

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\  
 Data File : VD066842.D  
 Acq On : 24 Sep 2020 11:09  
 Operator : VA/SY  
 Sample : VD0924SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0924SBS01

Quant Time: Sep 25 01:08:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 23 01:34:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 393604   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 633617   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 586493   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 279693   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 187104   | 48.57 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.14% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 189037   | 46.89 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.78% |      |
| 50) Toluene-d8            | 10.34  | 98  | 679308   | 49.46 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.92% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 234576   | 49.89 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.78% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 72196  | 23.185  | ug/l   | 99     |
| 3) Chloromethane              | 2.21 | 50  | 78792  | 21.787  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.35 | 62  | 78105  | 21.861  | ug/l   | 97     |
| 5) Bromomethane               | 2.76 | 94  | 52752  | 21.007  | ug/l   | 98     |
| 6) Chloroethane               | 2.93 | 64  | 45500  | 20.508  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 152659 | 20.805  | ug/l   | 96     |
| 8) Diethyl Ether              | 3.71 | 74  | 36515  | 19.602  | ug/l   | 89     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 88680  | 20.843  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.30 | 142 | 79409  | 21.150  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.22 | 59  | 27823  | 88.703  | ug/l # | 85     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 79826  | 20.711  | ug/l   | 98     |
| 13) Acrolein                  | 3.93 | 56  | 25416  | 89.432  | ug/l   | 98     |
| 14) Allyl chloride            | 4.71 | 41  | 111876 | 19.767  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.42 | 53  | 84213  | 102.013 | ug/l   | 97     |
| 16) Acetone                   | 4.16 | 43  | 70600  | 86.389  | ug/l   | 94     |
| 17) Carbon Disulfide          | 4.41 | 76  | 244533 | 20.752  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.73 | 43  | 39301  | 19.327  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 163063 | 19.481  | ug/l   | 94     |
| 20) Methylene Chloride        | 4.96 | 84  | 105855 | 20.574  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 92647  | 20.760  | ug/l   | 98     |
| 22) Diisopropyl ether         | 6.36 | 45  | 241999 | 20.796  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.30 | 43  | 569071 | 91.781  | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 155869 | 20.022  | ug/l   | 97     |
| 25) 2-Butanone                | 7.21 | 43  | 93100  | 94.797  | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 141314 | 19.805  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 99668  | 20.555  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.54 | 49  | 65052  | 20.227  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 61446  | 97.645  | ug/l   | 98     |
| 30) Chloroform                | 7.71 | 83  | 172345 | 20.538  | ug/l   | 98     |
| 31) Cyclohexane               | 7.98 | 56  | 136793 | 19.529  | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 154928 | 20.409  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 128586 | 20.456  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.29 | 43  | 46953  | 20.662  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 8.09 | 117 | 144413 | 21.014  | ug/l   | 97     |

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 Data File : VD066842.D  
 Acq On : 24 Sep 2020 11:09  
 Operator : VA/SY  
 Sample : VD0924SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0924SBS01

Quant Time: Sep 25 01:08:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 23 01:34:05 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.35  | 83   | 144267   | 19.989  | ug/l   | 89       |
| 40) Benzene                    | 8.34  | 78   | 368126   | 21.013  | ug/l   | 95       |
| 41) Methacrylonitrile          | 7.56  | 41   | 62714    | 44.877  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.42  | 62   | 107910   | 20.836  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.45  | 43   | 84953    | 19.391  | ug/l   | 100      |
| 44) Trichloroethene            | 9.11  | 130  | 103217   | 20.670  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 89425    | 20.288  | ug/l   | 97       |
| 46) Dibromomethane             | 9.47  | 93   | 49875    | 20.826  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.66  | 83   | 131568   | 20.451  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.45  | 41   | 43701    | 20.231  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 11703    | 365.020 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 218740   | 98.534  | ug/l   | 98       |
| 52) Toluene                    | 10.40 | 92   | 239764   | 21.247  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 107624   | 19.655  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 136279   | 20.411  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 66054    | 20.064  | ug/l   | 93       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 69610    | 19.737  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 115646   | 21.273  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 194051   | 116.200 | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.98 | 43   | 143708   | 95.992  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 88638    | 20.629  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 64164    | 20.954  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.87 | 164  | 89163    | 21.135  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.67 | 112  | 250206   | 20.495  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 96317    | 20.845  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.74 | 91   | 431226   | 20.112  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 342538   | 42.195  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 148813   | 20.273  | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 267200   | 20.960  | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 46645    | 19.939  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.48 | 105  | 407020   | 20.145  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.28 | 43   | 78018    | 19.773  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 68118    | 19.538  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 92520    | 39.916  | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 96105    | 20.338  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.82 | 91   | 498691   | 20.516  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 283947   | 20.499  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 349125   | 20.364  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 16763    | 18.094  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 308621   | 21.136  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 288664   | 20.490  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 354092   | 20.828  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 416093   | 20.539  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 384100   | 21.034  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 188409   | 20.181  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 190170   | 20.509  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 351233   | 20.236  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 73442    | 19.810  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 160867   | 20.140  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 11071    | 19.740  | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092420\  
Data File : VD066842.D  
Acq On : 24 Sep 2020 11:09  
Operator : VA/SY  
Sample : VD0924SBS01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

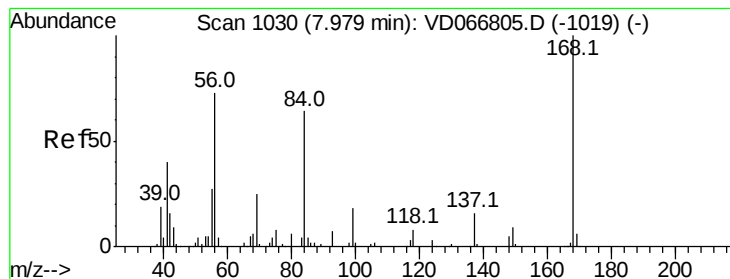
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

Quant Time: Sep 25 01:08:37 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 23 01:34:05 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 105446   | 20.971 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 61901    | 20.544 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 161015   | 18.862 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 88169    | 20.316 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

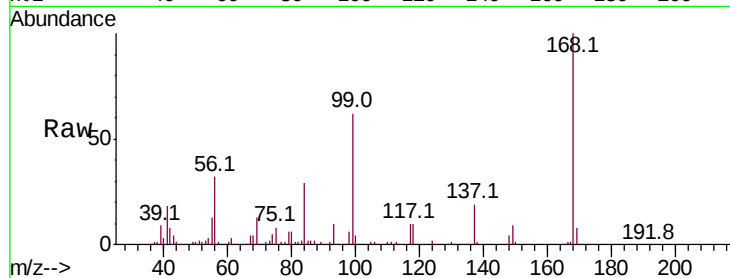
VD0924SBS01

Tot Ion:168 Resp: 393604

Ion Ratio Lower Upper

168 100

99 61.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

100000

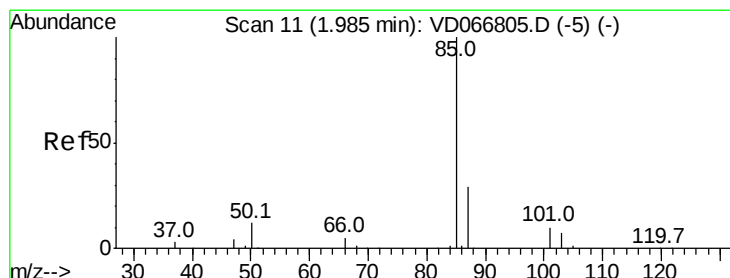
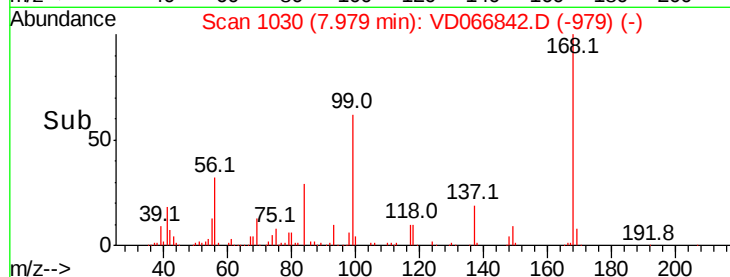
50000

0

7.85 7.90 7.95 8.00 8.05

7.98

Time-->



#2

Dichlorodifluoromethane

Concen: 23.185 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066842.D

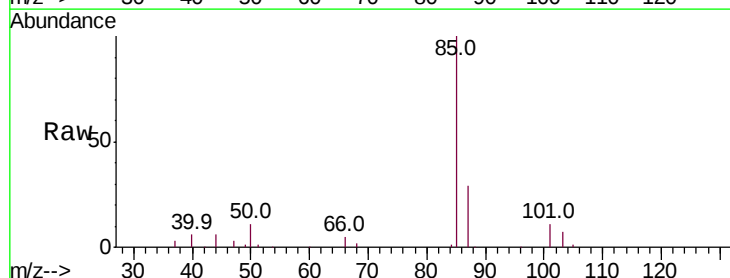
Acq: 24 Sep 2020 11:09

Tgt Ion: 85 Resp: 72196

Ion Ratio Lower Upper

85 100

87 28.7 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

50000

40000

30000

20000

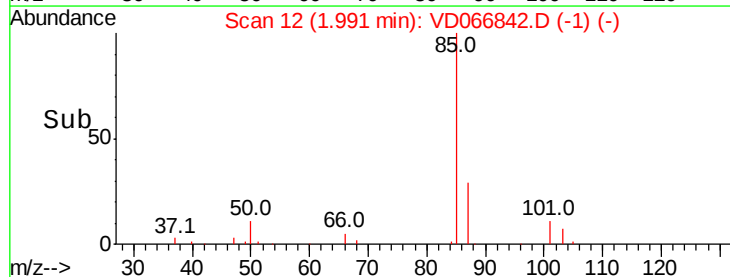
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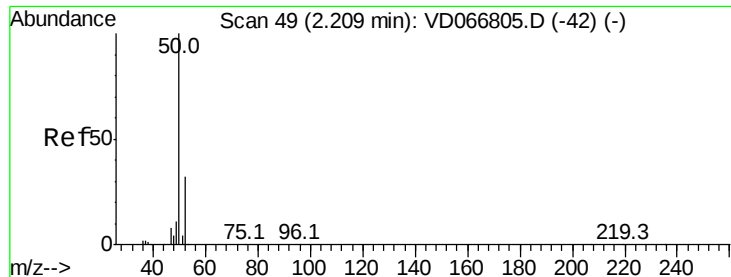
0

1.95 2.00 2.05

1.99

Time-->





#3

Chloromethane

Concen: 21.787 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

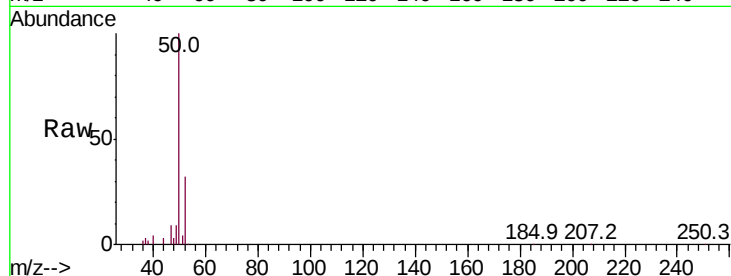
VD0924SBS01

Tot Ion: 50 Resp: 78792

Ion Ratio Lower Upper

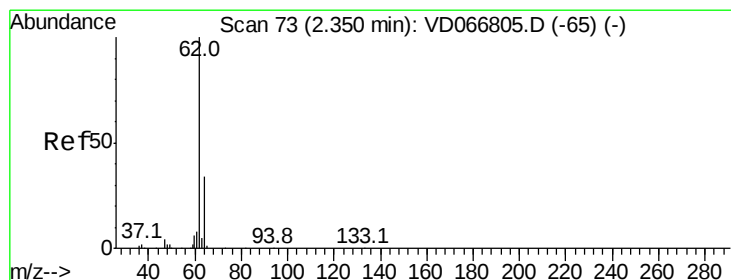
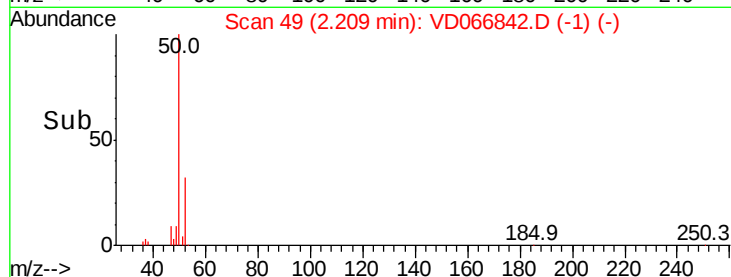
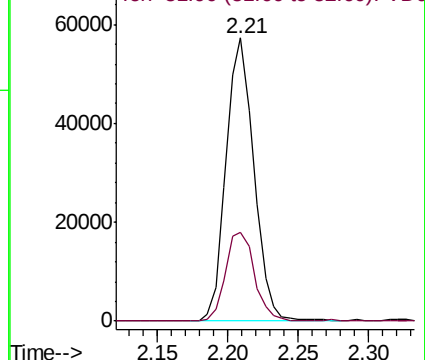
50 100

52 31.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.861 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066842.D

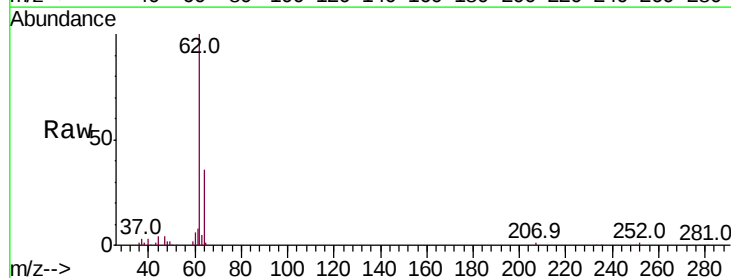
Acq: 24 Sep 2020 11:09

Tgt Ion: 62 Resp: 78105

Ion Ratio Lower Upper

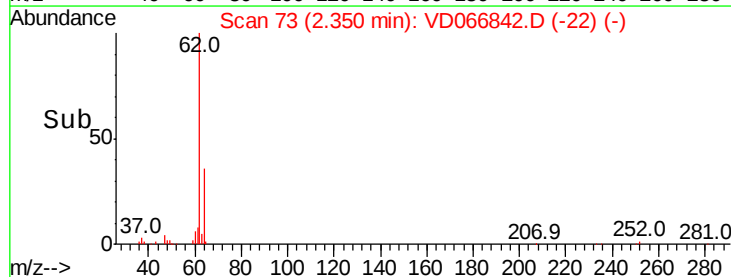
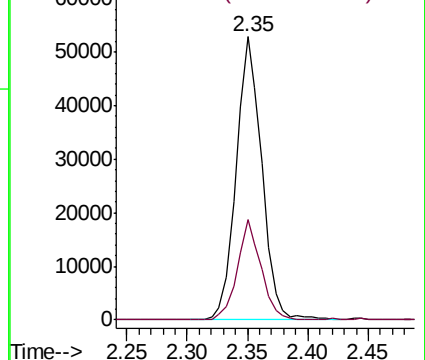
62 100

