

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051520\  
 Data File : VD065749.D  
 Acq On : 15 May 2020 13:41  
 Operator : VA/SY  
 Sample : VD0515SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBS01

Quant Time: May 15 19:28:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D051320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 13 14:28:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 313547   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 478106   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 433051   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 209986   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 135344   | 53.56  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 107.12% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 139803   | 51.61  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 103.22% |          |
| 50) Toluene-d8              | 10.34 | 98   | 517081   | 50.14  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 100.28% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 177673   | 50.88  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 101.76% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 37403    | 18.182  | ug/l  | 100    |
| 3) Chloromethane              | 2.21 | 50   | 59478    | 20.174  | ug/l  | 95     |
| 4) Vinyl Chloride             | 2.35 | 62   | 64513    | 20.208  | ug/l  | 98     |
| 5) Bromomethane               | 2.76 | 94   | 47491    | 22.515  | ug/l  | 98     |
| 6) Chloroethane               | 2.92 | 64   | 46044    | 22.236  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 3.27 | 101  | 88901    | 20.143  | ug/l  | 94     |
| 8) Diethyl Ether              | 3.71 | 74   | 27414    | 21.618  | ug/l  | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101  | 55114    | 20.316  | ug/l  | 99     |
| 10) Methyl Iodide             | 4.30 | 142  | 56977    | 20.106  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 5.22 | 59   | 22237    | 68.045  | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 4.07 | 96   | 53302    | 20.716  | ug/l  | 95     |
| 13) Acrolein                  | 3.92 | 56   | 17903    | 118.699 | ug/l  | 97     |
| 14) Allyl chloride            | 4.71 | 41   | 93236    | 20.958  | ug/l  | 100    |
| 15) Acrylonitrile             | 5.42 | 53   | 62564    | 111.678 | ug/l  | 98     |
| 16) Acetone                   | 4.16 | 43   | 51151    | 98.694  | ug/l  | 95     |
| 17) Carbon Disulfide          | 4.40 | 76   | 165910   | 20.416  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.71 | 43   | 29463    | 22.776  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73   | 132854   | 22.132  | ug/l  | 97     |
| 20) Methylene Chloride        | 4.97 | 84   | 65748    | 22.486  | ug/l  | 94     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96   | 63627    | 21.478  | ug/l  | 98     |
| 22) Diisopropyl ether         | 6.36 | 45   | 186468   | 22.016  | ug/l  | 95     |
| 23) Vinyl Acetate             | 6.30 | 43   | 541171   | 108.633 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 6.27 | 63   | 105947   | 21.364  | ug/l  | 98     |
| 25) 2-Butanone                | 7.21 | 43   | 77835    | 105.060 | ug/l  | 95     |
| 26) 2,2-Dichloropropane       | 7.21 | 77   | 98687    | 21.441  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 71872    | 22.139  | ug/l  | 97     |
| 28) Bromochloromethane        | 7.55 | 49   | 41258    | 20.236  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.56 | 42   | 51256    | 109.119 | ug/l  | 100    |
| 30) Chloroform                | 7.71 | 83   | 109544   | 21.858  | ug/l  | 94     |
| 31) Cyclohexane               | 7.98 | 56   | 100722   | 20.065  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97   | 102146   | 21.757  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 8.11 | 75   | 85716    | 20.644  | ug/l  | 99     |
| 37) Ethyl Acetate             | 7.30 | 43   | 37956    | 21.338  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 8.10 | 117  | 92532    | 21.012  | ug/l  | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051520\  
 Data File : VD065749.D  
 Acq On : 15 May 2020 13:41  
 Operator : VA/SY  
 Sample : VD0515SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0515SBS01

Quant Time: May 15 19:28:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D051320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 13 14:28:42 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 104705   | 19.677  | ug/l  | 98       |
| 40) Benzene                    | 8.35  | 78   | 242614   | 21.249  | ug/l  | 98       |
| 41) Methacrylonitrile          | 7.53  | 41   | 20368    | 20.791  | ug/l  | 91       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 71443    | 22.473  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 8.45  | 43   | 73798    | 20.932  | ug/l  | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 73327    | 21.453  | ug/l  | 97       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 62155    | 22.080  | ug/l  | 100      |
| 46) Dibromomethane             | 9.48  | 93   | 32546    | 21.441  | ug/l  | 96       |
| 47) Bromodichloromethane       | 9.67  | 83   | 87541    | 22.033  | ug/l  | 96       |
| 48) Methyl methacrylate        | 9.46  | 41   | 34378    | 20.773  | ug/l  | 97       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 7856     | 438.639 | ug/l  | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 182188   | 107.984 | ug/l  | 99       |
| 52) Toluene                    | 10.41 | 92   | 156219   | 20.885  | ug/l  | 96       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 83925    | 21.622  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 99710    | 21.597  | ug/l  | 95       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 45005    | 21.764  | ug/l  | 95       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 56575    | 20.992  | ug/l  | 96       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 78700    | 21.882  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 131497   | 104.873 | ug/l  | 98       |
| 59) 2-Hexanone                 | 10.98 | 43   | 120987   | 105.305 | ug/l  | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 61426    | 22.183  | ug/l  | 97       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 44802    | 21.693  | ug/l  | 97       |
| 64) Tetrachloroethene          | 10.88 | 164  | 61134    | 20.416  | ug/l  | 95       |
| 65) Chlorobenzene              | 11.67 | 112  | 169952   | 20.826  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 63859    | 20.902  | ug/l  | 98       |
| 67) Ethyl Benzene              | 11.75 | 91   | 307694   | 21.147  | ug/l  | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 236096   | 42.483  | ug/l  | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 110871   | 21.431  | ug/l  | 98       |
| 70) Styrene                    | 12.20 | 104  | 188240   | 21.321  | ug/l  | 100      |
| 71) Bromoform                  | 12.37 | 173  | 35708    | 21.176  | ug/l  | # 100    |
| 73) Isopropylbenzene           | 12.48 | 105  | 294972   | 20.924  | ug/l  | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 68982    | 21.076  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 48164    | 21.586  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 36915m   | 23.556  | ug/l  |          |
| 77) Bromobenzene               | 12.77 | 156  | 75127    | 22.110  | ug/l  | 96       |
| 78) n-propylbenzene            | 12.83 | 91   | 348135   | 21.141  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 194947   | 21.395  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 245015   | 21.094  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 16967    | 21.240  | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 206079   | 21.453  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 13.23 | 119  | 214470   | 20.823  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 245895   | 21.466  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 13.41 | 105  | 294232   | 20.994  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 270879   | 21.027  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 138354   | 21.709  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 137278   | 21.625  | ug/l  | 98       |
| 89) n-Butylbenzene             | 13.85 | 91   | 252629   | 20.972  | ug/l  | 100      |
| 90) Hexachloroethane           | 14.12 | 117  | 53110    | 21.073  | ug/l  | 96       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 120451   | 21.851  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.52 | 75   | 7900     | 21.173  | ug/l  | 93       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051520\  
Data File : VD065749.D  
Acq On : 15 May 2020 13:41  
Operator : VA/SY  
Sample : VD0515SBSD01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

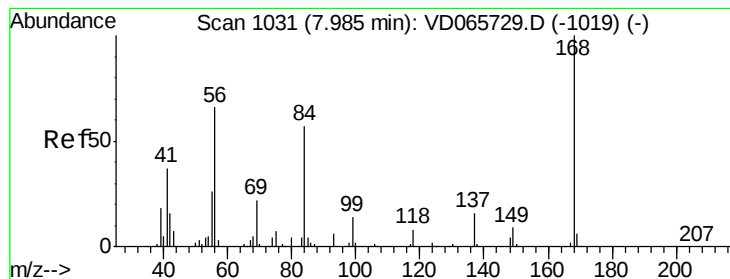
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBSD01

Quant Time: May 15 19:28:52 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D051320S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 13 14:28:42 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 87366    | 20.833 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 50411    | 20.051 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 148630   | 21.309 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 74779    | 20.915 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

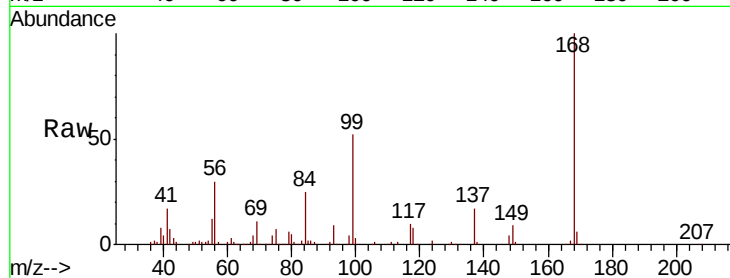
VD0515SBS01

Tot Ion:168 Resp: 313547

Ion Ratio Lower Upper

168 100

99 52.2 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

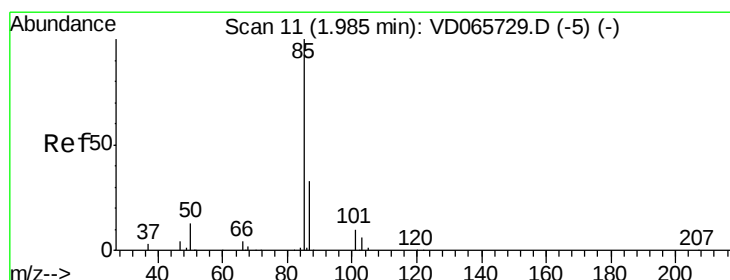
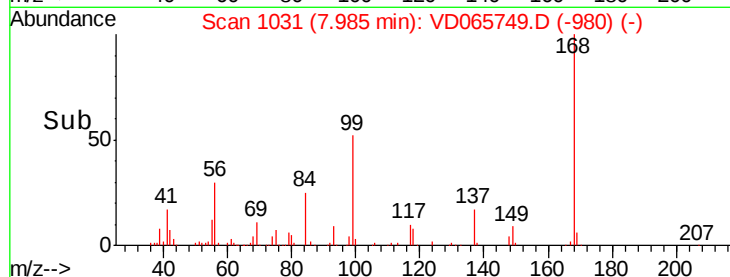
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.182 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065749.D

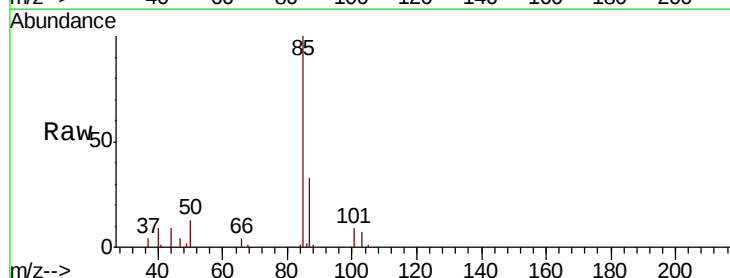
Acq: 15 May 2020 13:41

Tgt Ion: 85 Resp: 37403

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

25000

20000

15000

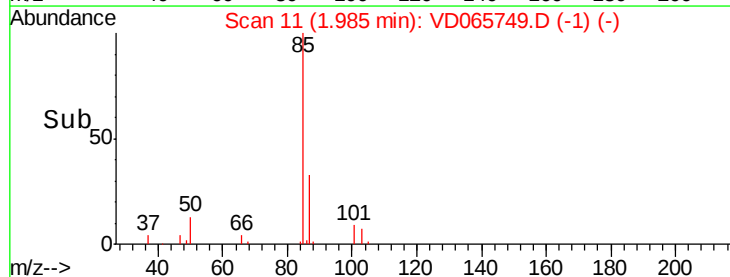
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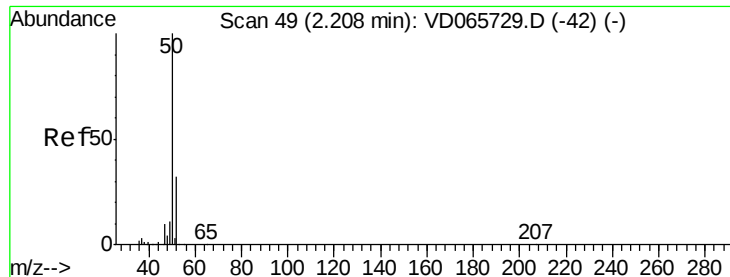
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.174 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

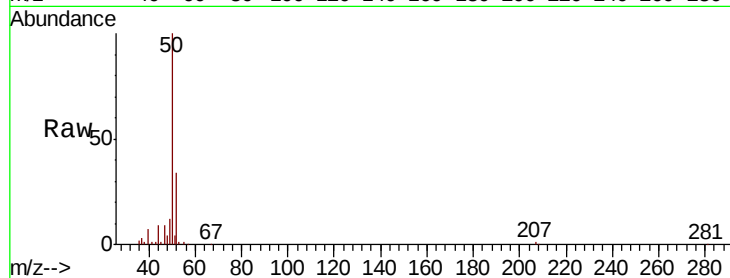
VD0515SBS01

Tot Ion: 50 Resp: 59478

Ion Ratio Lower Upper

50 100

52 34.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

40000

30000

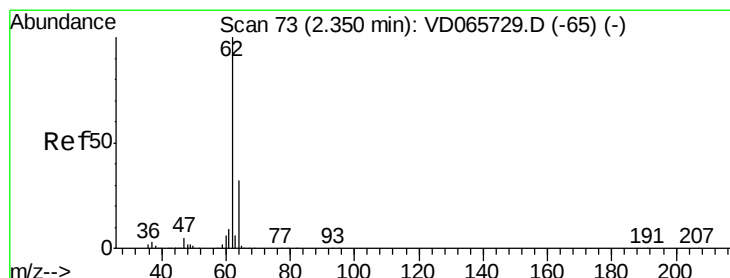
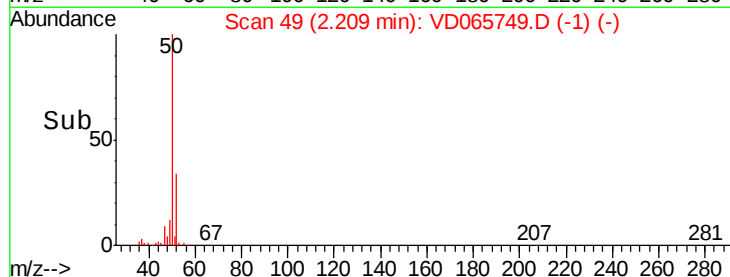
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 20.208 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065749.D

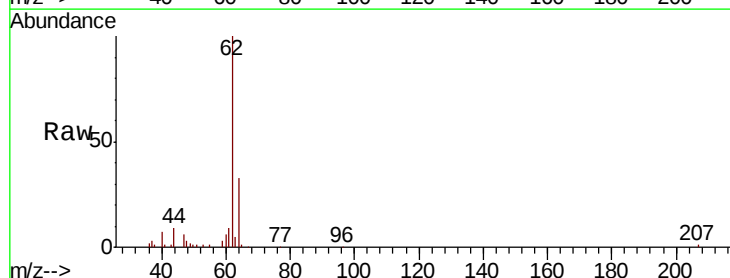
Acq: 15 May 2020 13:41

Tgt Ion: 62 Resp: 64513

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

40000

30000

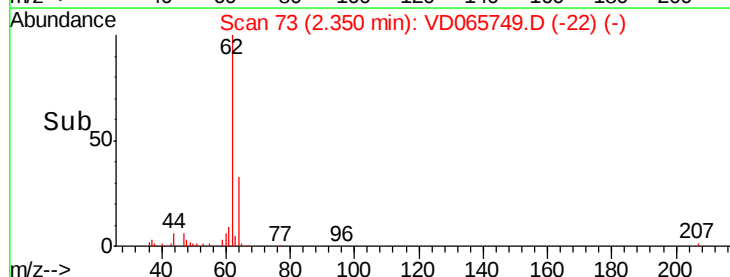
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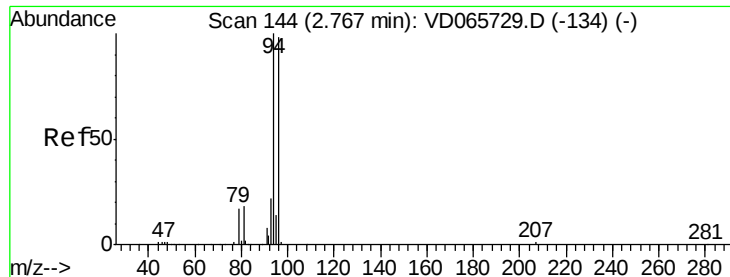
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0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 22.515 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

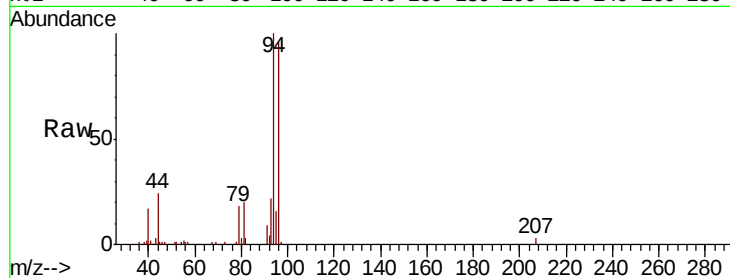
VD0515SBS01

Tot Ion: 94 Resp: 47491

Ion Ratio Lower Upper

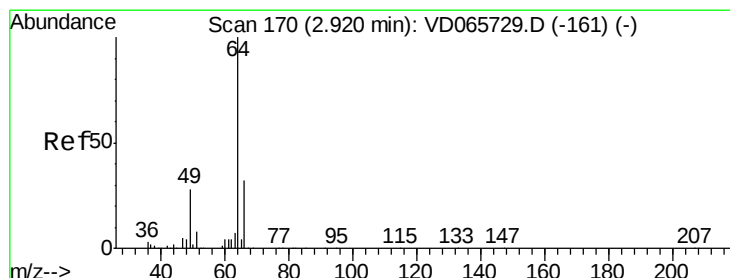
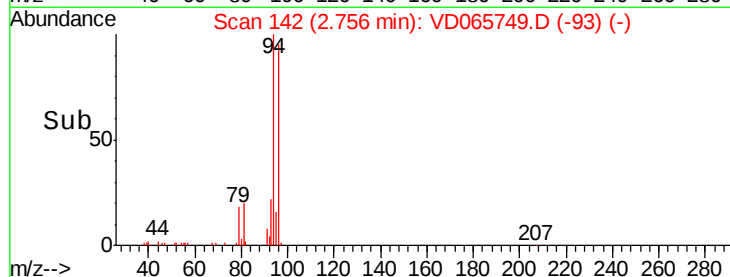
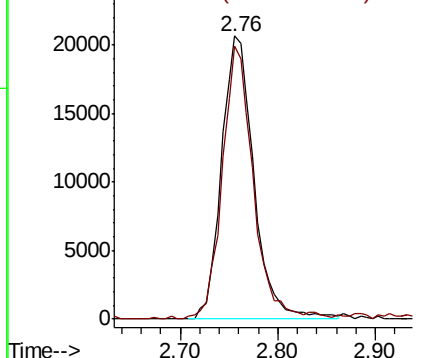
94 100

96 95.3 78.1 117.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.236 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065749.D

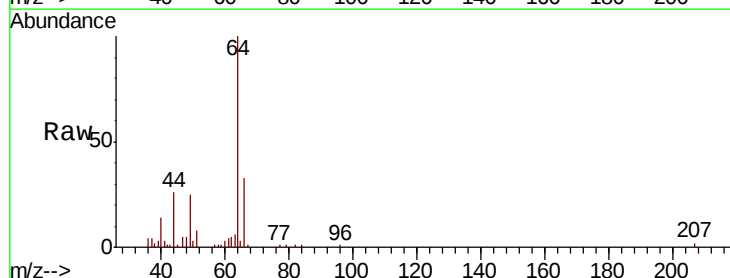
Acq: 15 May 2020 13:41

Tgt Ion: 64 Resp: 46044

Ion Ratio Lower Upper

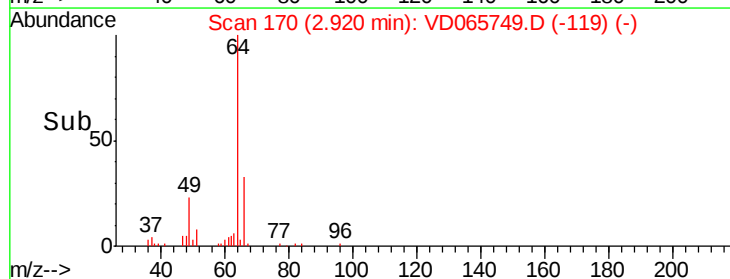
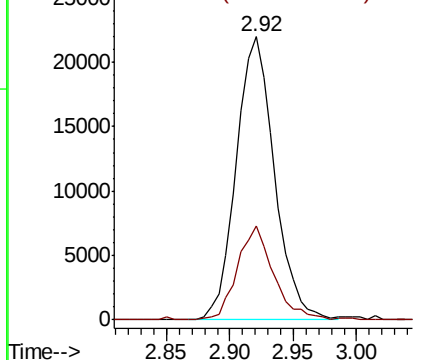
64 100

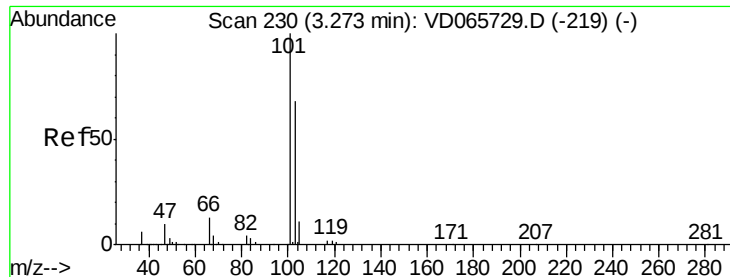
66 33.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 20.143 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

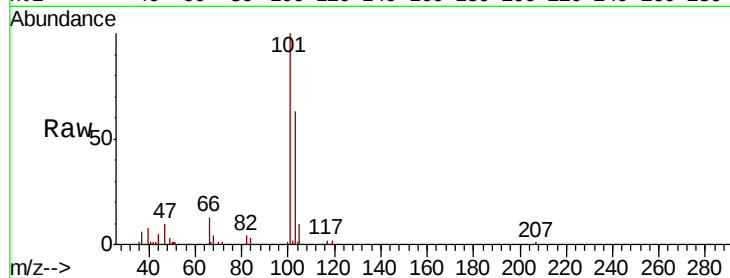
VD0515SBS01

Tot Ion:101 Resp: 88901

Ion Ratio Lower Upper

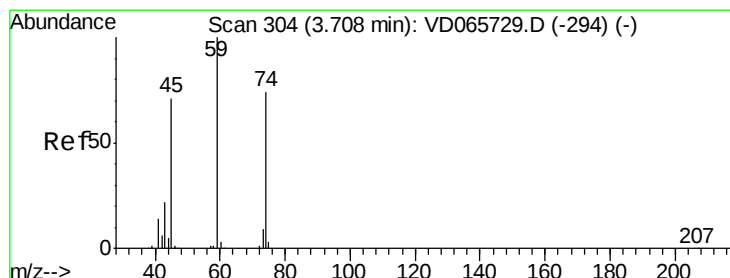
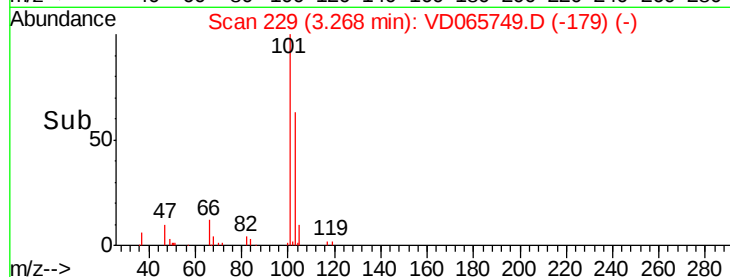
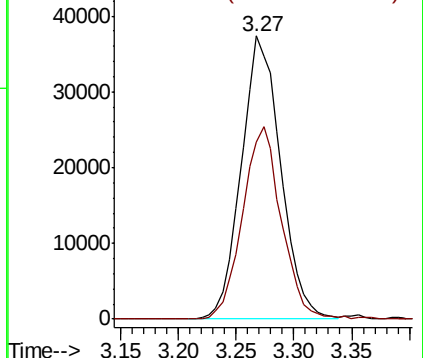
101 100

103 62.8 54.1 81.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.618 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD065749.D

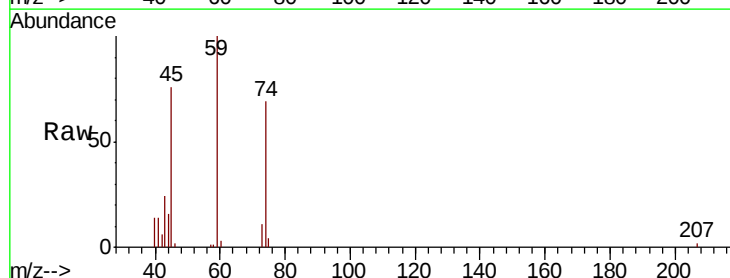
Acq: 15 May 2020 13:41

Tgt Ion: 74 Resp: 27414

Ion Ratio Lower Upper

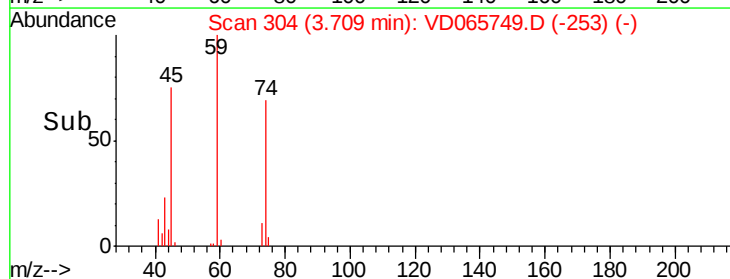
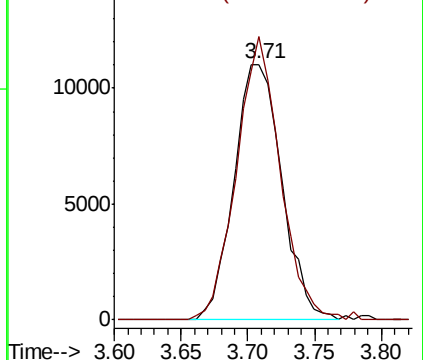
74 100

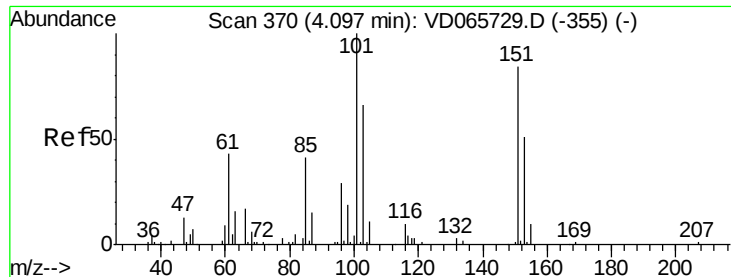
45 101.3 48.1 144.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.316 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

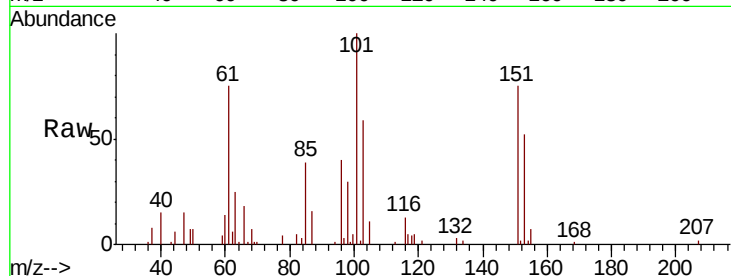
Tot Ion:101 Resp: 55114

Ion Ratio Lower Upper

101 100

85 44.1 34.1 51.1

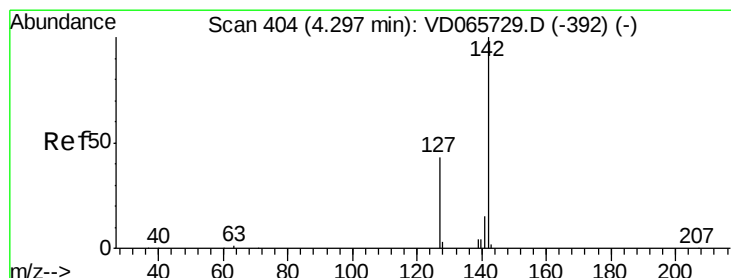
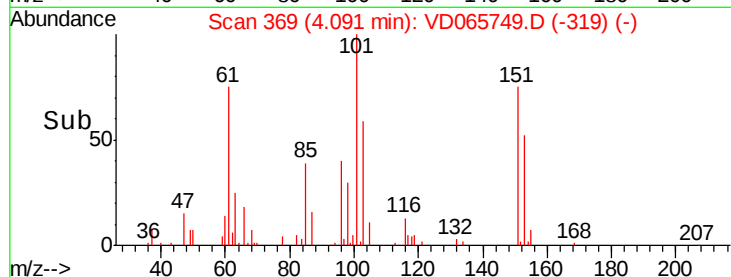
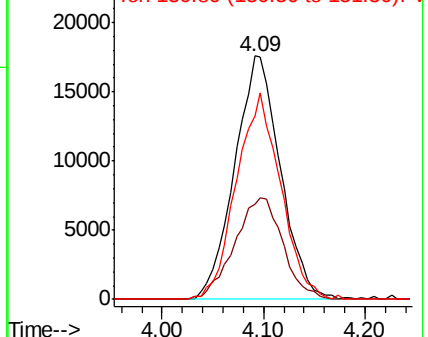
151 81.9 65.1 97.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.106 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

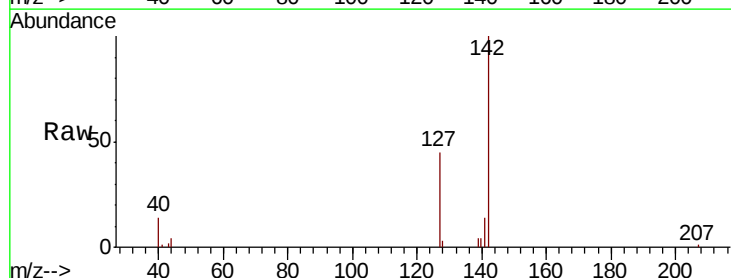
Tgt Ion:142 Resp: 56977

Ion Ratio Lower Upper

142 100

127 43.5 34.2 51.4

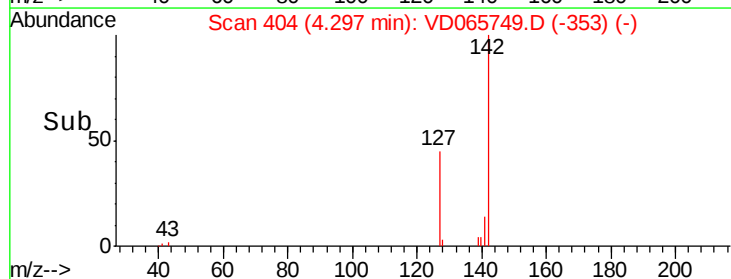
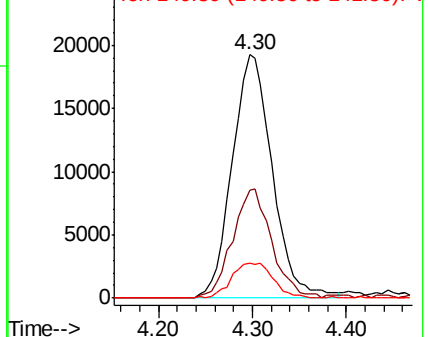
141 14.9 11.7 17.5

