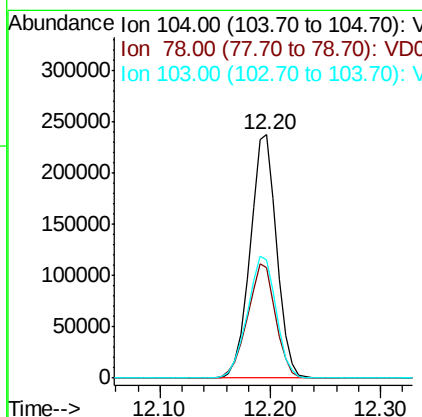
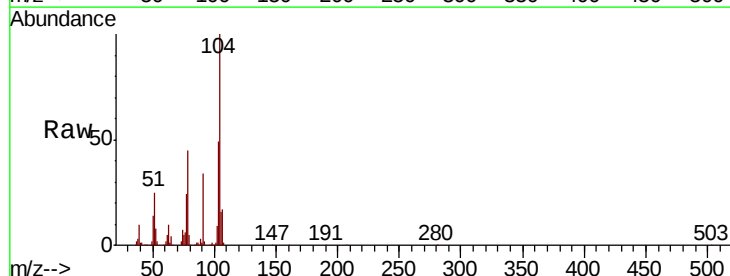
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

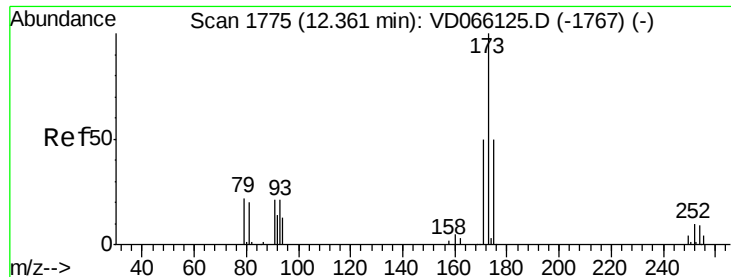
Tot Ion:106 Resp: 226650  
Ion Ratio Lower Upper  
106 100  
91 208.3 105.7 317.1



#70  
Styrene  
Concen: 51.614 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion:104 Resp: 400520  
Ion Ratio Lower Upper  
104 100  
78 49.9 38.6 58.0  
103 54.4 44.1 66.1





#71

Bromoform

Concen: 51.823 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

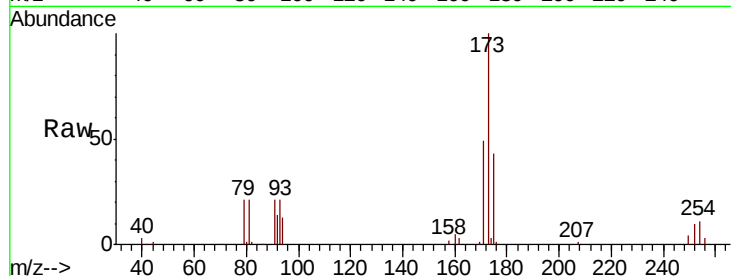
Tot Ion:173 Resp: 87095

Ion Ratio Lower Upper

173 100

175 47.2 24.6 73.6

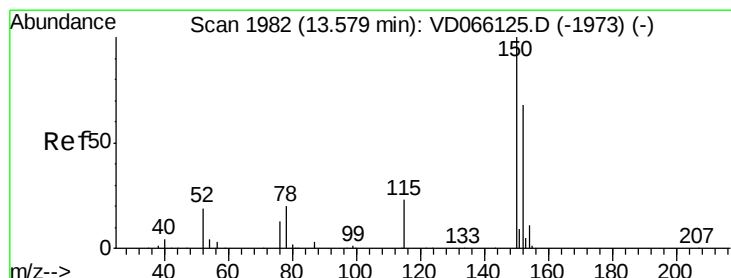
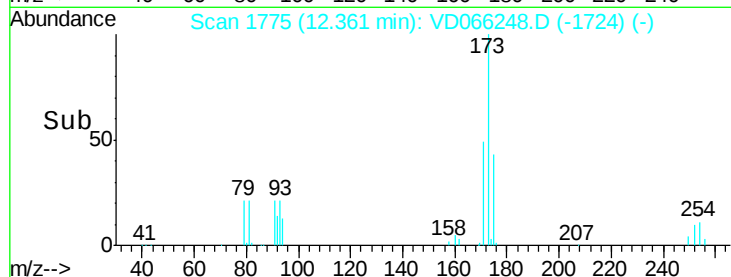
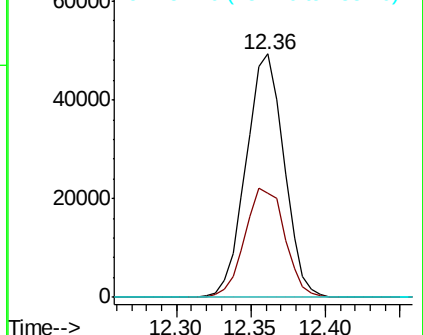
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

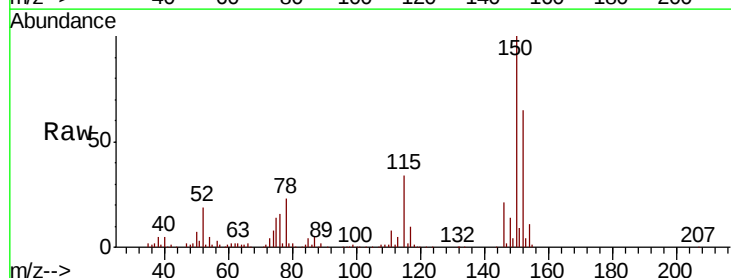
Tgt Ion:152 Resp: 192962

Ion Ratio Lower Upper

152 100

115 55.8 28.0 83.9

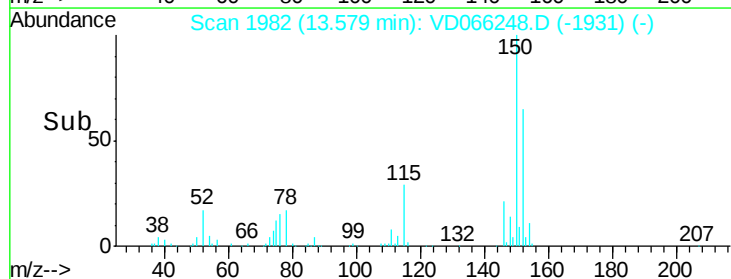
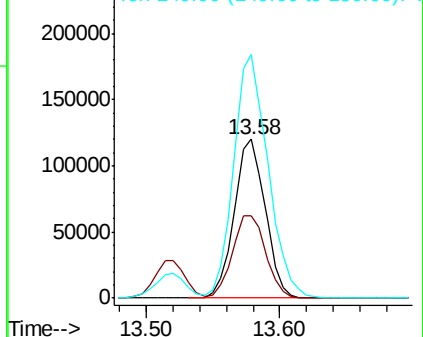
150 170.1 0.0 346.4

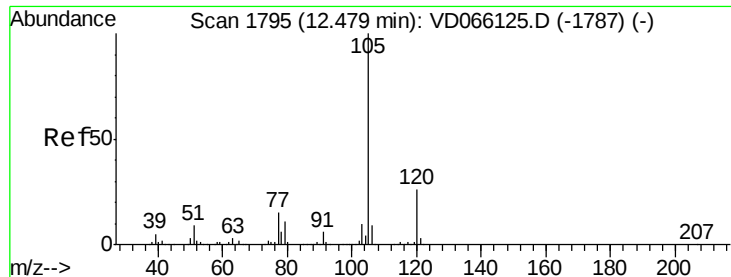


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.779 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