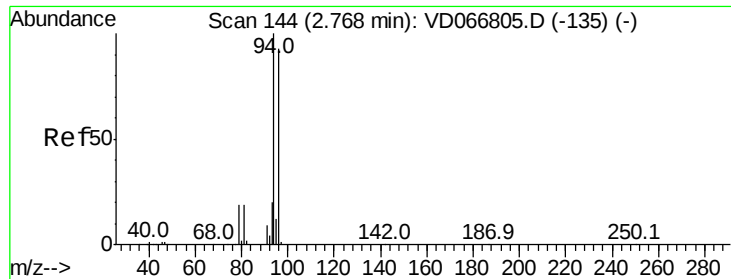
64 35.6 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.007 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

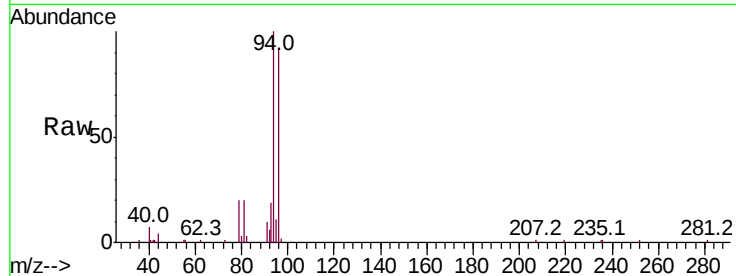
VD0924SBS01

Tot Ion: 94 Resp: 52752

Ion Ratio Lower Upper

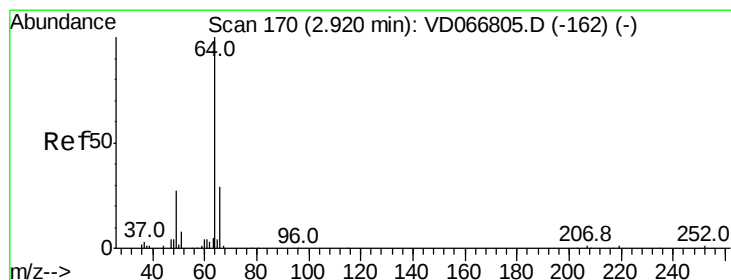
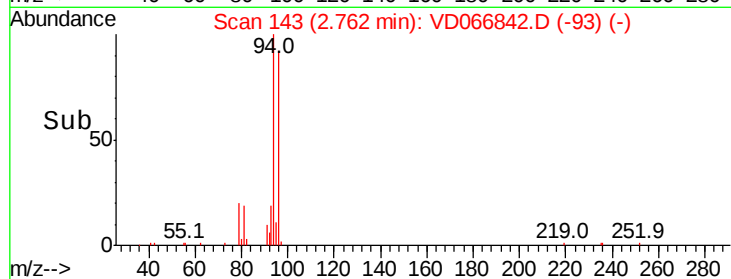
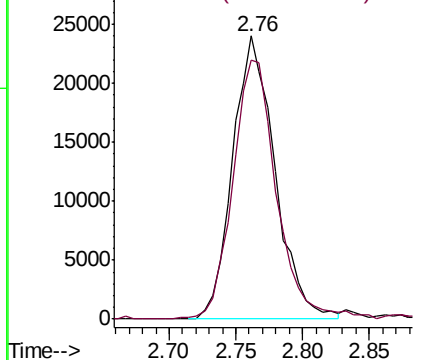
94 100

96 91.0 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.508 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066842.D

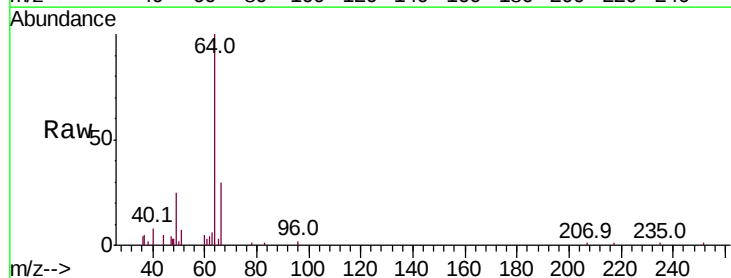
Acq: 24 Sep 2020 11:09

Tgt Ion: 64 Resp: 45500

Ion Ratio Lower Upper

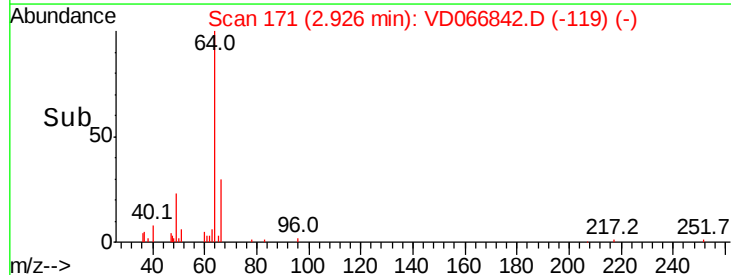
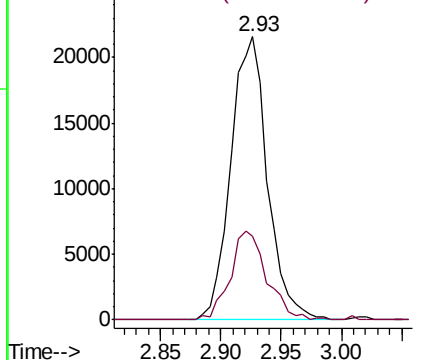
64 100

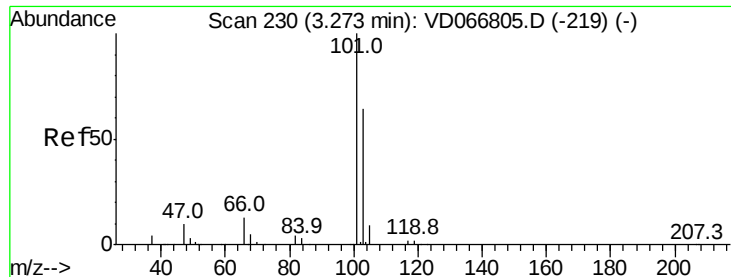
66 29.5 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 20.805 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

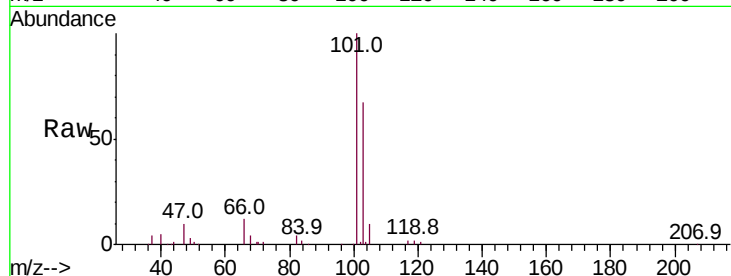
VD0924SBS01

Tot Ion:101 Resp: 152659

Ion Ratio Lower Upper

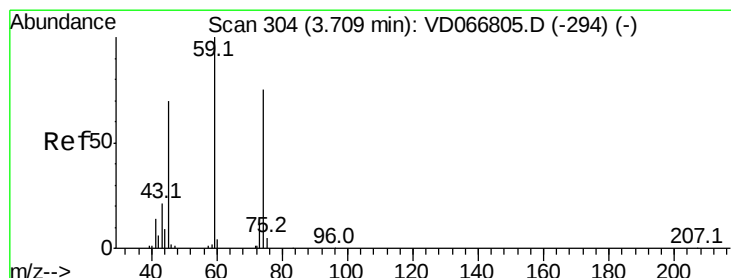
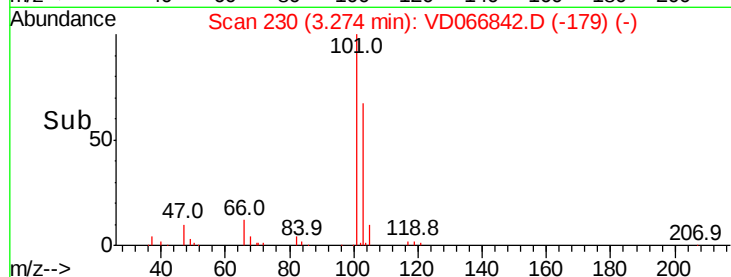
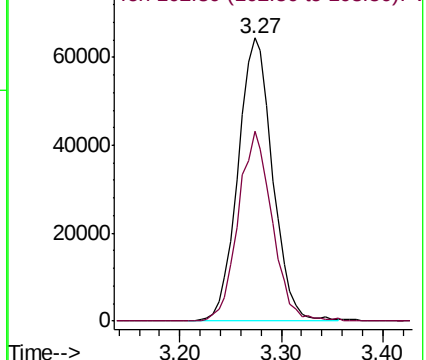
101 100

103 67.1 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.602 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD066842.D

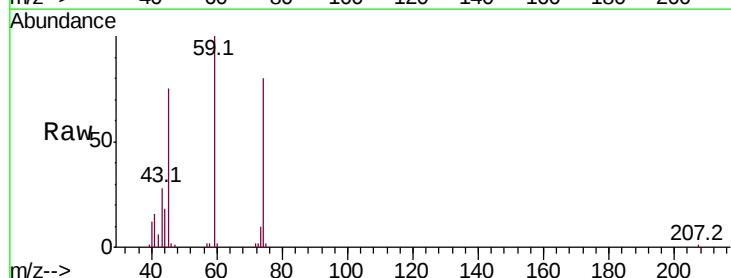
Acq: 24 Sep 2020 11:09

Tgt Ion: 74 Resp: 36515

Ion Ratio Lower Upper

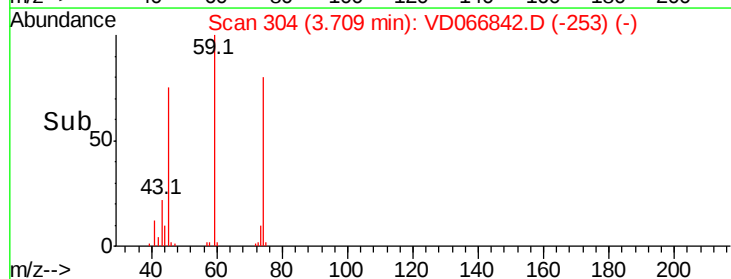
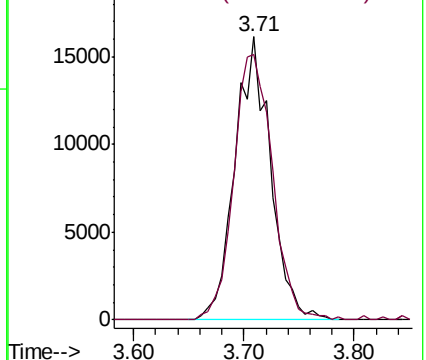
74 100

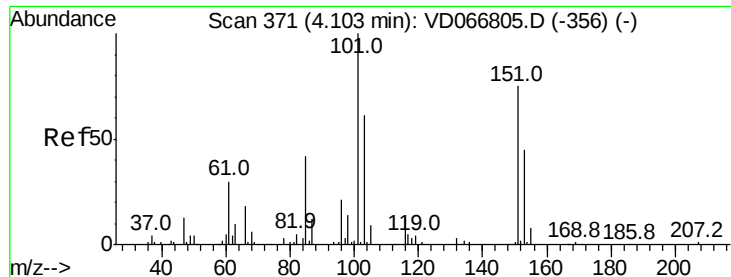
45 102.6 46.0 138.0



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: 20.843 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

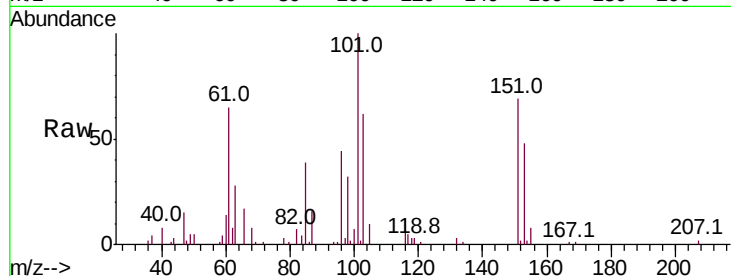
Tot Ion:101 Resp: 88680

Ion Ratio Lower Upper

101 100

85 44.1 35.4 53.2

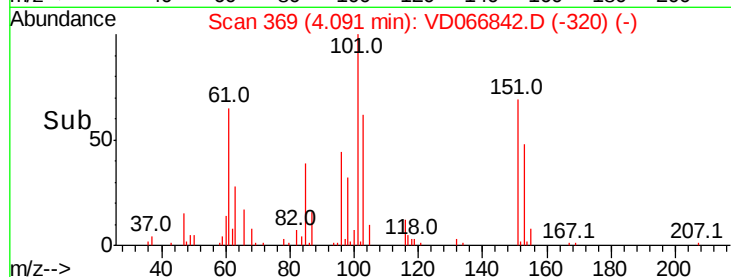
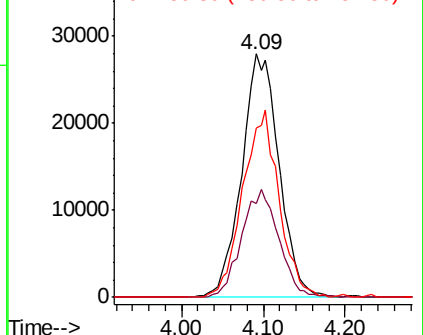
151 74.7 61.4 92.0



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: 21.150 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

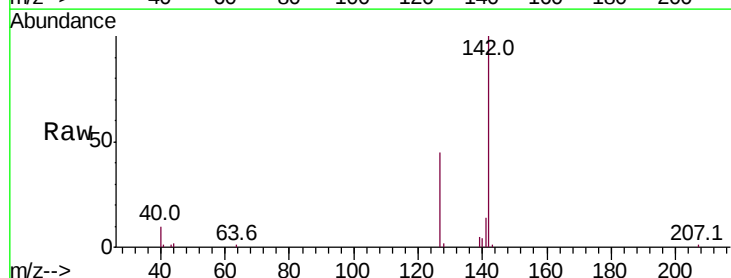
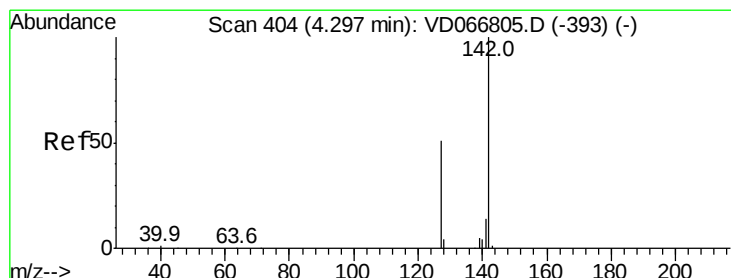
Tgt Ion:142 Resp: 79409