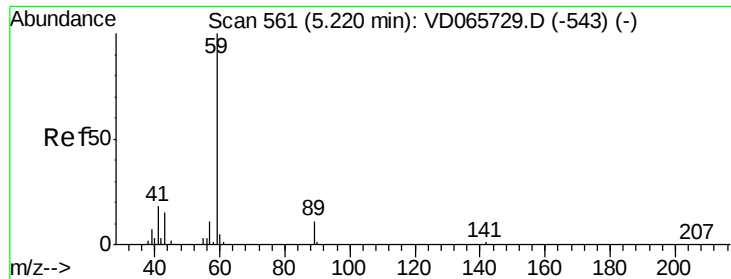


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



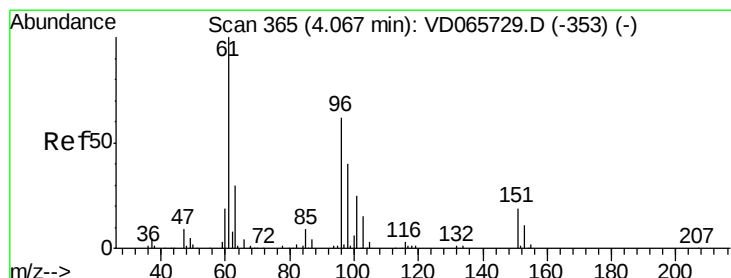
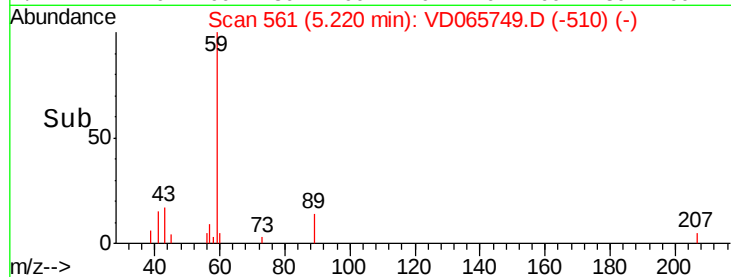
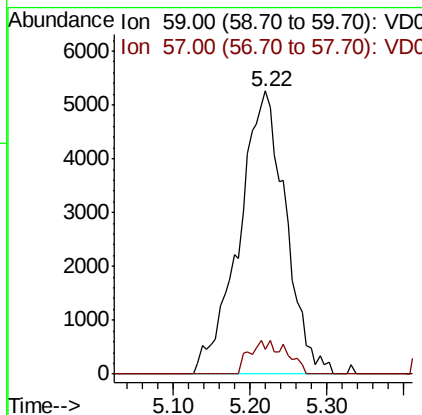
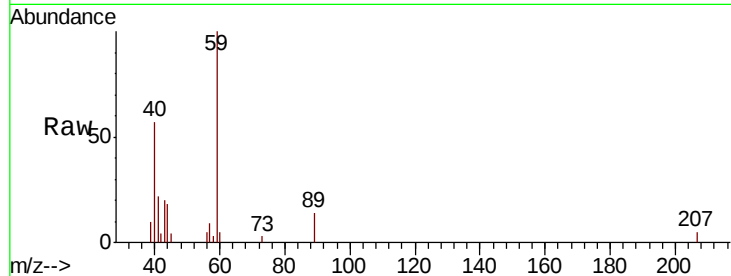


#11

Tert butyl alcohol  
 Concen: 68.045 ug/l  
 RT: 5.22 min Scan# 561  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBS01

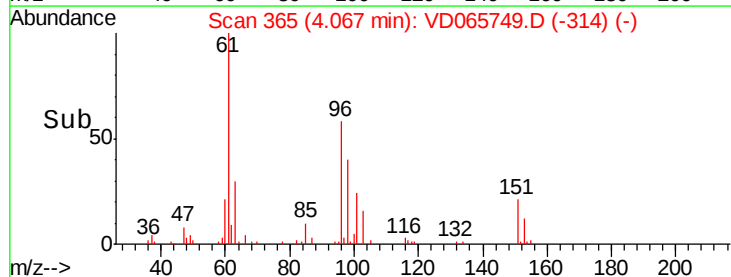
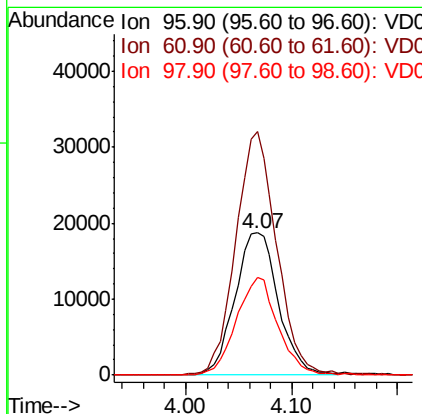
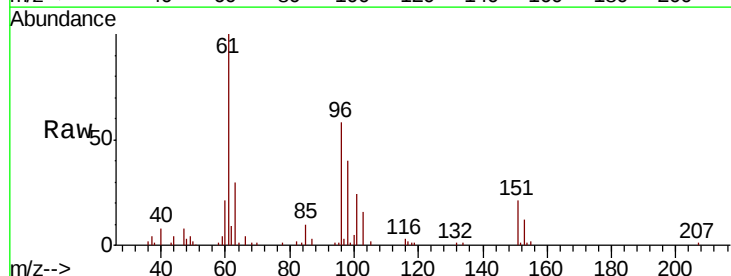
Tot Ion: 59 Resp: 22237  
 Ion Ratio Lower Upper  
 59 100  
 57 9.2 7.4 11.0

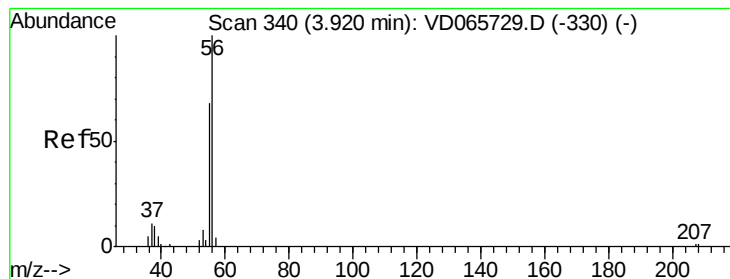


#12

1,1-Dichloroethene  
 Concen: 20.716 ug/l  
 RT: 4.07 min Scan# 365  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Tgt Ion: 96 Resp: 53302  
 Ion Ratio Lower Upper  
 96 100  
 61 170.1 130.0 195.0  
 98 69.1 52.3 78.5





#13

Acrolein

Concen: 118.699 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

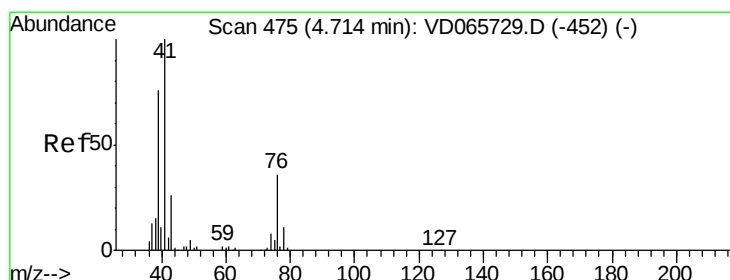
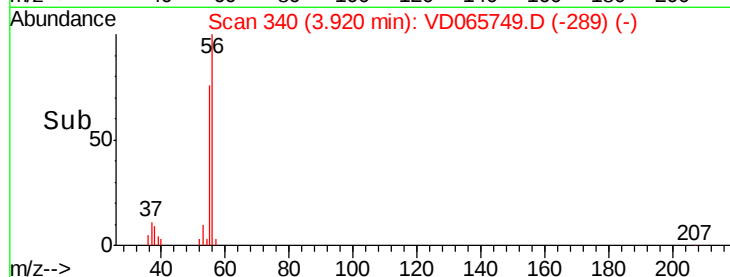
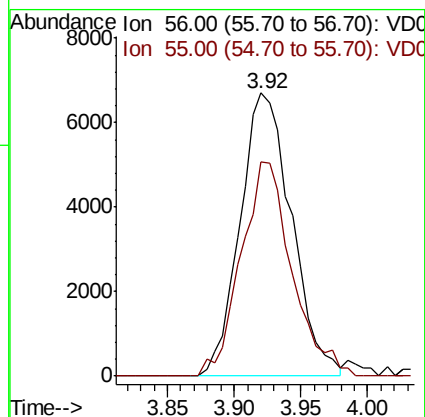
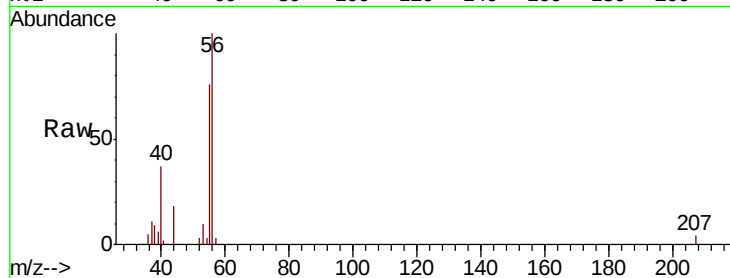
VD0515SBS01

Tot Ion: 56 Resp: 17903

Ion Ratio Lower Upper

56 100

55 75.0 57.8 86.8



#14

Allyl chloride

Concen: 20.958 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

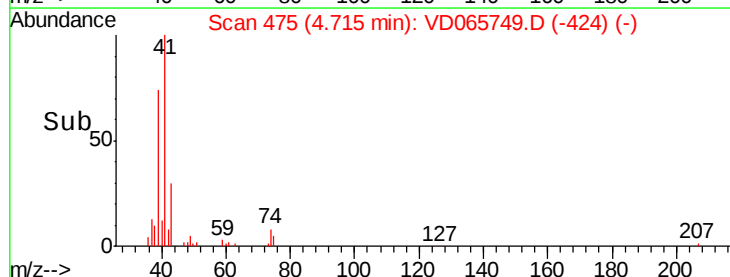
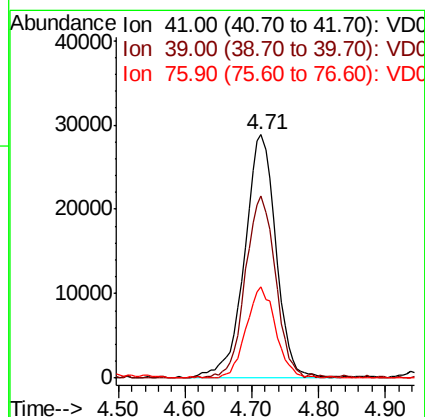
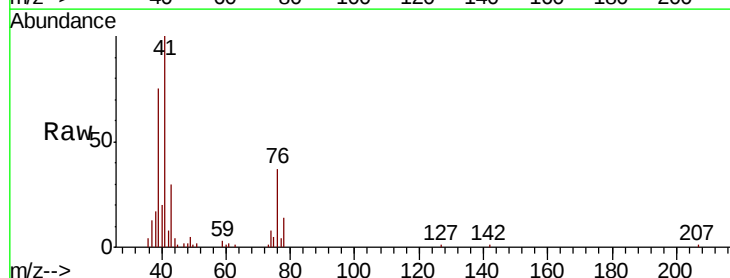
Tgt Ion: 41 Resp: 93236

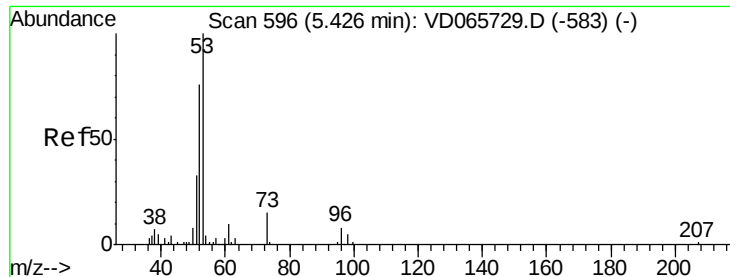
Ion Ratio Lower Upper

41 100

39 71.8 57.4 86.2

76 35.2 28.4 42.6





#15

Acrylonitrile

Concen: 111.678 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

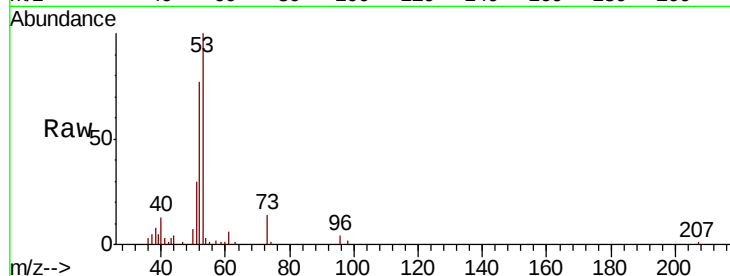
Tot Ion: 53 Resp: 62564

Ion Ratio Lower Upper

53 100

52 80.7 66.3 99.5

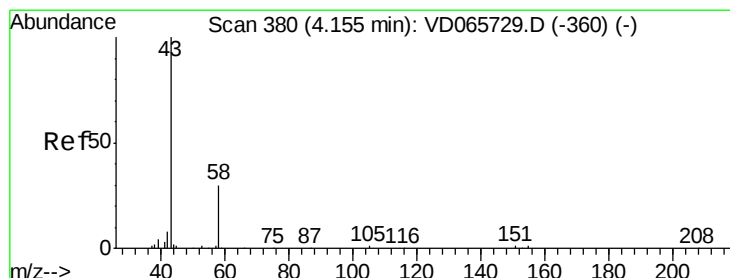
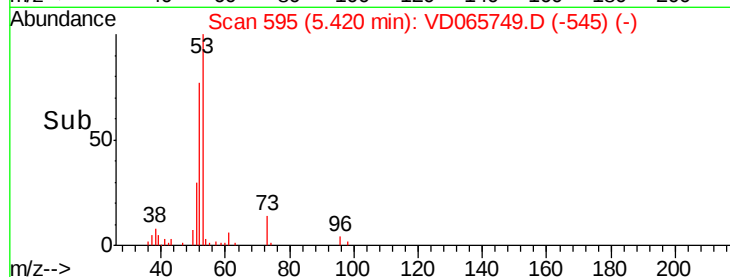
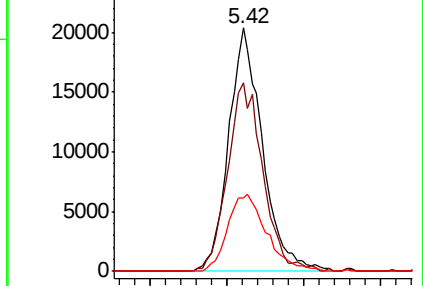
51 36.2 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 98.694 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065749.D

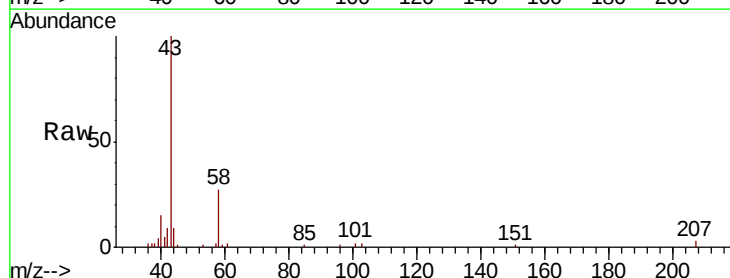
Acq: 15 May 2020 13:41

Tgt Ion: 43 Resp: 51151

Ion Ratio Lower Upper

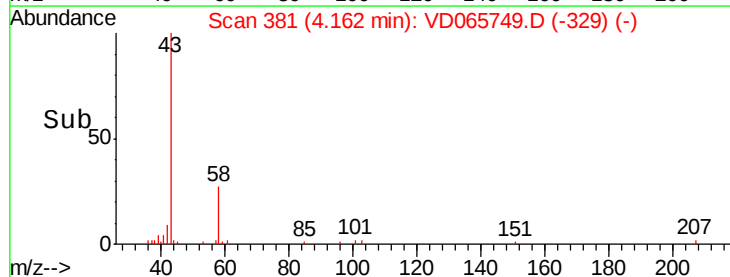
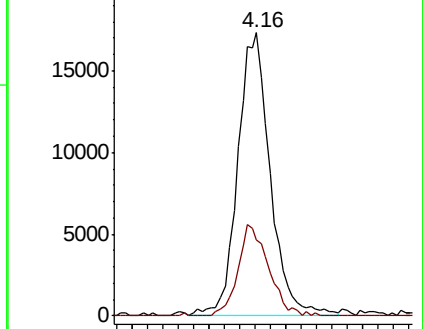
43 100

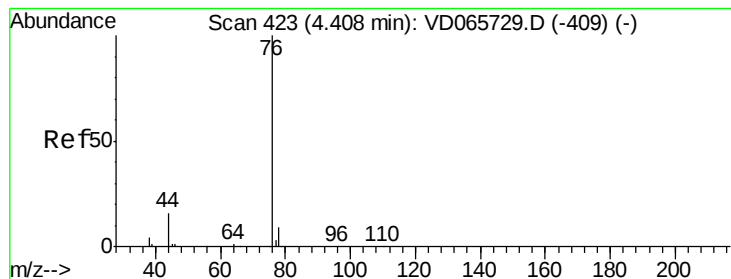
58 26.7 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 20.416 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

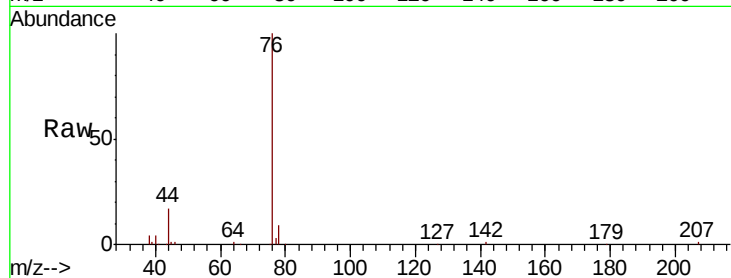
VD0515SBS01

Tot Ion: 76 Resp: 165910

Ion Ratio Lower Upper

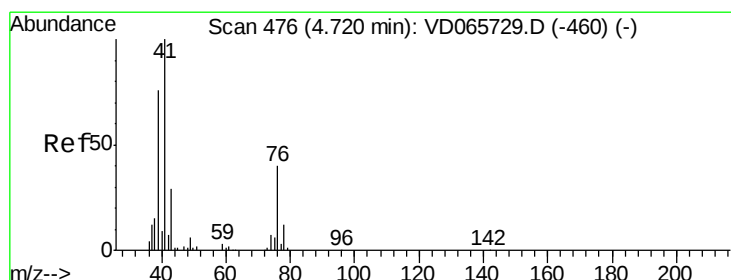
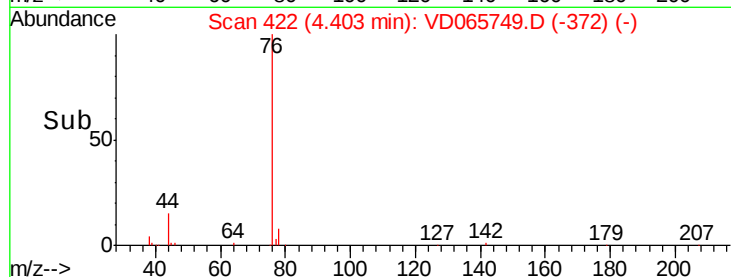
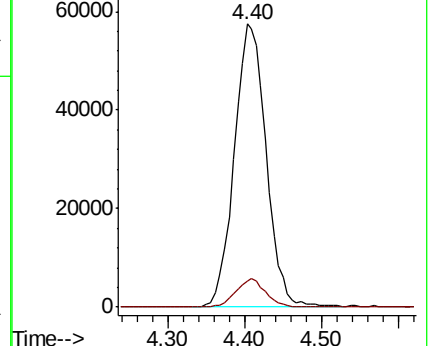
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 22.776 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065749.D

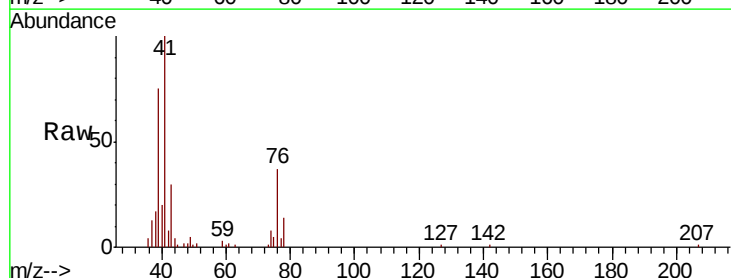
Acq: 15 May 2020 13:41

Tgt Ion: 43 Resp: 29463

Ion Ratio Lower Upper

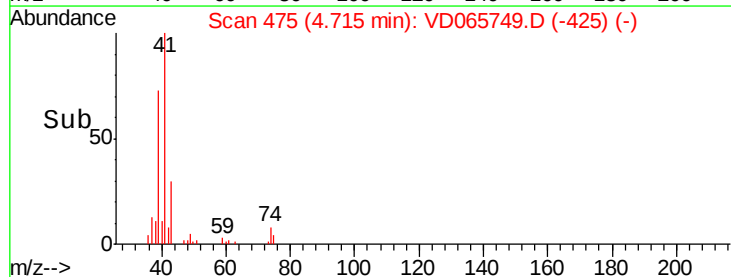
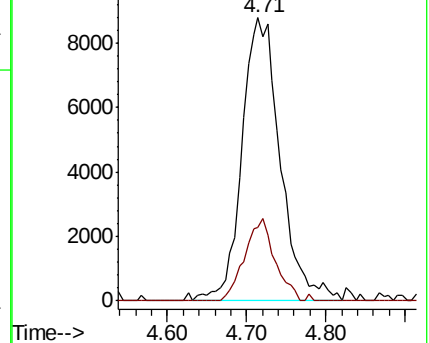
43 100

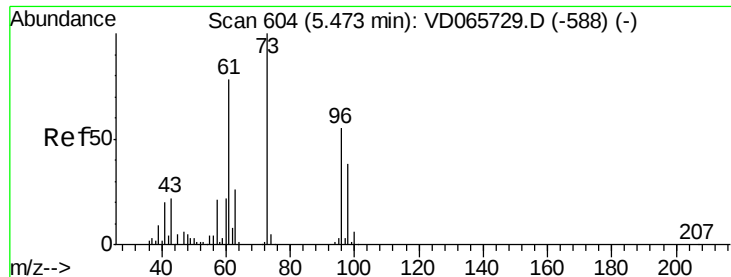
74 22.8 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

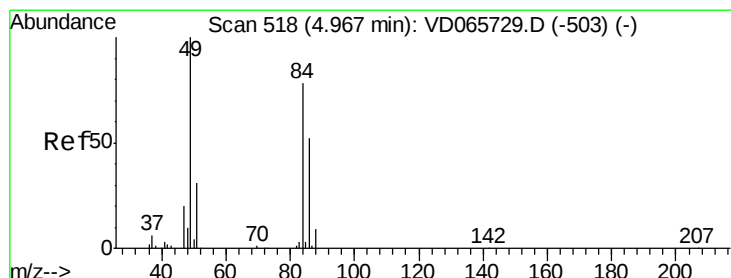
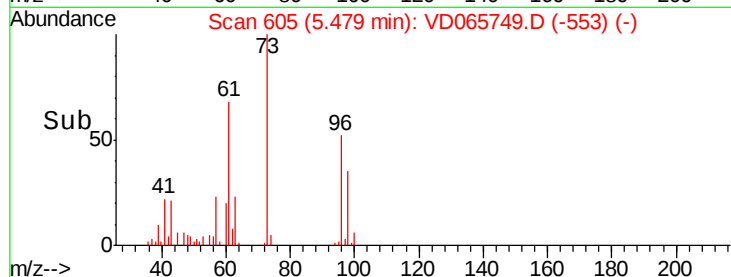
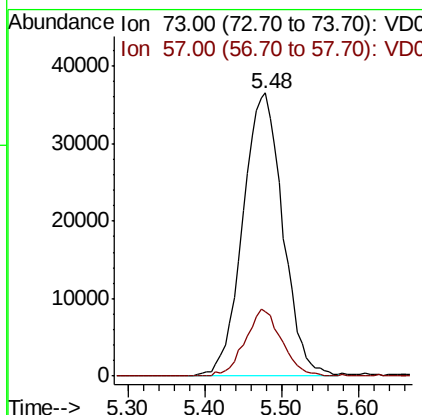
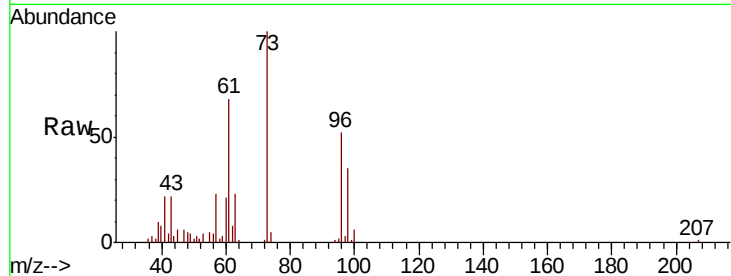




#19  
Methyl tert-butyl Ether  
Concen: 22.132 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. 0.01 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

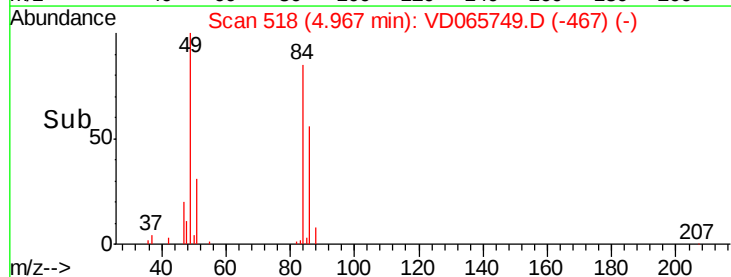
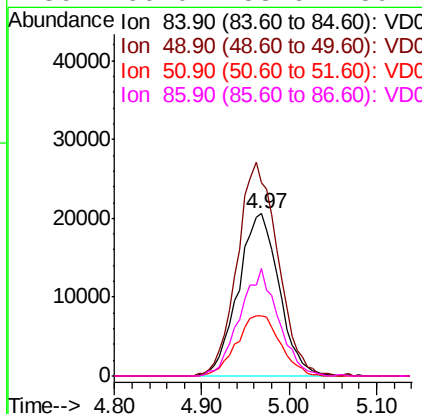
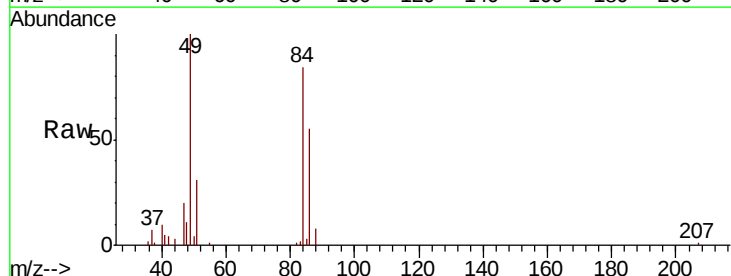
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBS01

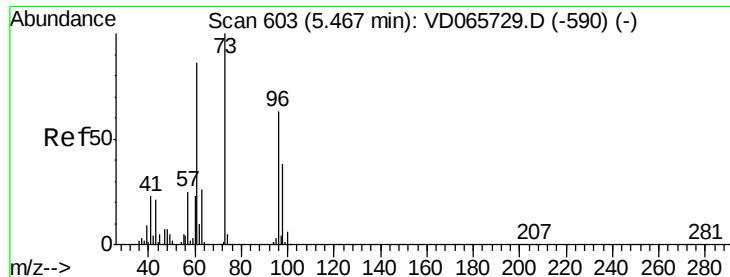
Tot Ion: 73 Resp: 132854  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.0 25.4



#20  
Methylene Chloride  
Concen: 22.486 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Tgt Ion: 84 Resp: 65748  
Ion Ratio Lower Upper  
84 100  
49 119.1 102.9 154.3  
51 36.9 31.5 47.3  
86 66.0 53.6 80.4





#21

trans-1,2-Dichloroethene

Concen: 21.478 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

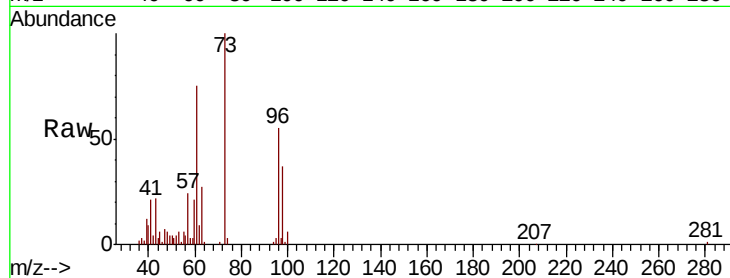
Tot Ion: 96 Resp: 63627

Ion Ratio Lower Upper

96 100

61 135.6 108.6 163.0

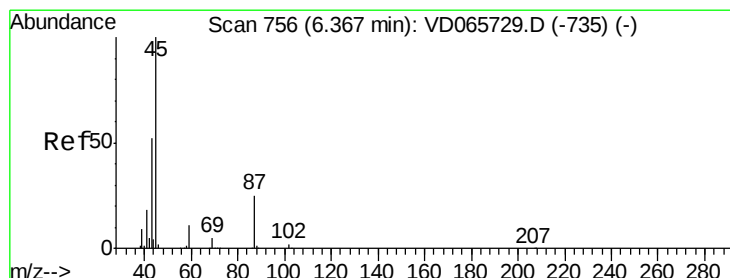
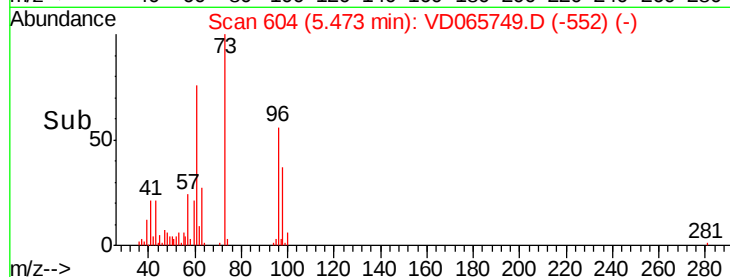
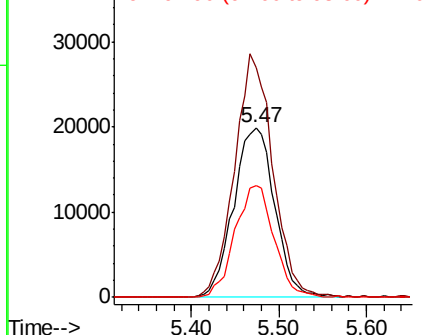
98 65.8 47.9 71.9



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: 22.016 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Tgt Ion: 45 Resp: 186468

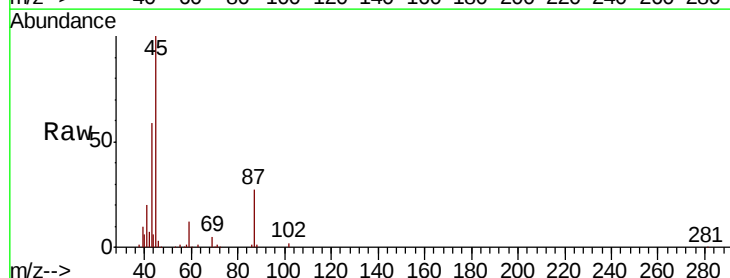
Ion Ratio Lower Upper

45 100

43 57.3 41.8 62.6

87 26.4 20.1 30.1

59 11.3 8.6 13.0

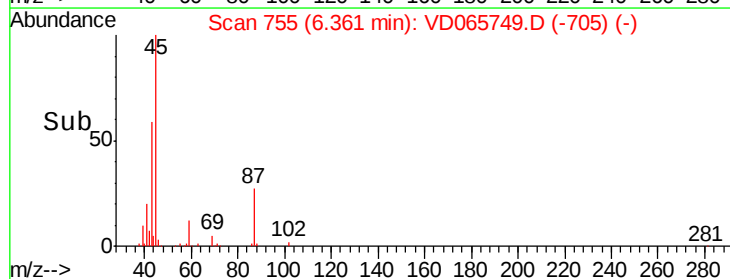
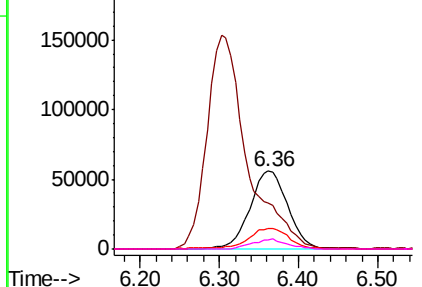


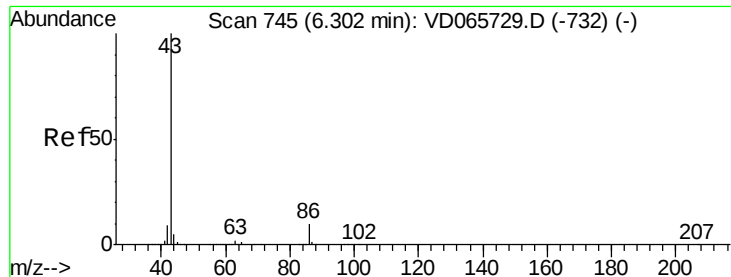
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 108.633 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