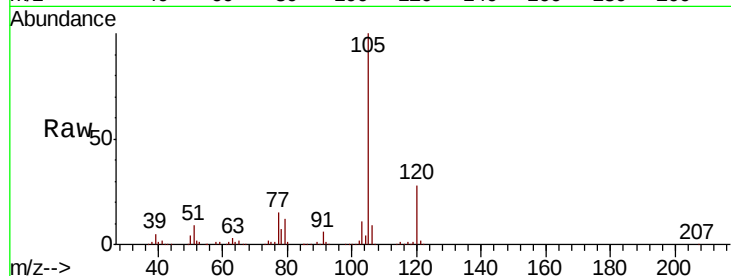
VSTDCCC050EC

Tot Ion:105 Resp: 628312

Ion Ratio Lower Upper

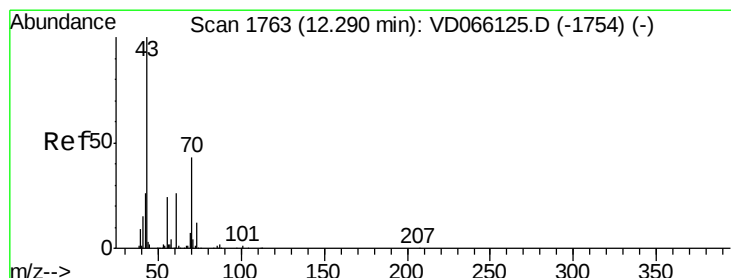
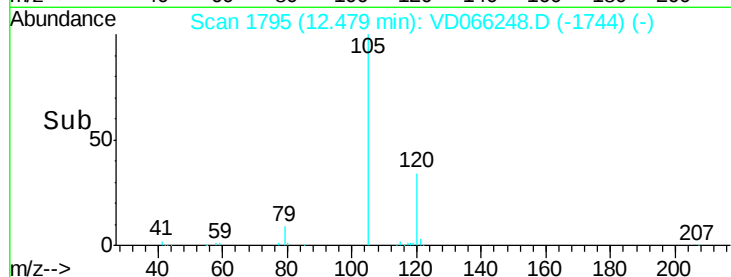
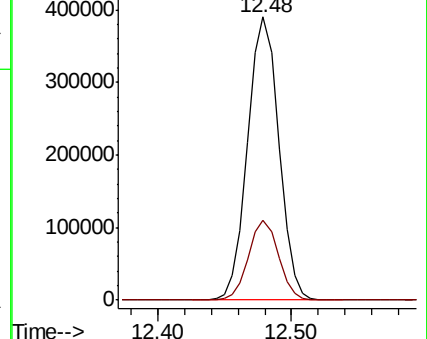
105 100

120 27.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.753 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Tgt Ion: 43 Resp: 135446

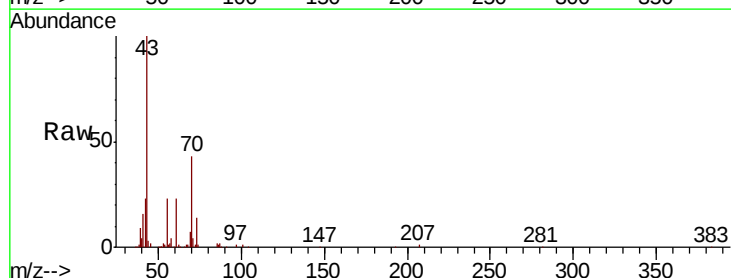
Ion Ratio Lower Upper

43 100

70 43.0 34.9 52.3

55 25.6 19.2 28.8

61 24.1 19.7 29.5

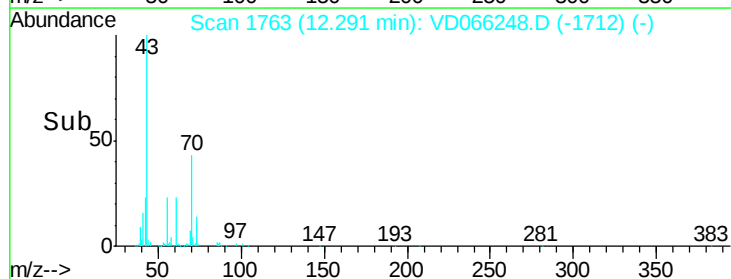
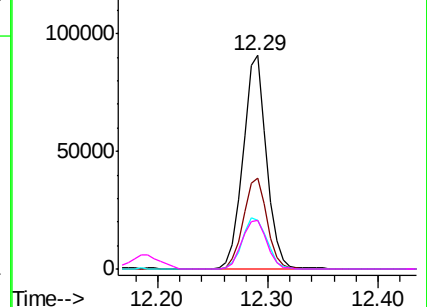


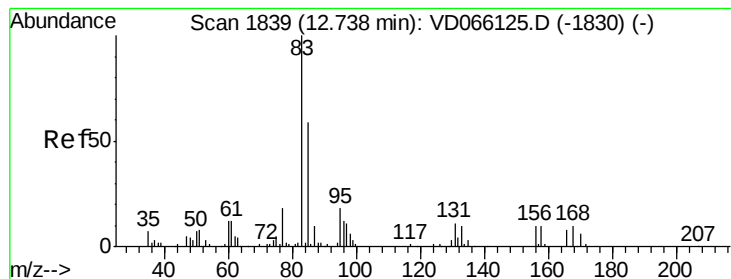
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.642 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

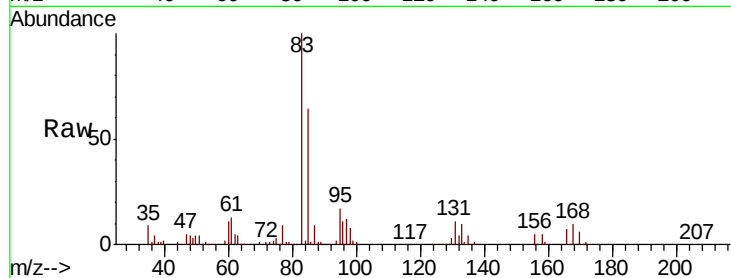
Tot Ion: 83 Resp: 106835

Ion Ratio Lower Upper

83 100

131 12.8 6.2 18.6

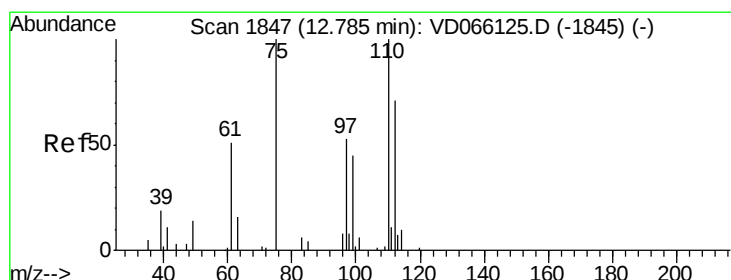
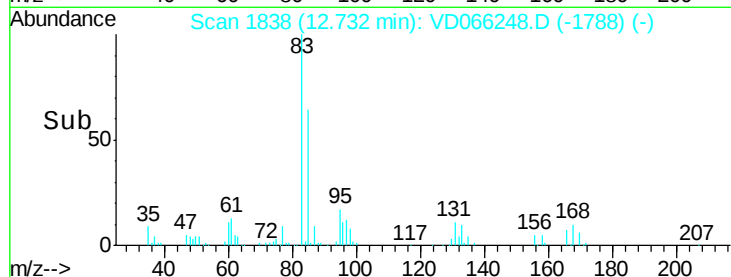
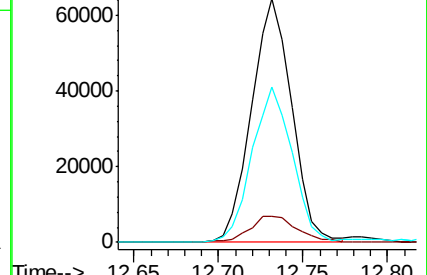
85 63.9 32.4 97.2



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: 87.277 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066248.D

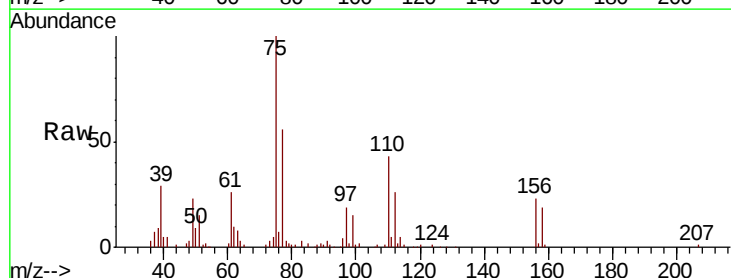
Acq: 14 Aug 2020 20:35

Tgt Ion: 75 Resp: 140444

Ion Ratio Lower Upper

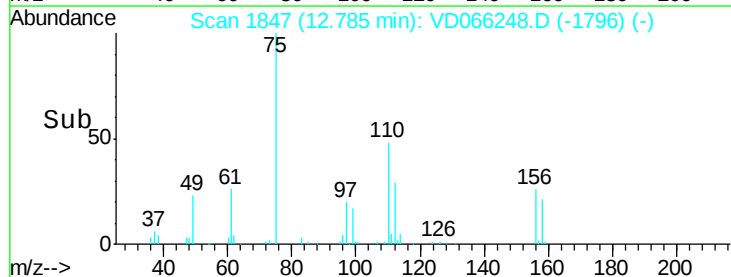
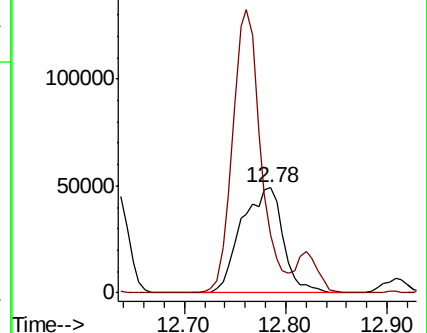
75 100