Ion Ratio Lower Upper

142 100

127 48.6 39.4 59.0

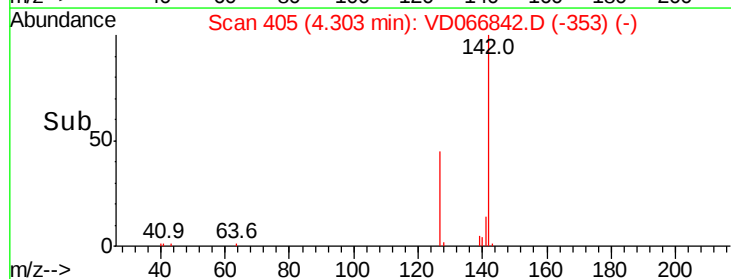
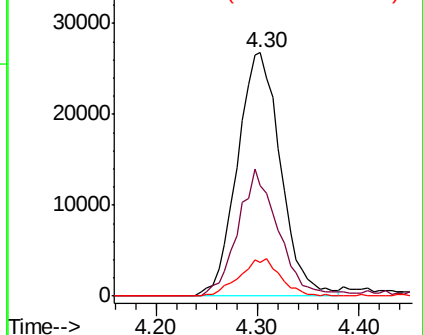
141 14.6 12.1 18.1

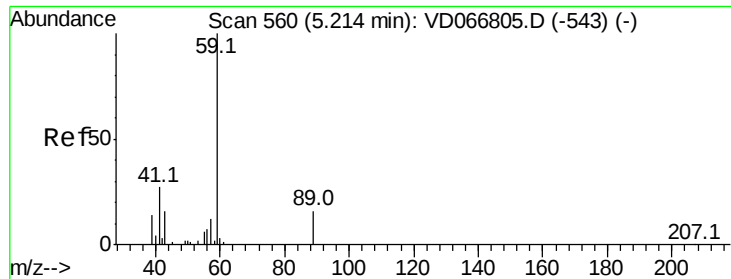


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

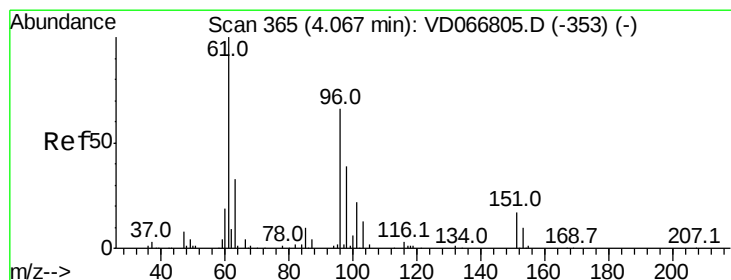
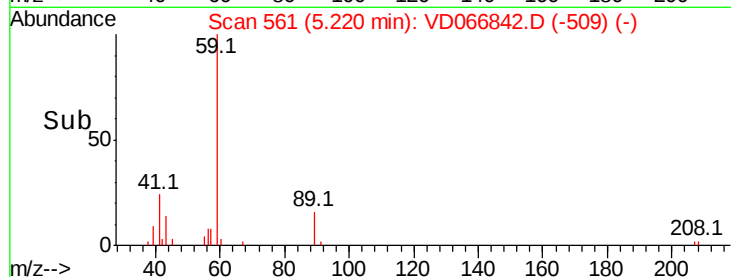
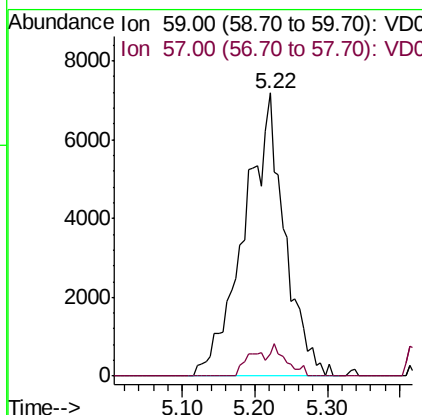
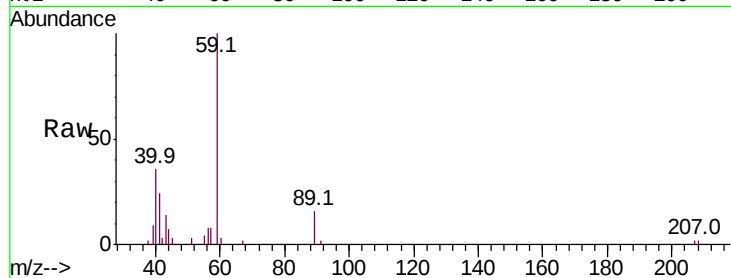




#11  
Tert butyl alcohol  
Concen: 88.703 ug/l  
RT: 5.22 min Scan# 561  
Delta R.T. 0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

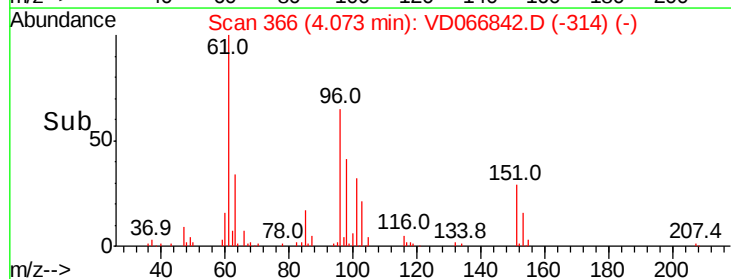
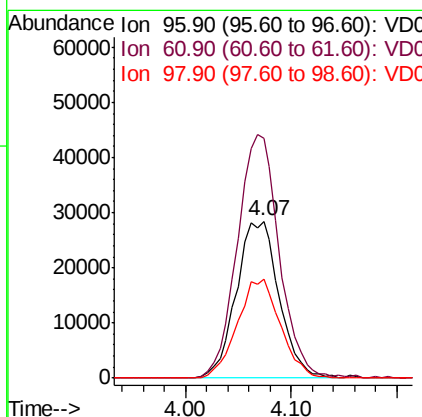
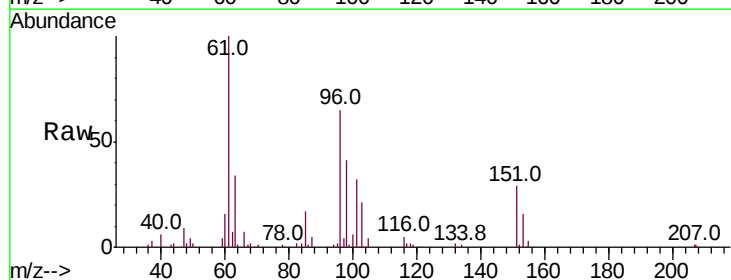
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

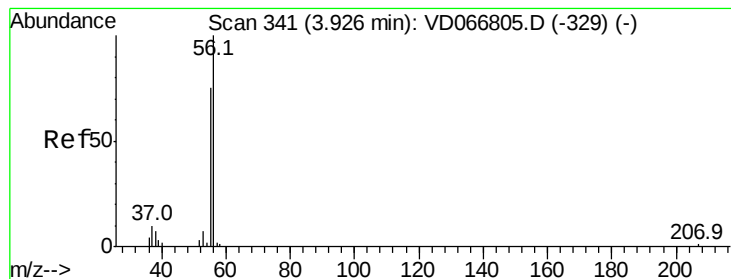
Tot Ion: 59 Resp: 27823  
Ion Ratio Lower Upper  
59 100  
57 4.7 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 20.711 ug/l  
RT: 4.07 min Scan# 366  
Delta R.T. 0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion: 96 Resp: 79826  
Ion Ratio Lower Upper  
96 100  
61 152.1 120.8 181.2  
98 63.2 47.7 71.5





#13

Acrolein

Concen: 89.432 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

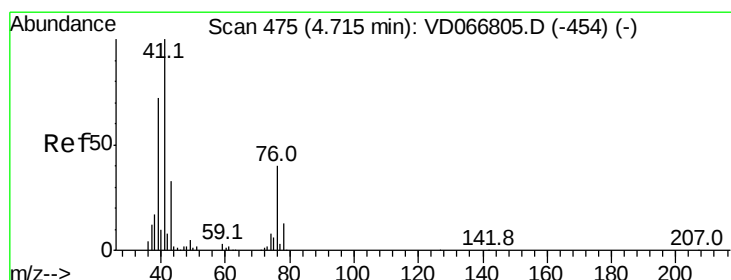
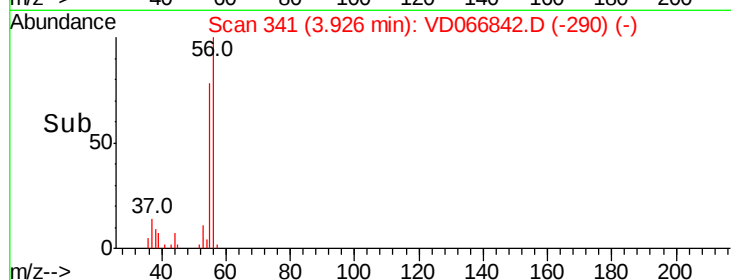
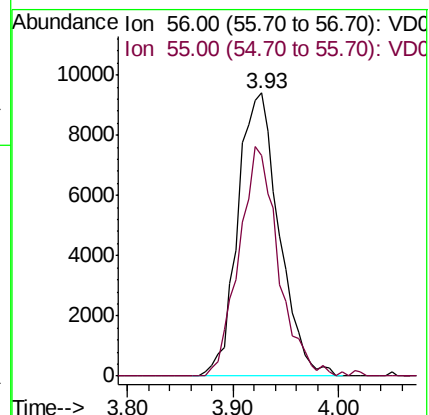
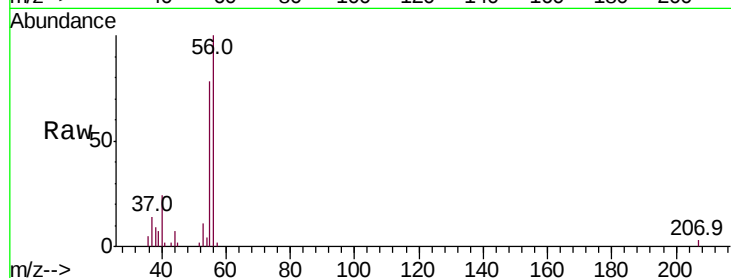
VD0924SBS01

Tot Ion: 56 Resp: 25416

Ion Ratio Lower Upper

56 100

55 77.2 60.3 90.5



#14

Allyl chloride

Concen: 19.767 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

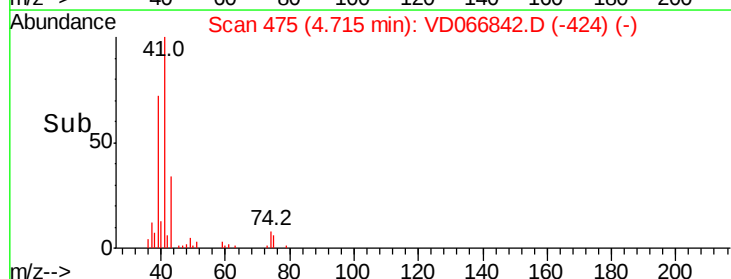
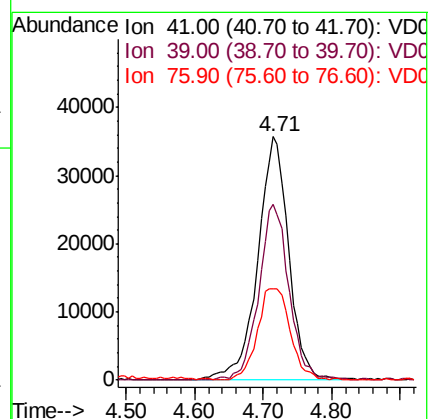
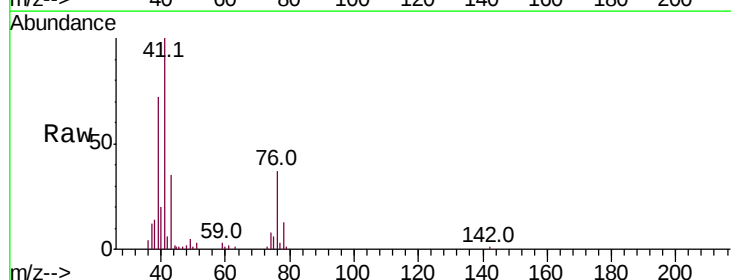
Tgt Ion: 41 Resp: 111876