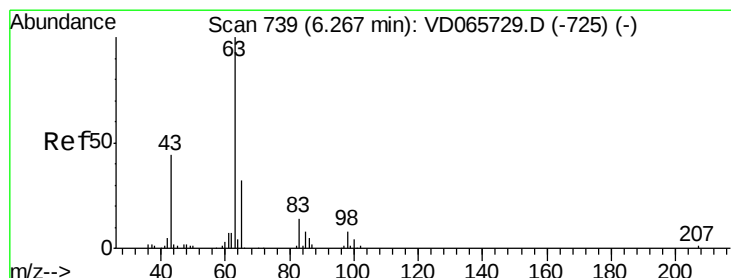
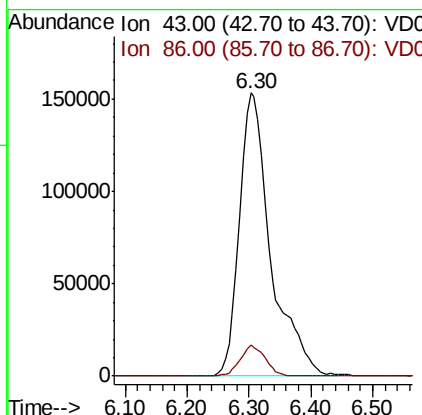
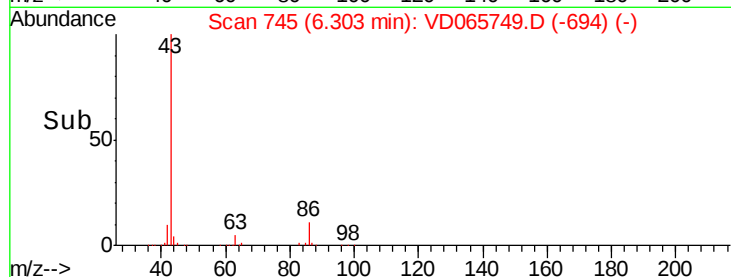
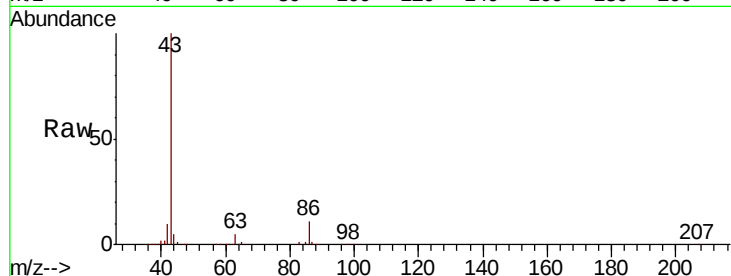
VD0515SBS01

Tot Ion: 43 Resp: 541171

Ion Ratio Lower Upper

43 100

86 11.1 8.2 12.4



#24

1,1-Dichloroethane

Concen: 21.364 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

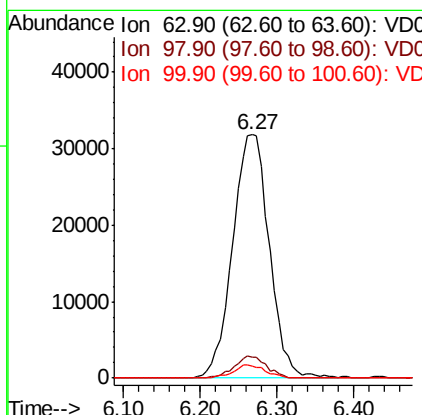
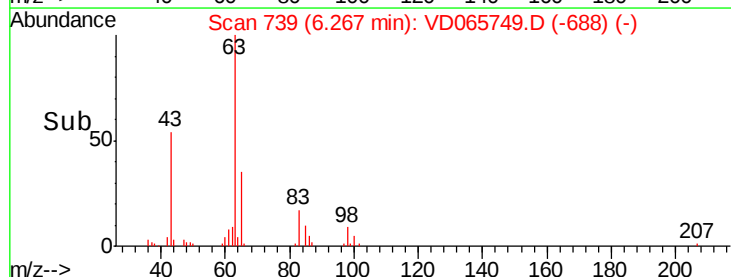
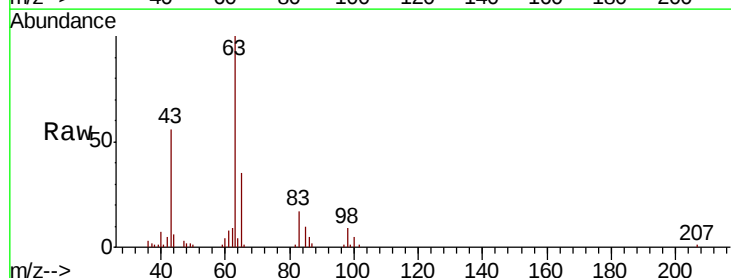
Tgt Ion: 63 Resp: 105947

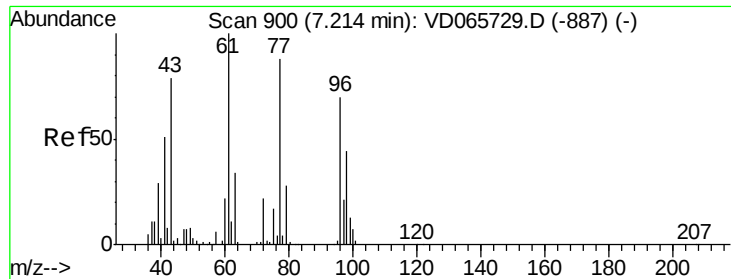
Ion Ratio Lower Upper

63 100

98 8.5 3.9 11.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 105.060 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

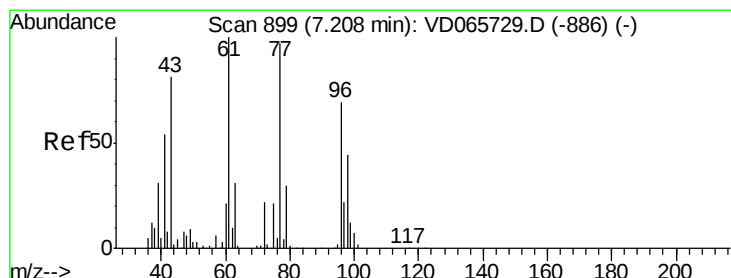
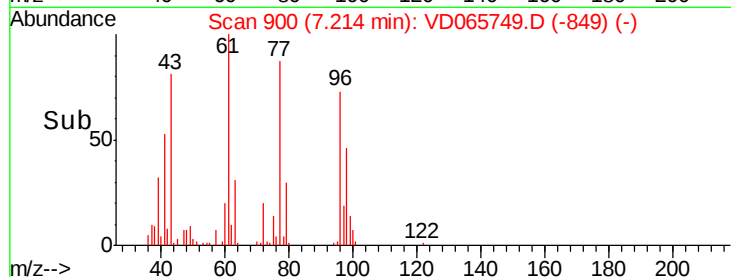
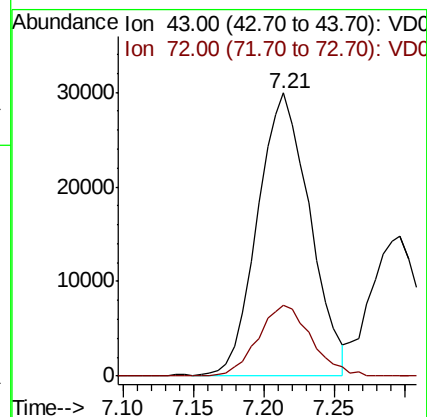
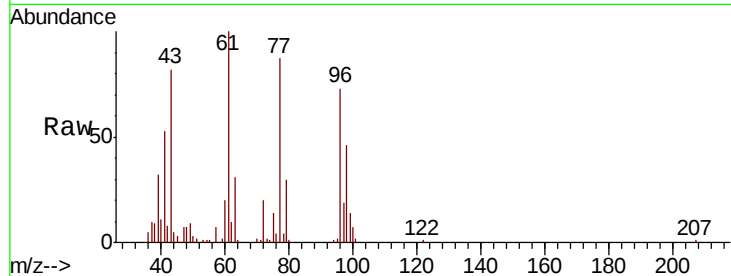
VD0515SBS01

Tot Ion: 43 Resp: 77835

Ion Ratio Lower Upper

43 100

72 25.1 22.3 33.5



#26

2,2-Dichloropropane

Concen: 21.441 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065749.D

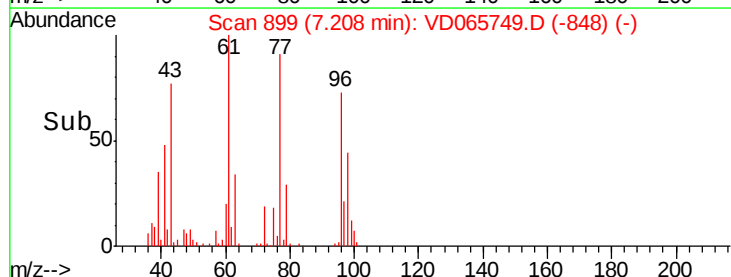
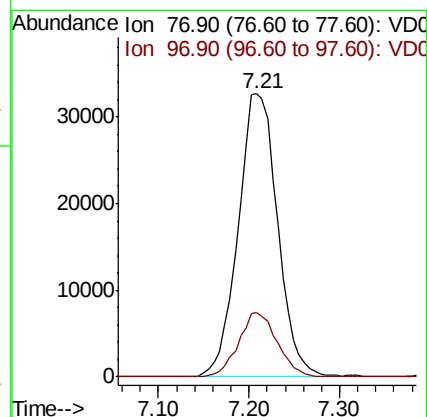
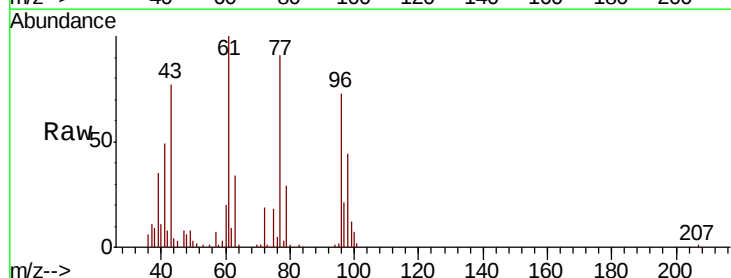
Acq: 15 May 2020 13:41

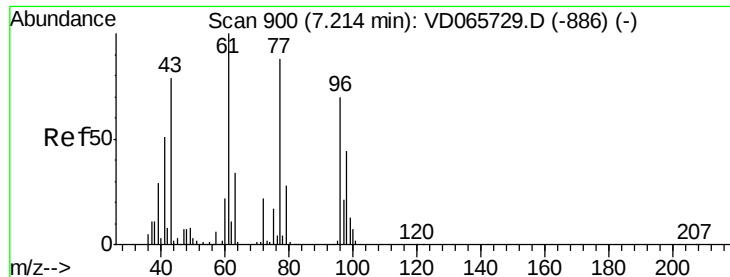
Tgt Ion: 77 Resp: 98687

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.9



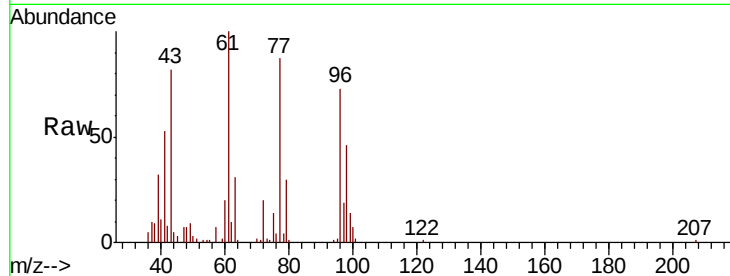


#27

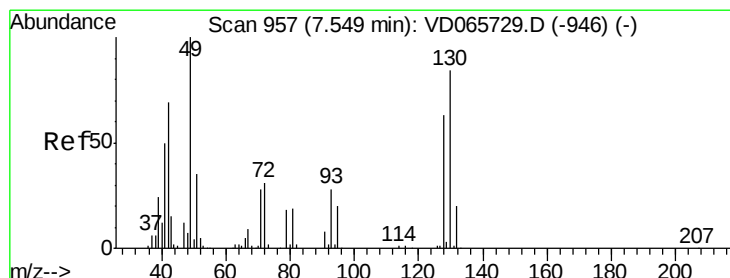
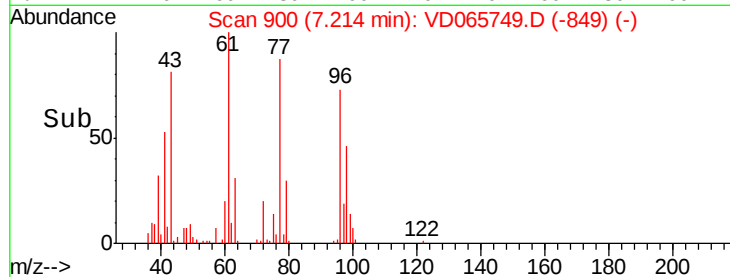
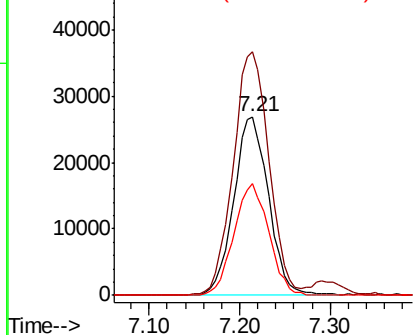
cis-1,2-Dichloroethene  
 Concen: 22.139 ug/l  
 RT: 7.21 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBSD01

Tot Ion: 96 Resp: 71872  
 Ion Ratio Lower Upper  
 96 100  
 61 140.1 0.0 288.0  
 98 62.5 0.0 127.8



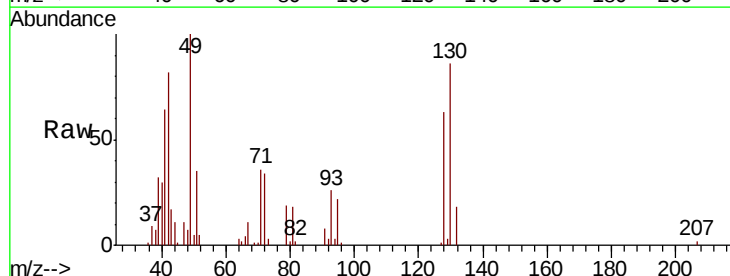
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.90 (60.60 to 61.60): VDC  
 Ion 97.90 (97.60 to 98.60): VDC



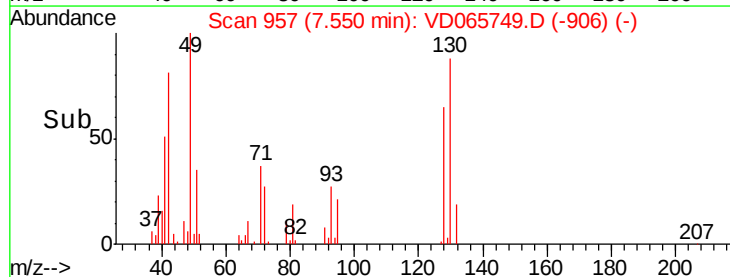
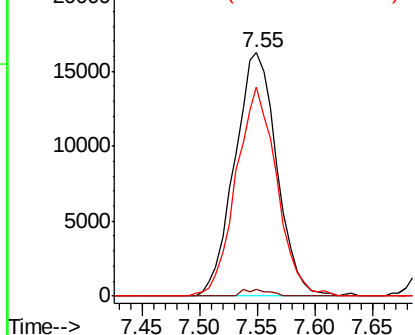
#28

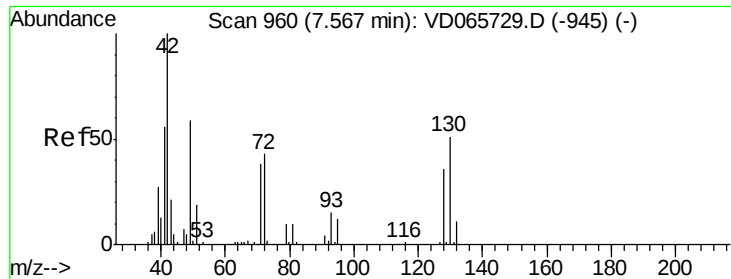
Bromochloromethane  
 Concen: 20.236 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Tgt Ion: 49 Resp: 41258  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 4.6  
 130 82.8 65.2 97.8



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

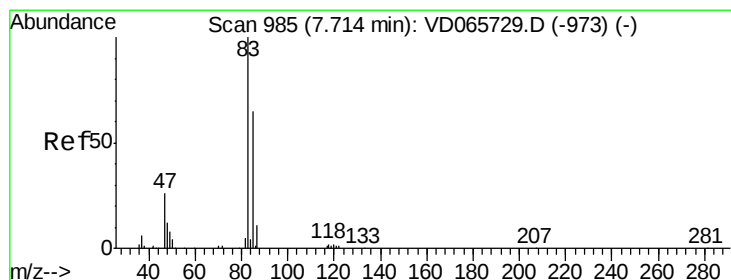
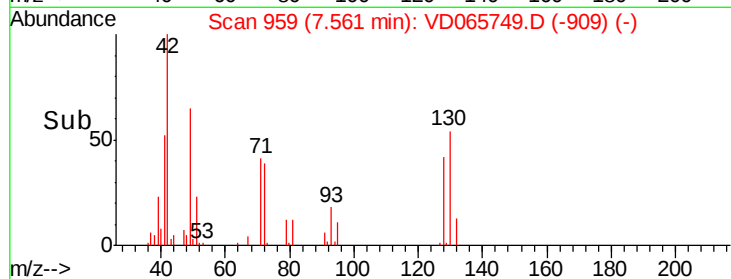
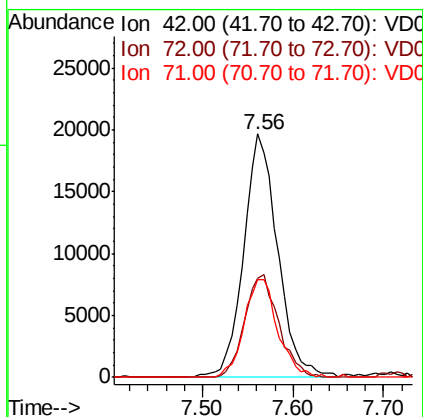
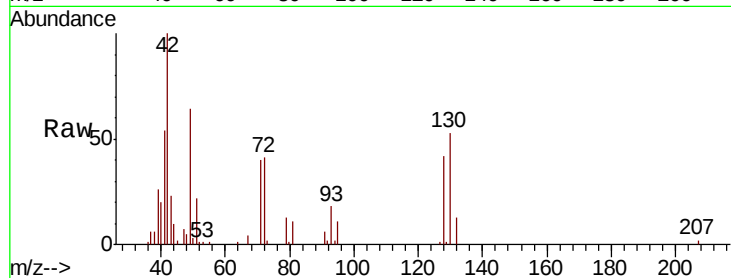




#29  
Tetrahydrofuran  
Concen: 109.119 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

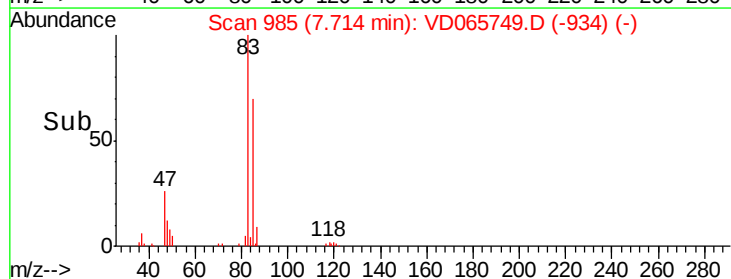
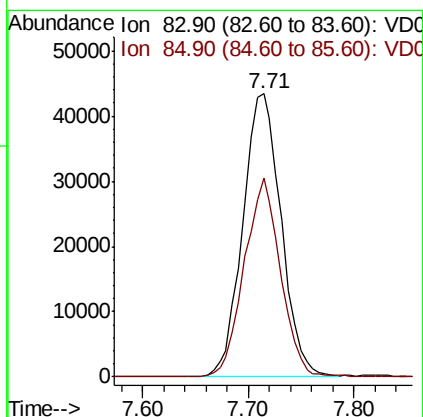
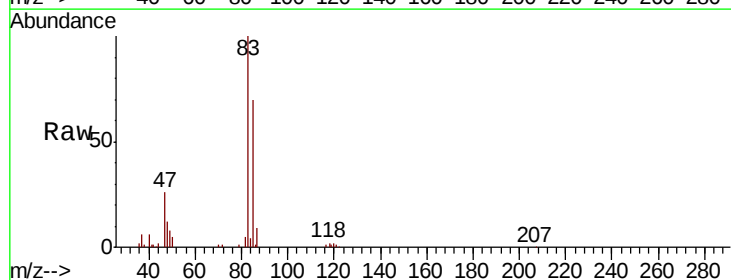
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBS01

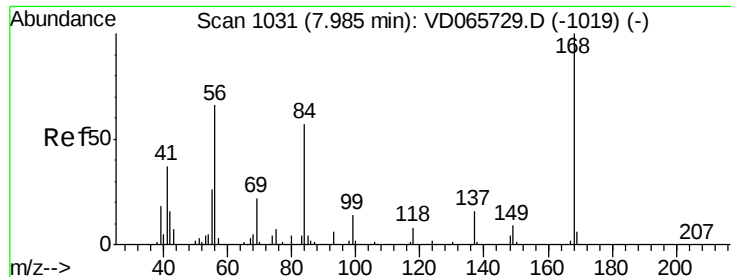
Tot Ion: 42 Resp: 51256  
Ion Ratio Lower Upper  
42 100  
72 41.9 33.5 50.3  
71 39.5 31.8 47.6



#30  
Chloroform  
Concen: 21.858 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Tgt Ion: 83 Resp: 109544  
Ion Ratio Lower Upper  
83 100  
85 70.1 52.2 78.2

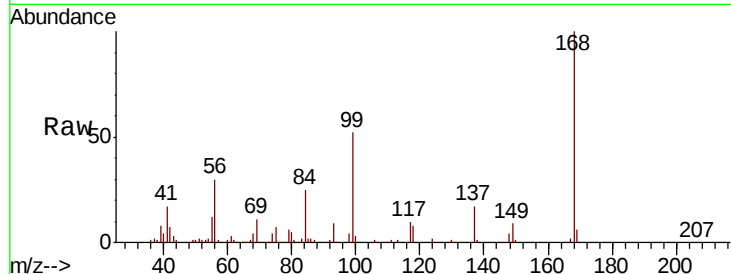




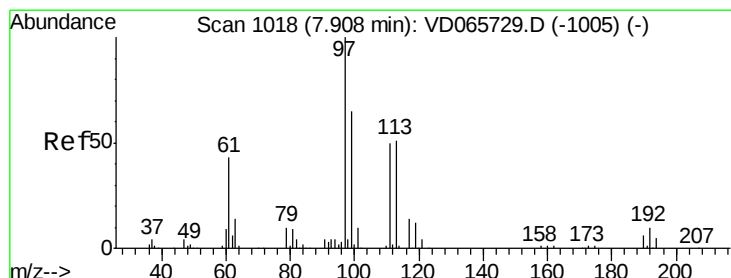
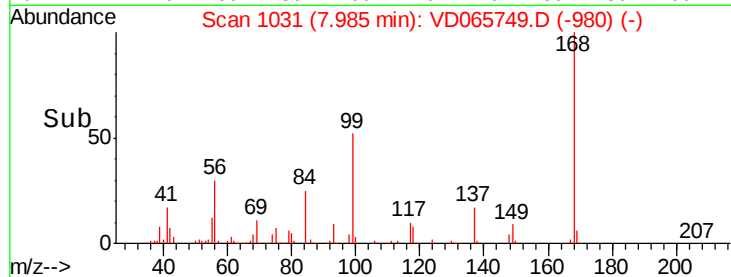
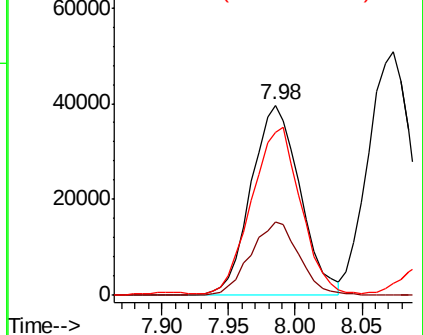
#31  
Cyclohexane  
Concen: 20.065 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBS01

Tot Ion: 56 Resp: 100722  
Ion Ratio Lower Upper  
56 100  
69 38.5 25.9 38.9  
84 84.6 69.1 103.7

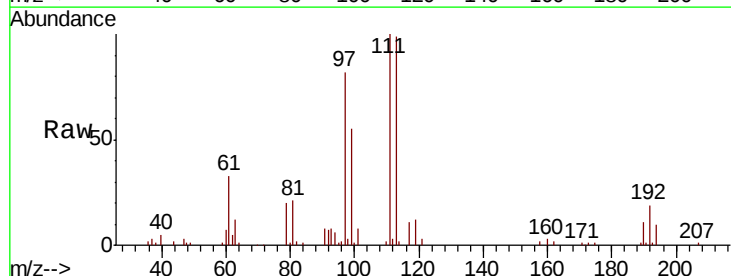


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

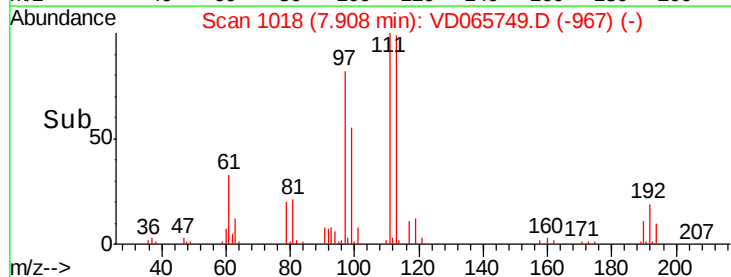
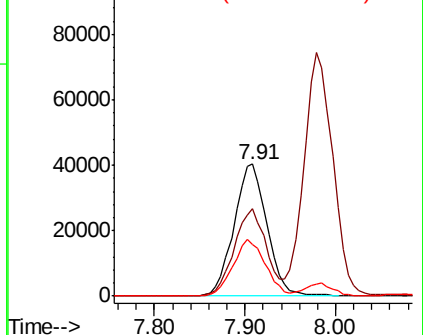


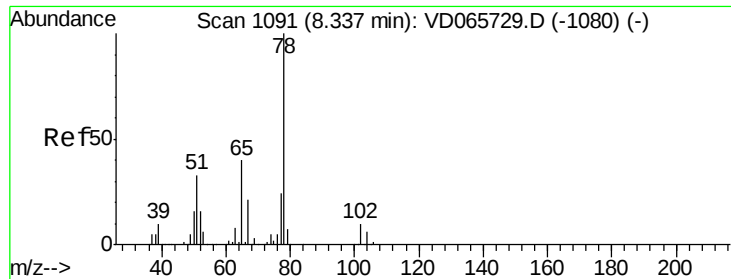
#32  
1,1,1-Trichloroethane  
Concen: 21.757 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Tgt Ion: 97 Resp: 102146  
Ion Ratio Lower Upper  
97 100  
99 65.3 50.5 75.7  
61 41.9 33.9 50.9



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





#33

1,2-Dichloroethane-d4

Concen: 53.565 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

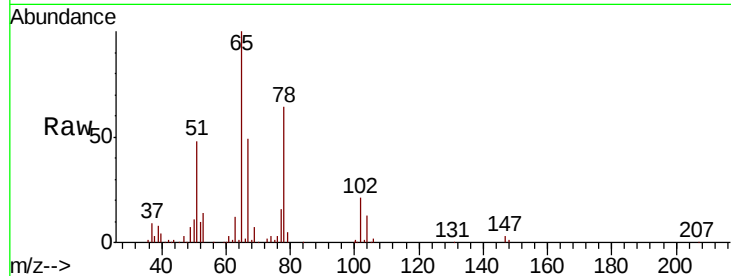
VD0515SBS01

Tot Ion: 65 Resp: 135344

Ion Ratio Lower Upper

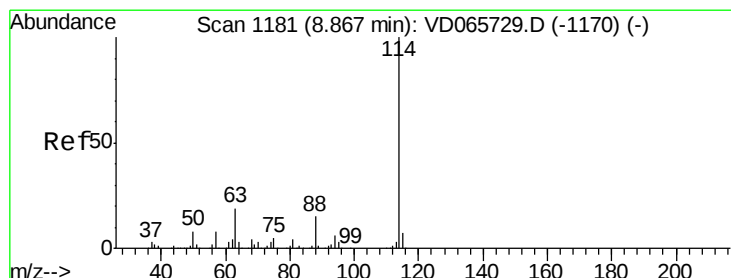
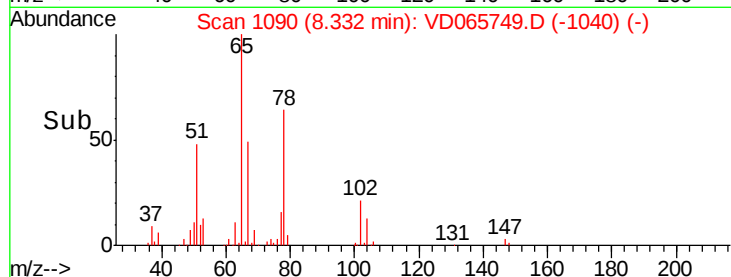
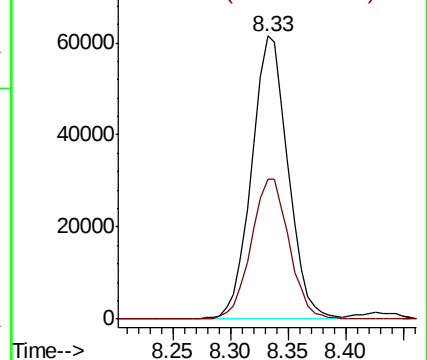
65 100

67 51.6 0.0 106.2



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: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

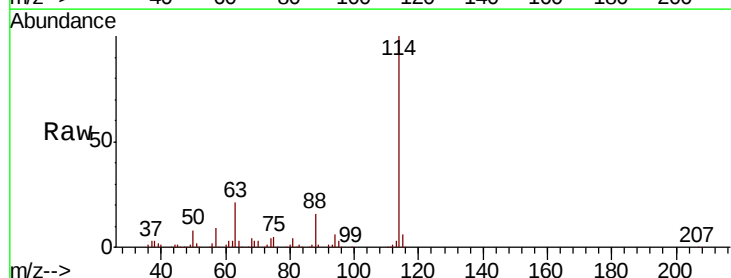
Tgt Ion: 114 Resp: 478106

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.2

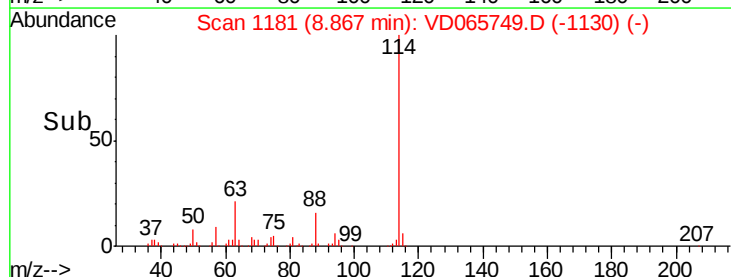
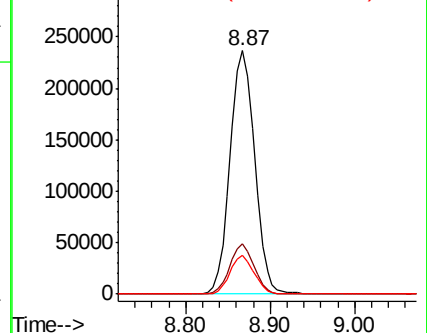
88 15.7 0.0 30.2

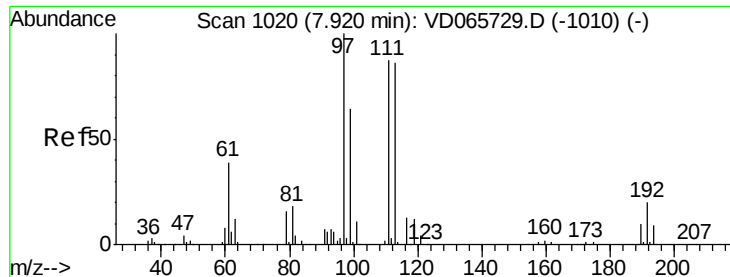


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

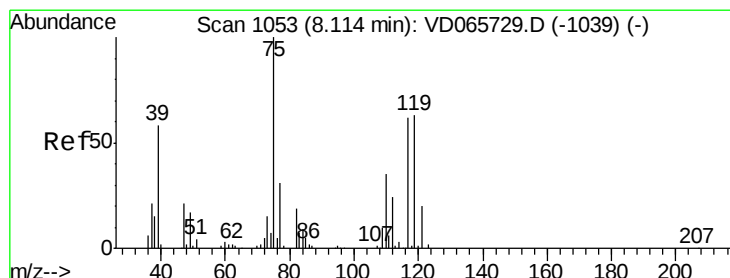
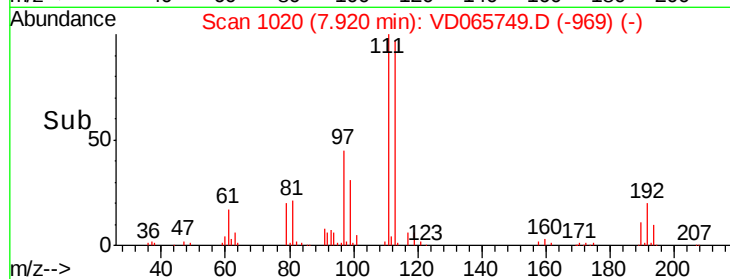
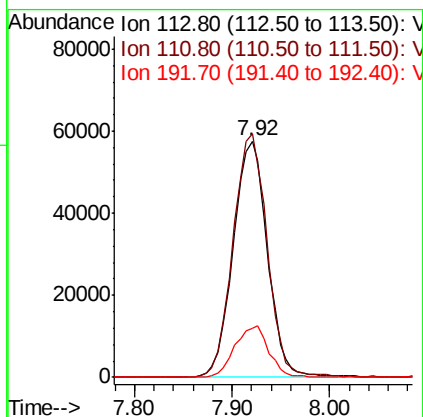
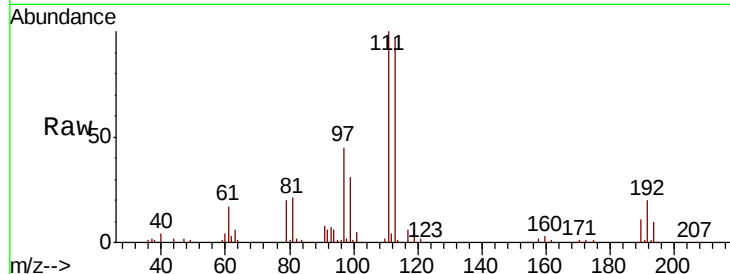