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: 48.020 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

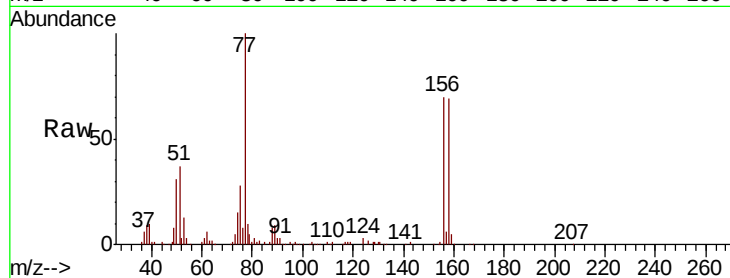
Tot Ion:156 Resp: 159221

Ion Ratio Lower Upper

156 100

77 160.4 81.0 243.1

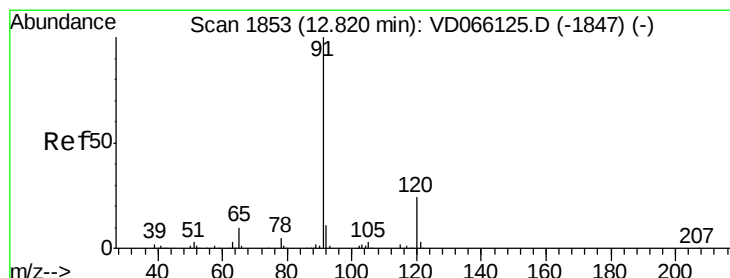
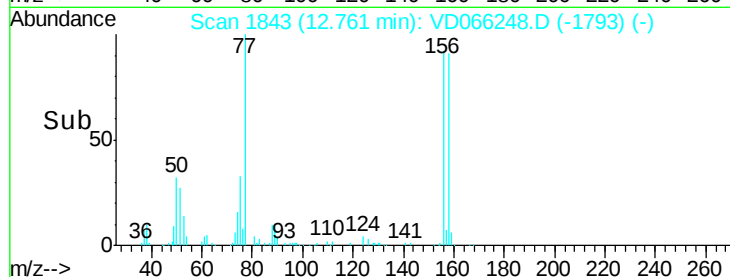
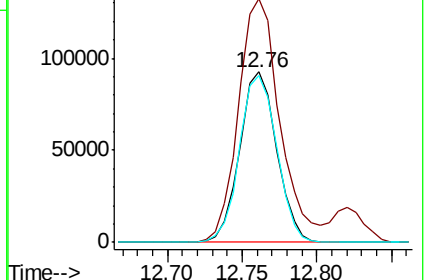
158 98.7 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.301 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066248.D

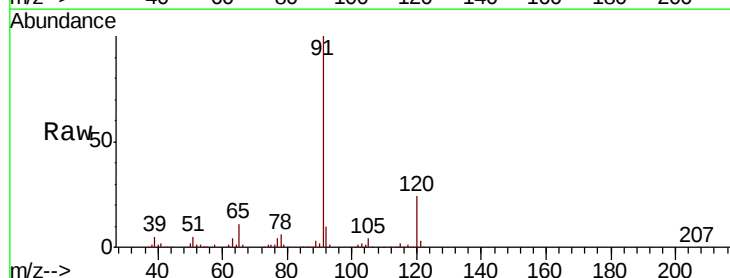
Acq: 14 Aug 2020 20:35

Tgt Ion: 91 Resp: 723201

Ion Ratio Lower Upper

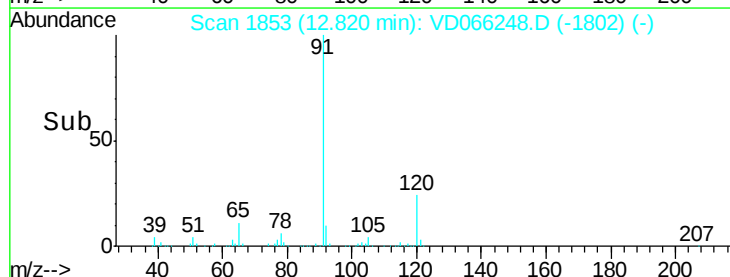
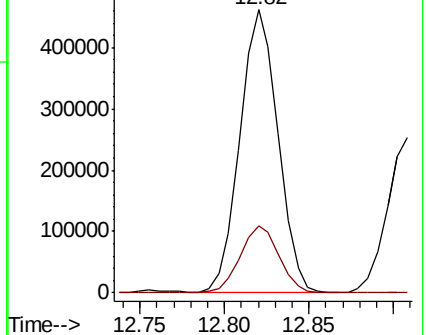
91 100

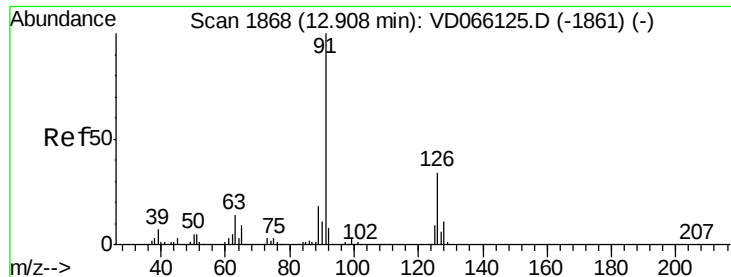
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

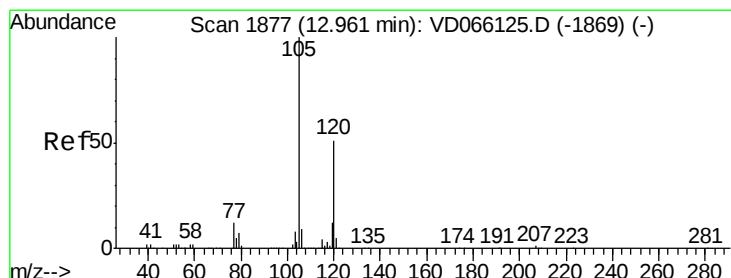
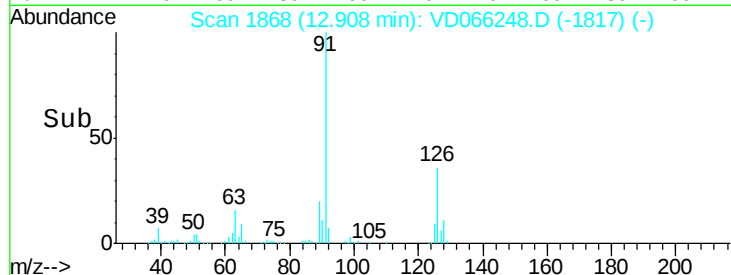
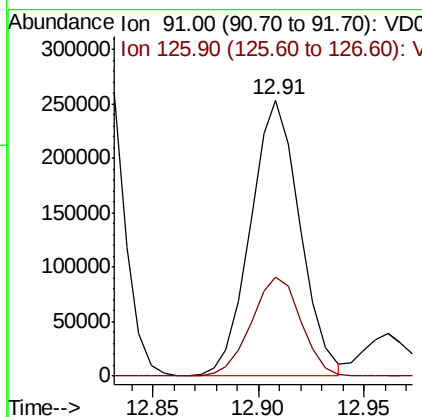
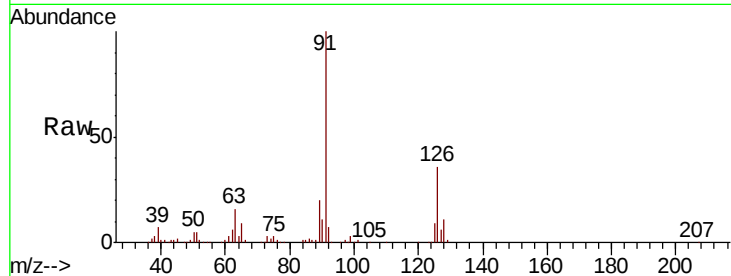




#79  
 2-Chlorotoluene  
 Concen: 48.127 ug/l  
 RT: 12.91 min Scan# 1868  
 Delta R.T. 0.00 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