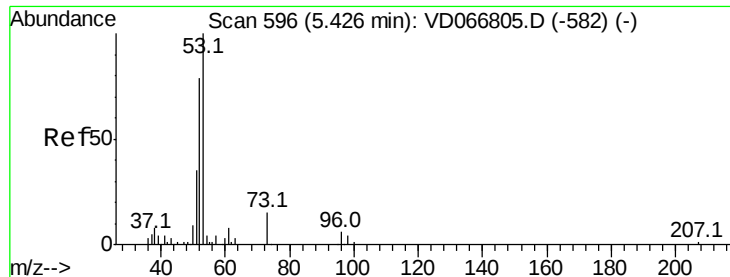
Ion Ratio Lower Upper

41 100

39 70.4 57.8 86.8

76 39.8 30.9 46.3





#15

Acrylonitrile

Concen: 102.013 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

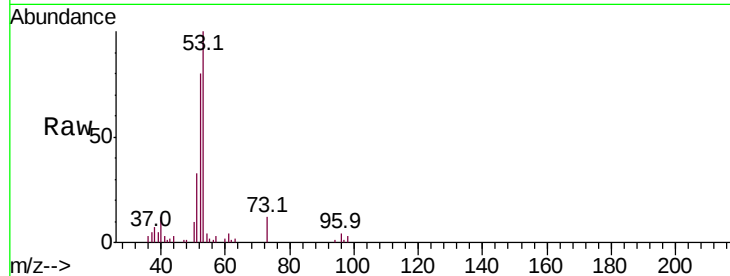
Tot Ion: 53 Resp: 84213

Ion Ratio Lower Upper

53 100

52 78.5 65.2 97.8

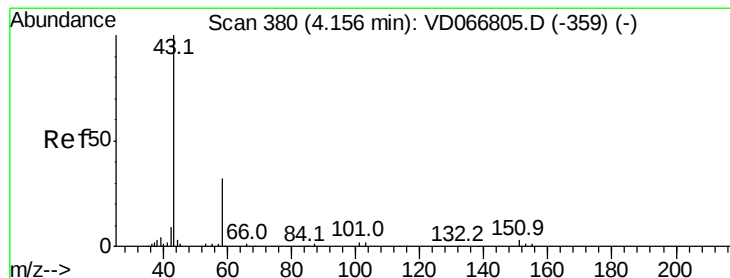
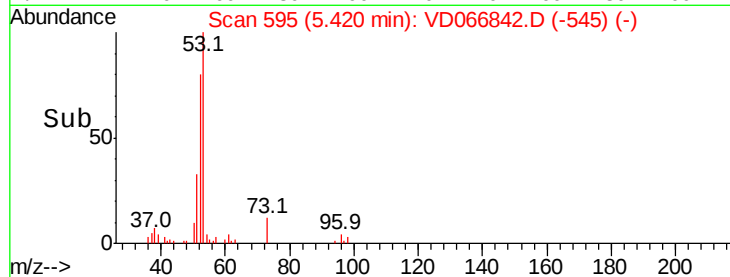
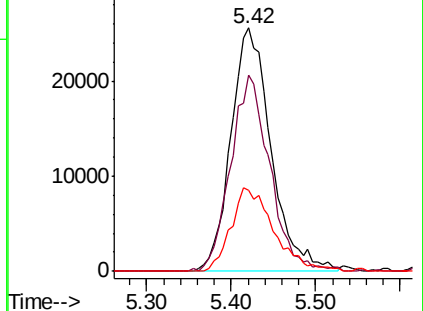
51 36.5 30.6 46.0



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: 86.389 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066842.D

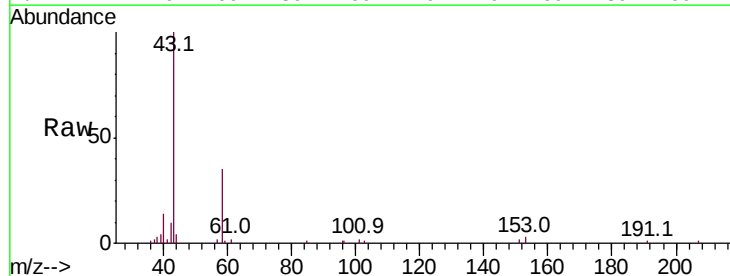
Acq: 24 Sep 2020 11:09

Tgt Ion: 43 Resp: 70600

Ion Ratio Lower Upper

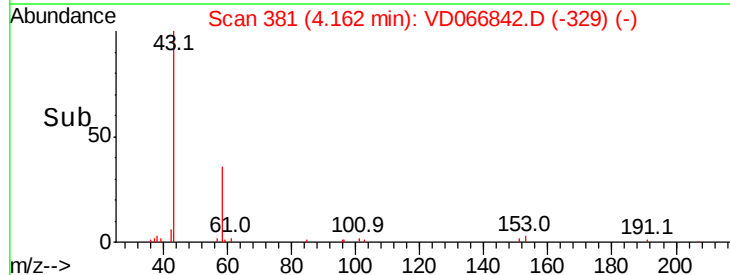
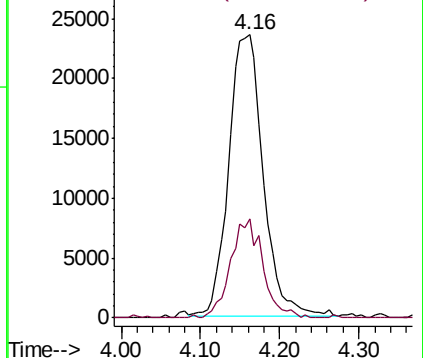
43 100

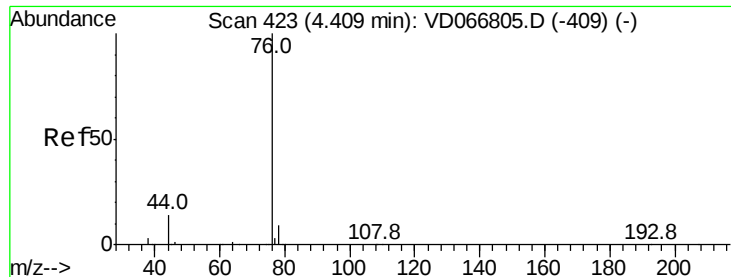
58 35.3 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

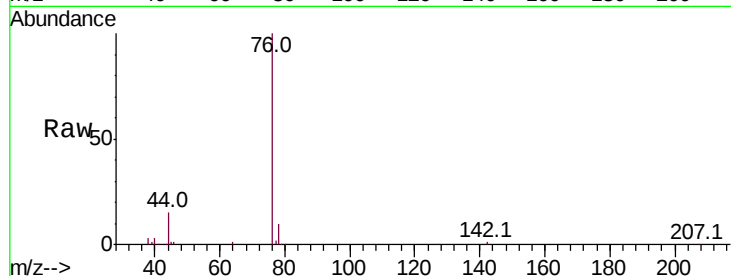




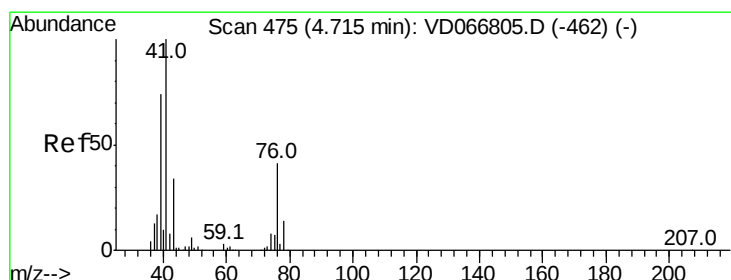
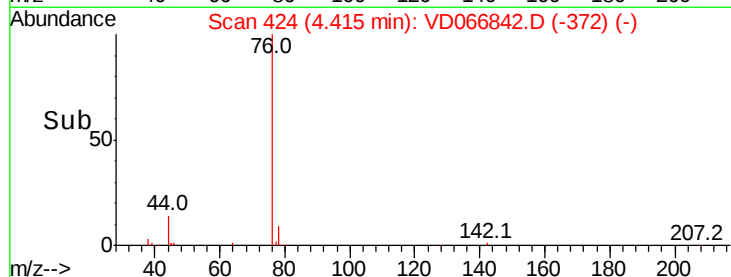
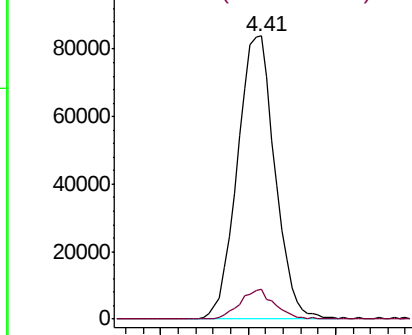
#17  
Carbon Disulfide  
Concen: 20.752 ug/l  
RT: 4.41 min Scan# 424  
Delta R.T. 0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

Tot Ion: 76 Resp: 244533  
Ion Ratio Lower Upper  
76 100  
78 10.5 7.6 11.4

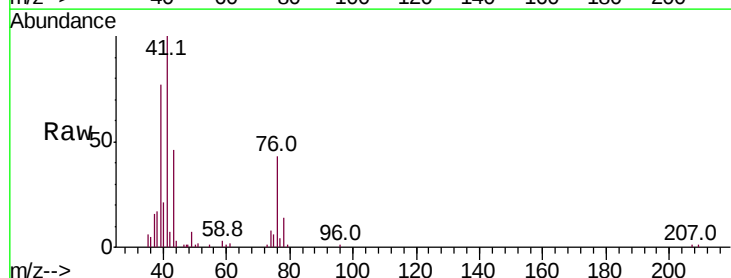


Abundance Ion 75.90 (75.60 to 76.60): VDC  
Ion 77.90 (77.60 to 78.60): VDC

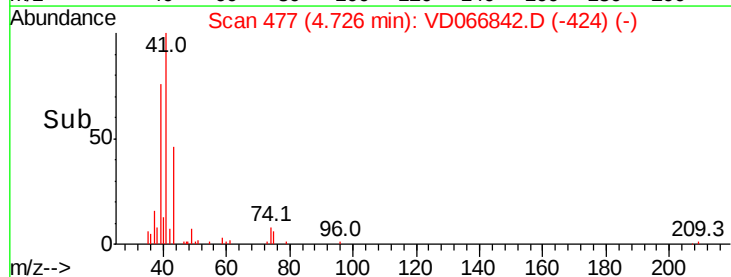
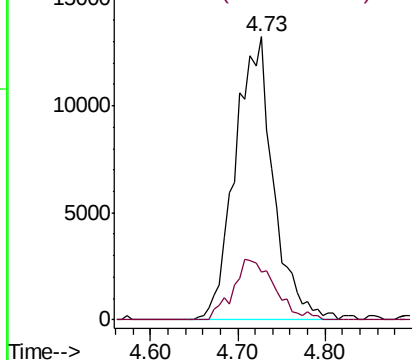


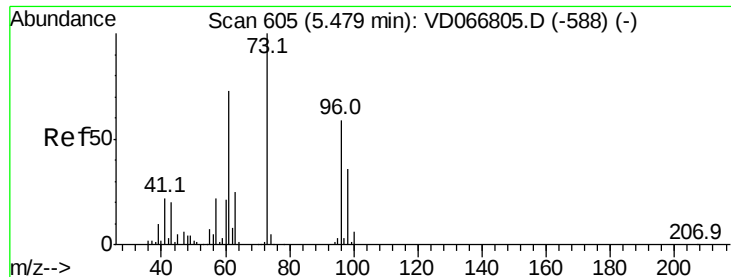
#18  
Methyl Acetate  
Concen: 19.327 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. 0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion: 43 Resp: 39301  
Ion Ratio Lower Upper  
43 100  
74 23.4 20.3 30.5



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

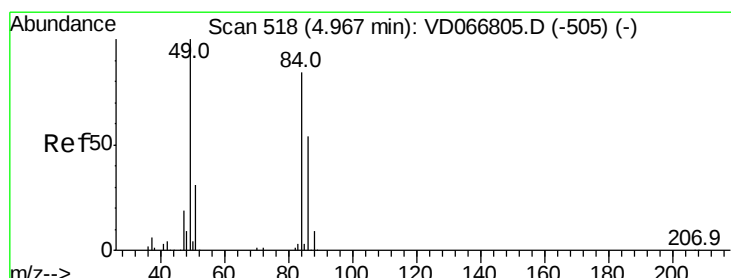
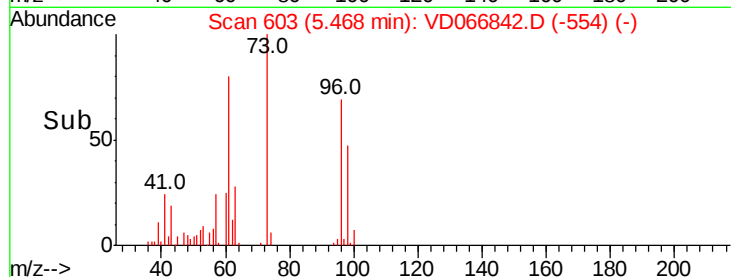
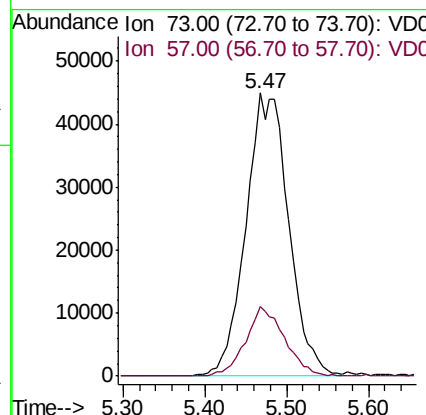
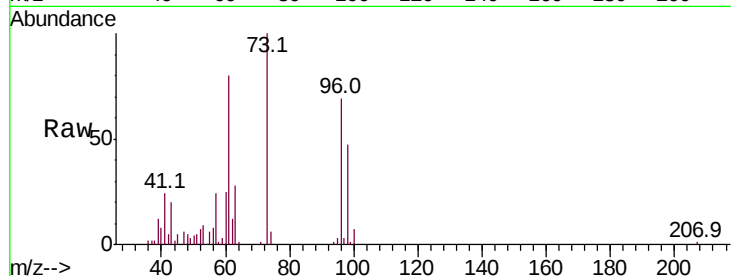




#19  
Methyl tert-butyl Ether  
Concen: 19.481 ug/l  
RT: 5.47 min Scan# 603  
Delta R.T. -0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

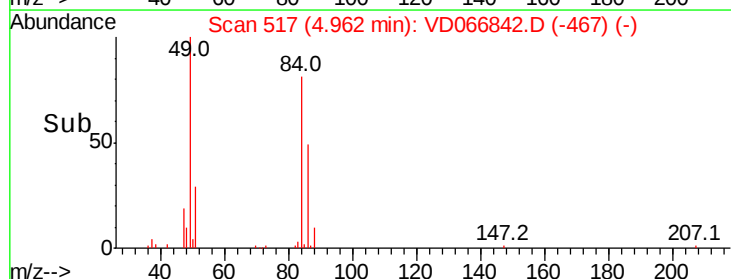
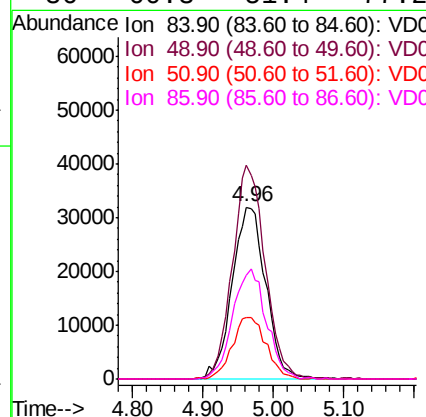
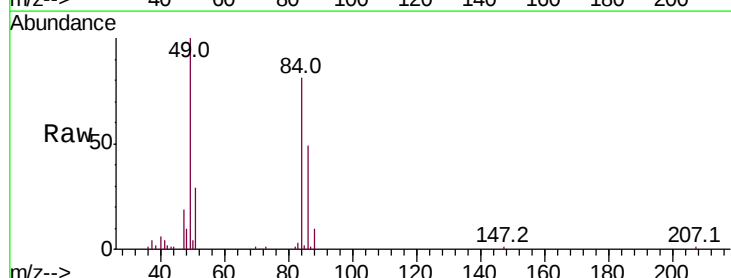
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