#35  
Dibromofluoromethane  
Concen: 51.615 ug/l  
RT: 7.92 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

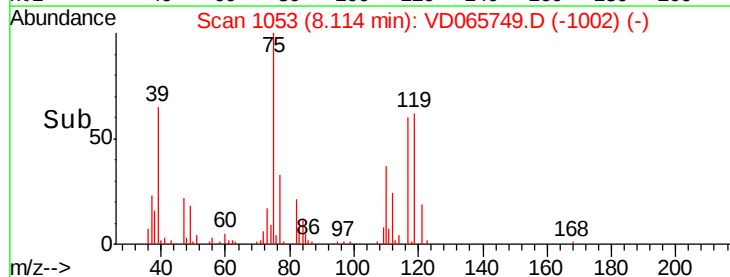
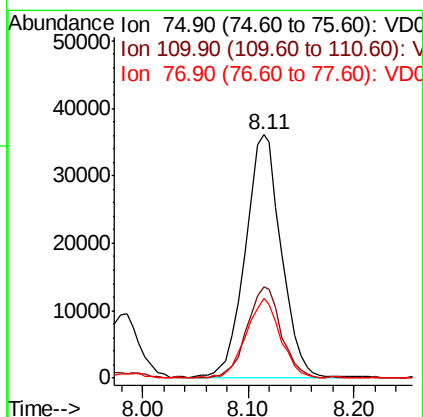
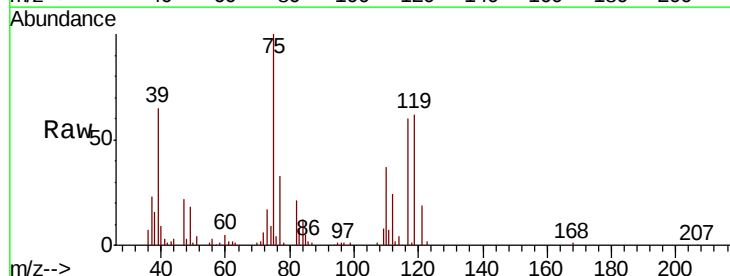
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBS01

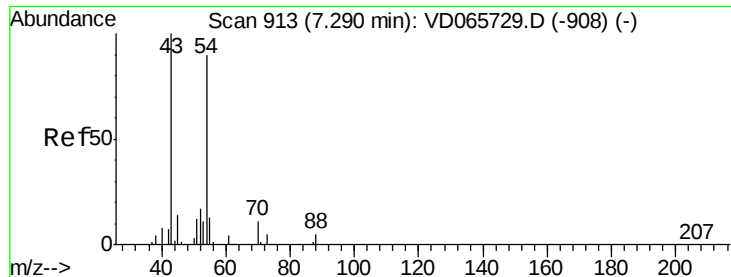
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.1 | 81.1  | 121.7 |
| 192     | 21.5  | 17.6  | 26.4  |



#36  
1,1-Dichloropropene  
Concen: 20.644 ug/l  
RT: 8.11 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.6  | 18.4  | 55.2  |
| 77      | 31.2  | 24.6  | 37.0  |

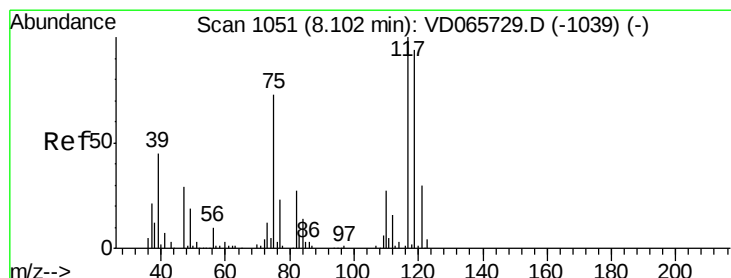
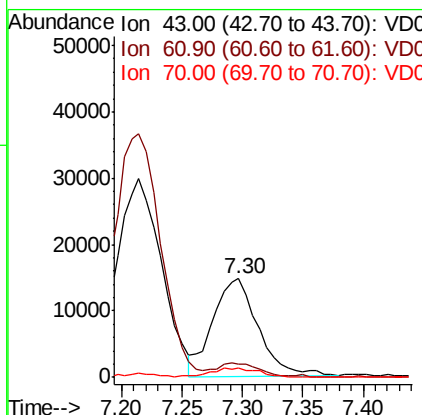
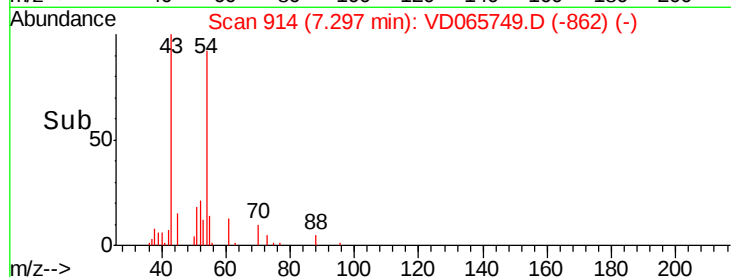
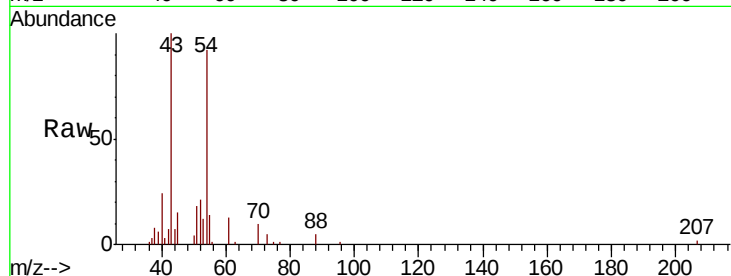




#37  
Ethyl Acetate  
Concen: 21.338 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. 0.01 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

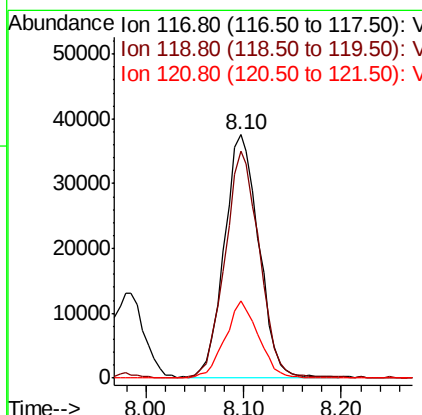
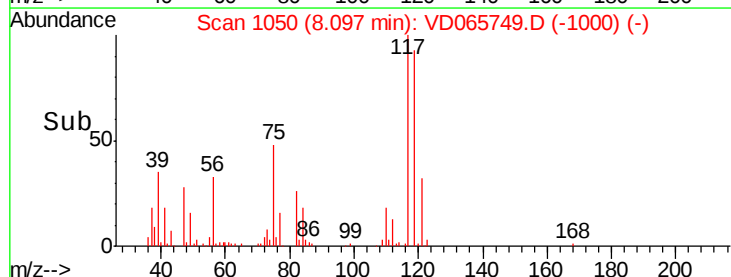
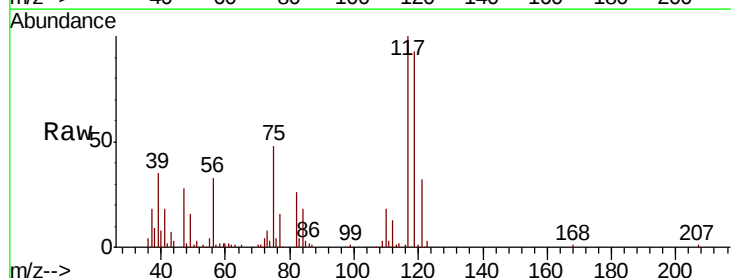
Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0515SBS01

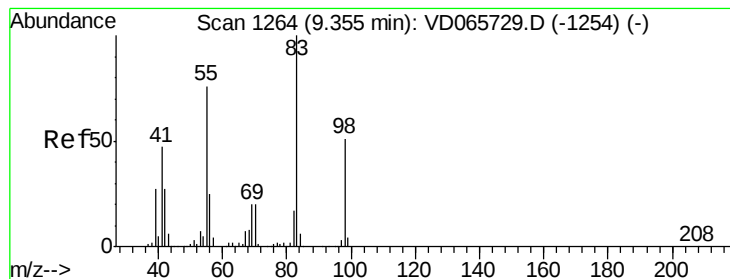
Tot Ion: 43 Resp: 37956  
Ion Ratio Lower Upper  
43 100  
61 11.7 9.8 14.6  
70 9.6 8.6 12.8



#38  
Carbon Tetrachloride  
Concen: 21.012 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Tgt Ion: 117 Resp: 92532  
Ion Ratio Lower Upper  
117 100  
119 92.8 75.6 113.4  
121 31.6 24.4 36.6





#39

Methvlcvclohexane

Concen: 19.677 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

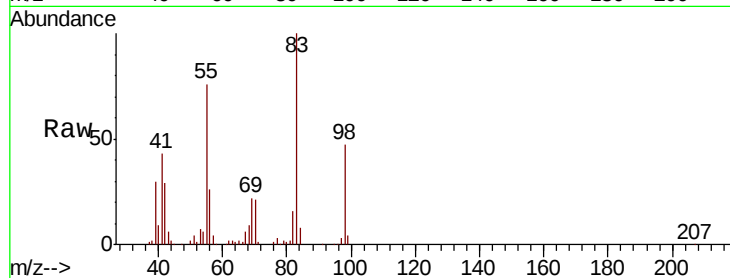
Tot Ion: 83 Resp: 104705

Ion Ratio Lower Upper

83 100

55 76.1 60.9 91.3

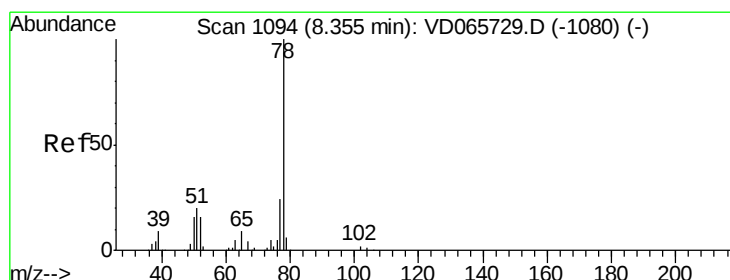
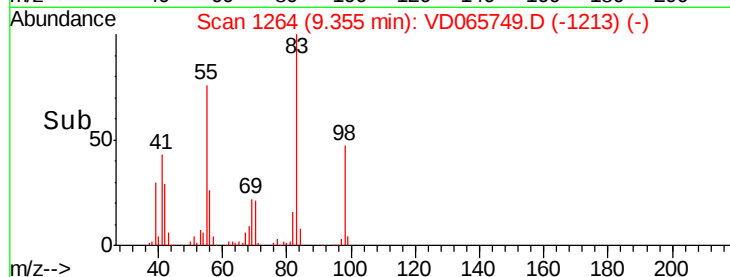
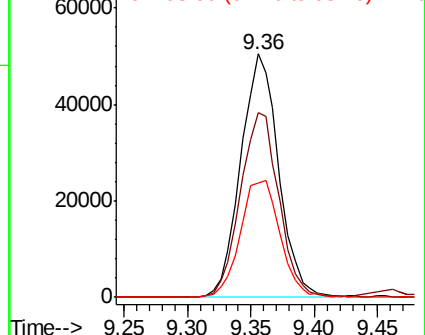
98 46.7 40.6 61.0



Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 21.249 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VD065749.D

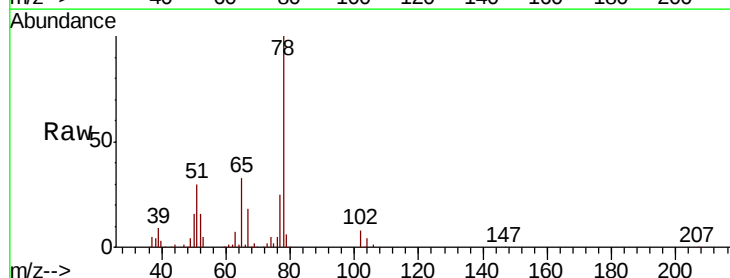
Acq: 15 May 2020 13:41

Tgt Ion: 78 Resp: 242614

Ion Ratio Lower Upper

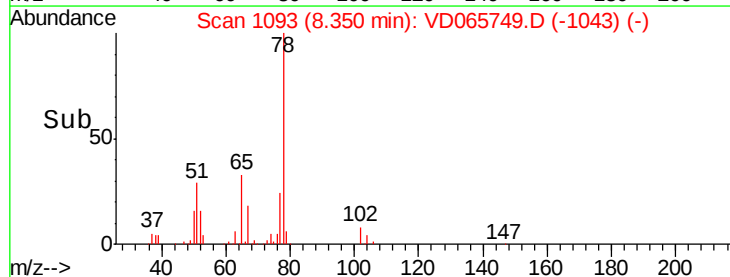
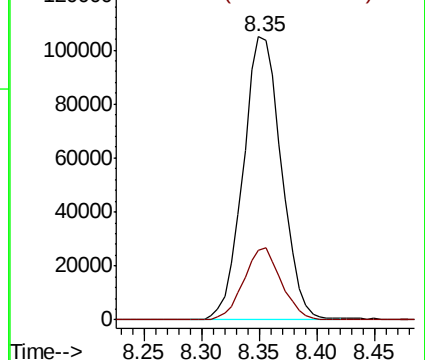
78 100

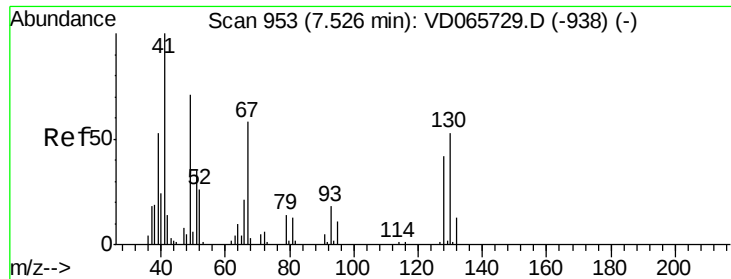
77 24.6 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC

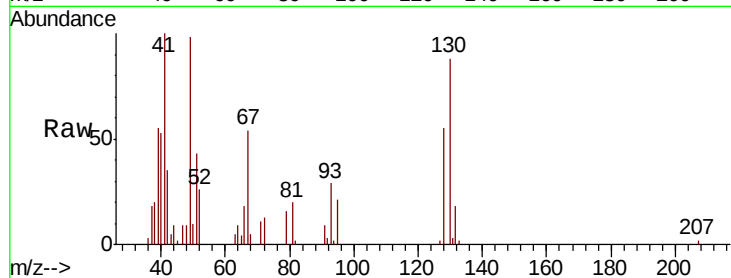




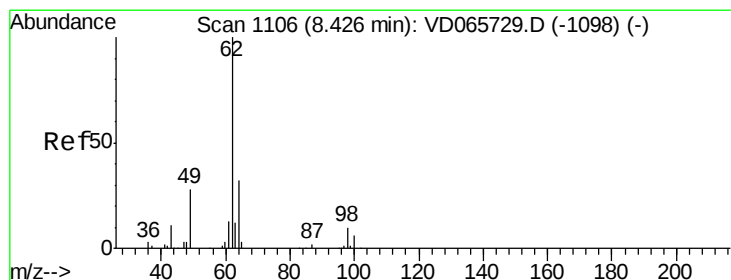
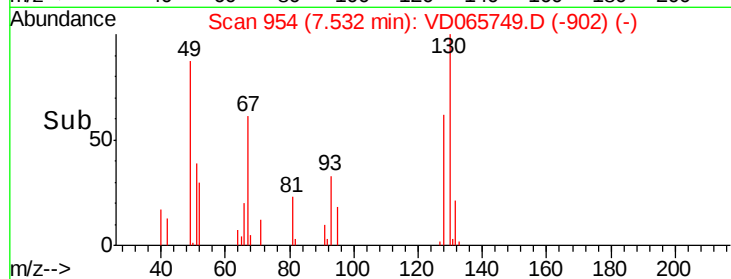
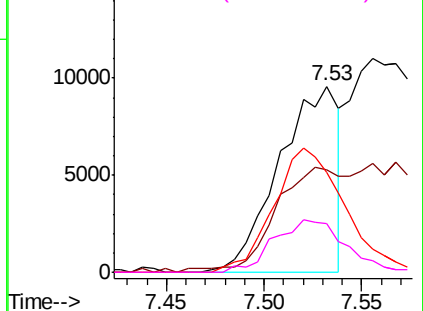
#41  
Methacrylonitrile  
Concen: 20.791 ug/l  
RT: 7.53 min Scan# 954  
Delta R.T. 0.01 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 20368 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.6  | 56.8  | 85.2  |
| 67       | 79.3  | 57.9  | 86.9  |
| 52       | 34.0  | 25.9  | 38.9  |

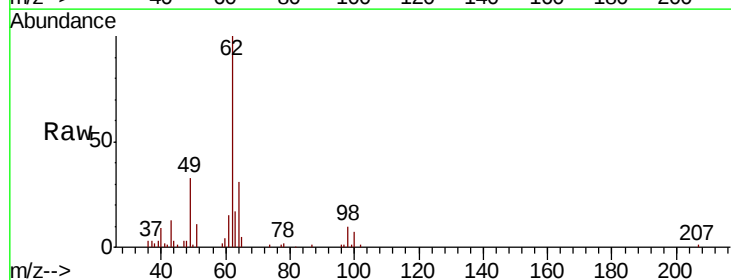


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

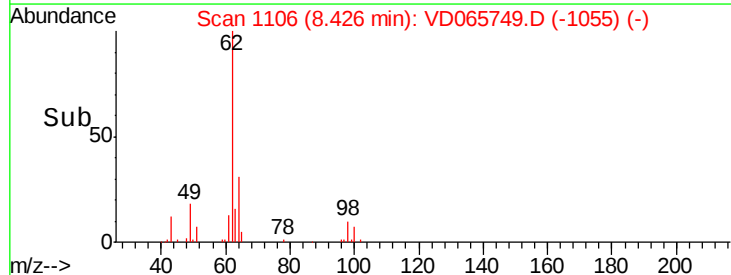
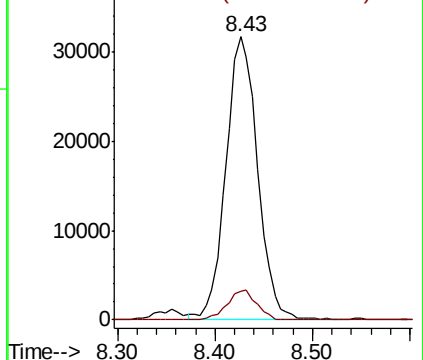


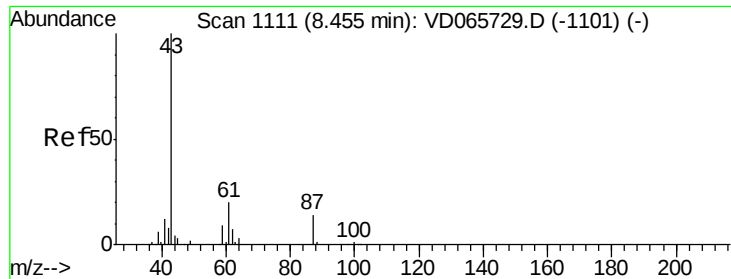
#42  
1,2-Dichloroethane  
Concen: 22.473 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 71443 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.6   | 0.0   | 19.6  |



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





#43

Isopropyl Acetate

Concen: 20.932 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

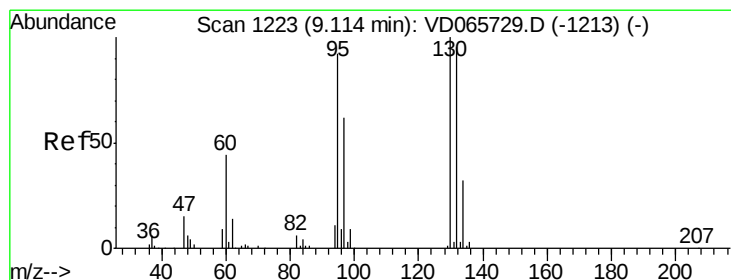
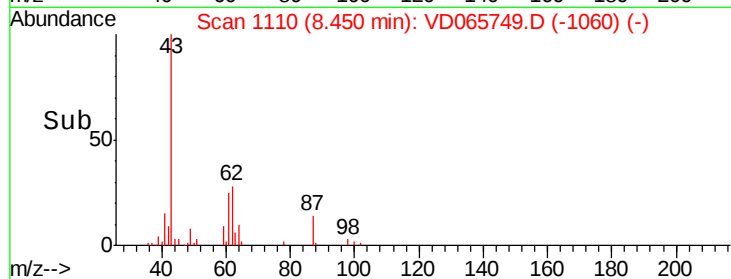
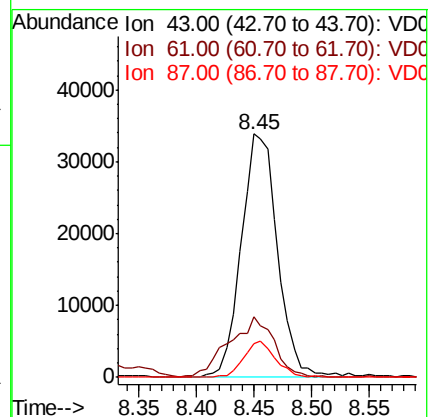
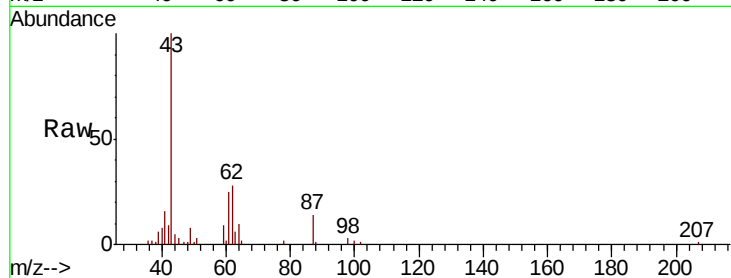
Tot Ion: 43 Resp: 73798

Ion Ratio Lower Upper

43 100

61 30.9 23.8 35.6

87 12.9 10.5 15.7



#44

Trichloroethene

Concen: 21.453 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065749.D

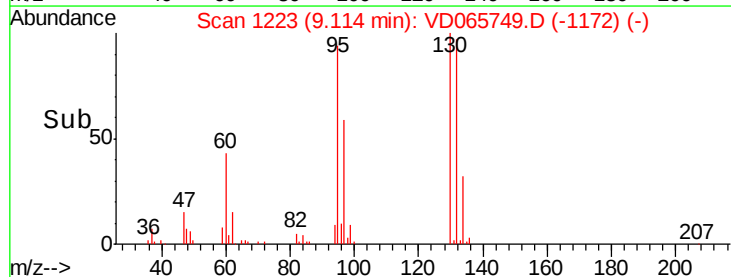
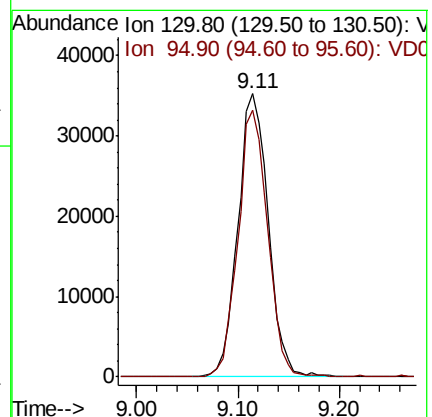
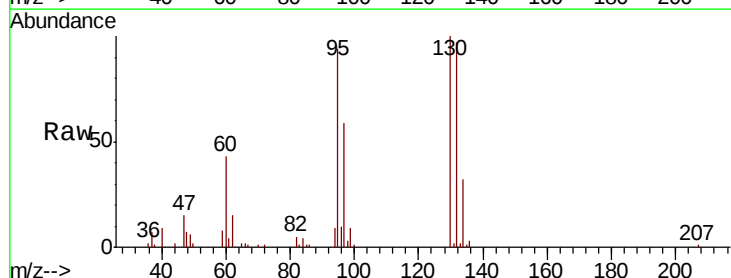
Acq: 15 May 2020 13:41

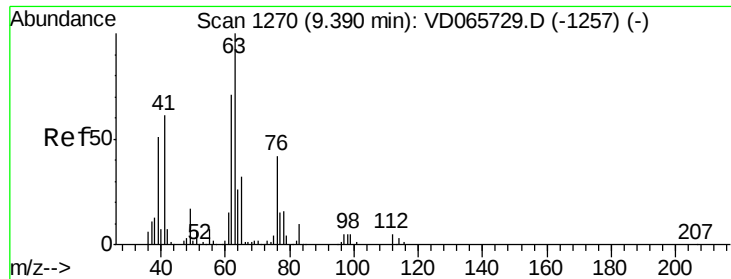
Tgt Ion: 130 Resp: 73327

Ion Ratio Lower Upper

130 100

95 94.3 0.0 183.6

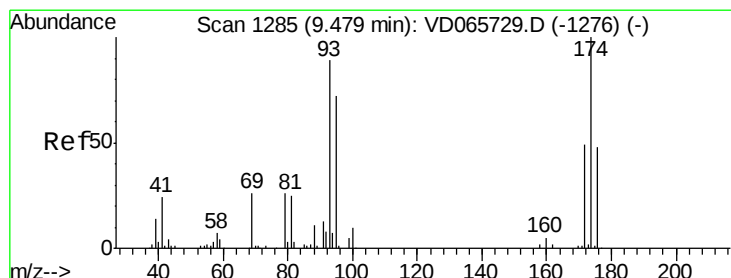
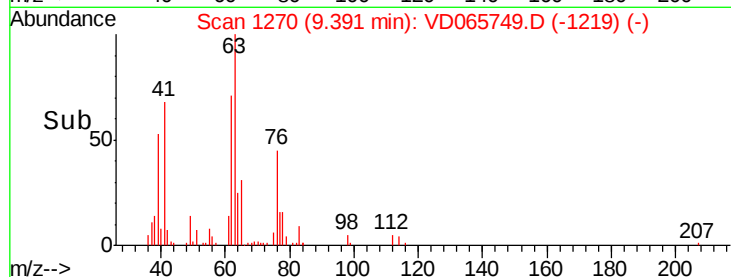
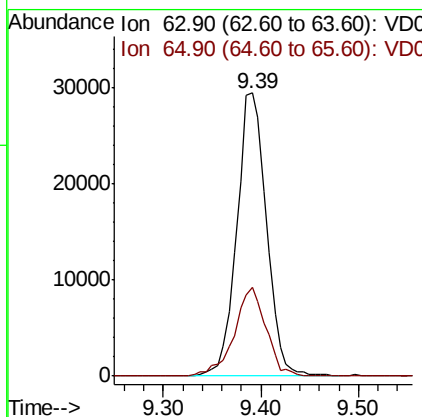
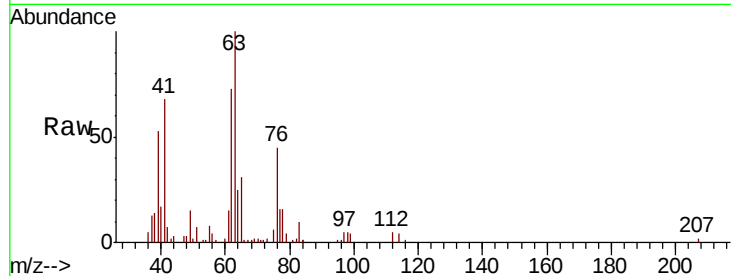




#45  
 1,2-Dichloropropane  
 Concen: 22.080 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

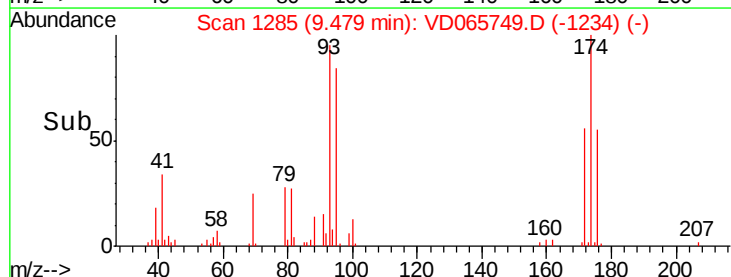
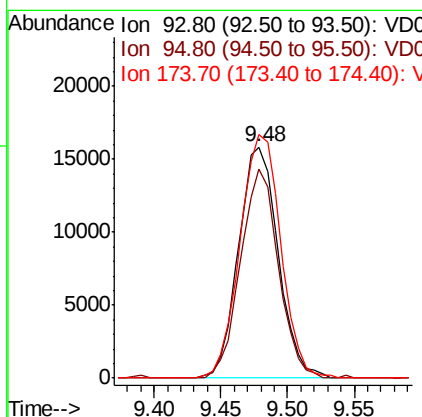
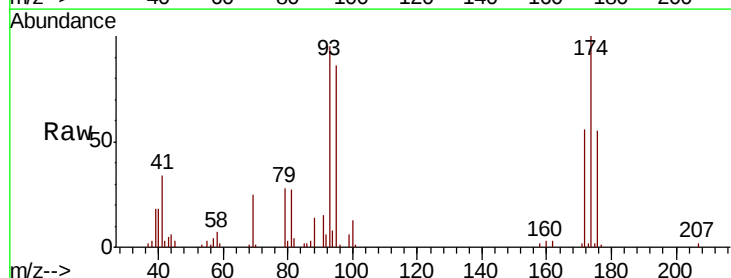
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBSD01

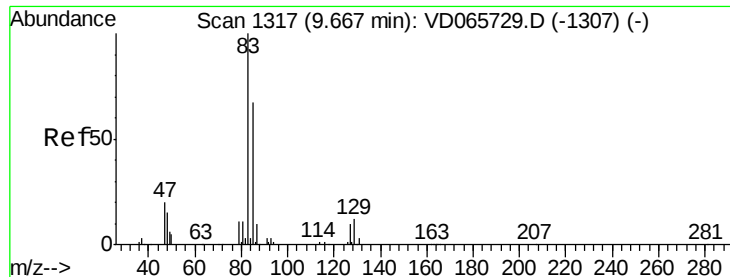
Tot Ion: 63 Resp: 62155  
 Ion Ratio Lower Upper  
 63 100  
 65 31.4 25.3 37.9



#46  
 Dibromomethane  
 Concen: 21.441 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Tgt Ion: 93 Resp: 32546  
 Ion Ratio Lower Upper  
 93 100  
 95 86.0 65.4 98.2  
 174 108.6 89.9 134.9





#47

Bromodichloromethane

Concen: 22.033 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

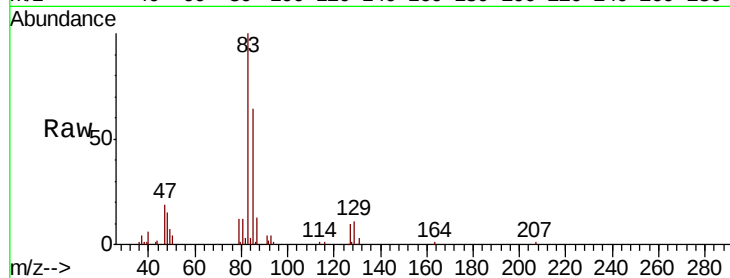
Tot Ion: 83 Resp: 87541

Ion Ratio Lower Upper

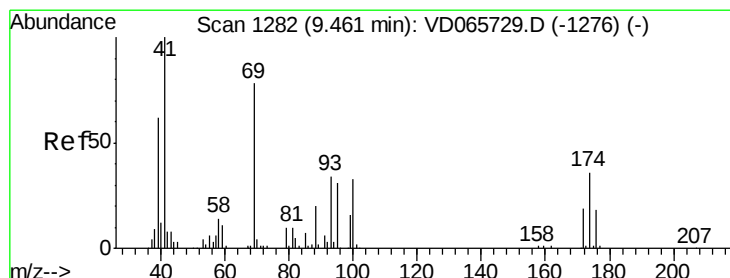
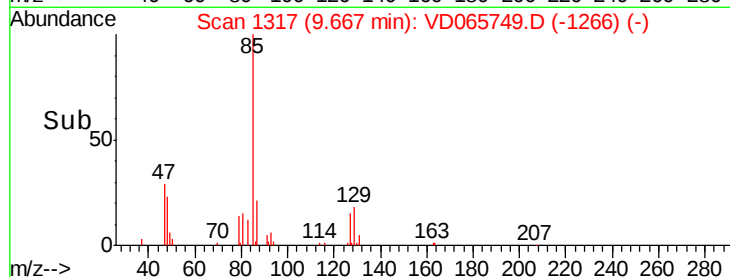
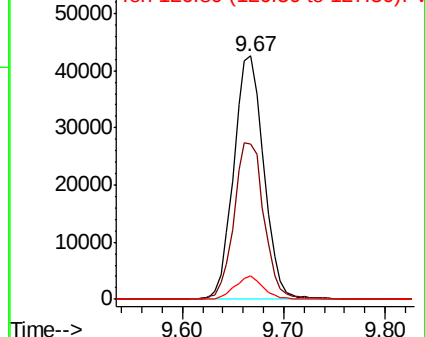
83 100