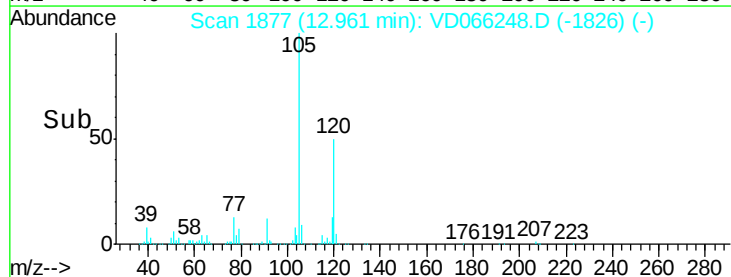
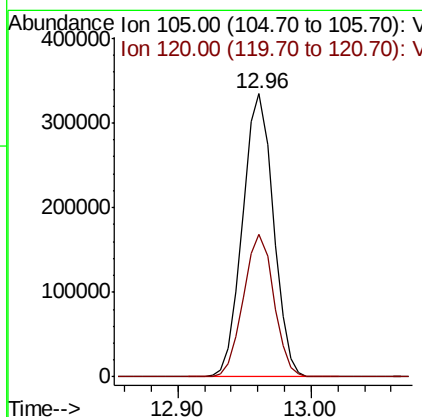
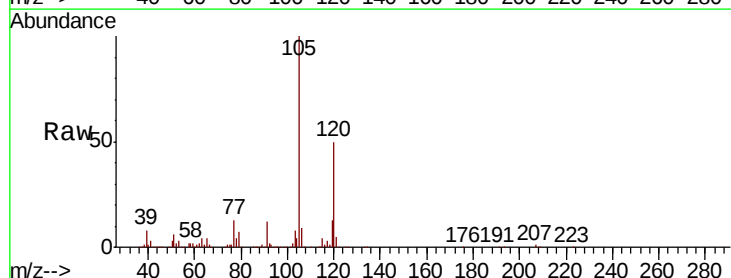
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

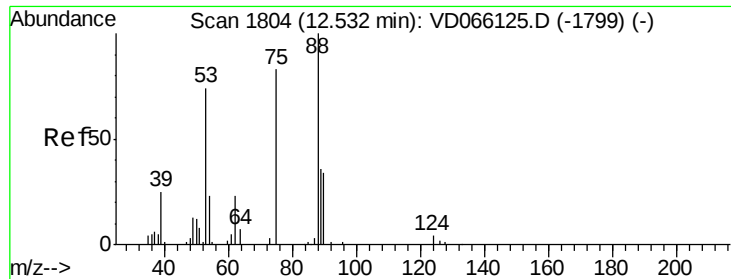
Tot Ion: 91 Resp: 412135  
 Ion Ratio Lower Upper  
 91 100  
 126 36.2 17.5 52.6



#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.412 ug/l  
 RT: 12.96 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Tgt Ion:105 Resp: 532282  
 Ion Ratio Lower Upper  
 105 100  
 120 49.9 25.3 75.8

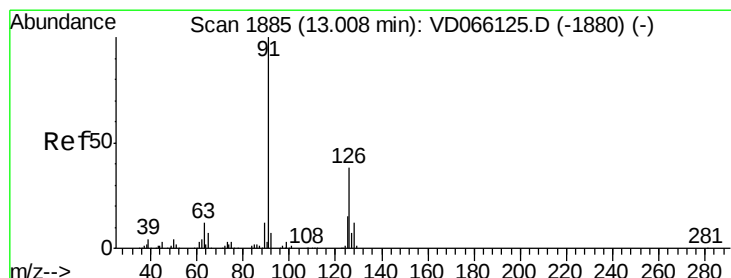
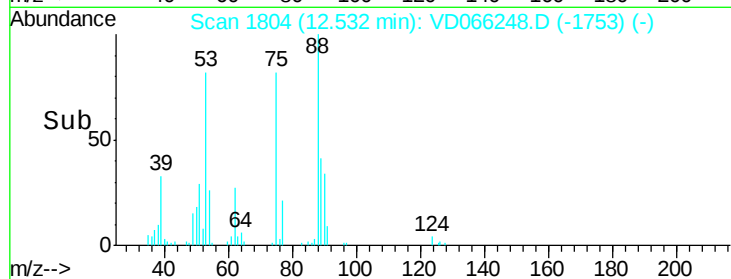
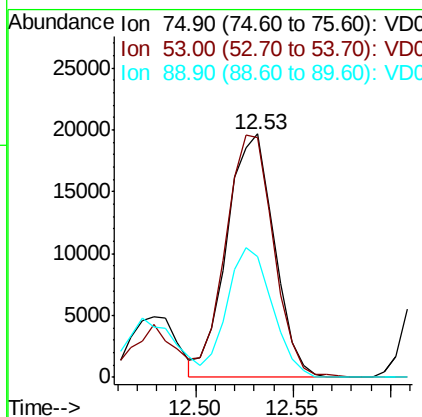
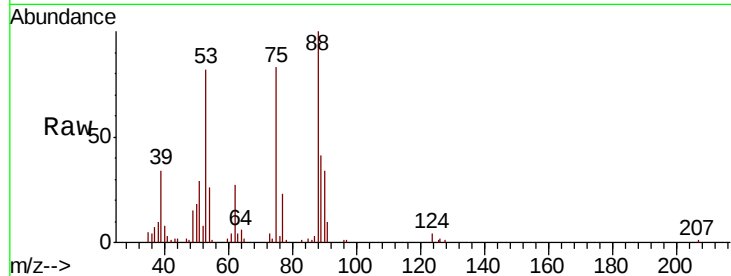




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.569 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

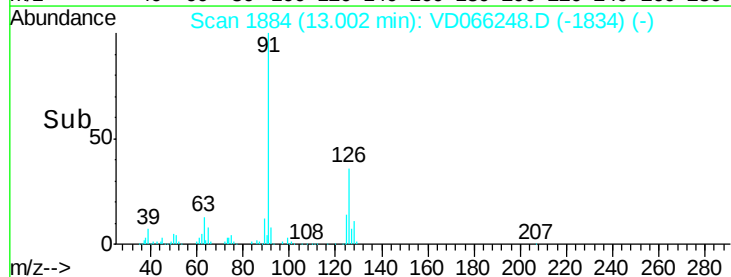
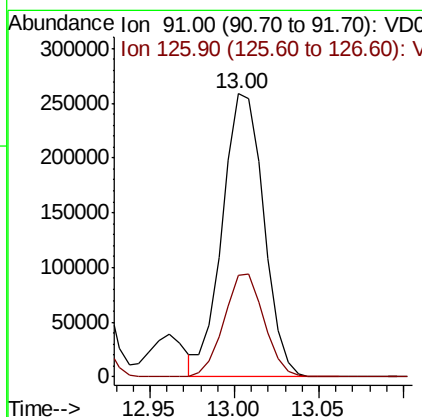
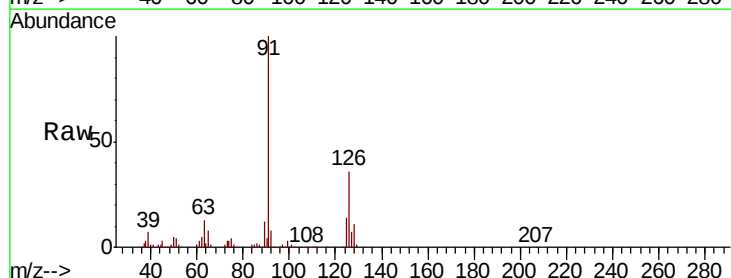
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

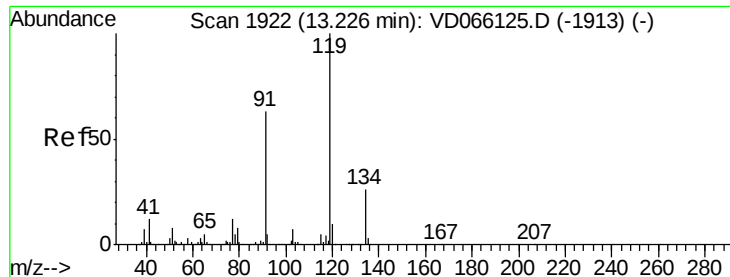
Tot Ion: 75 Resp: 33172  
Ion Ratio Lower Upper  
75 100  
53 100.5 73.4 110.2  
89 50.8 36.6 55.0



#82  
4-Chlorotoluene  
Concen: 48.895 ug/l  
RT: 13.00 min Scan# 1884  
Delta R.T. -0.01 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion: 91 Resp: 442007  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.8 53.3