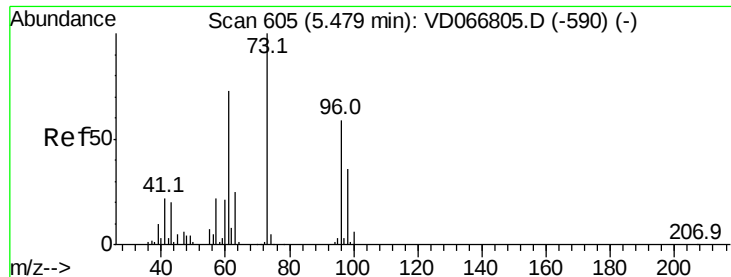
Tot Ion: 73 Resp: 163063  
Ion Ratio Lower Upper  
73 100  
57 24.5 17.4 26.2



#20  
Methylene Chloride  
Concen: 20.574 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion: 84 Resp: 105855  
Ion Ratio Lower Upper  
84 100  
49 124.1 95.4 143.2  
51 35.8 29.7 44.5  
86 60.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.760 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

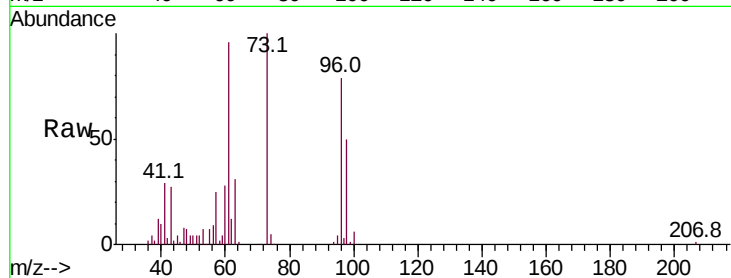
Tot Ion: 96 Resp: 92647

Ion Ratio Lower Upper

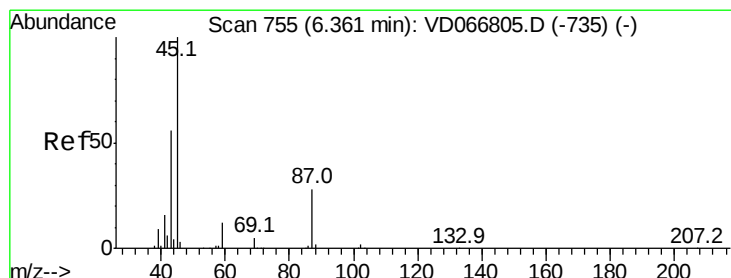
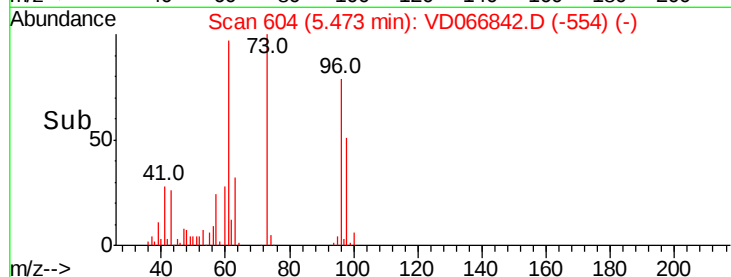
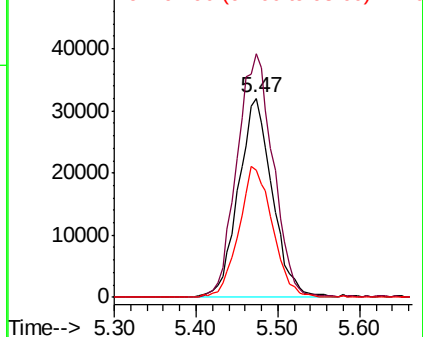
96 100

61 122.3 98.9 148.3

98 63.8 48.4 72.6



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: 20.796 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Tgt Ion: 45 Resp: 241999

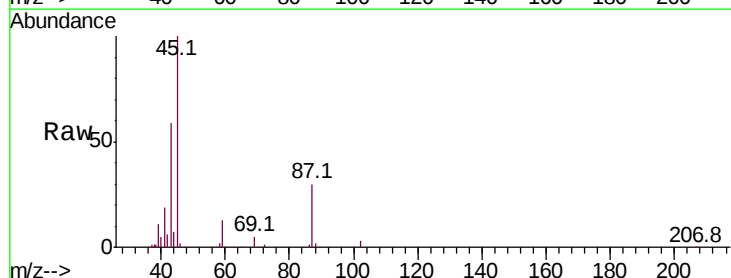
Ion Ratio Lower Upper

45 100

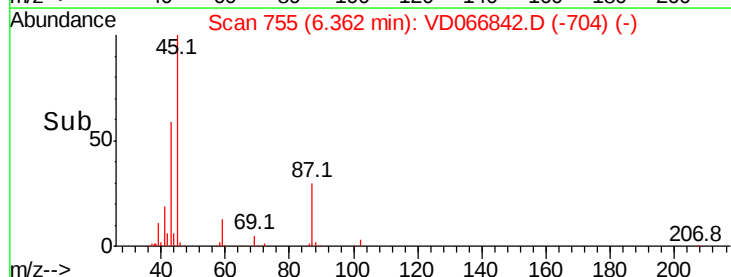
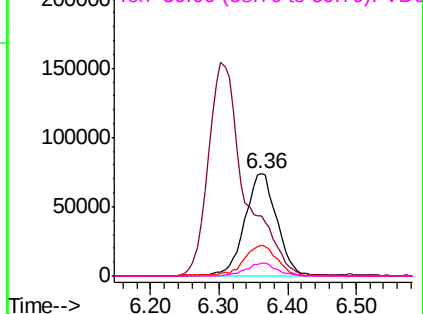
43 58.1 44.5 66.7

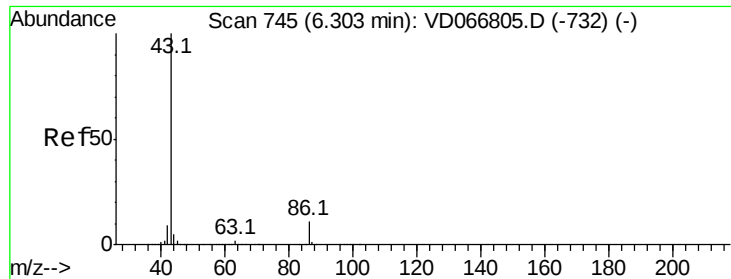
87 30.4 22.9 34.3

59 12.5 9.4 14.0



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: 91.781 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

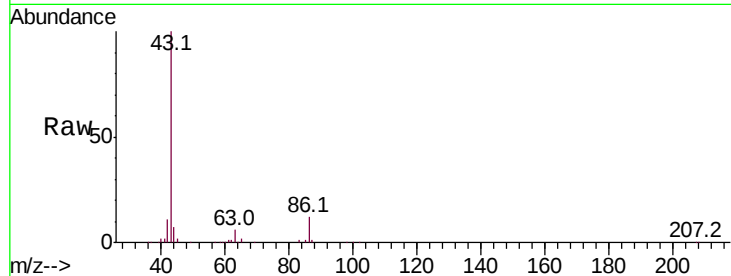
VD0924SBS01

Tot Ion: 43 Resp: 569071

Ion Ratio Lower Upper

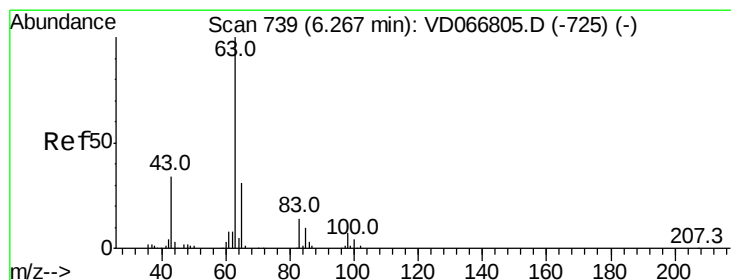
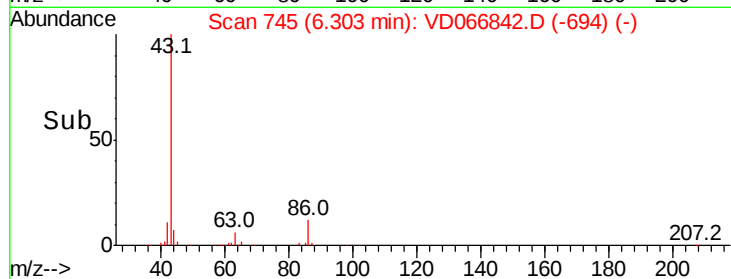
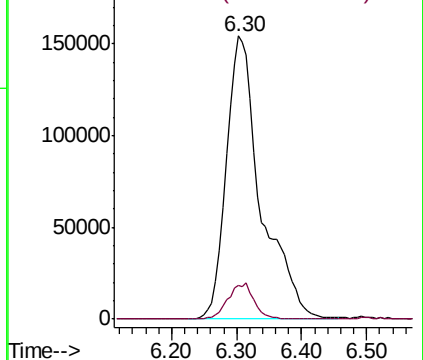
43 100

86 11.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.022 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

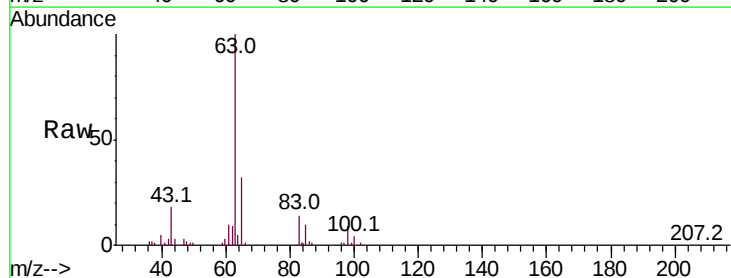
Tgt Ion: 63 Resp: 155869

Ion Ratio Lower Upper

63 100

98 8.9 3.7 11.1

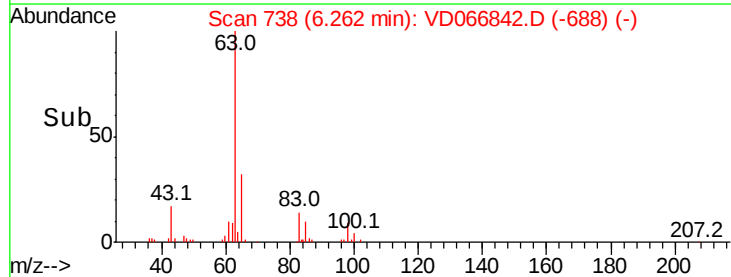
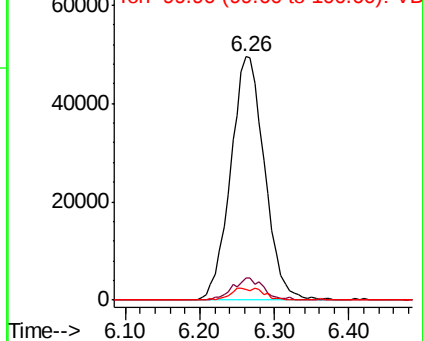
100 4.3 1.8 5.5

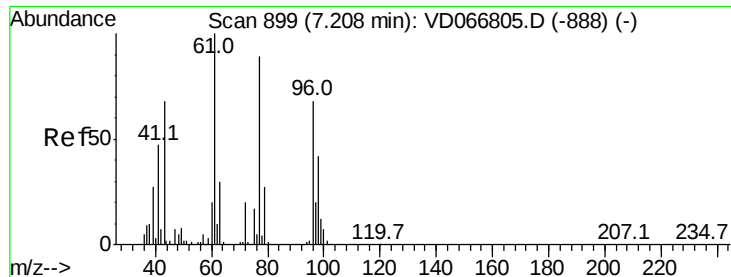


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 94.797 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

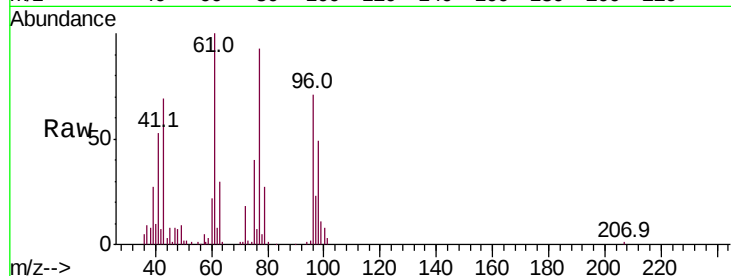
VD0924SBS01

Tot Ion: 43 Resp: 93100

Ion Ratio Lower Upper

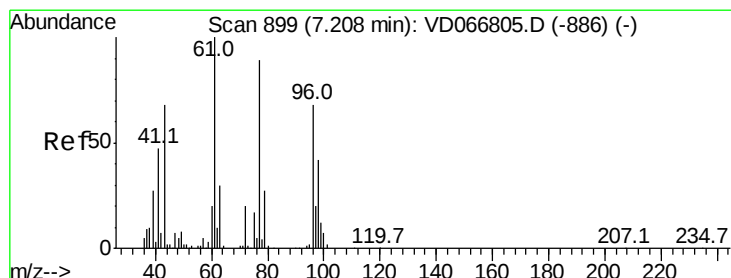
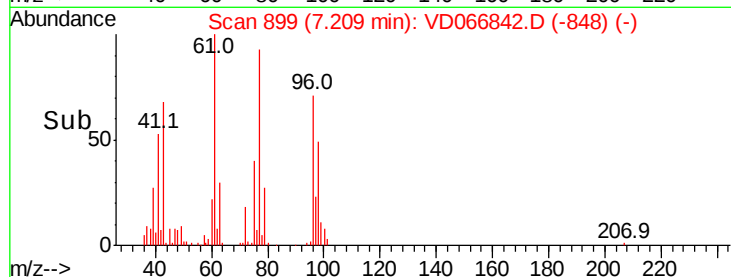
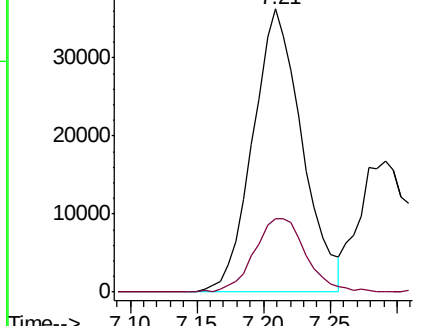
43 100

72 25.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.805 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066842.D