85 63.6 53.6 80.4

127 9.5 7.7 11.5



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: 20.773 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

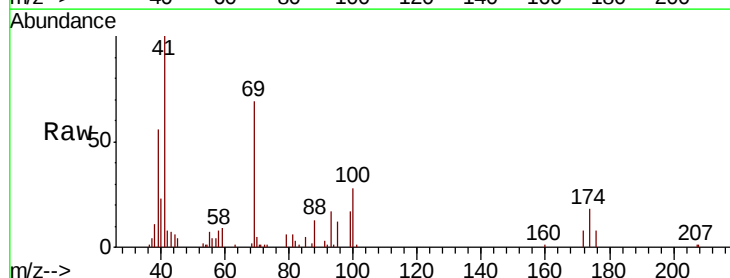
Tgt Ion: 41 Resp: 34378

Ion Ratio Lower Upper

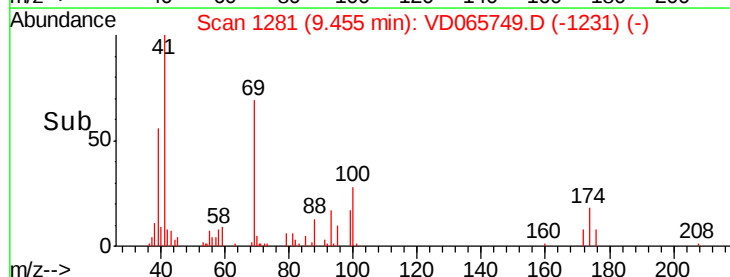
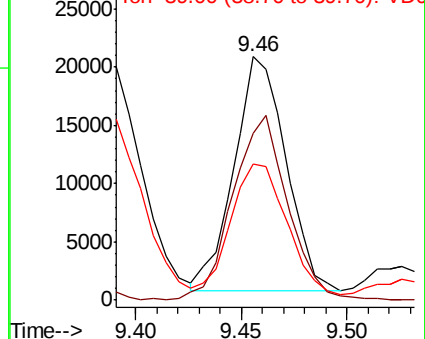
41 100

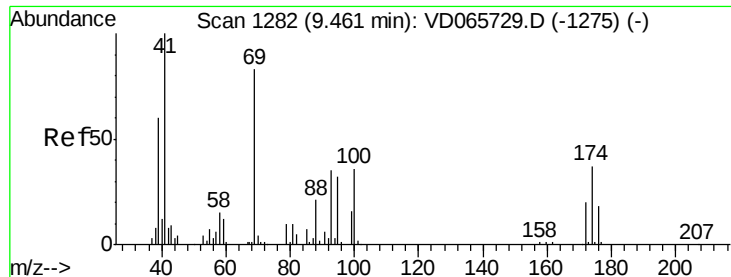
69 83.5 64.4 96.6

39 59.5 46.7 70.1



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

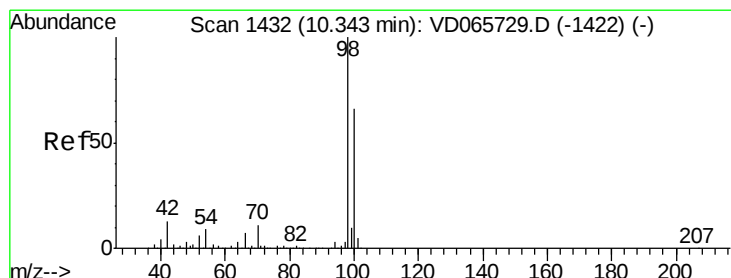
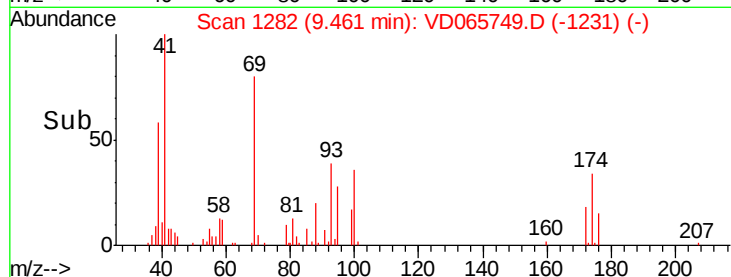
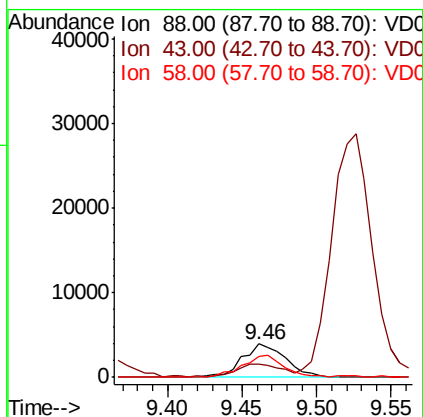
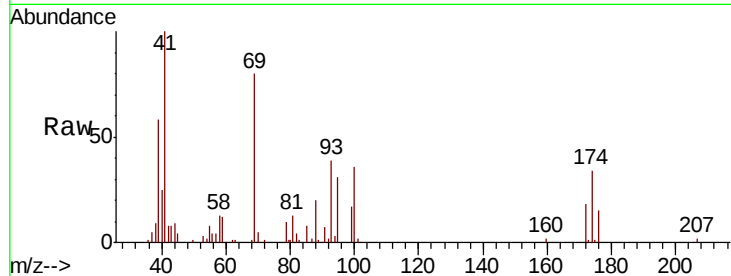




#49  
 1,4-Dioxane  
 Concen: 438.639 ug/l  
 RT: 9.46 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

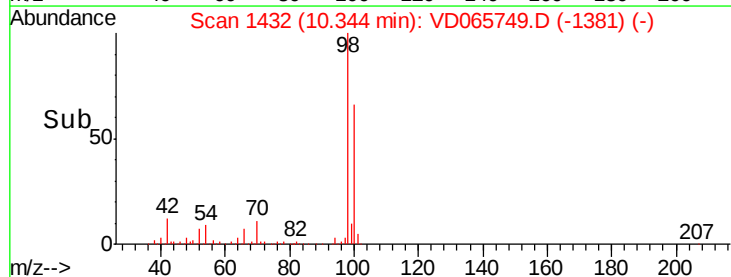
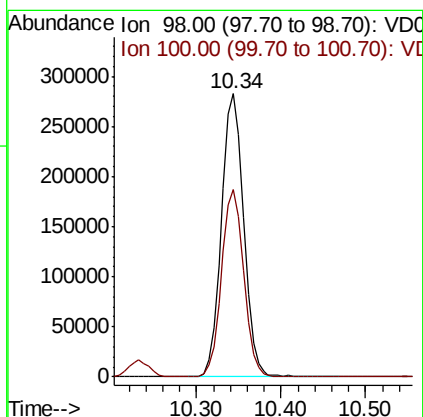
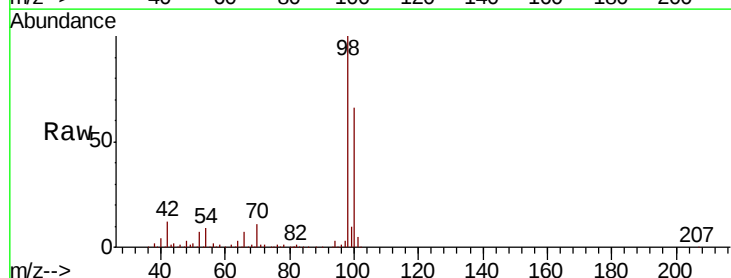
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBSD01

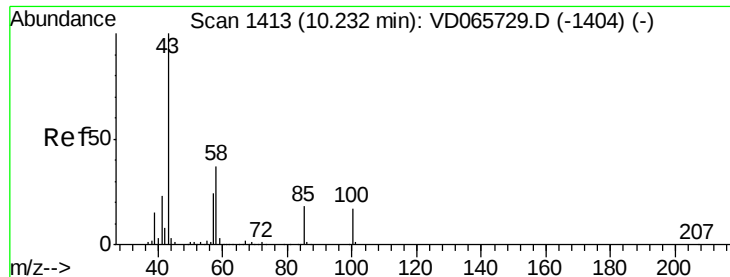
Tot Ion: 88 Resp: 7856  
 Ion Ratio Lower Upper  
 88 100  
 43 43.6 29.4 44.0  
 58 63.6 55.1 82.7



#50  
 Toluene-d8  
 Concen: 50.144 ug/l  
 RT: 10.34 min Scan# 1432  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Tgt Ion: 98 Resp: 517081  
 Ion Ratio Lower Upper  
 98 100  
 100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 107.984 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

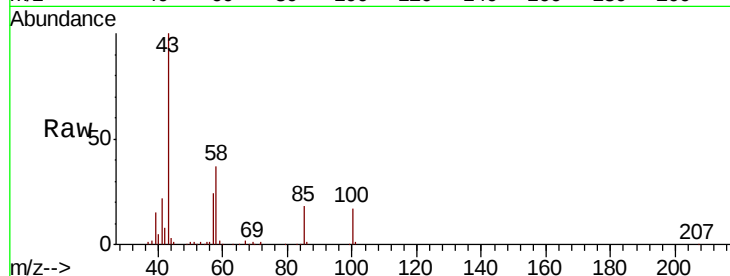
VD0515SBS01

Tot Ion: 43 Resp: 182188

Ion Ratio Lower Upper

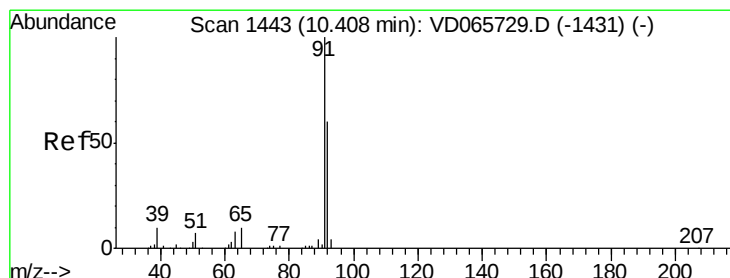
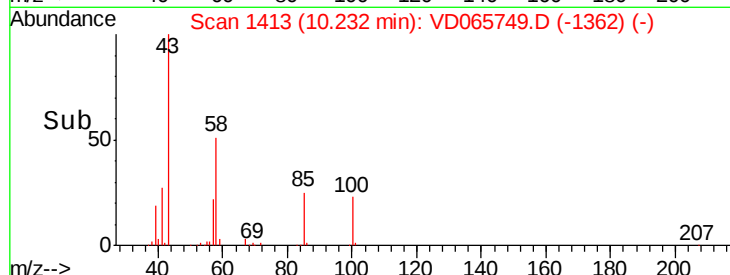
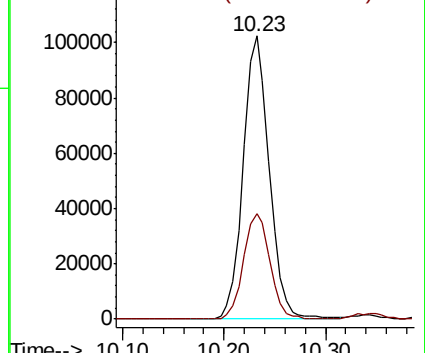
43 100

58 38.0 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.885 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065749.D

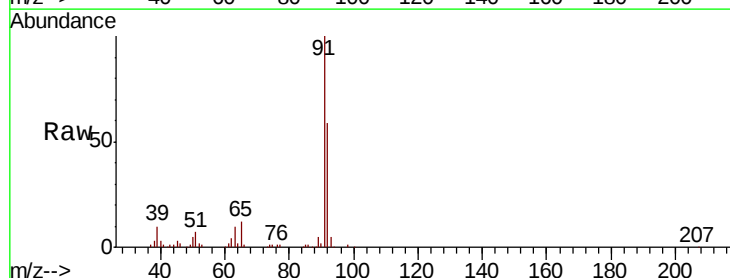
Acq: 15 May 2020 13:41

Tgt Ion: 92 Resp: 156219

Ion Ratio Lower Upper

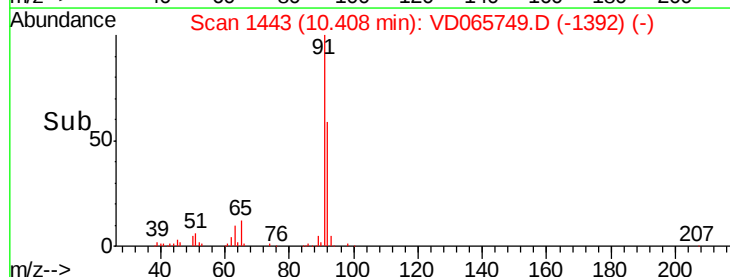
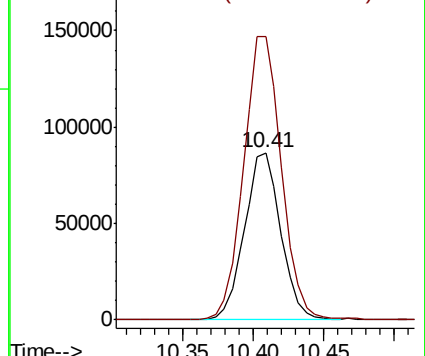
92 100

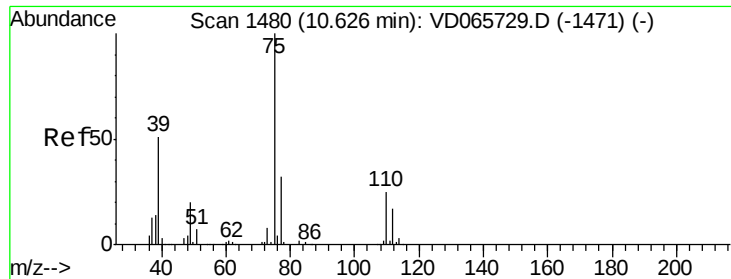
91 176.7 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 21.622 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

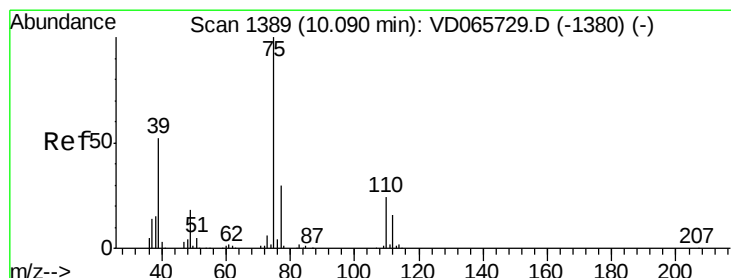
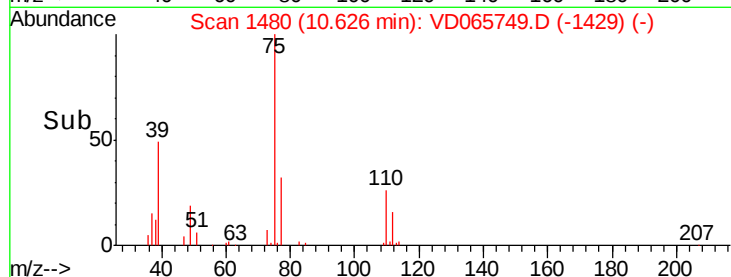
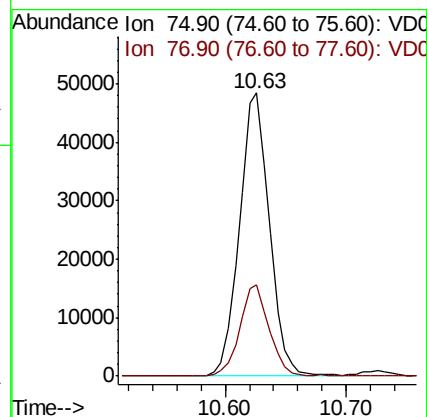
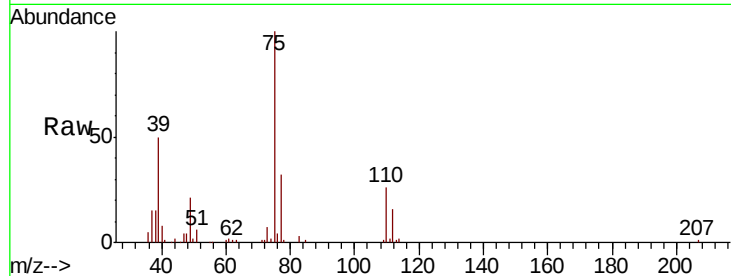
VD0515SBS01

Tot Ion: 75 Resp: 83925

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 21.597 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

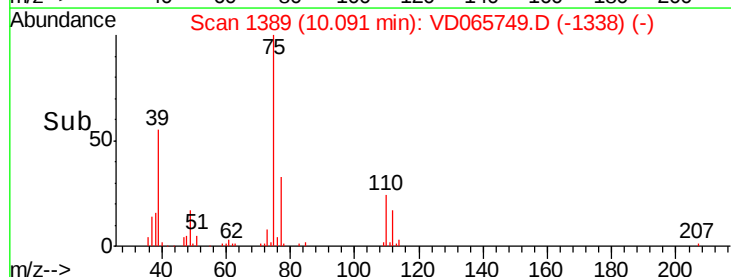
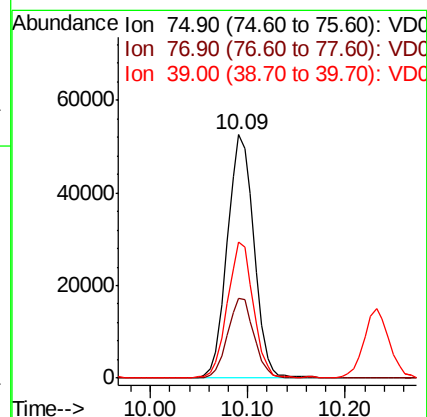
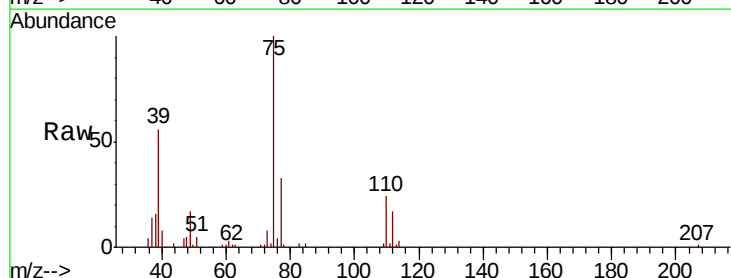
Tgt Ion: 75 Resp: 99710

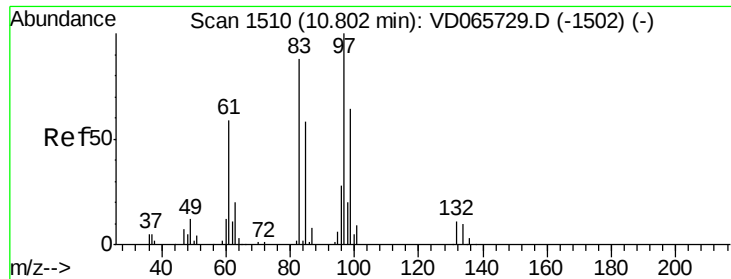
Ion Ratio Lower Upper

75 100

77 32.6 23.8 35.6

39 55.7 41.9 62.9

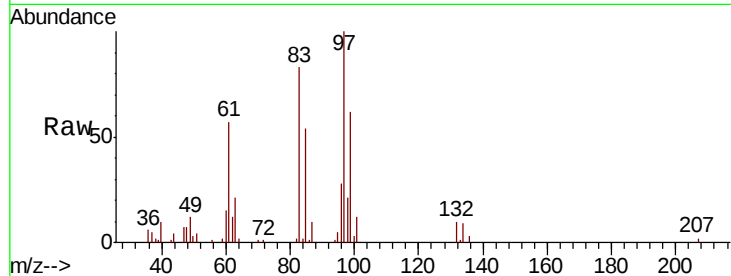




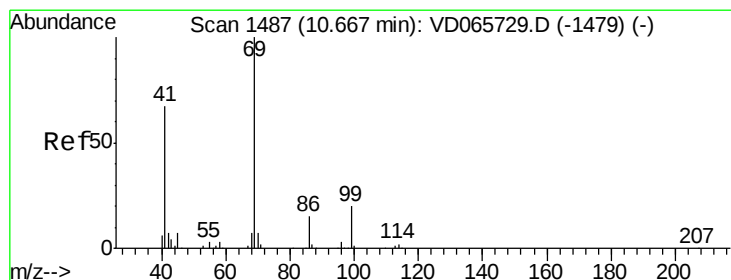
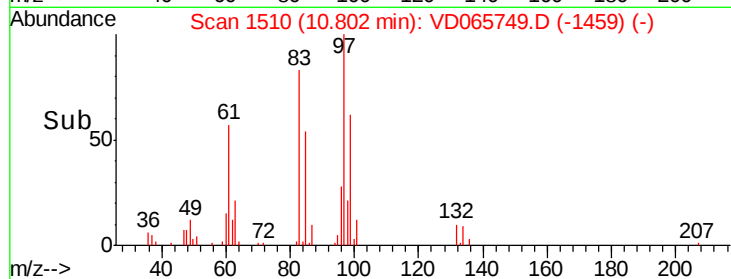
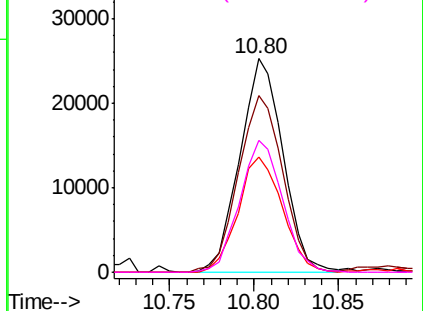
#55  
 1,1,2-Trichloroethane  
 Concen: 21.764 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 45005 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.0  | 70.7  | 106.1 |
| 85       | 53.7  | 46.8  | 70.2  |
| 99       | 61.6  | 50.9  | 76.3  |

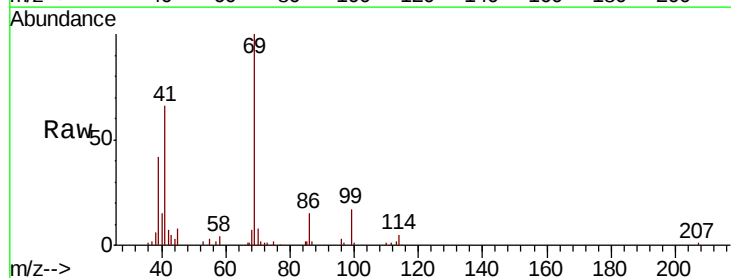


Abundance Ion 96.90 (96.60 to 97.60): VDC  
 Ion 82.90 (82.60 to 83.60): VDC  
 Ion 84.90 (84.60 to 85.60): VDC  
 Ion 98.90 (98.60 to 99.60): VDC

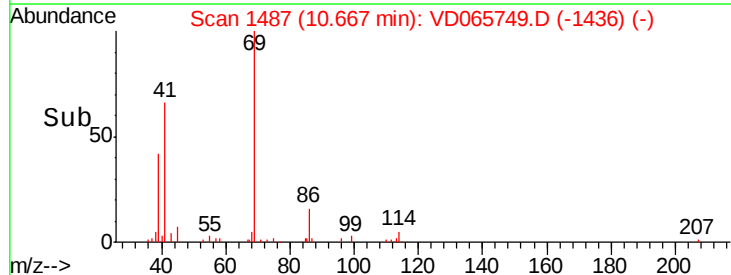
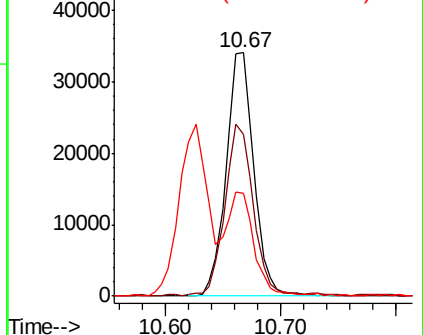


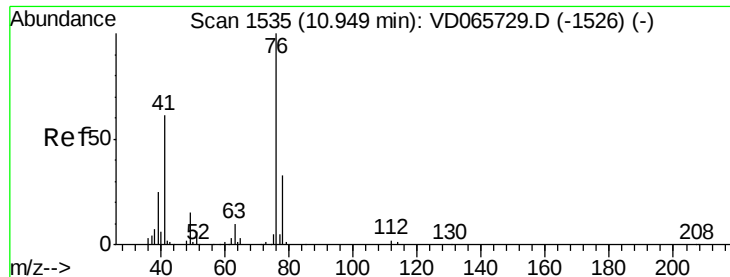
#56  
 Ethyl methacrylate  
 Concen: 20.992 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 56575 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 72.2  | 55.7  | 83.5  |
| 39       | 39.3  | 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: 21.882 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

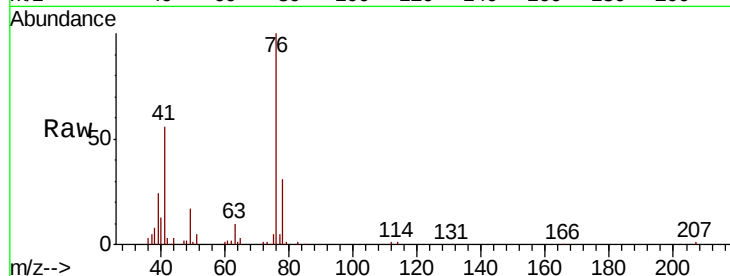
VD0515SBS01

Tot Ion: 76 Resp: 78700

Ion Ratio Lower Upper

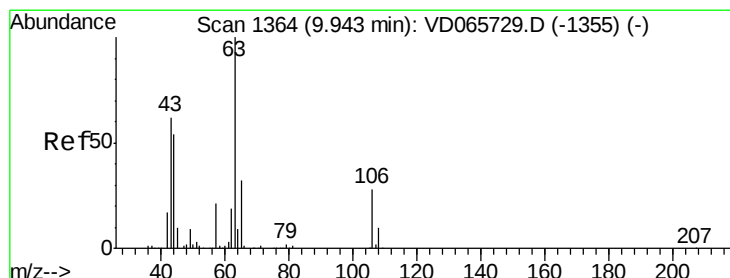
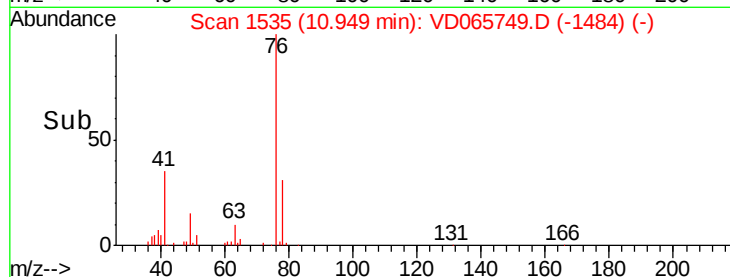
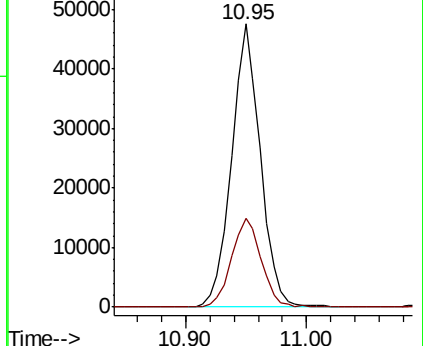
76 100

78 32.3 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 104.873 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065749.D

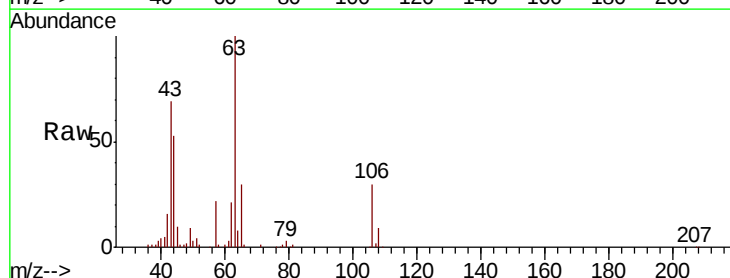
Acq: 15 May 2020 13:41

Tgt Ion: 63 Resp: 131497

Ion Ratio Lower Upper

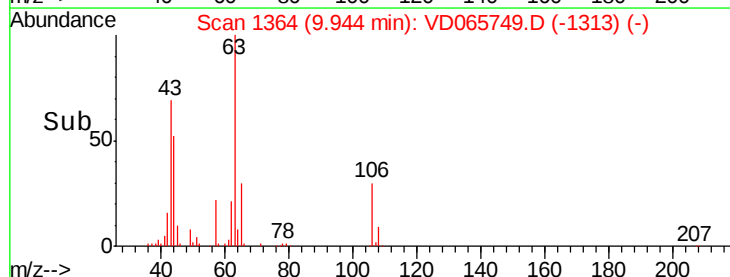
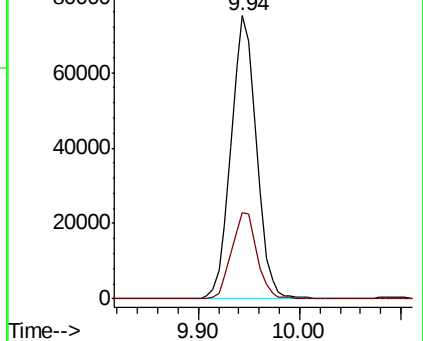
63 100

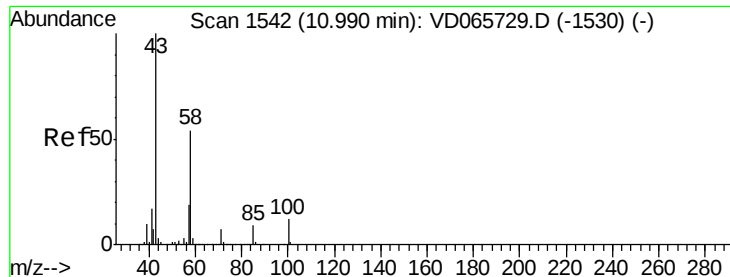
106 30.5 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

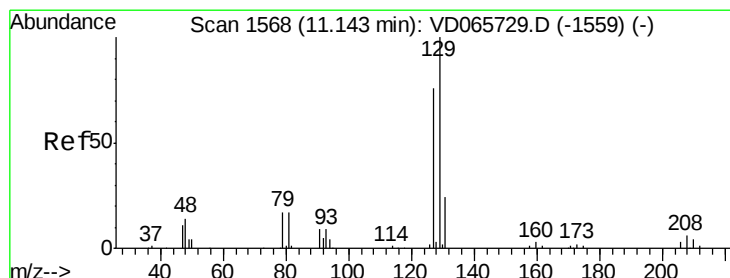
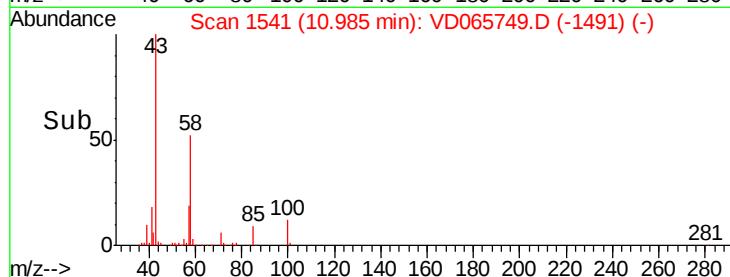
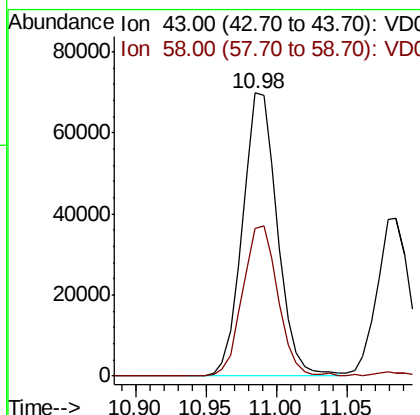
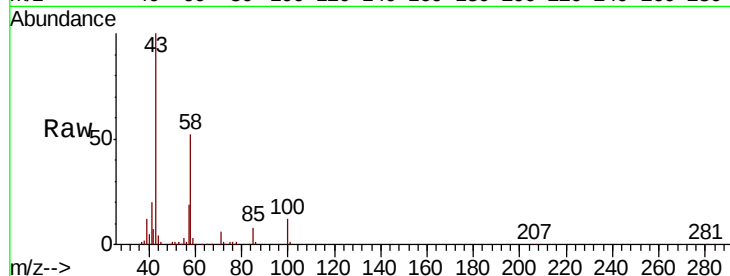