#83

tert-Butylbenzene

Concen: 49.148 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

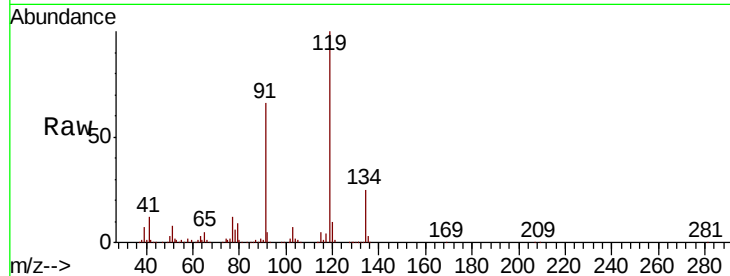
Tot Ion:119 Resp: 465609

Ion Ratio Lower Upper

119 100

91 63.1 30.8 92.4

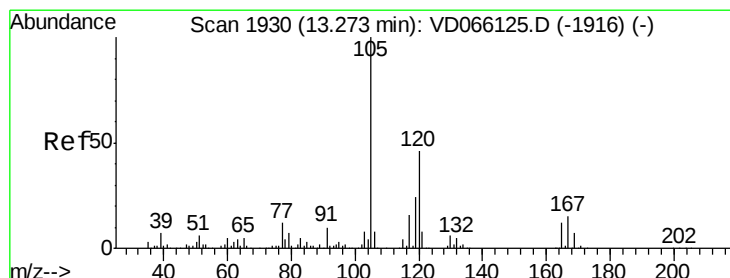
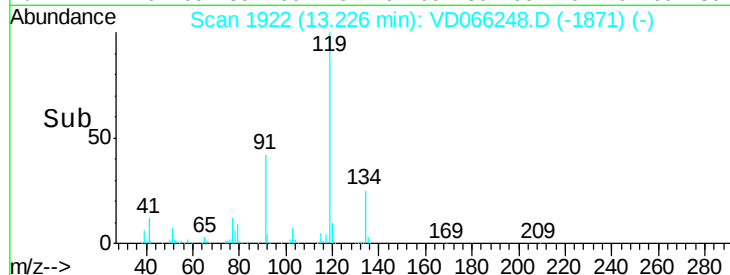
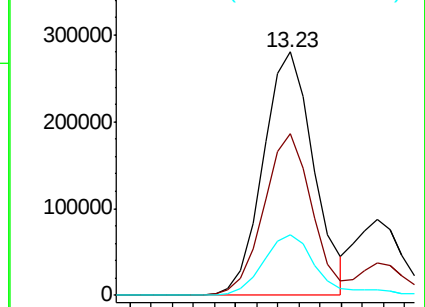
134 27.1 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.774 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066248.D

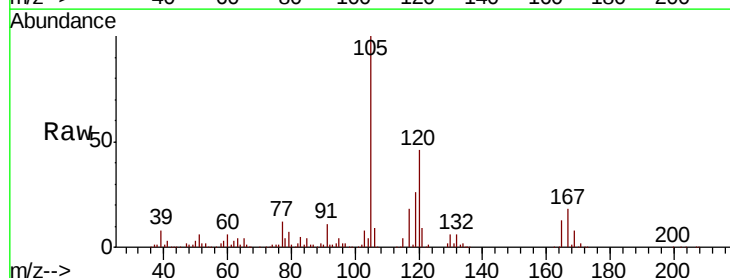
Acq: 14 Aug 2020 20:35

Tgt Ion:105 Resp: 525803

Ion Ratio Lower Upper

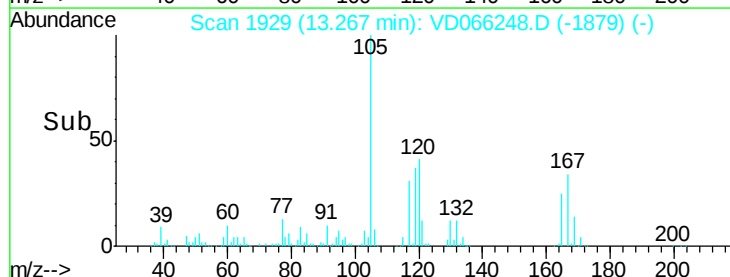
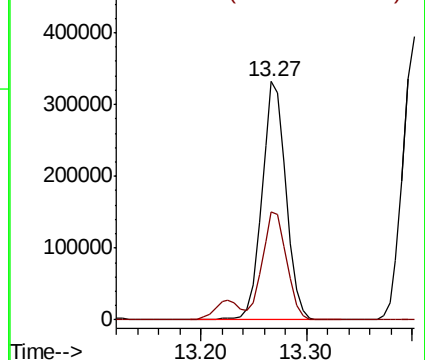
105 100

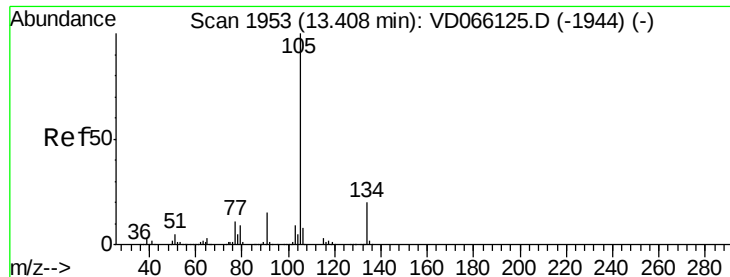
120 45.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.946 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

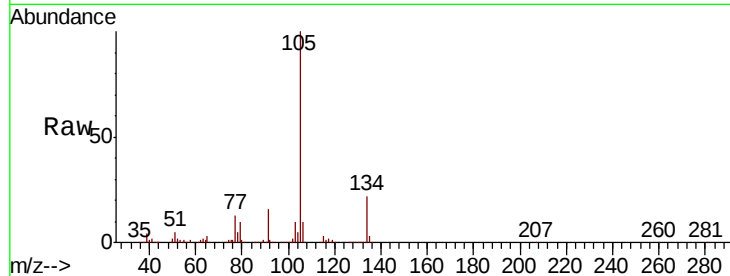
VSTDCCC050EC

Tot Ion:105 Resp: 626043

Ion Ratio Lower Upper

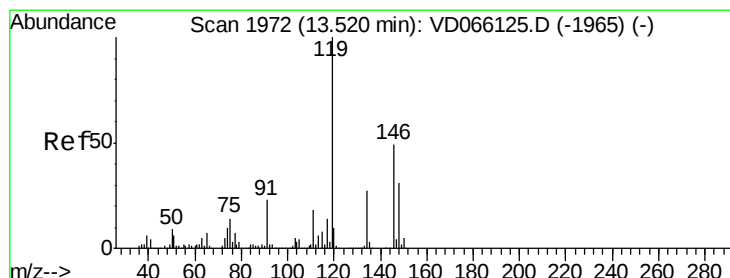
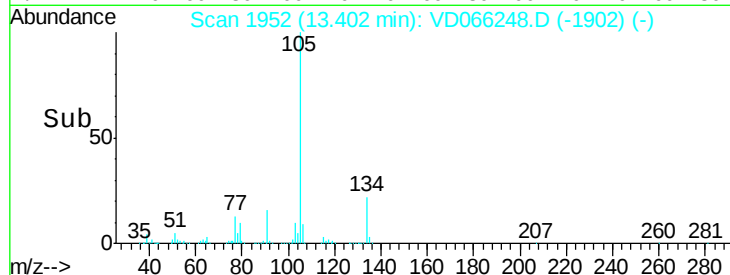
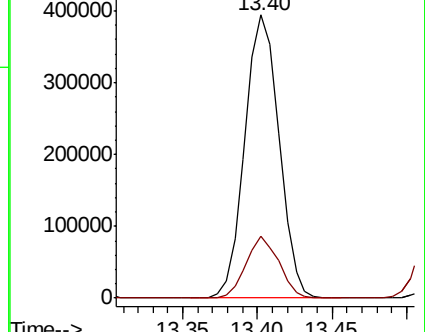
105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.110 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

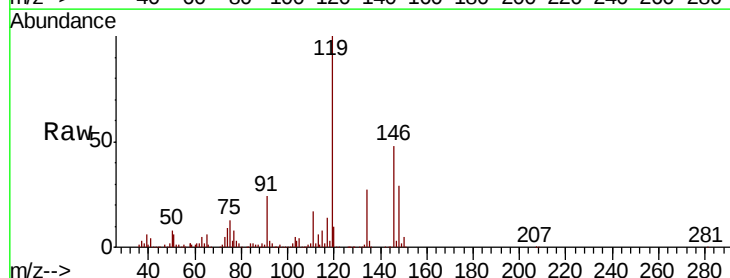
Tgt Ion:119 Resp: 577142

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

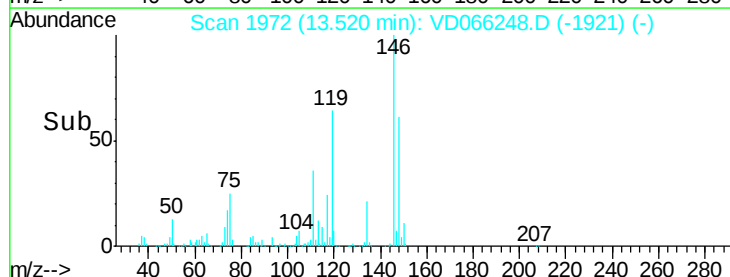
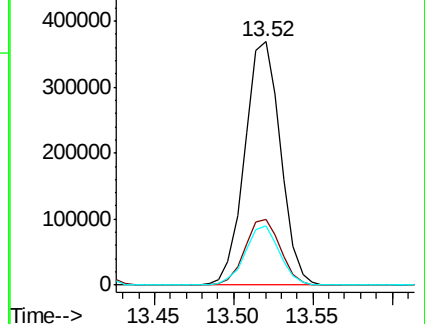
91 23.7 11.2 33.5