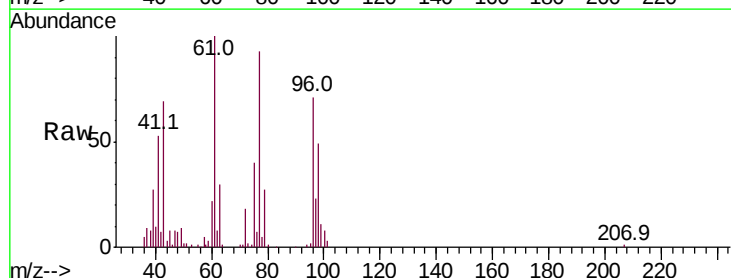
Acq: 24 Sep 2020 11:09

Tgt Ion: 77 Resp: 141314

Ion Ratio Lower Upper

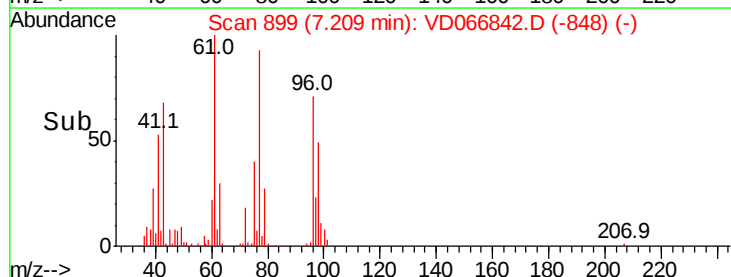
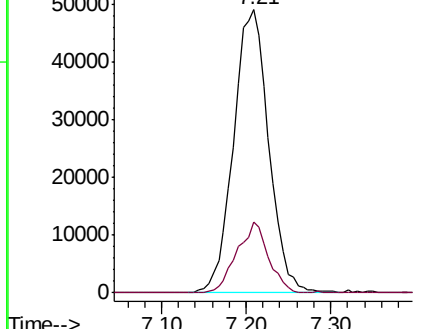
77 100

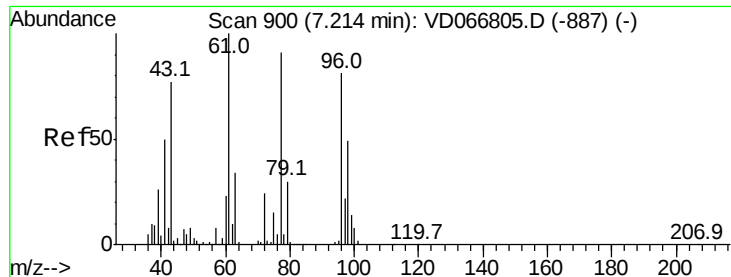
97 22.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



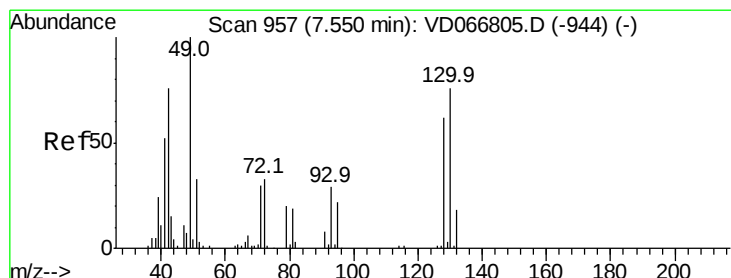
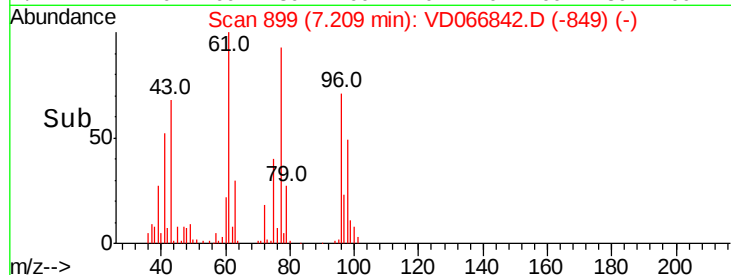
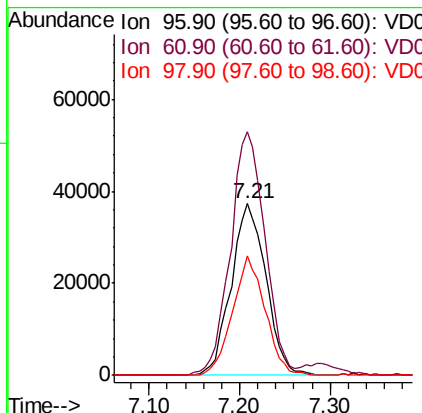
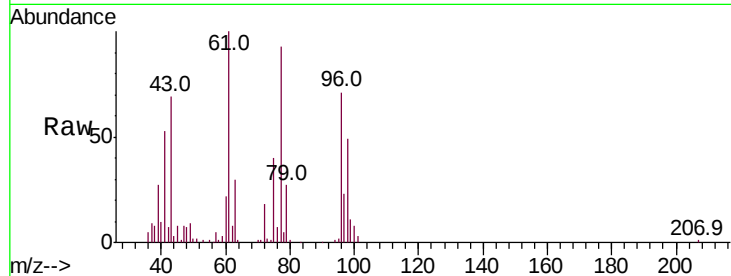


#27

cis-1,2-Dichloroethene  
Concen: 20.555 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

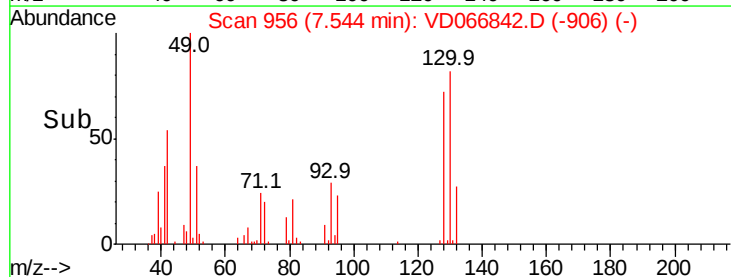
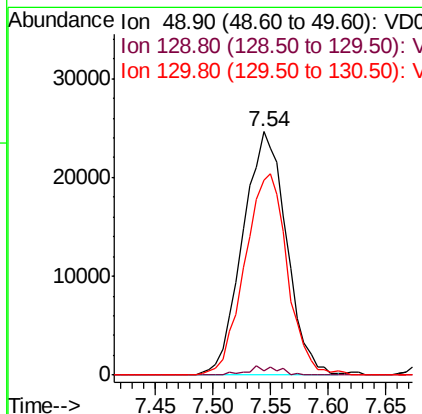
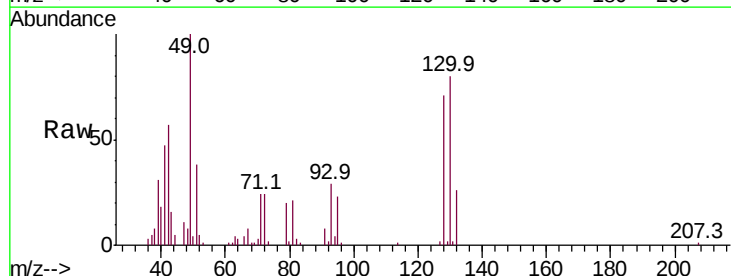
Tot Ion: 96 Resp: 99668  
Ion Ratio Lower Upper  
96 100  
61 141.1 0.0 283.8  
98 64.9 0.0 128.4

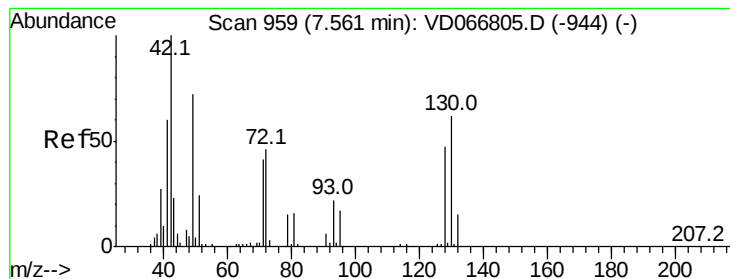


#28

Bromochloromethane  
Concen: 20.227 ug/l  
RT: 7.54 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion: 49 Resp: 65052  
Ion Ratio Lower Upper  
49 100  
129 1.3 0.0 2.0  
130 80.7 65.9 98.9





#29

Tetrahydrofuran

Concen: 97.645 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

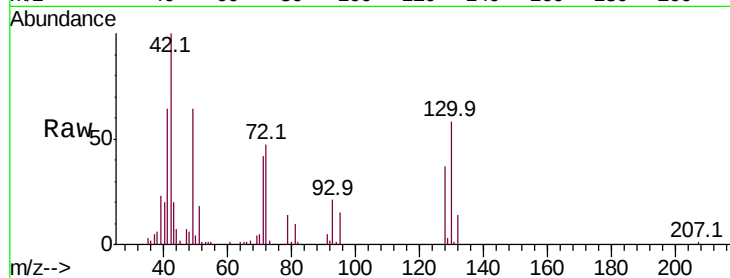
Tot Ion: 42 Resp: 61446

Ion Ratio Lower Upper

42 100

72 45.6 36.2 54.4

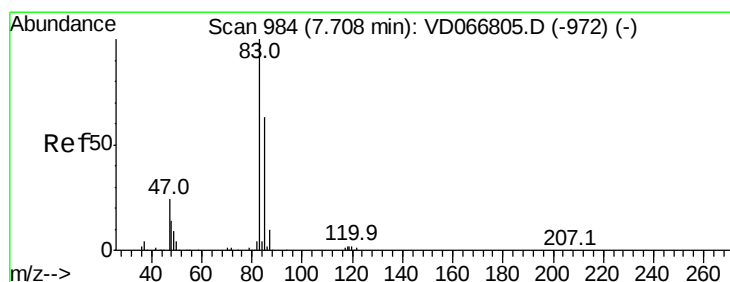
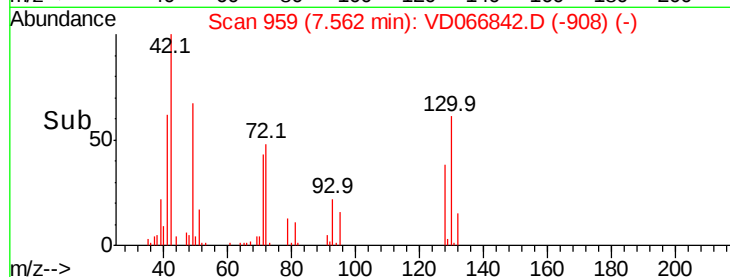
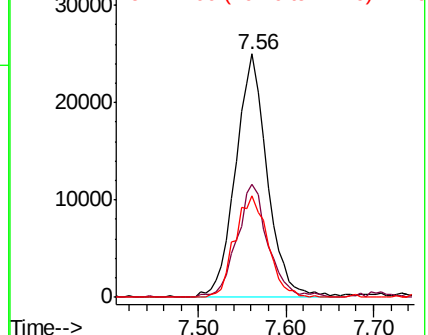
71 43.2 32.4 48.6



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 20.538 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD066842.D

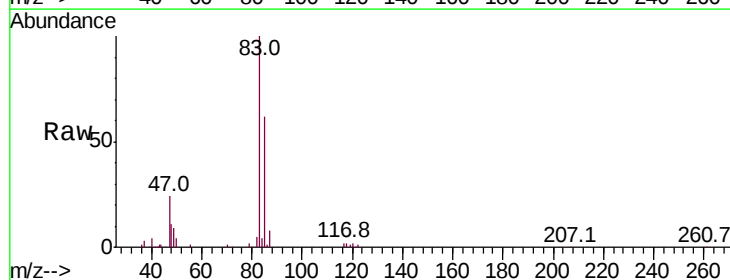
Acq: 24 Sep 2020 11:09

Tgt Ion: 83 Resp: 172345

Ion Ratio Lower Upper

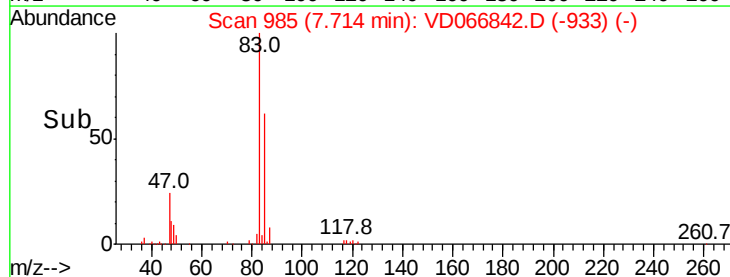
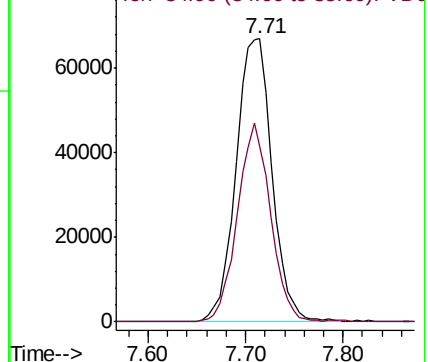
83 100

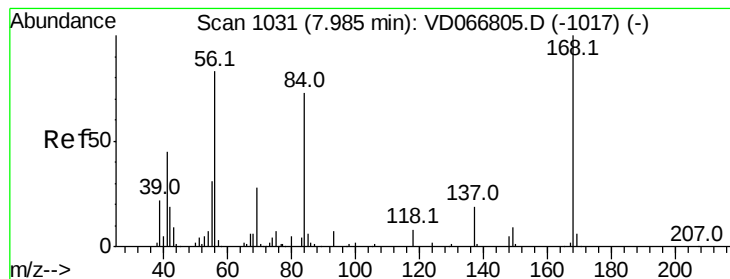
85 62.0 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 19.529 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

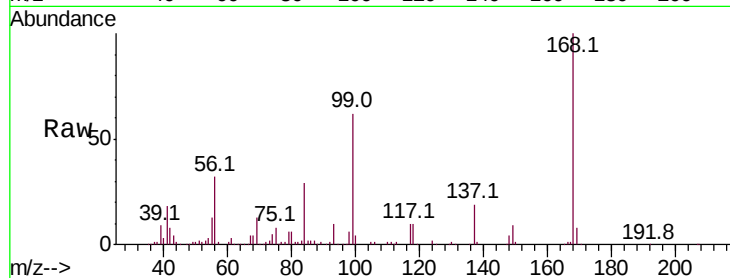
Tot Ion: 56 Resp: 136793

Ion Ratio Lower Upper

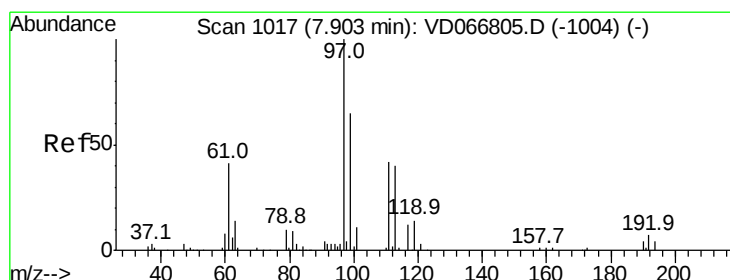
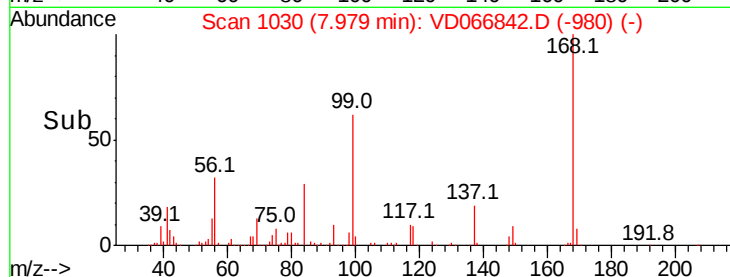
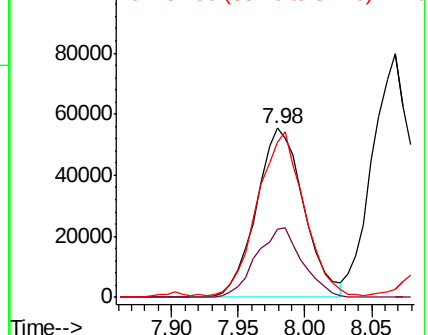
56 100