#59  
2-Hexanone  
Concen: 105.305 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.01 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

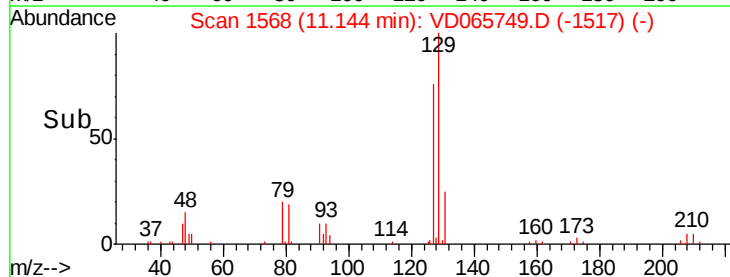
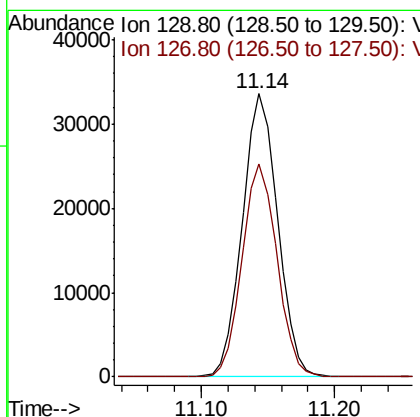
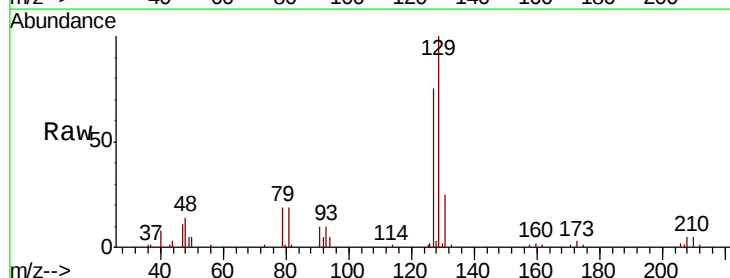
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBS01

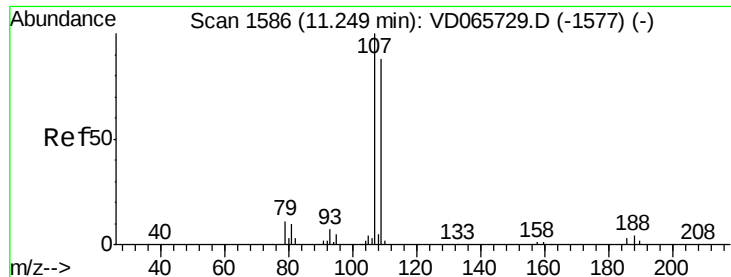
Tot Ion: 43 Resp: 120987  
Ion Ratio Lower Upper  
43 100  
58 53.8 26.7 80.1



#60  
Dibromochloromethane  
Concen: 22.183 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Tgt Ion: 129 Resp: 61426  
Ion Ratio Lower Upper  
129 100  
127 74.4 38.3 114.9

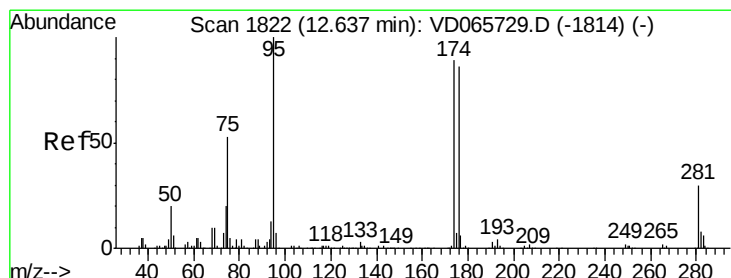
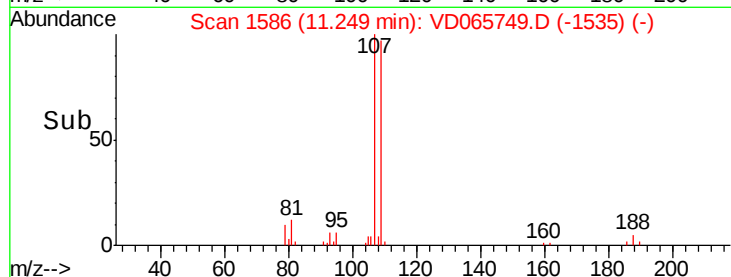
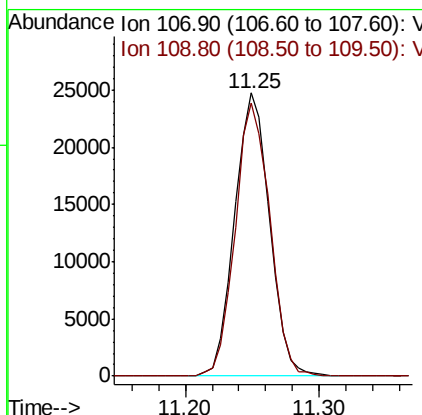
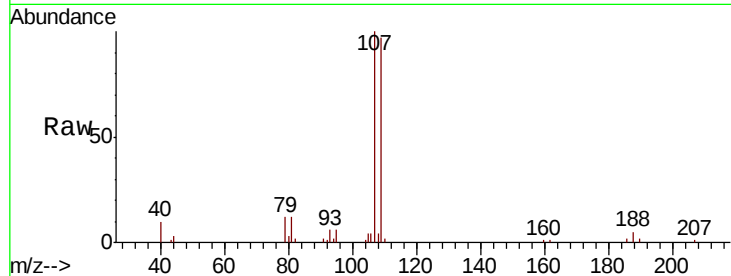




#61  
 1,2-Dibromoethane  
 Concen: 21.693 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

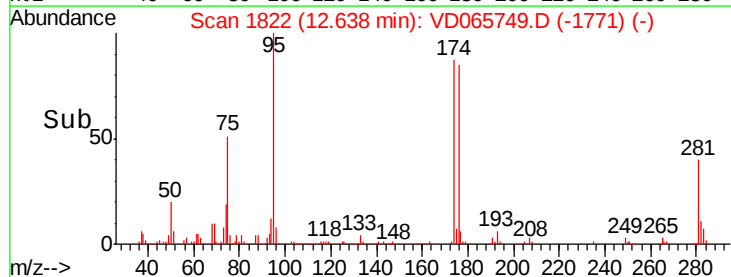
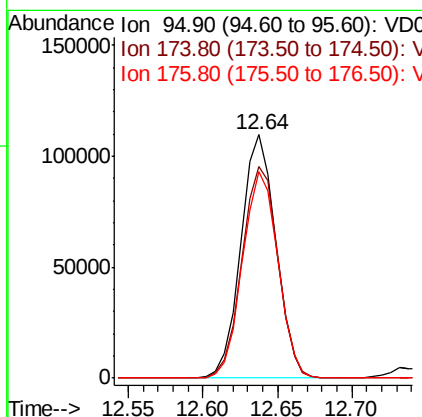
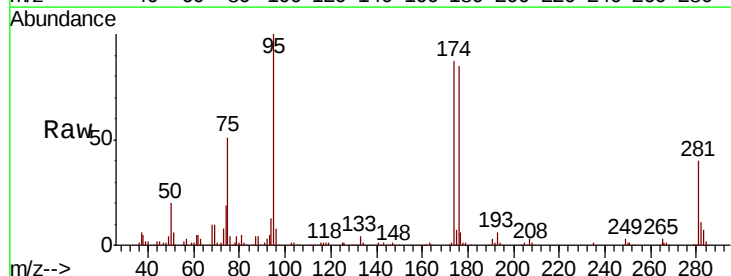
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBS01

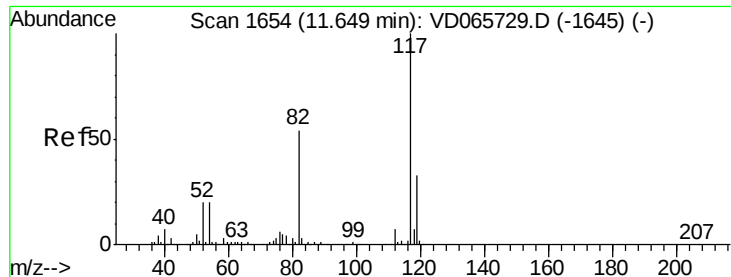
Tot Ion:107 Resp: 44802  
 Ion Ratio Lower Upper  
 107 100  
 109 95.8 74.4 111.6



#62  
 4-Bromofluorobenzene  
 Concen: 50.876 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Tgt Ion: 95 Resp: 177673  
 Ion Ratio Lower Upper  
 95 100  
 174 89.6 0.0 179.4  
 176 85.9 0.0 174.0

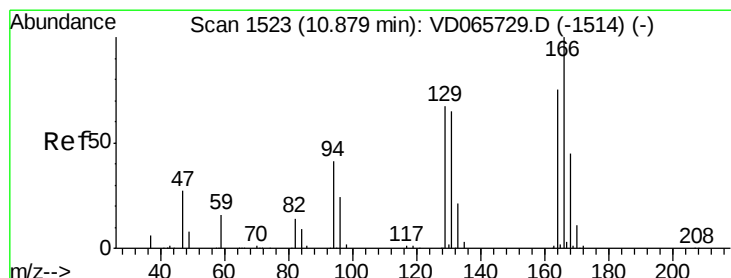
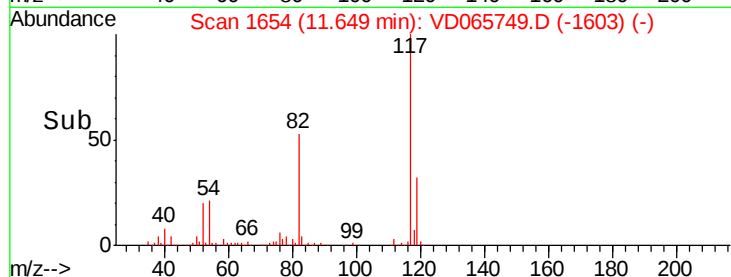
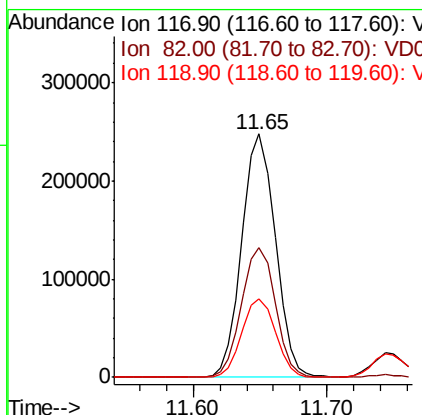
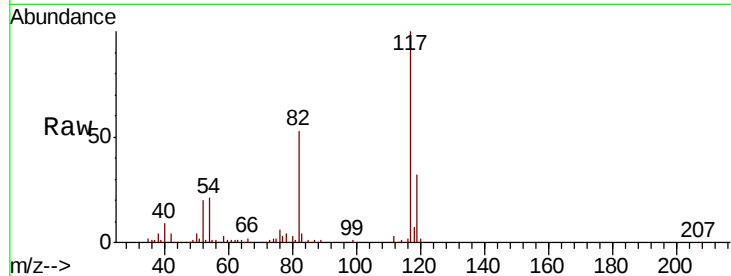




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

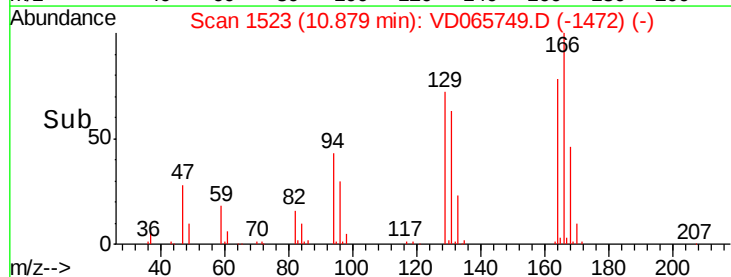
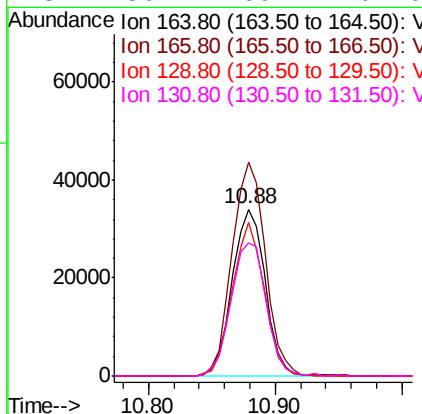
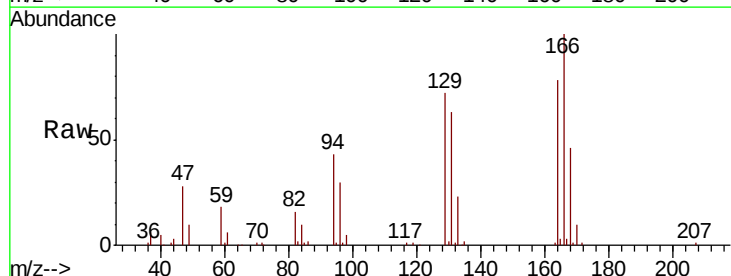
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBSD01

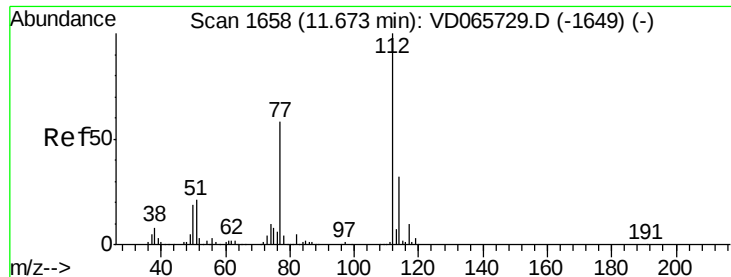
Tot Ion:117 Resp: 433051  
Ion Ratio Lower Upper  
117 100  
82 53.0 43.0 64.6  
119 32.0 26.6 40.0



#64  
Tetrachloroethene  
Concen: 20.416 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Tgt Ion:164 Resp: 61134  
Ion Ratio Lower Upper  
164 100  
166 128.3 106.6 159.8  
129 92.3 71.4 107.2  
131 80.2 69.4 104.0





#65

Chlorobenzene

Concen: 20.826 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

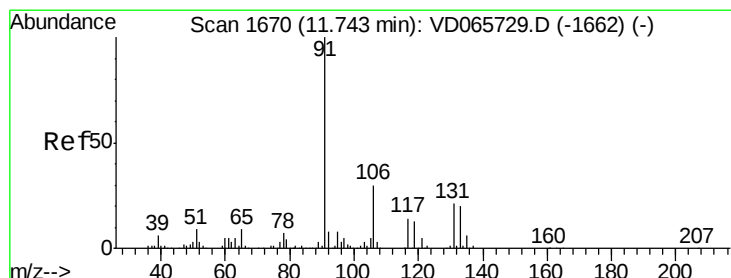
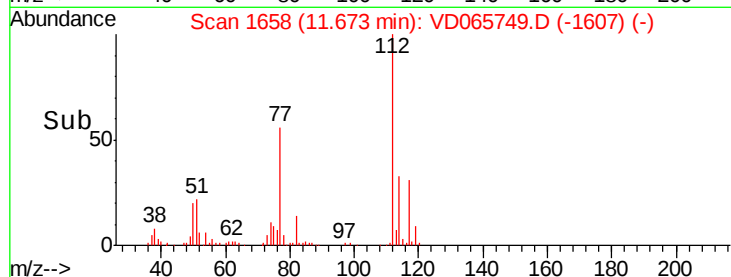
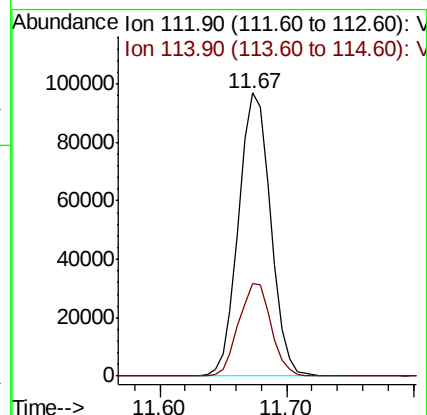
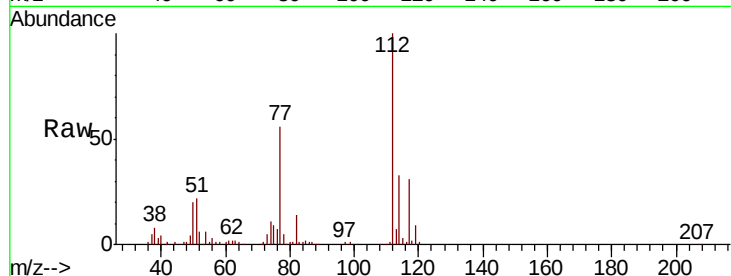
VD0515SBS01

Tot Ion:112 Resp: 169952

Ion Ratio Lower Upper

112 100

114 32.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.902 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

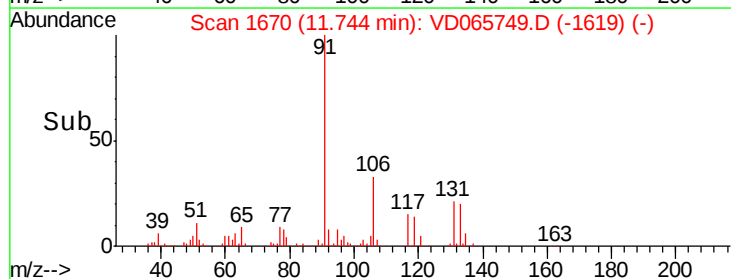
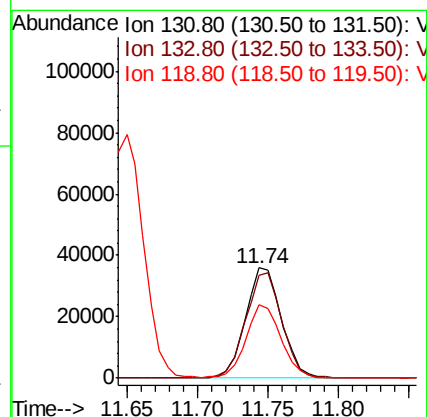
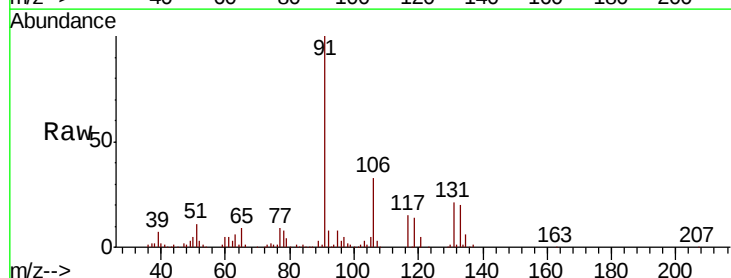
Tgt Ion:131 Resp: 63859

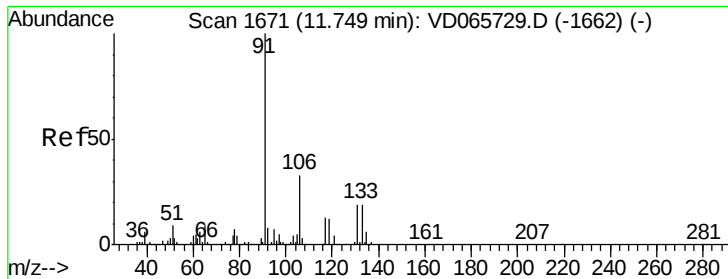
Ion Ratio Lower Upper

131 100

133 97.0 47.6 142.8

119 65.1 31.6 95.0





#67

Ethyl Benzene

Concen: 21.147 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

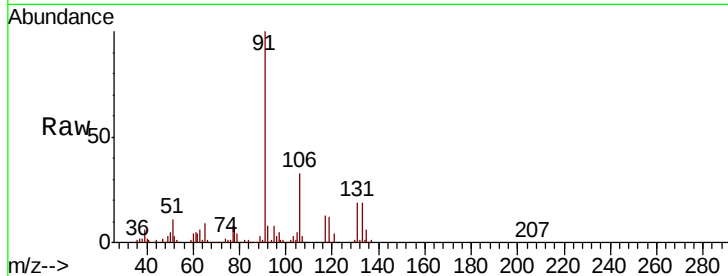
VD0515SBS01

Tot Ion: 91 Resp: 307694

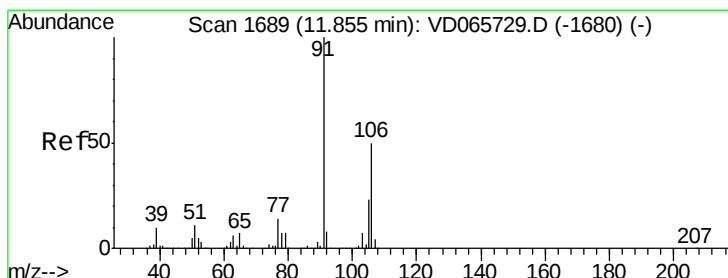
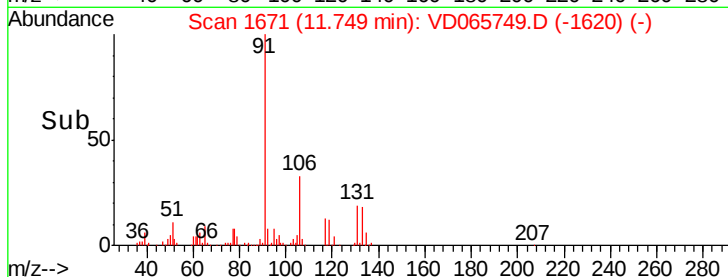
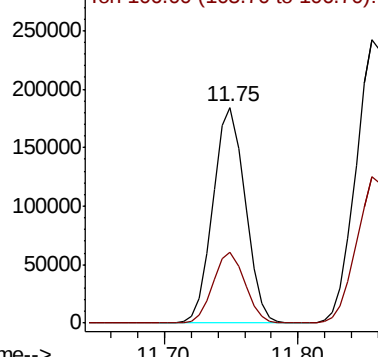
Ion Ratio Lower Upper

91 100

106 32.8 26.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 42.483 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065749.D

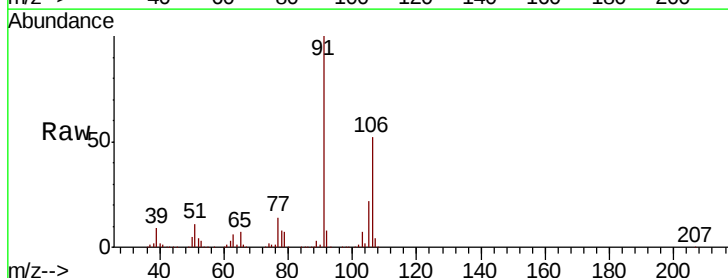
Acq: 15 May 2020 13:41

Tgt Ion: 106 Resp: 236096

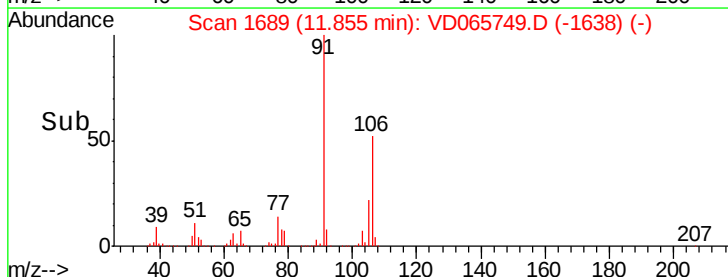
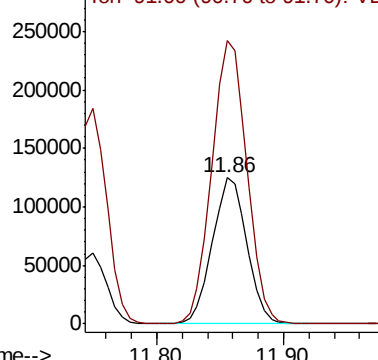
Ion Ratio Lower Upper

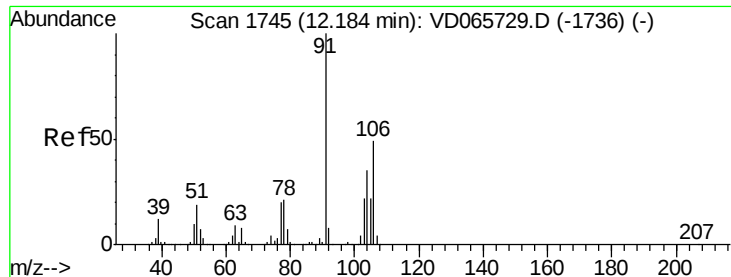
106 100

91 197.0 158.7 238.1



Abundance Ion 106.00 (105.70 to 106.70): V

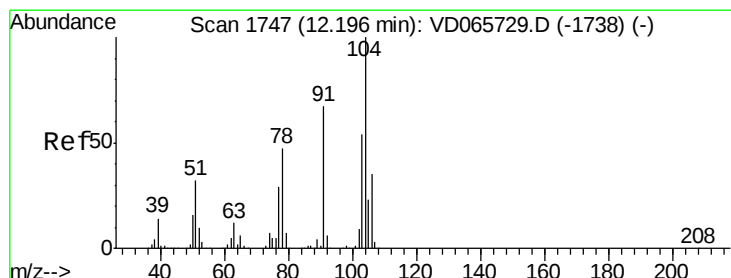
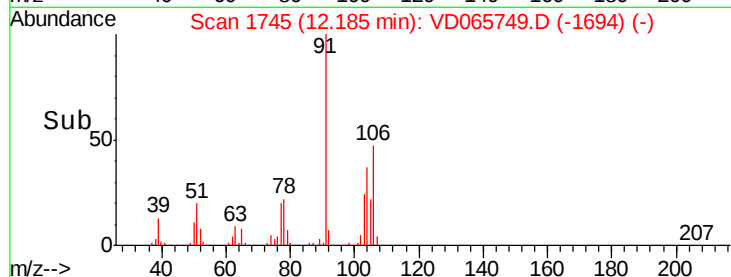
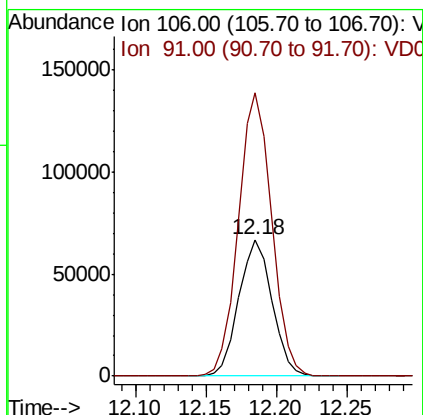
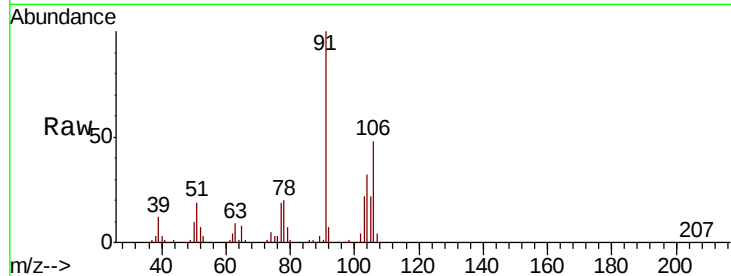




#69  
o-Xylene  
Concen: 21.431 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

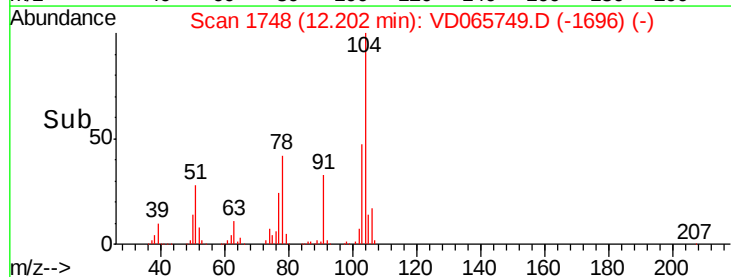
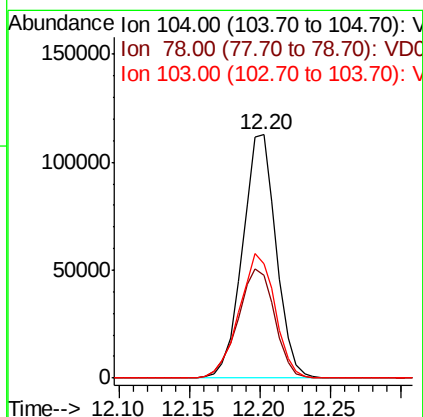
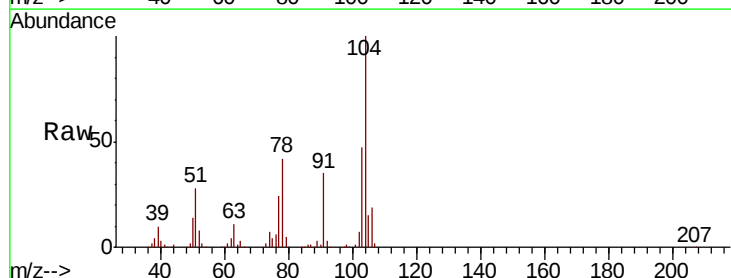
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBSD01

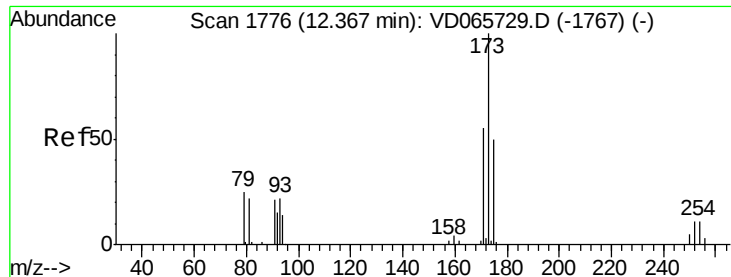
Tot Ion:106 Resp: 110871  
Ion Ratio Lower Upper  
106 100  
91 206.3 101.8 305.4



#70  
Styrene  
Concen: 21.321 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. 0.01 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Tgt Ion:104 Resp: 188240  
Ion Ratio Lower Upper  
104 100  
78 49.1 39.0 58.6  
103 54.7 44.0 66.0

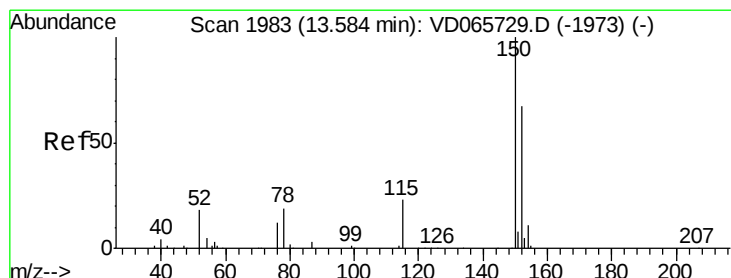
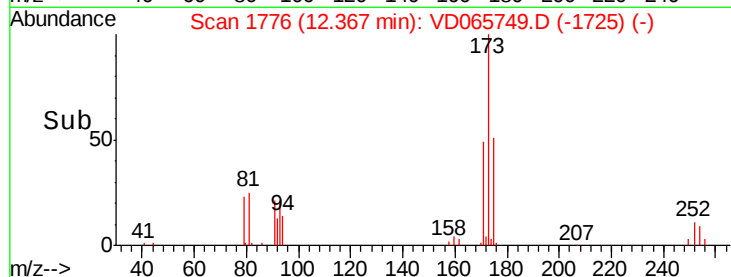
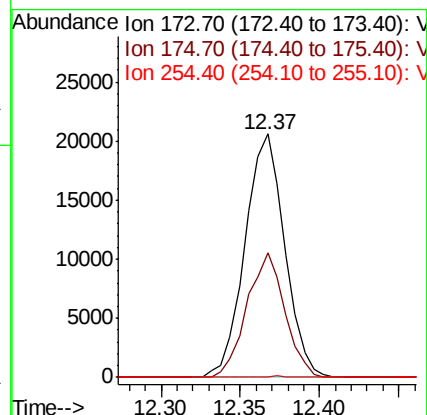
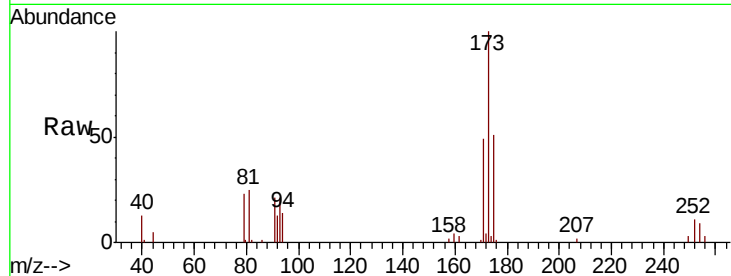