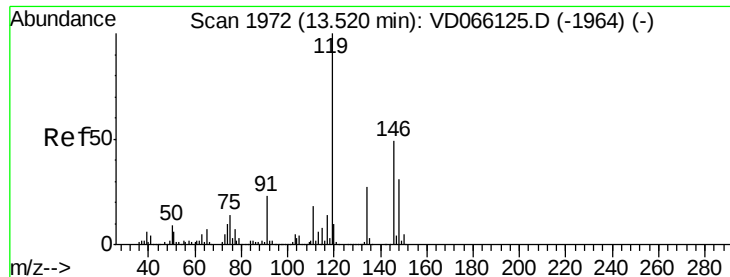


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

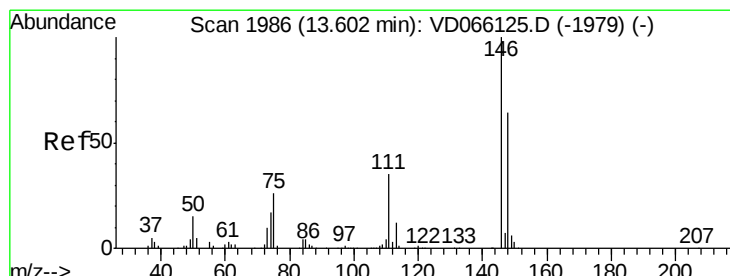
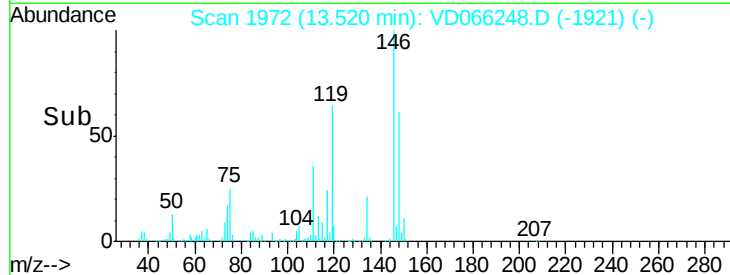
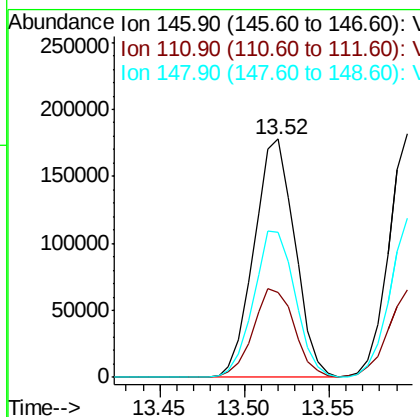
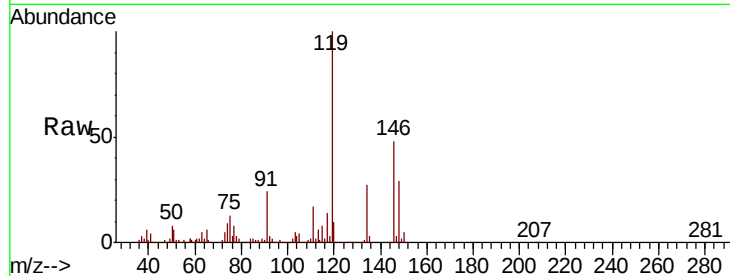




#87  
 1,3-Dichlorobenzene  
 Concen: 48.034 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

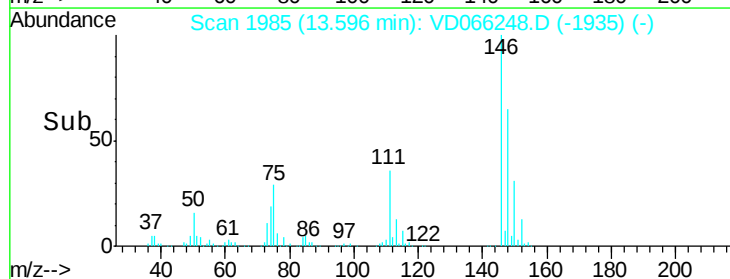
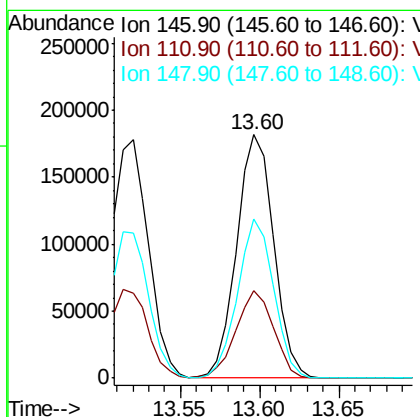
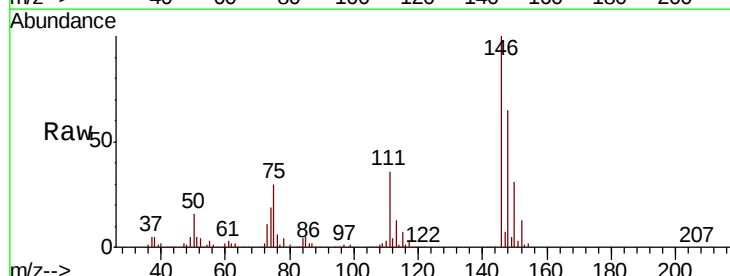
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

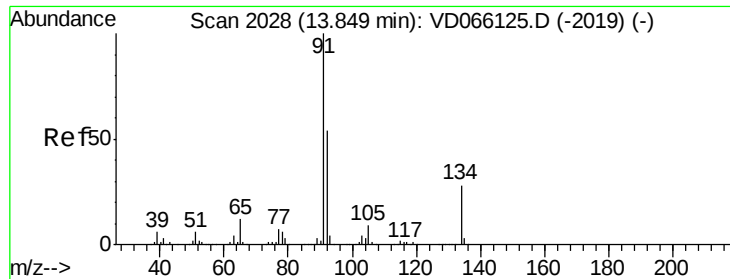
Tot Ion:146 Resp: 299336  
 Ion Ratio Lower Upper  
 146 100  
 111 37.4 18.9 56.9  
 148 62.4 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 47.482 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. -0.01 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Tgt Ion:146 Resp: 295094  
 Ion Ratio Lower Upper  
 146 100  
 111 36.6 18.6 55.8  
 148 63.8 32.4 97.0

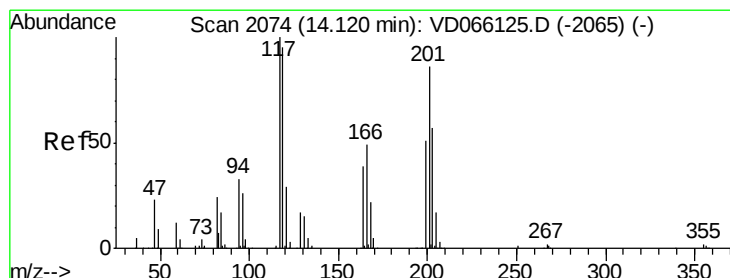
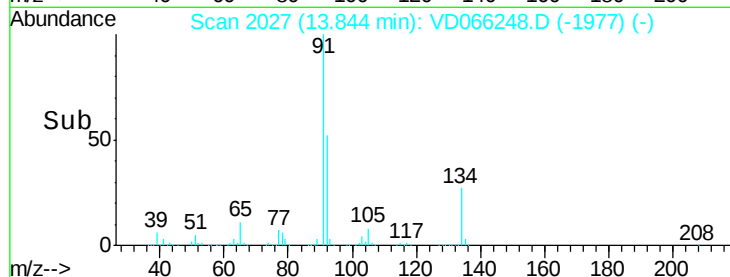
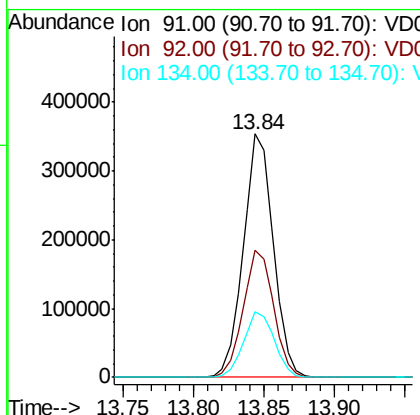
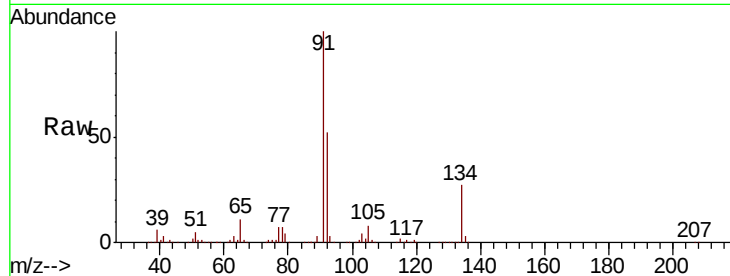