69 40.3 27.0 40.4

84 90.8 70.2 105.4



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



#32

1,1,1-Trichloroethane

Concen: 20.409 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

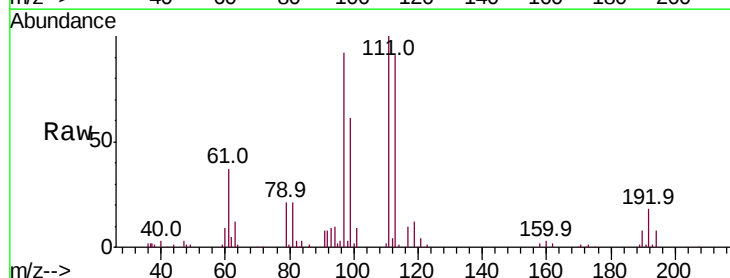
Tgt Ion: 97 Resp: 154928

Ion Ratio Lower Upper

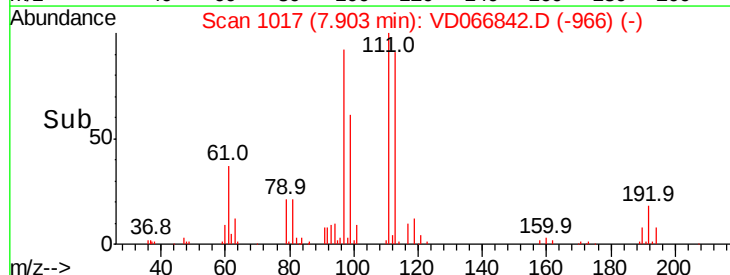
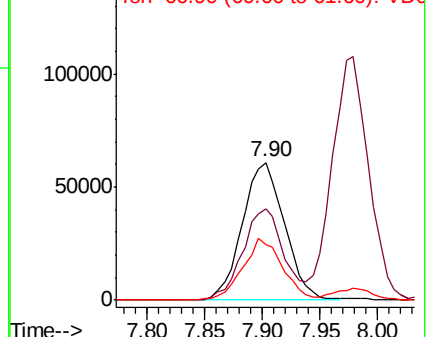
97 100

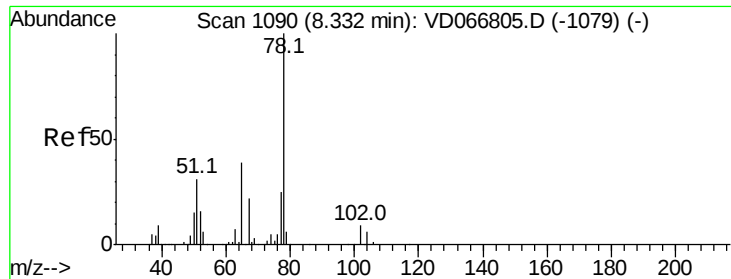
99 64.8 51.5 77.3

61 41.9 34.2 51.4



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: 48.568 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

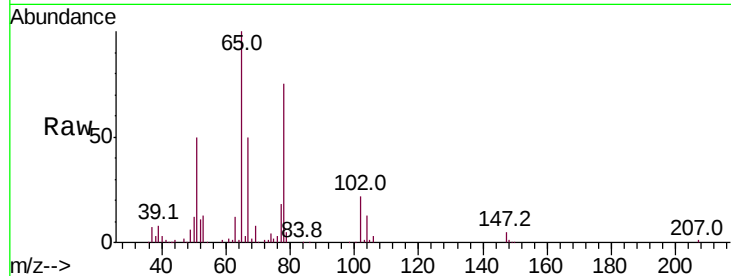
VD0924SBS01

Tot Ion: 65 Resp: 187104

Ion Ratio Lower Upper

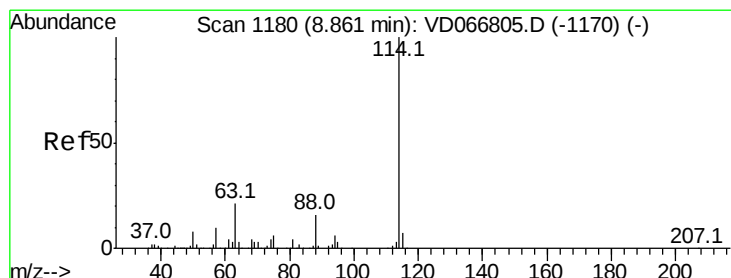
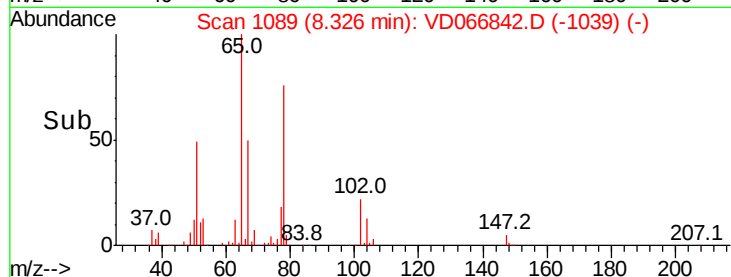
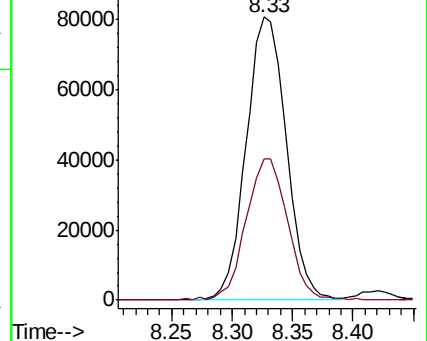
65 100

67 51.8 0.0 107.2



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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

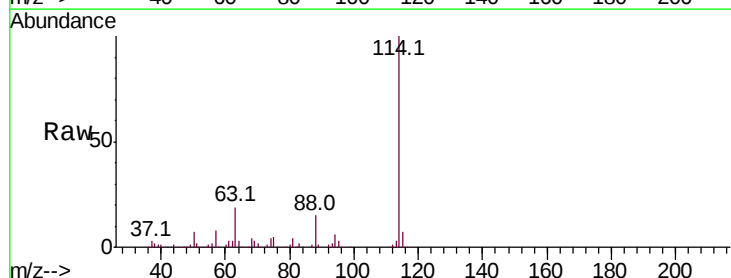
Tgt Ion: 114 Resp: 633617

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

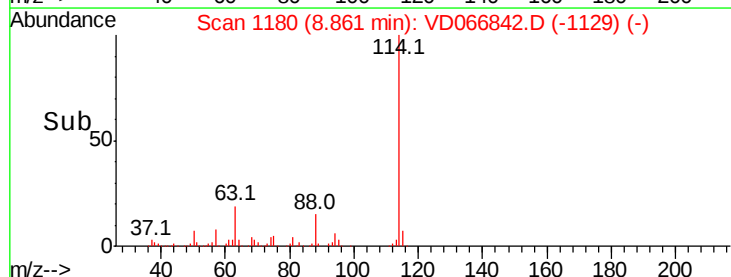
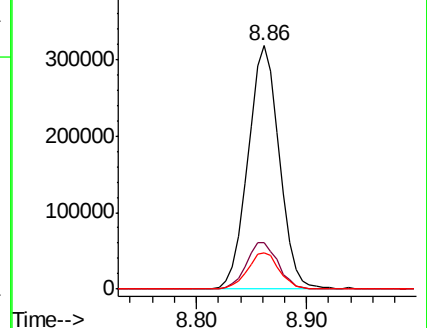
88 14.9 0.0 32.6

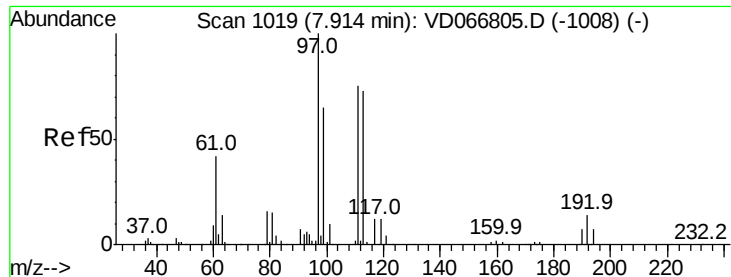


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

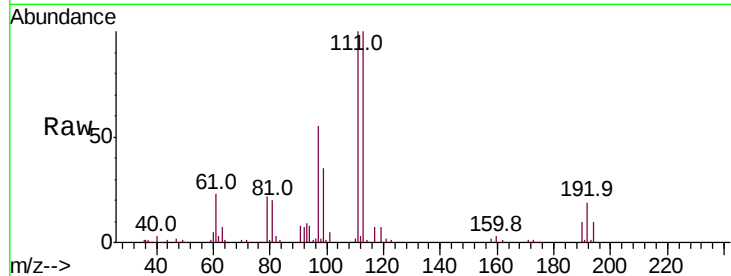




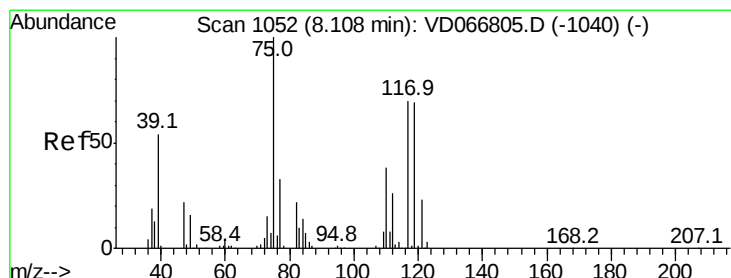
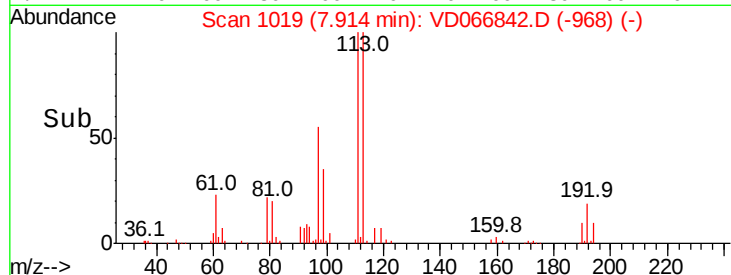
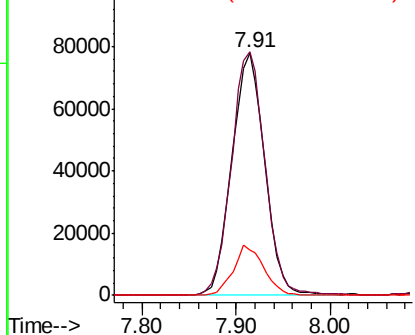
#35  
 Dibromofluoromethane  
 Concen: 46.895 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: VD066842.D  
 Acq: 24 Sep 2020 11:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0924SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.6 | 81.8  | 122.8 |
| 192     | 19.1  | 14.4  | 21.6  |

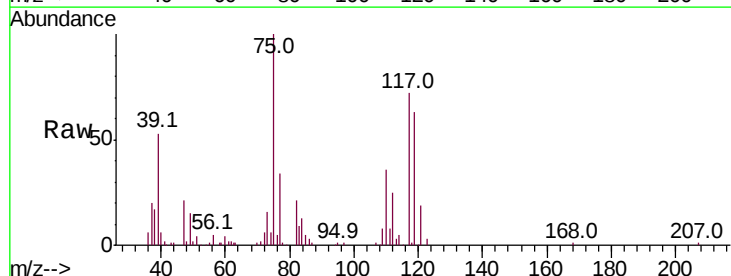


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

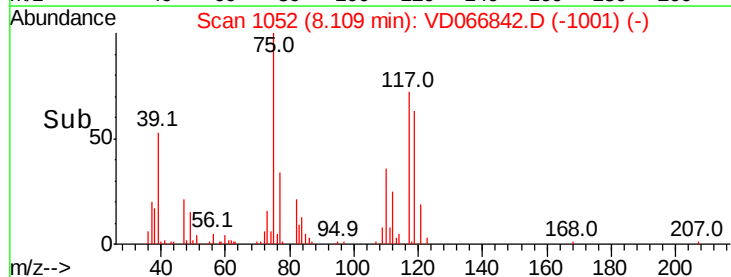
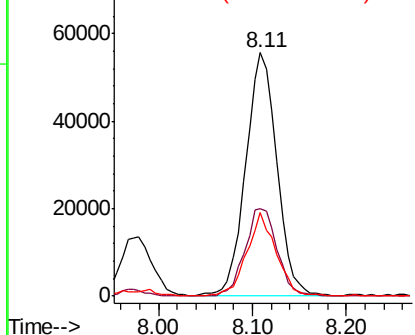


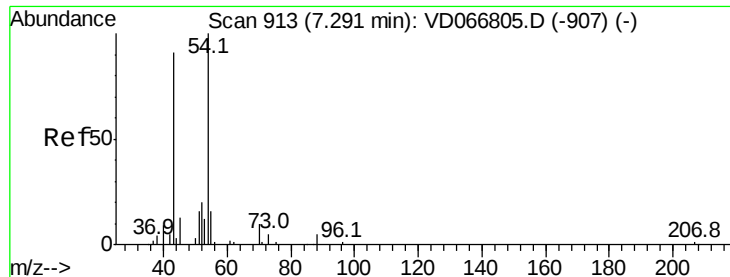
#36  
 1,1-Dichloropropene  
 Concen: 20.456 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VD066842.D  
 Acq: 24 Sep 2020 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.9  | 17.9  | 53.8  |
| 77      | 32.1  | 25.0  | 37.6  |