#71  
Bromoform  
Concen: 21.176 ug/l  
RT: 12.37 min Scan# 1776  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

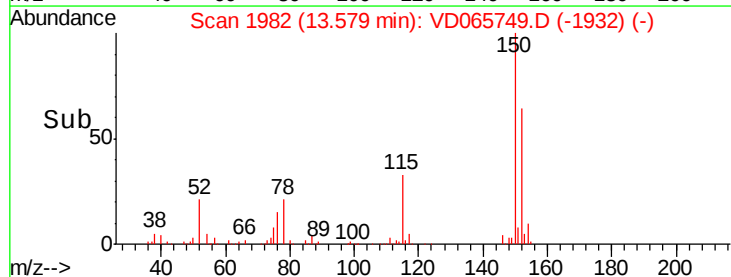
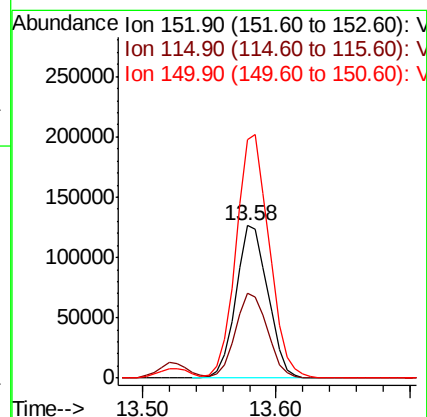
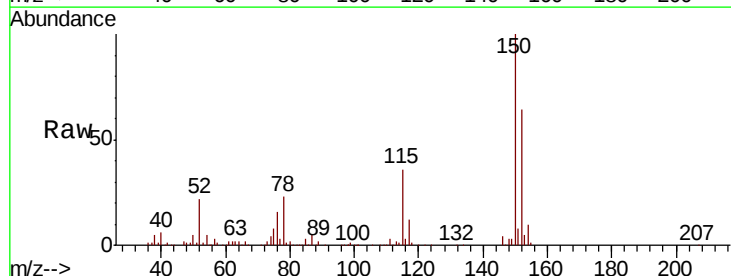
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBSD01

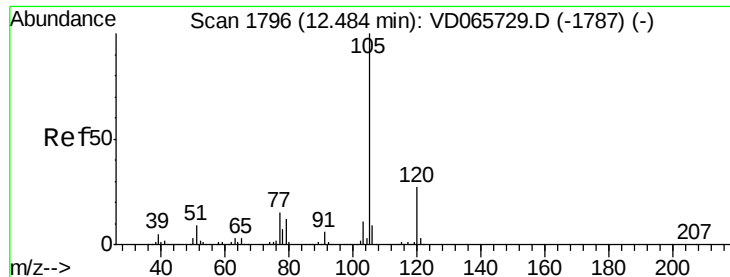
Tot Ion:173 Resp: 35708  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.6 73.6  
254 0.2 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Tgt Ion:152 Resp: 209986  
Ion Ratio Lower Upper  
152 100  
115 56.3 28.1 84.3  
150 165.7 0.0 343.2





#73

Isopropylbenzene

Concen: 20.924 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

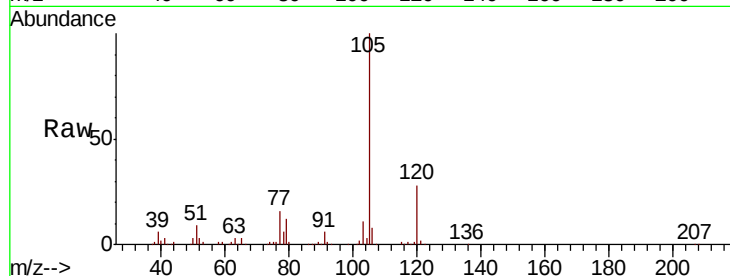
VD0515SBS01

Tot Ion:105 Resp: 294972

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

200000

150000

100000

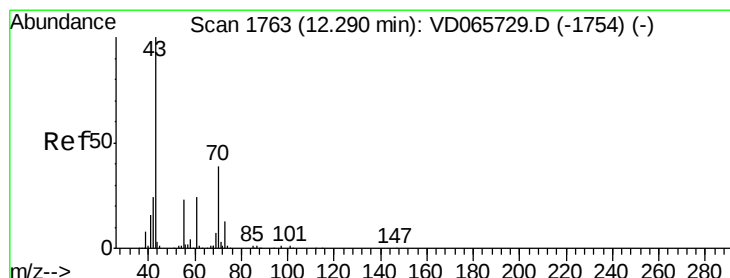
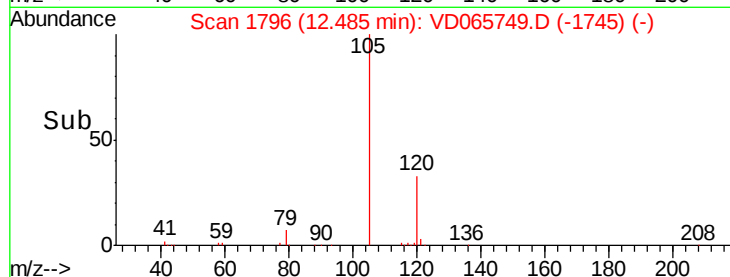
50000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 21.076 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Tgt Ion: 43 Resp: 68982

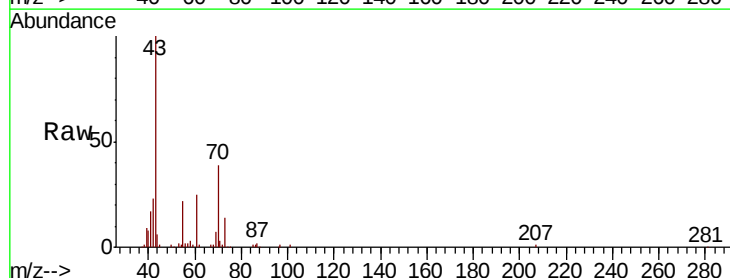
Ion Ratio Lower Upper

43 100

70 39.5 31.8 47.6

55 23.4 17.9 26.9

61 23.2 19.0 28.6



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

60000

40000

20000

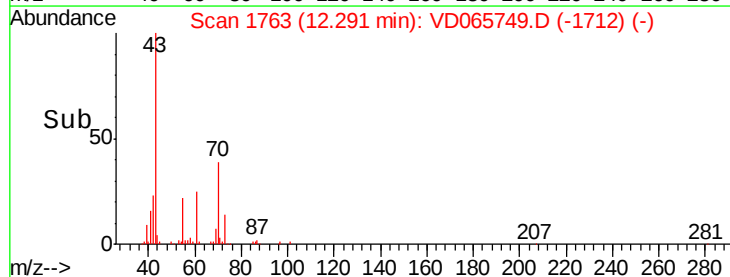
0

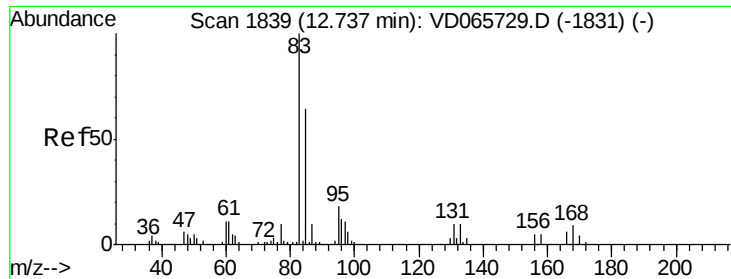
Time-->

12.20

12.30

12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 21.586 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

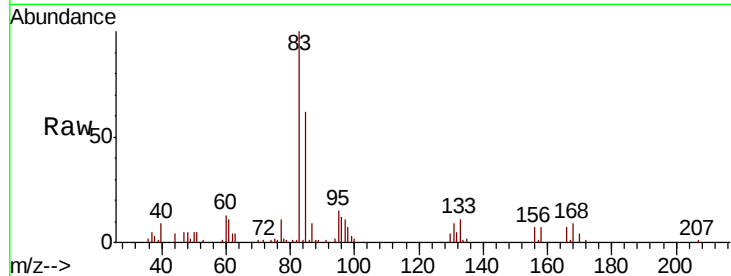
Tot Ion: 83 Resp: 48164

Ion Ratio Lower Upper

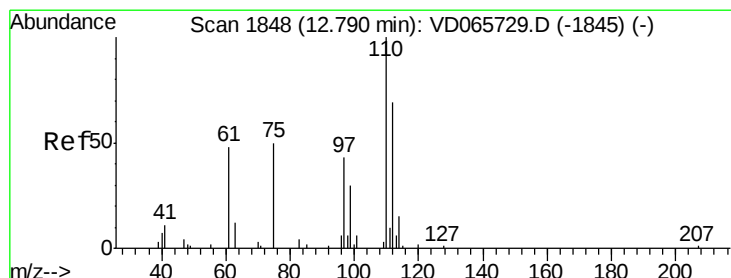
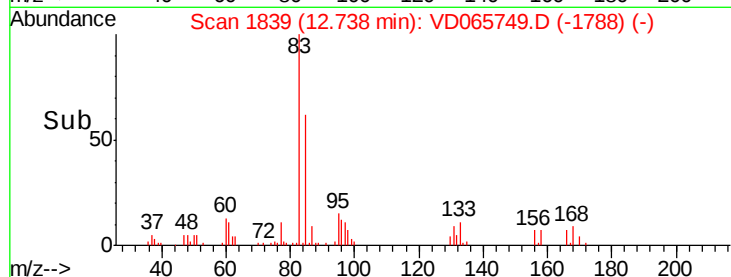
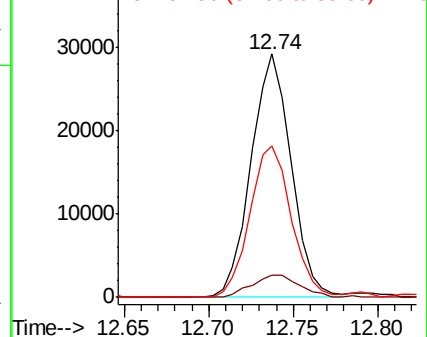
83 100

131 10.8 5.9 17.6

85 64.4 32.5 97.4



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: 23.556 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065749.D

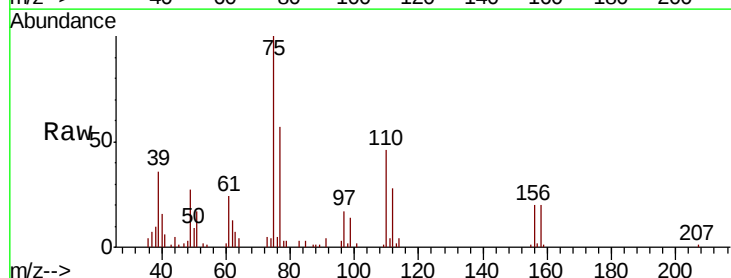
Acq: 15 May 2020 13:41

Tgt Ion: 75 Resp: 36915

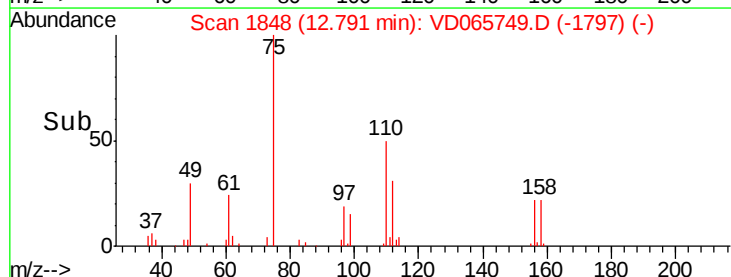
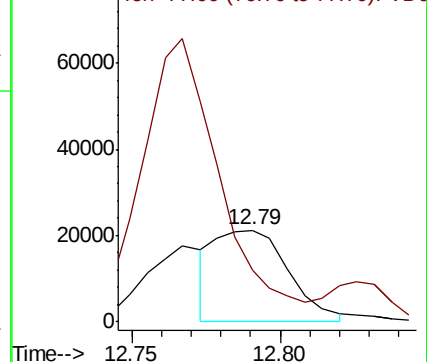
Ion Ratio Lower Upper

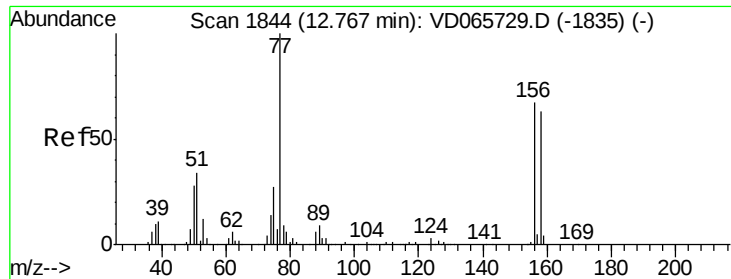
75 100

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: 22.110 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

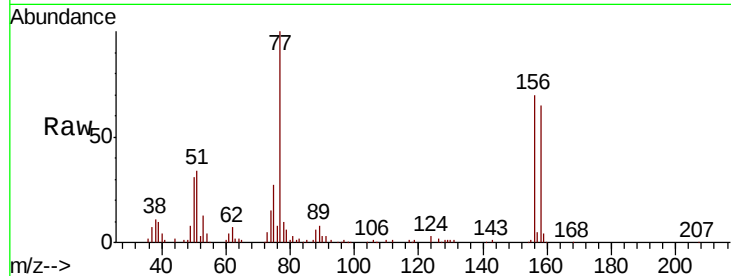
Tot Ion:156 Resp: 75127

Ion Ratio Lower Upper

156 100

77 161.8 84.9 254.6

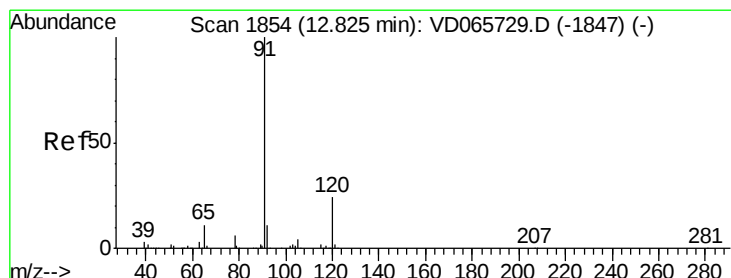
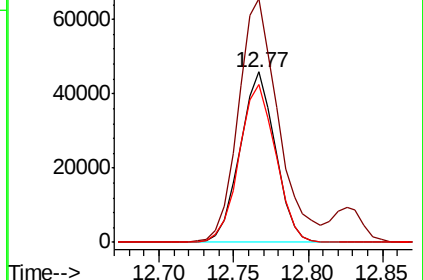
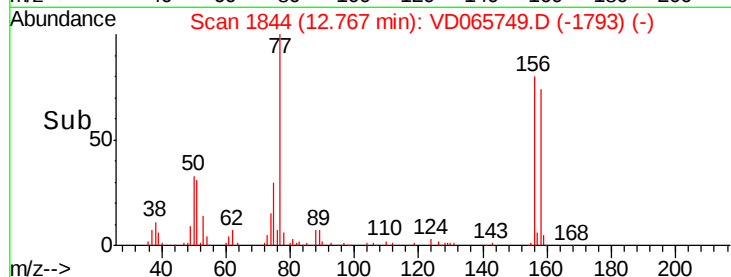
158 95.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.141 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065749.D

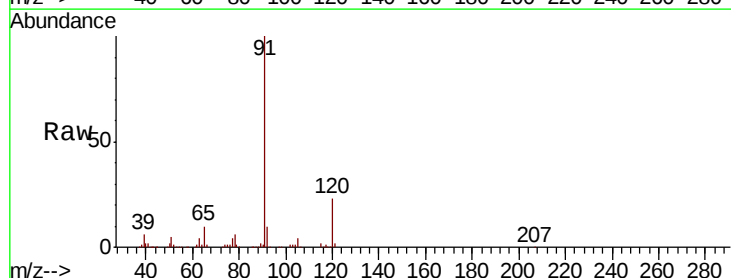
Acq: 15 May 2020 13:41

Tgt Ion: 91 Resp: 348135

Ion Ratio Lower Upper

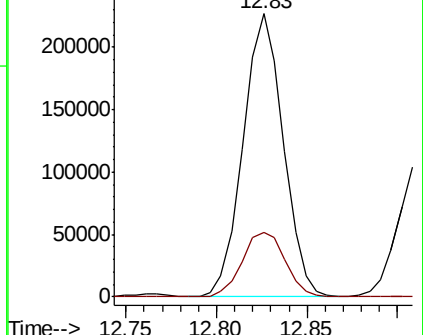
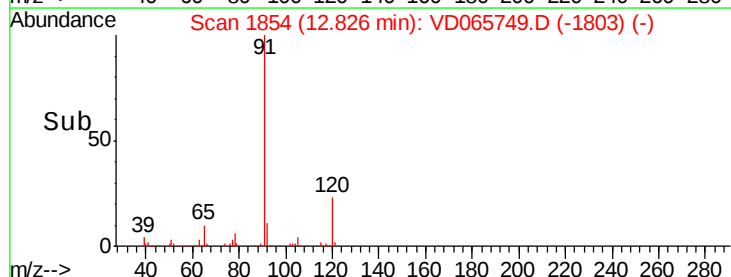
91 100

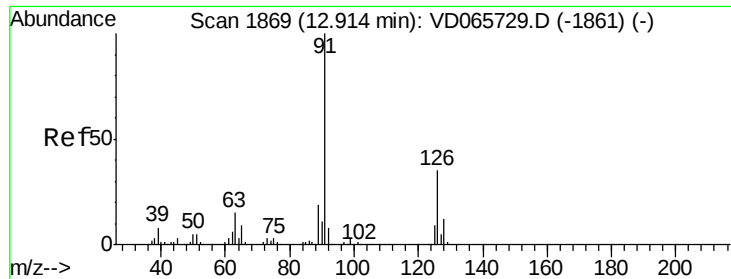
120 24.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

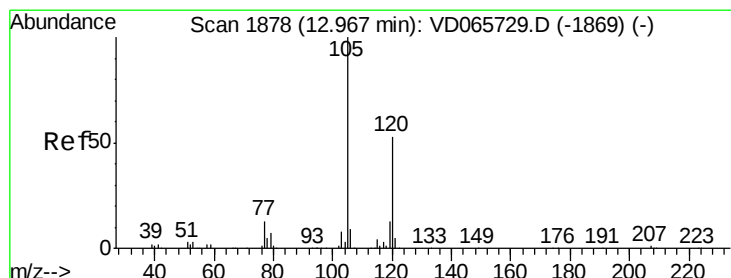
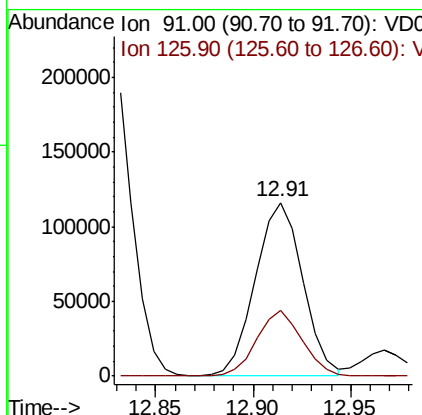
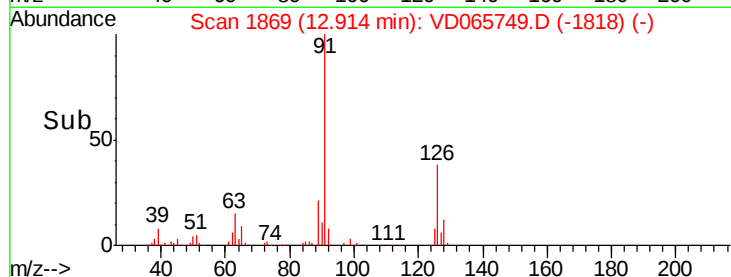
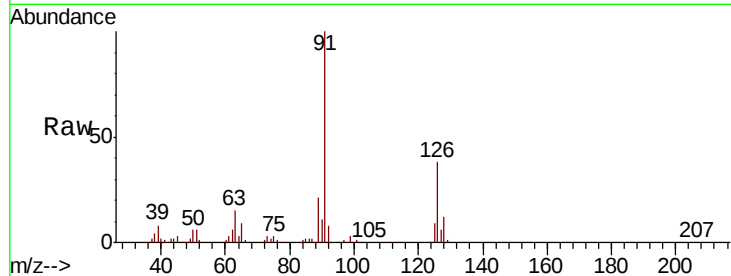




#79  
2-Chlorotoluene  
Concen: 21.395 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

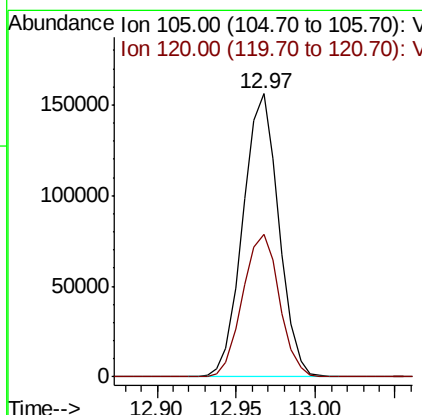
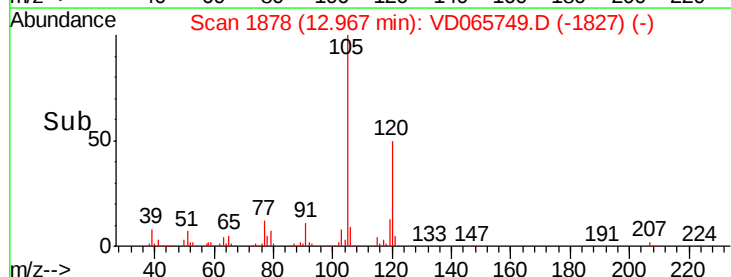
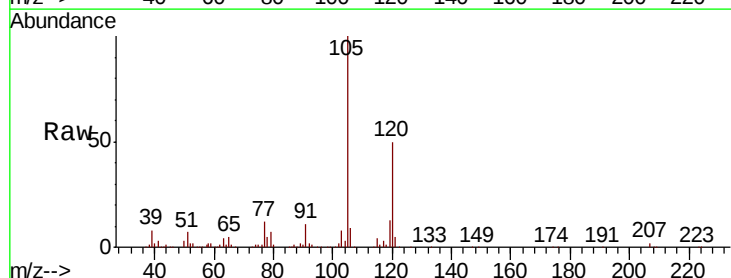
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBS01

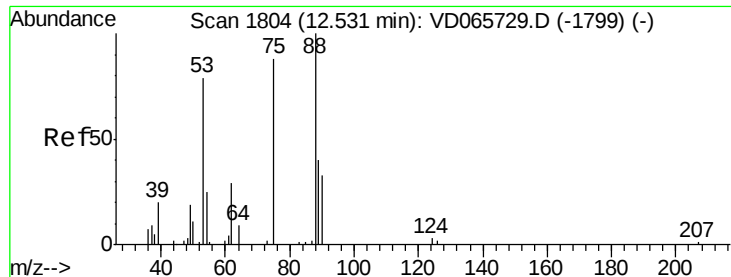
Tot Ion: 91 Resp: 194947  
Ion Ratio Lower Upper  
91 100  
126 36.4 18.1 54.1



#80  
1,3,5-Trimethylbenzene  
Concen: 21.094 ug/l  
RT: 12.97 min Scan# 1878  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Tgt Ion:105 Resp: 245015  
Ion Ratio Lower Upper  
105 100  
120 51.7 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.240 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

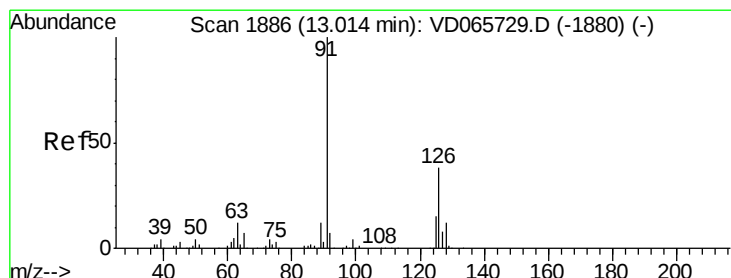
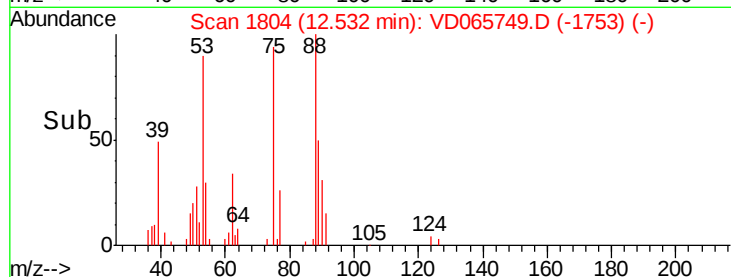
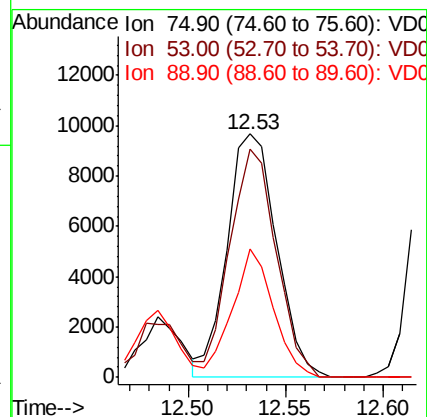
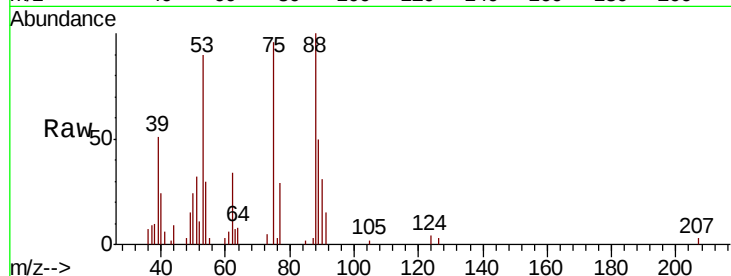
Tot Ion: 75 Resp: 16967

Ion Ratio Lower Upper

75 100

53 88.8 72.6 109.0

89 43.6 37.0 55.4



#82

4-Chlorotoluene

Concen: 21.453 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD065749.D

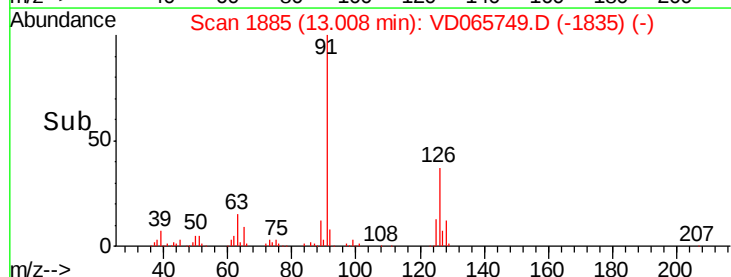
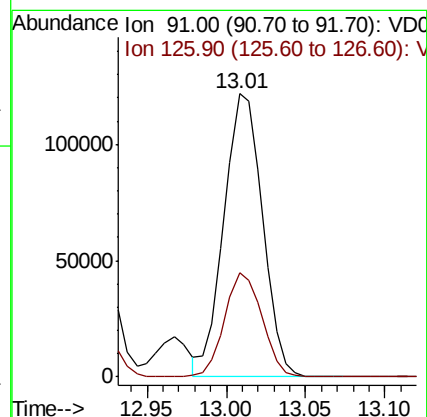
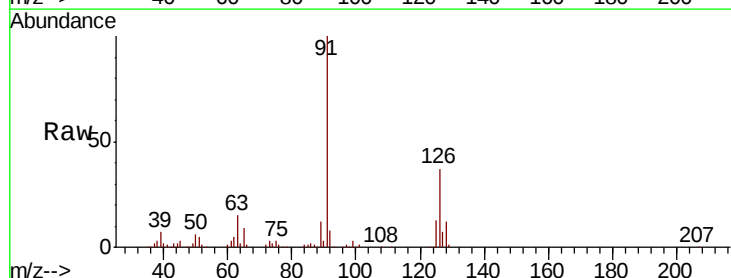
Acq: 15 May 2020 13:41

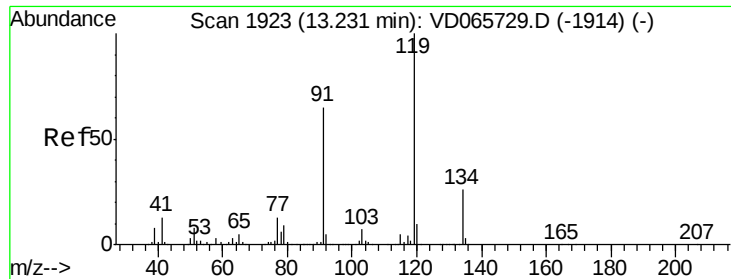
Tgt Ion: 91 Resp: 206079

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.3

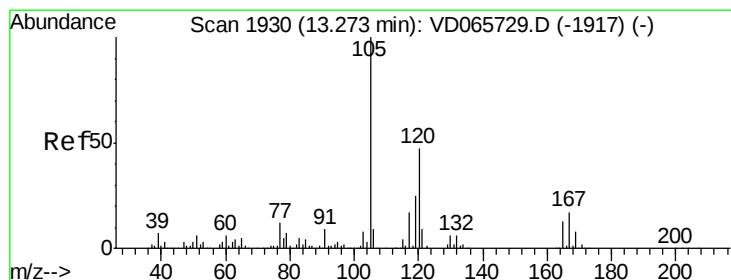
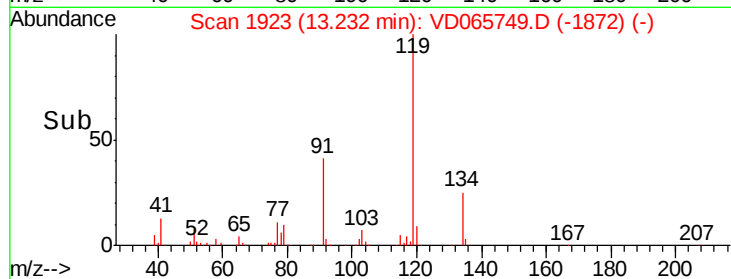
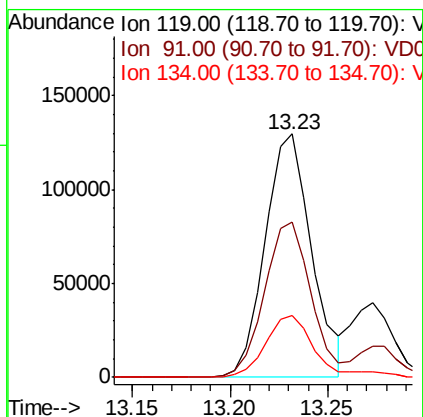
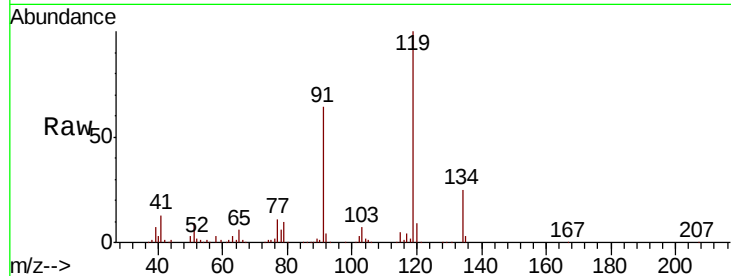




#83  
 tert-Butylbenzene  
 Concen: 20.823 ug/l  
 RT: 13.23 min Scan# 1923  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