#89  
n-Butylbenzene  
Concen: 48.926 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

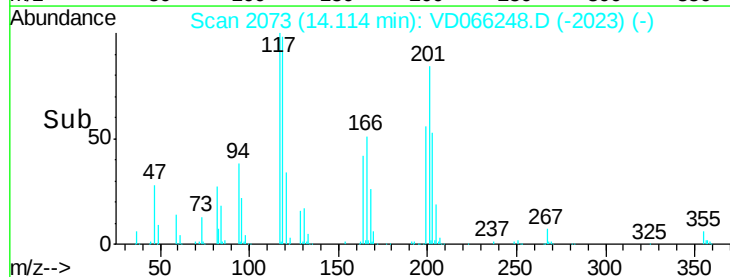
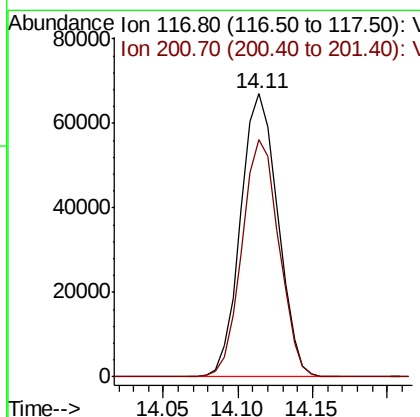
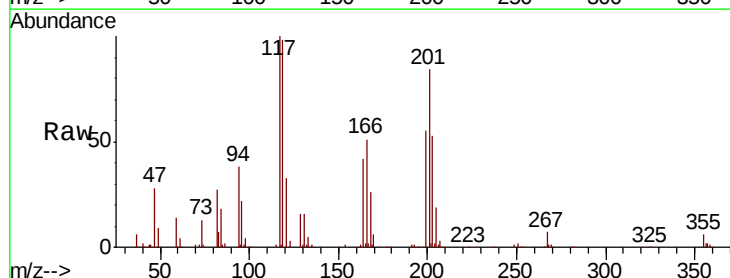
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

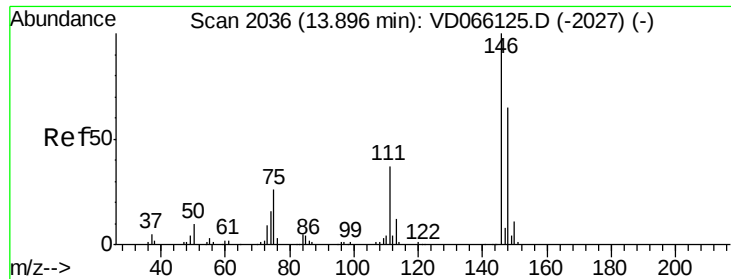
Tot Ion: 91 Resp: 525867  
Ion Ratio Lower Upper  
91 100  
92 53.2 26.8 80.3  
134 27.8 14.0 41.9



#90  
Hexachloroethane  
Concen: 48.584 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.01 min  
Lab File: VD066248.D  
Acq: 14 Aug 2020 20:35

Tgt Ion: 117 Resp: 116239  
Ion Ratio Lower Upper  
117 100  
201 83.1 42.7 128.1





#91

1,2-Dichlorobenzene

Concen: 47.736 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

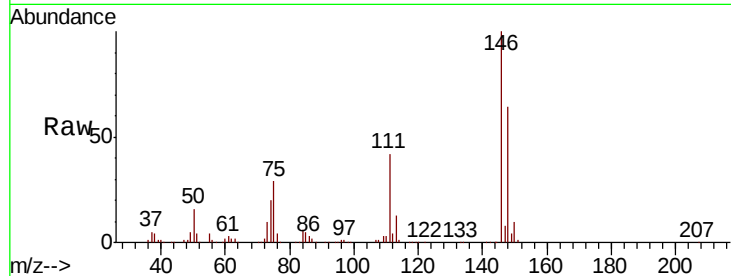
Tot Ion:146 Resp: 263087

Ion Ratio Lower Upper

146 100

111 40.9 18.8 56.3

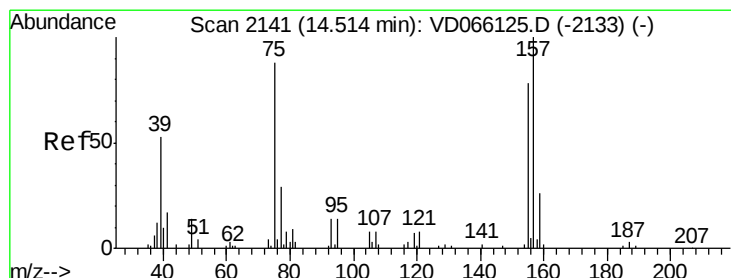
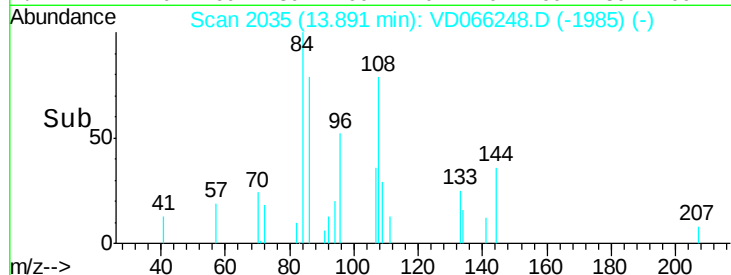
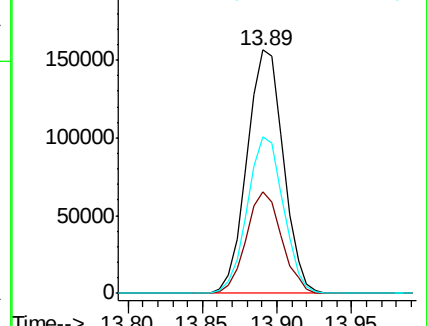
148 64.1 31.9 95.5



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: 46.952 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

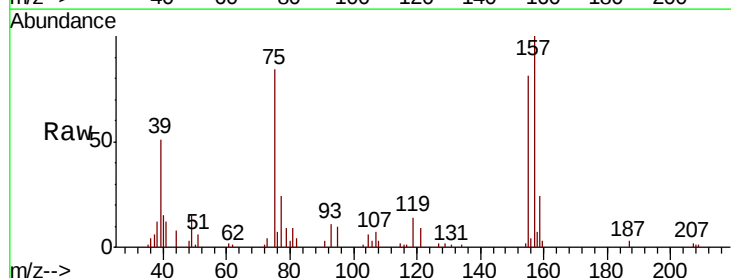
Tgt Ion: 75 Resp: 17724

Ion Ratio Lower Upper

75 100

155 101.3 47.7 143.1

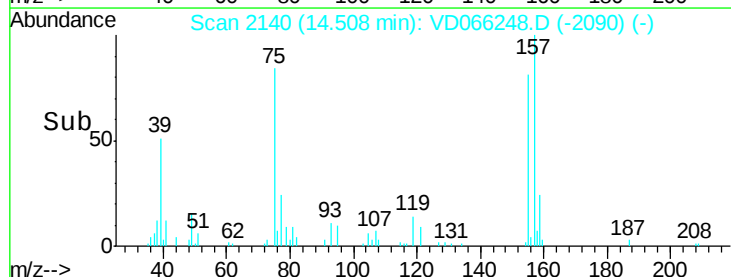
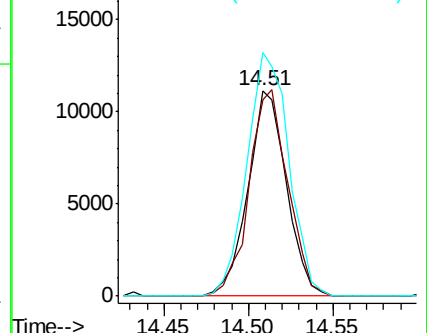
157 129.2 62.1 186.2

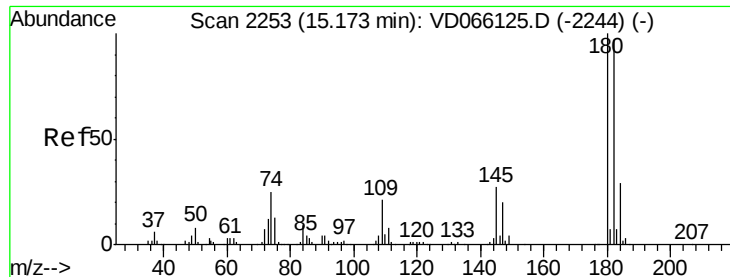


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

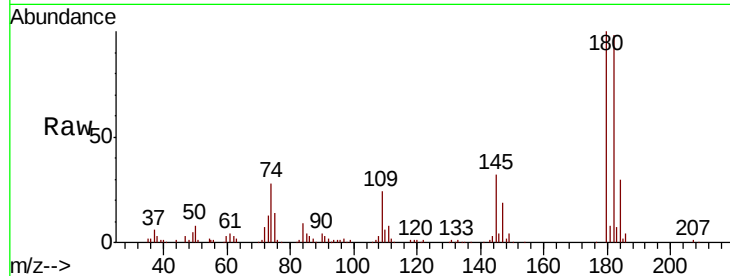




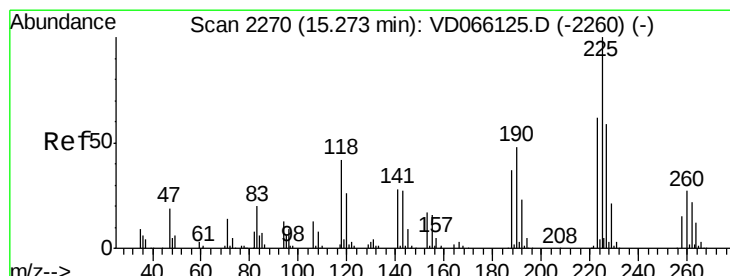
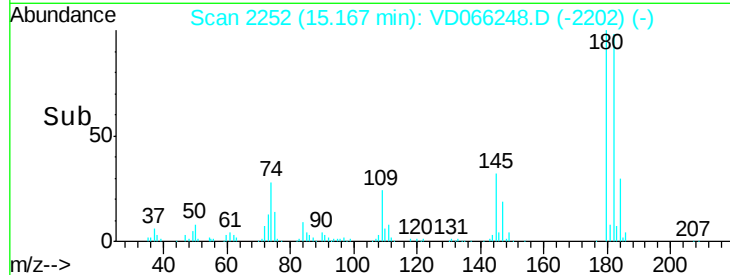
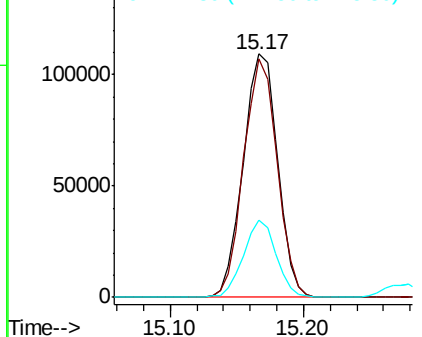
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.919 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.01 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 47.4  | 142.2 |
| 145     | 30.1  | 14.5  | 43.6  |

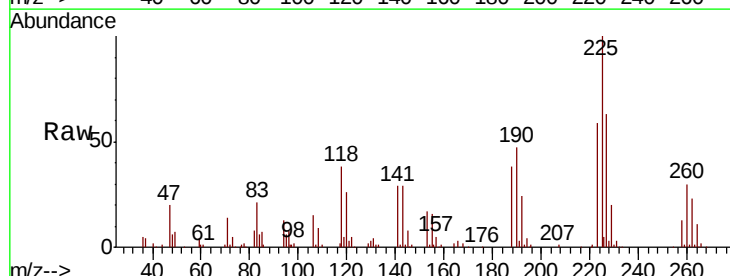


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

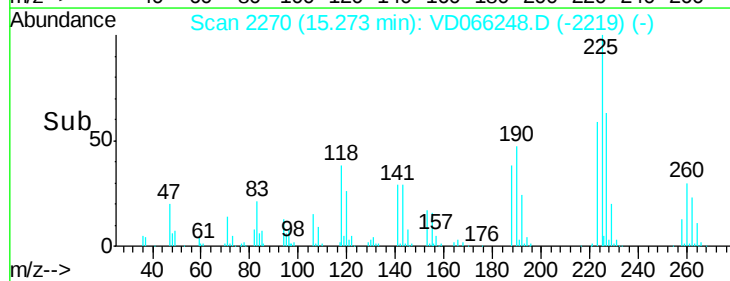
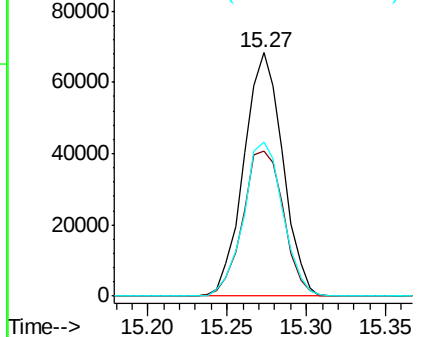


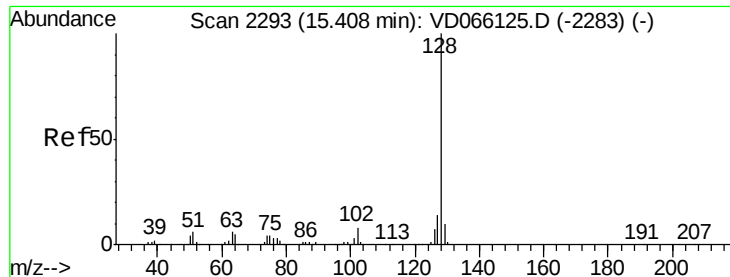
#94  
 Hexachlorobutadiene  
 Concen: 48.703 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD066248.D  
 Acq: 14 Aug 2020 20:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.5  | 32.3  | 96.9  |
| 227     | 63.9  | 32.1  | 96.5  |



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





#95

Naphthalene

Concen: 50.465 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

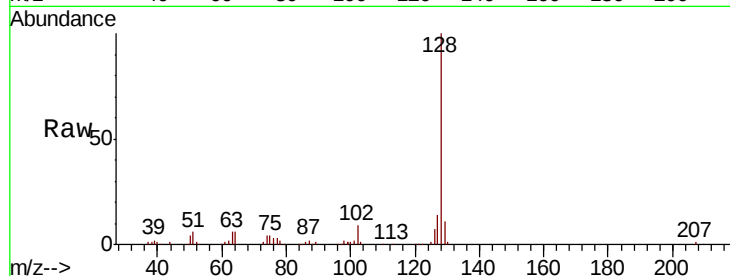
Tot Ion:128 Resp: 333969

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

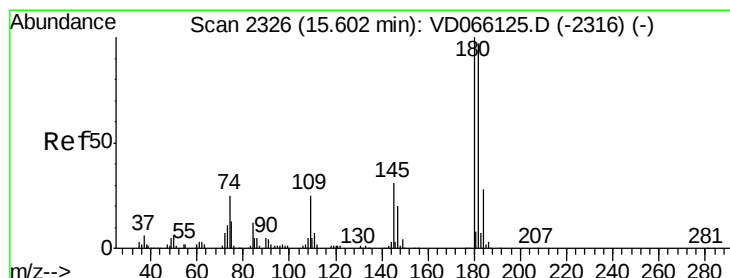
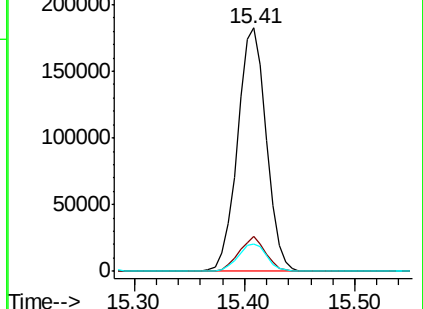
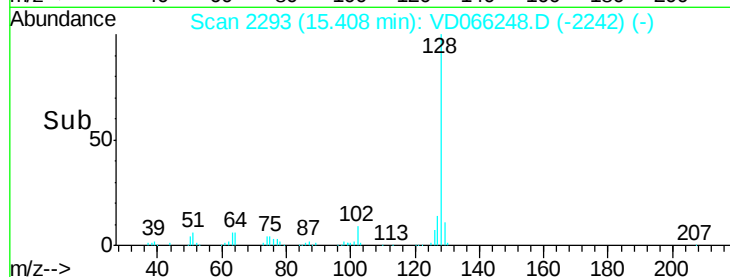
129 11.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.458 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

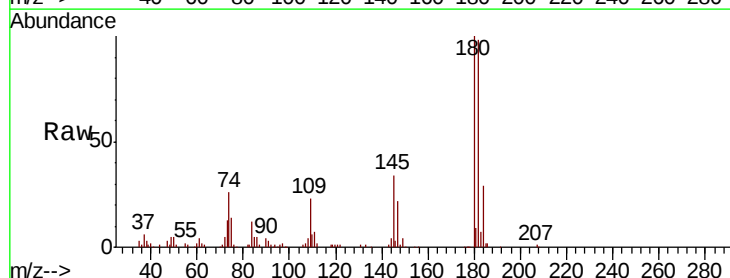
Tgt Ion:180 Resp: 173740

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.4

145 32.6 14.9 44.9



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