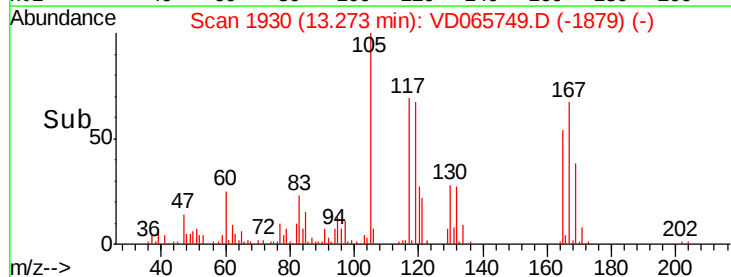
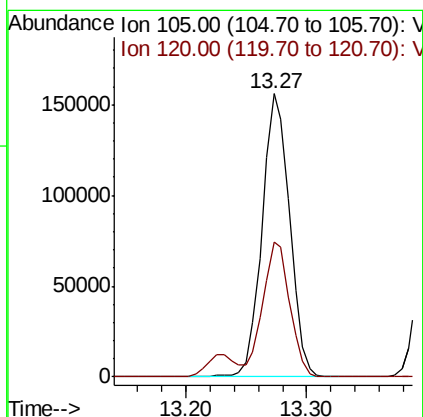
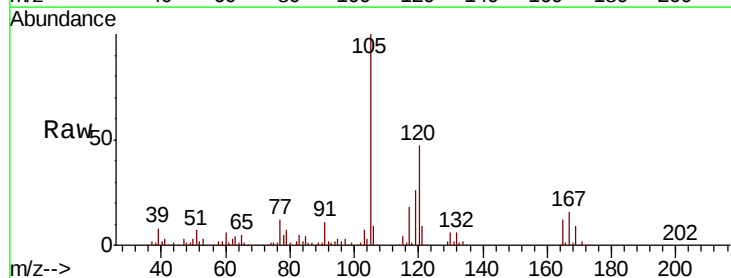
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBSD01

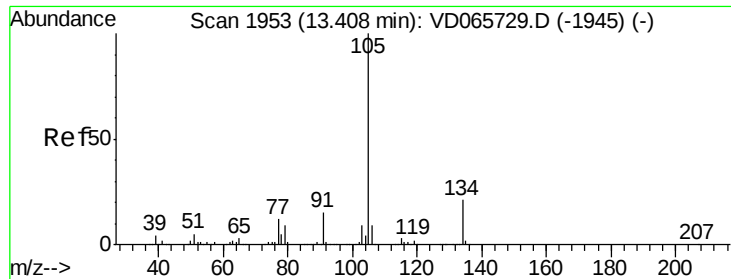
Tot Ion:119 Resp: 214470  
 Ion Ratio Lower Upper  
 119 100  
 91 63.3 31.6 95.0  
 134 27.2 12.7 38.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.466 ug/l  
 RT: 13.27 min Scan# 1930  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Tgt Ion:105 Resp: 245895  
 Ion Ratio Lower Upper  
 105 100  
 120 47.3 23.6 70.8

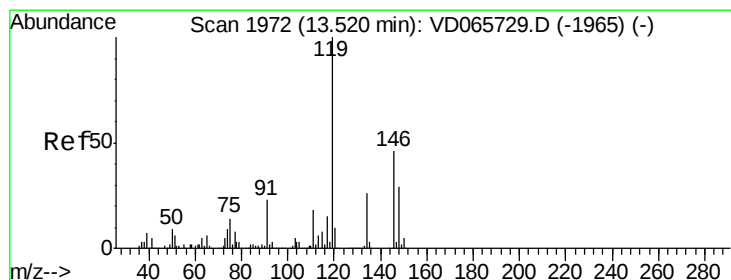
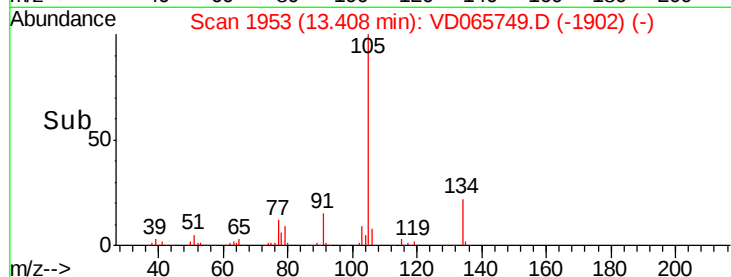
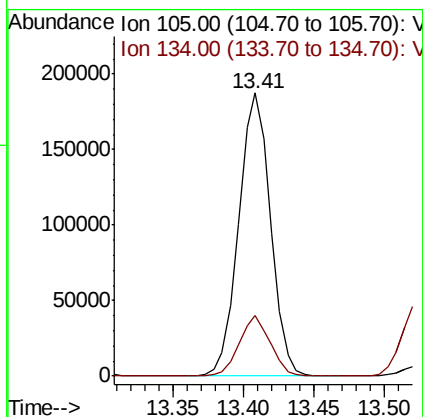
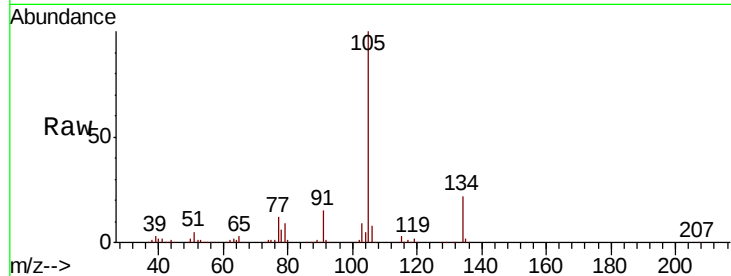




#85  
 sec-Butylbenzene  
 Concen: 20.994 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

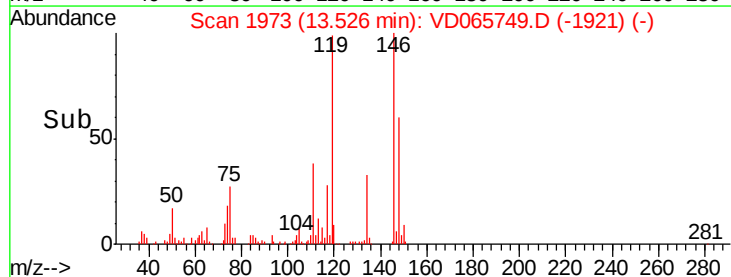
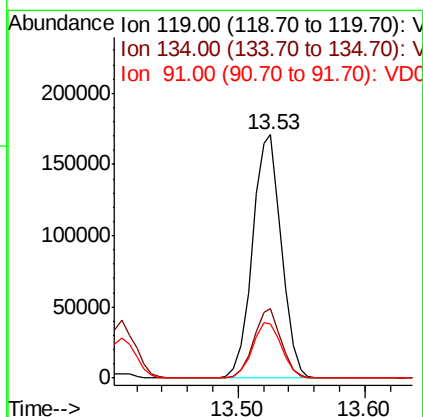
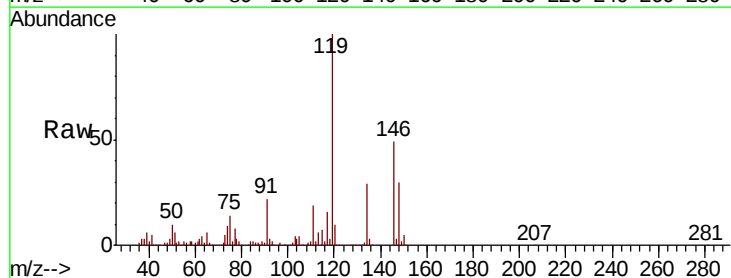
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBS01

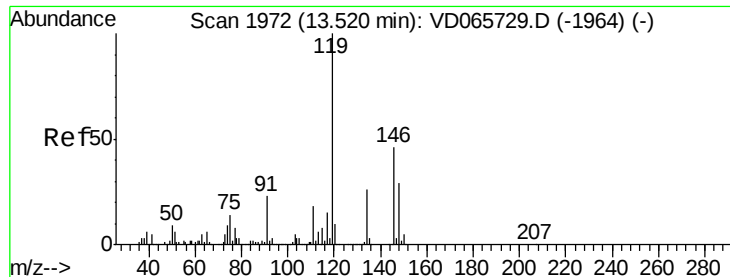
Tot Ion:105 Resp: 294232  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.7 31.9



#86  
 p-Isopropyltoluene  
 Concen: 21.027 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. 0.01 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Tgt Ion:119 Resp: 270879  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 13.6 40.7  
 91 23.2 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 21.709 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

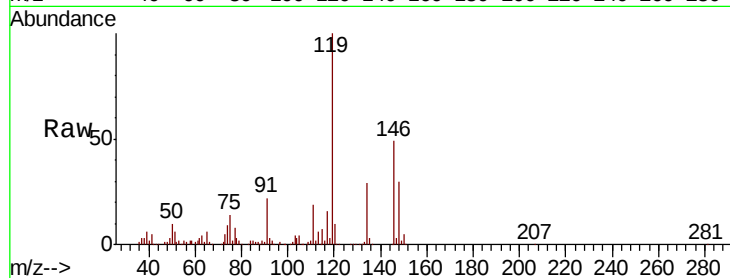
Tot Ion:146 Resp: 138354

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.9

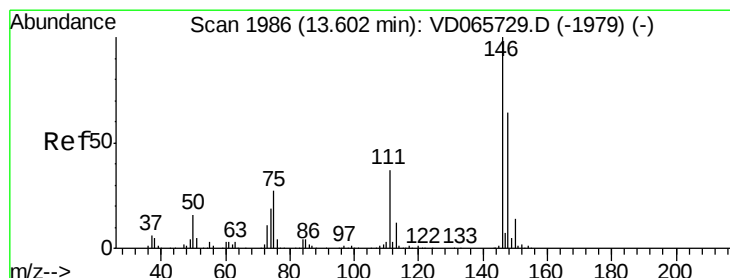
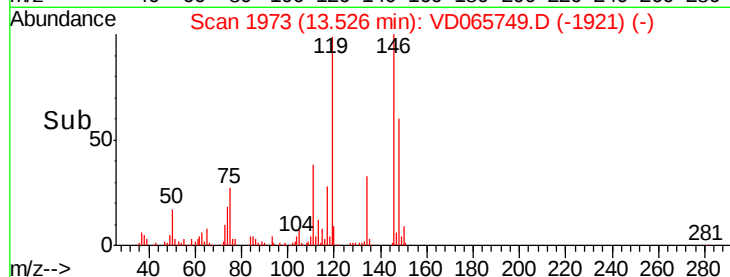
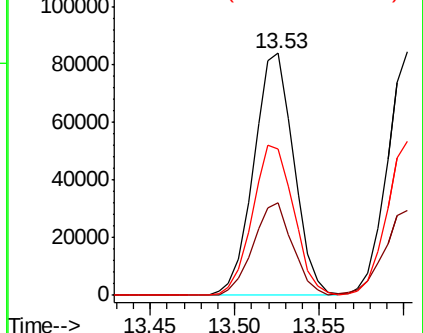
148 63.9 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 21.625 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

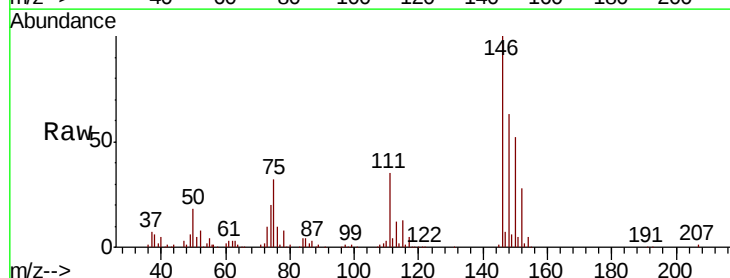
Tgt Ion:146 Resp: 137278

Ion Ratio Lower Upper

146 100

111 38.2 18.4 55.2

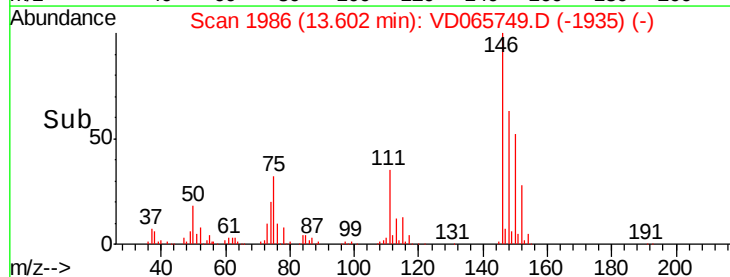
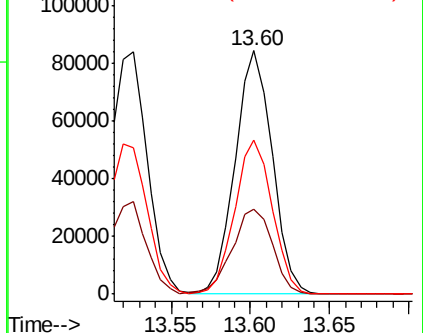
148 64.0 31.6 94.7

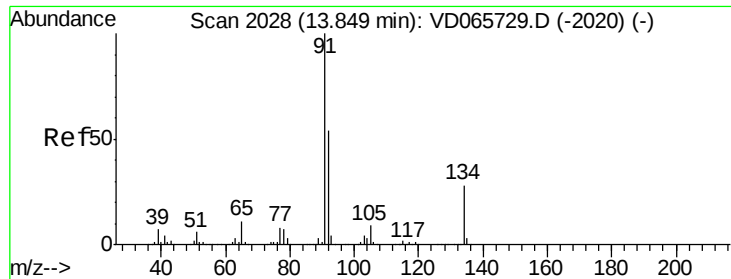


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

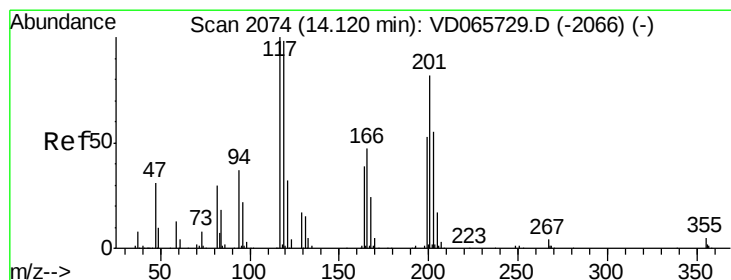
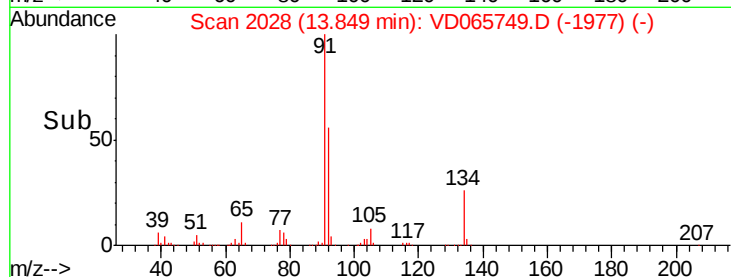
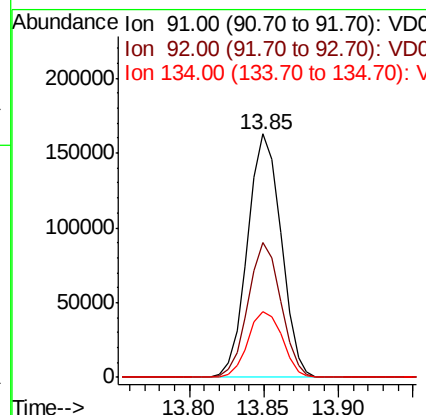
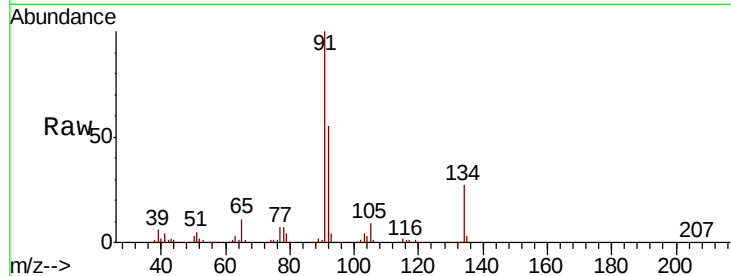




#89  
n-Butylbenzene  
Concen: 20.972 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

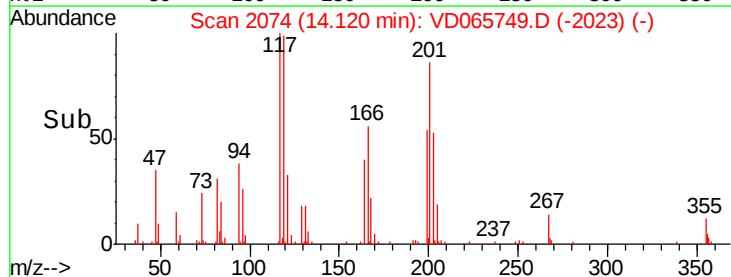
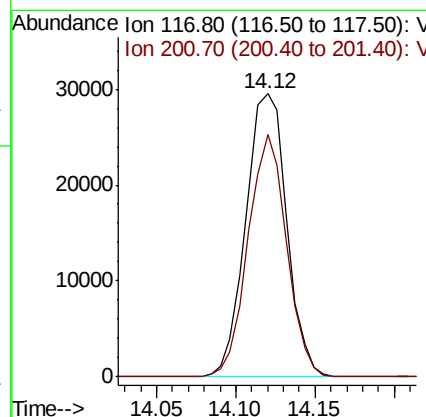
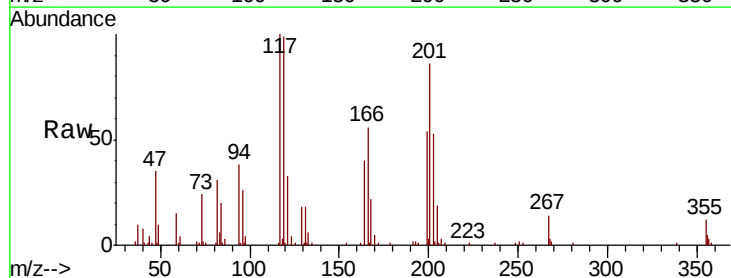
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0515SBSD01

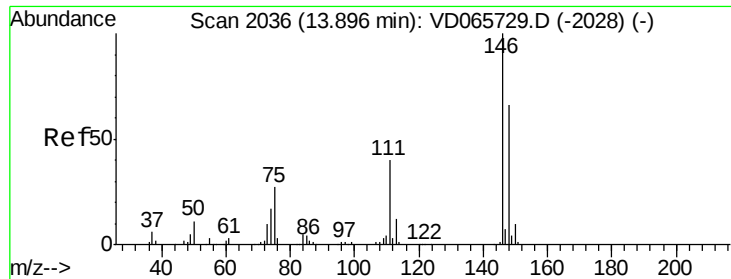
Tot Ion: 91 Resp: 252629  
Ion Ratio Lower Upper  
91 100  
92 54.1 27.0 81.0  
134 27.6 13.9 41.7



#90  
Hexachloroethane  
Concen: 21.073 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.00 min  
Lab File: VD065749.D  
Acq: 15 May 2020 13:41

Tgt Ion: 117 Resp: 53110  
Ion Ratio Lower Upper  
117 100  
201 80.4 41.8 125.4

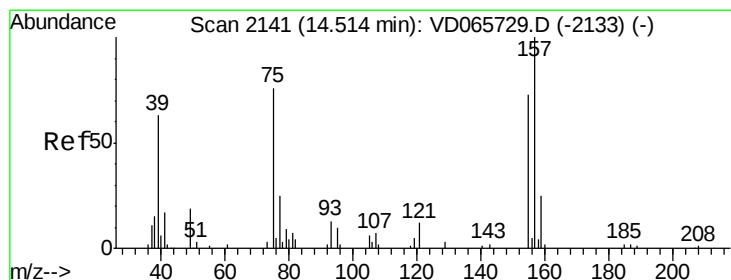
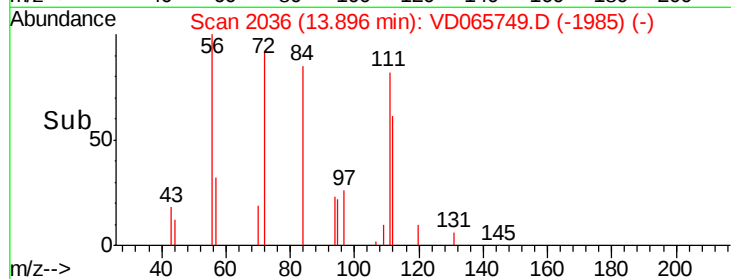
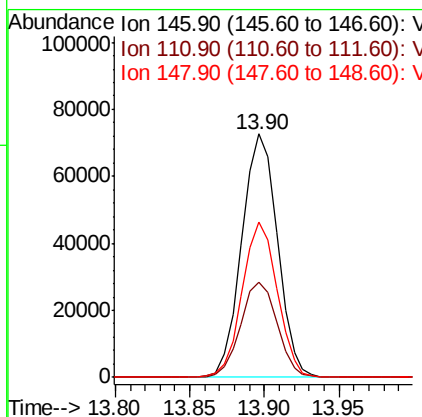
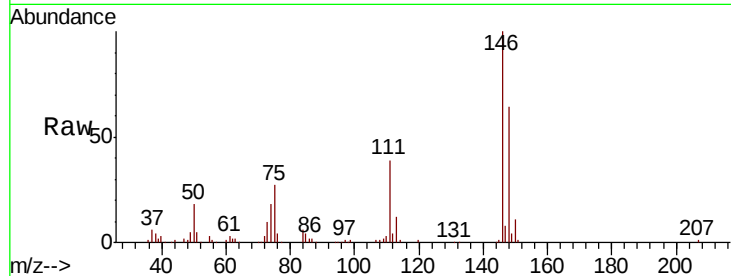




#91  
 1,2-Dichlorobenzene  
 Concen: 21.851 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

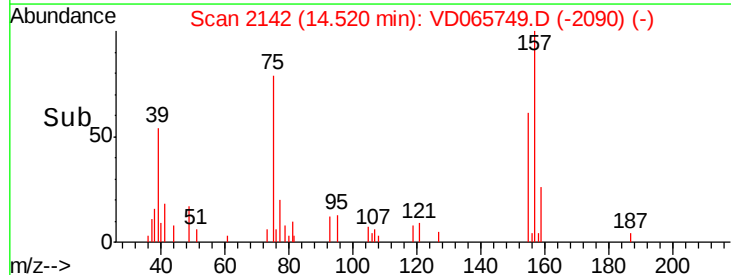
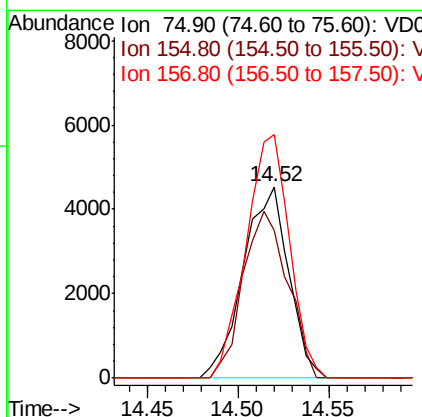
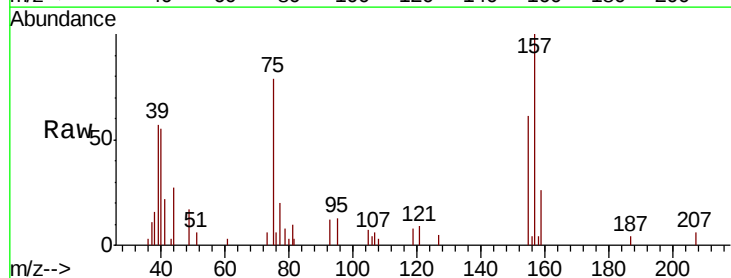
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBSD01

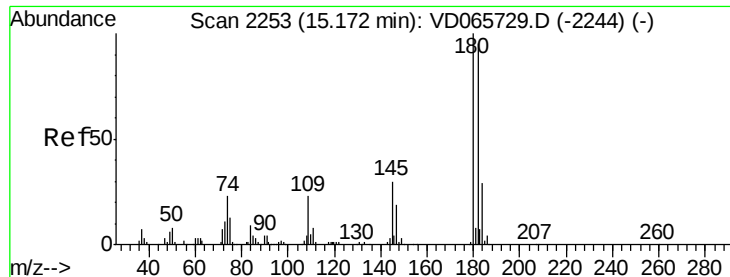
Tot Ion:146 Resp: 120451  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 20.0 60.0  
 148 62.6 32.4 97.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.173 ug/l  
 RT: 14.52 min Scan# 2142  
 Delta R.T. 0.01 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

Tgt Ion: 75 Resp: 7900  
 Ion Ratio Lower Upper  
 75 100  
 155 85.8 48.4 145.0  
 157 121.4 62.6 187.8

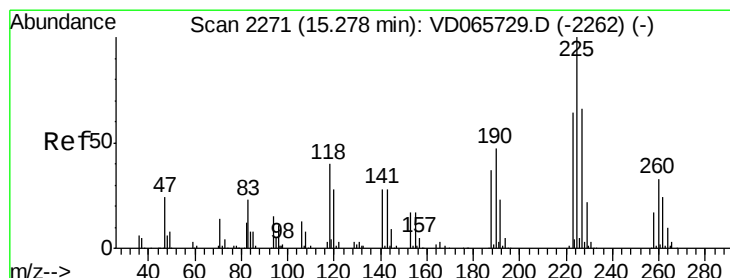
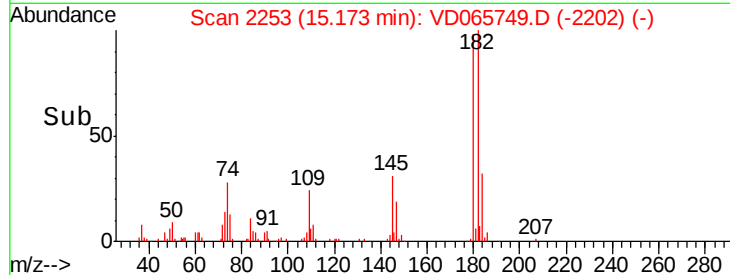
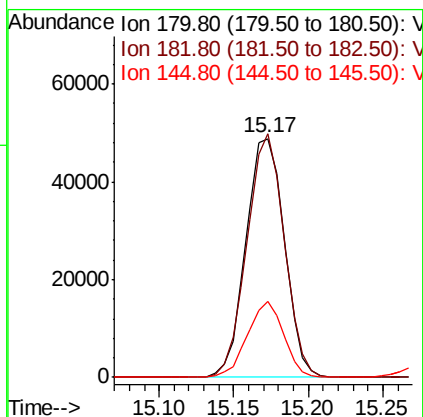
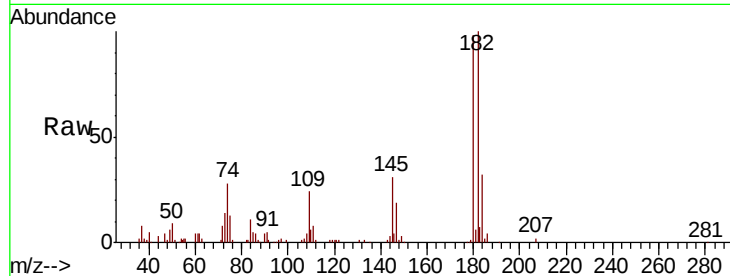




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.833 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

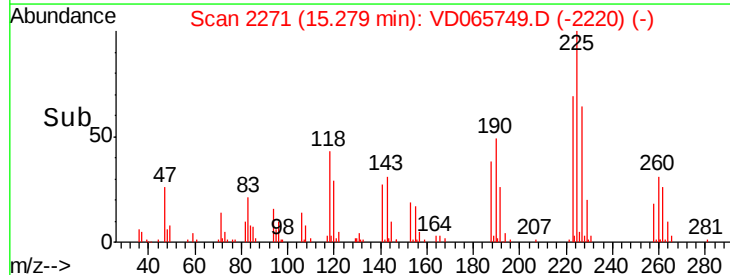
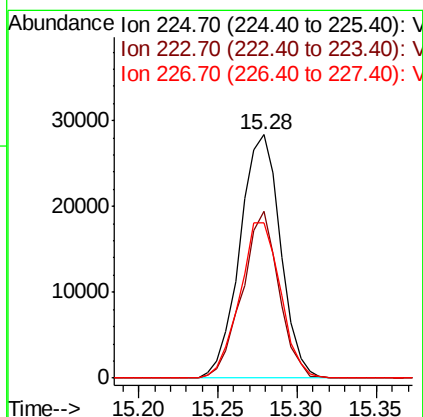
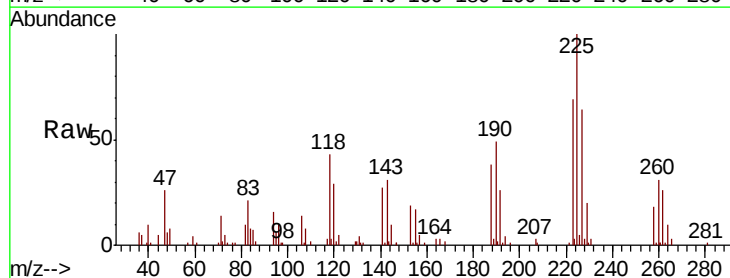
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0515SBS01

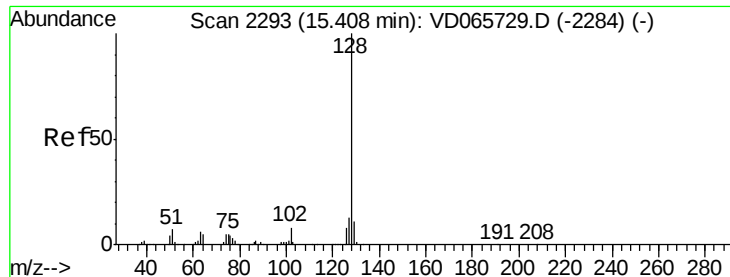
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.1  | 47.0  | 141.0 |
| 145     | 29.9  | 14.5  | 43.6  |



#94  
 Hexachlorobutadiene  
 Concen: 20.051 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: VD065749.D  
 Acq: 15 May 2020 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.0  | 31.4  | 94.2  |
| 227     | 64.3  | 32.2  | 96.6  |





#95

Naphthalene

Concen: 21.309 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0515SBS01

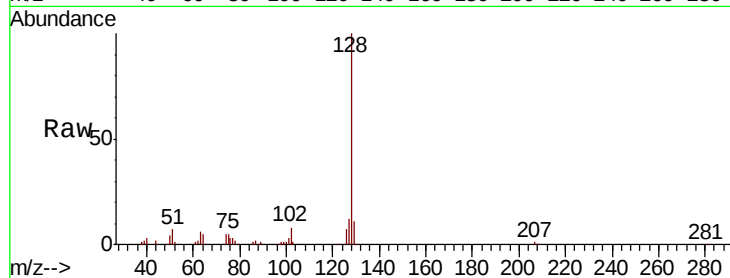
Tot Ion:128 Resp: 148630

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

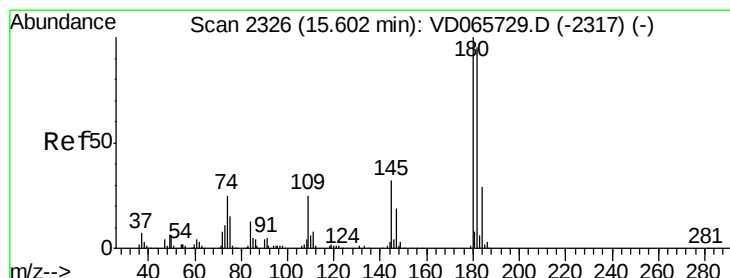
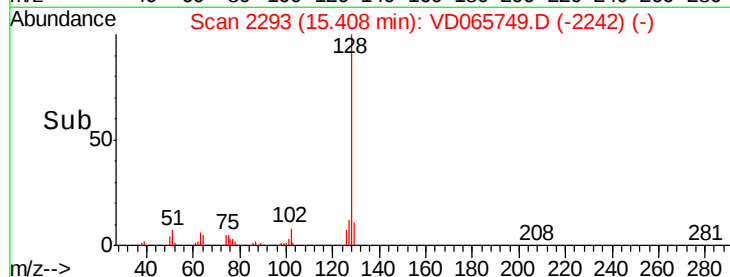
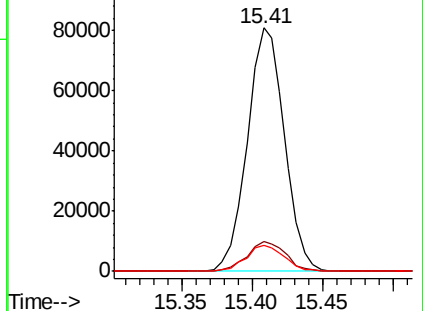
129 11.1 8.8 13.2



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: 20.915 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD065749.D

Acq: 15 May 2020 13:41

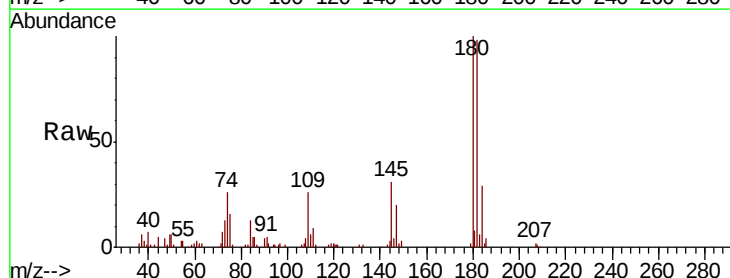
Tgt Ion:180 Resp: 74779

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.6

145 31.5 15.9 47.6



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