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

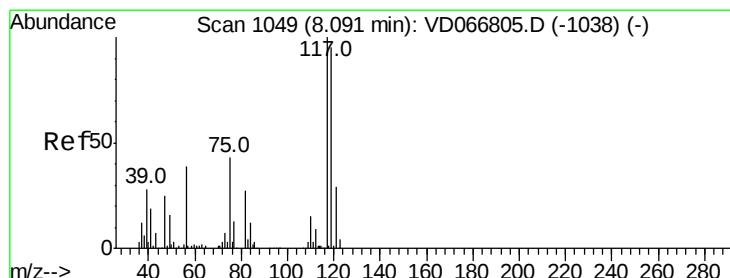
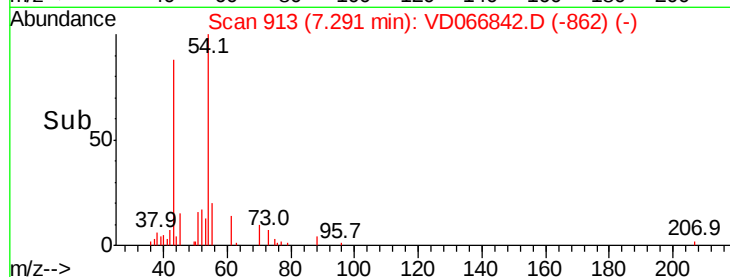
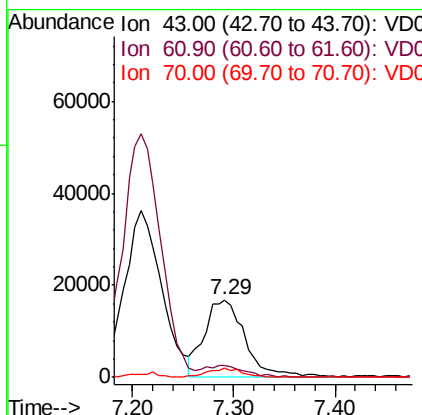
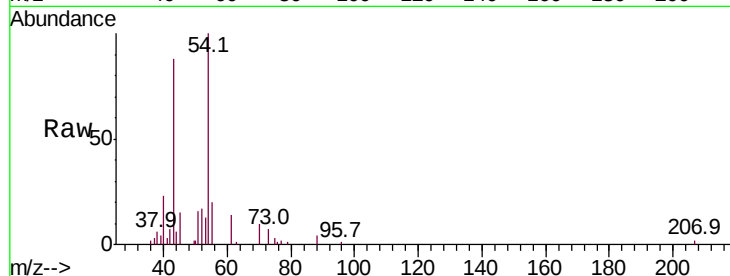




#37  
Ethyl Acetate  
Concen: 20.662 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

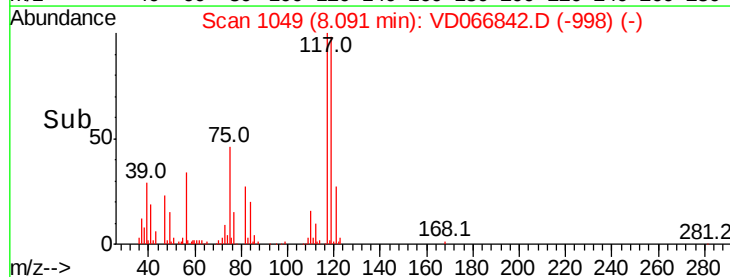
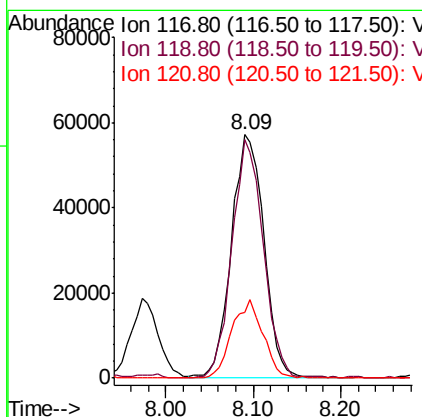
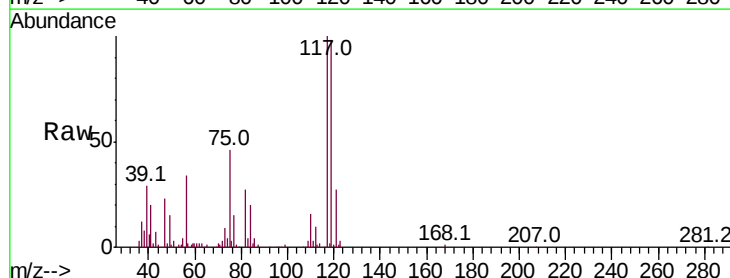
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

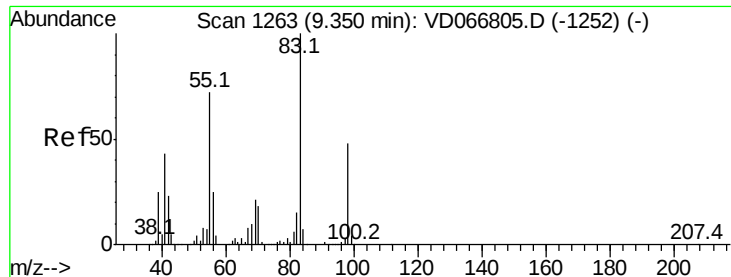
Tot Ion: 43 Resp: 46953  
Ion Ratio Lower Upper  
43 100  
61 13.1 9.8 14.8  
70 10.3 8.5 12.7



#38  
Carbon Tetrachloride  
Concen: 21.014 ug/l  
RT: 8.09 min Scan# 1049  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion: 117 Resp: 144413  
Ion Ratio Lower Upper  
117 100  
119 97.9 75.8 113.8  
121 27.1 23.4 35.0

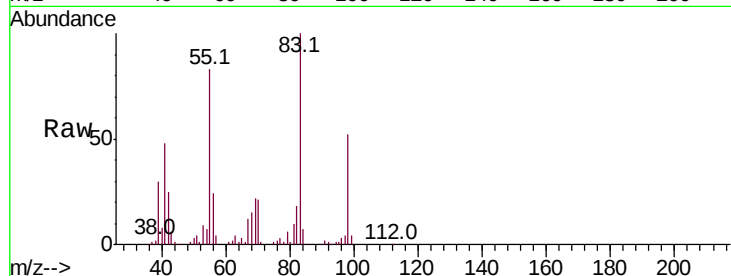




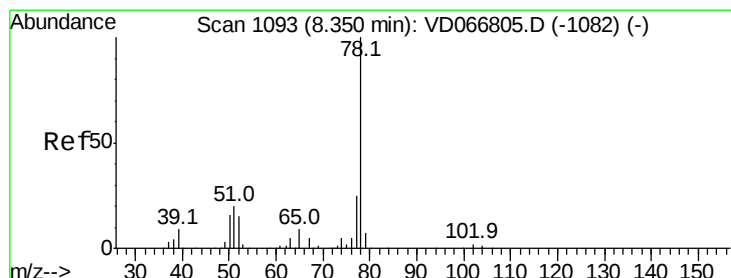
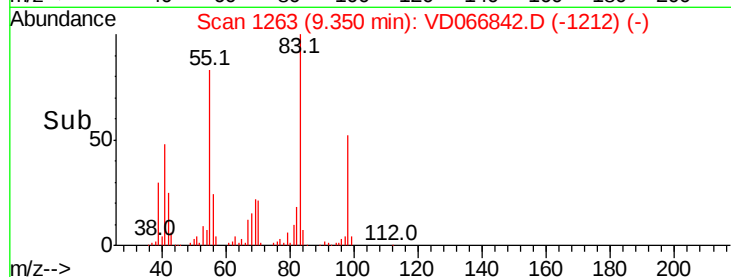
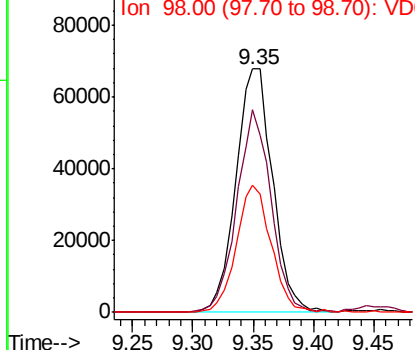
#39  
Methvlcvclohexane  
Concen: 19.989 ug/l  
RT: 9.35 min Scan# 1263  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

Tot Ion: 83 Resp: 144267  
Ion Ratio Lower Upper  
83 100  
55 83.5 57.7 86.5  
98 52.2 38.4 57.6

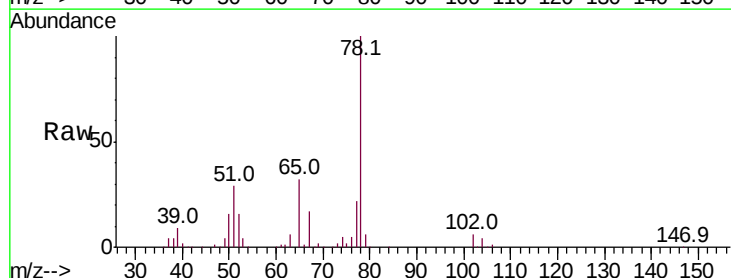


Abundance Ion 83.00 (82.70 to 83.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.00 (97.70 to 98.70): VDC

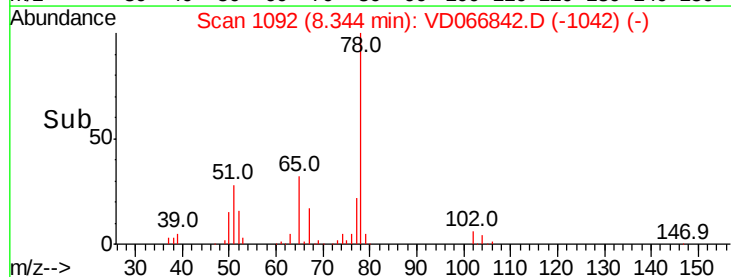
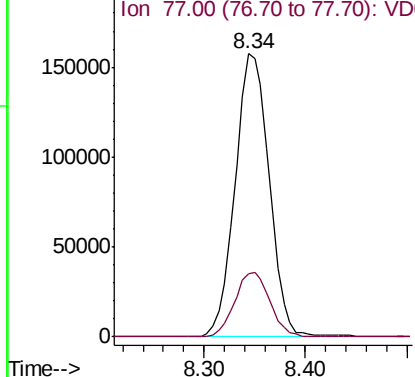


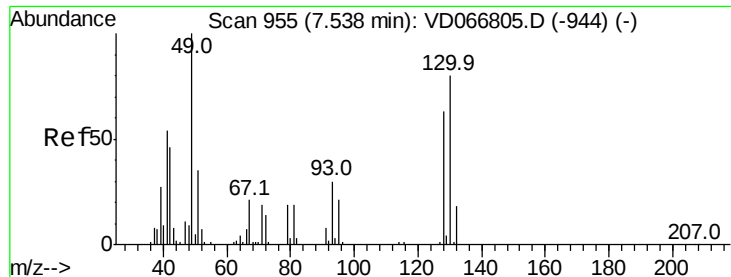
#40  
Benzene  
Concen: 21.013 ug/l  
RT: 8.34 min Scan# 1092  
Delta R.T. -0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion: 78 Resp: 368126  
Ion Ratio Lower Upper  
78 100  
77 22.2 19.9 29.9



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





#41

Methacrylonitrile

Concen: 44.877 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.02 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

Tot Ion: 41 Resp: 62714

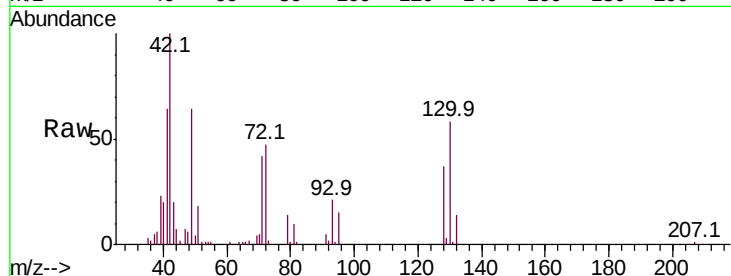
Ion Ratio Lower Upper

41 100

39 31.9 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

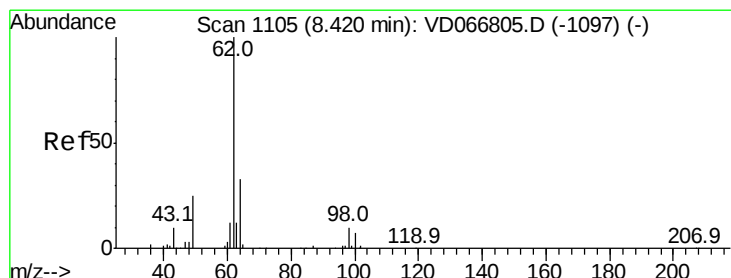
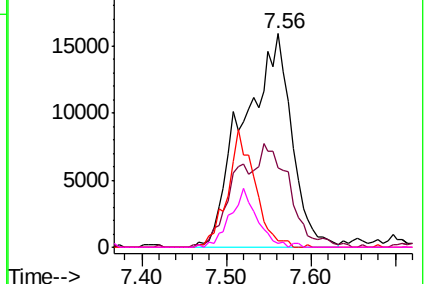
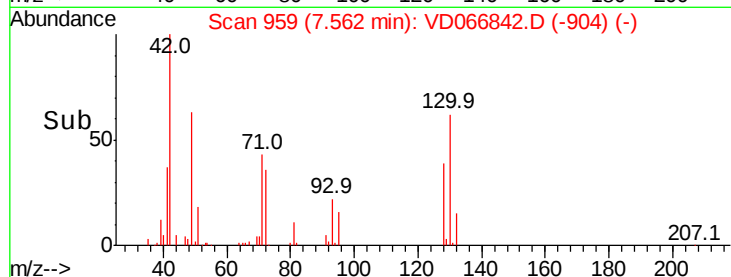


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.836 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066842.D

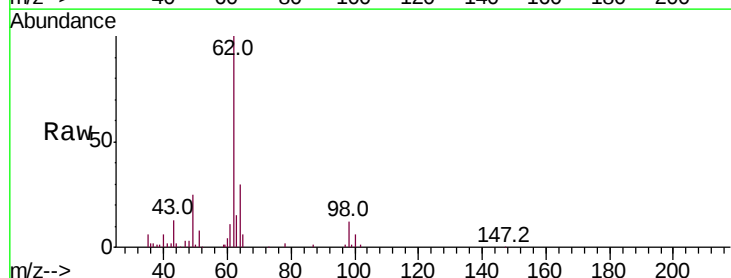
Acq: 24 Sep 2020 11:09

Tgt Ion: 62 Resp: 107910

Ion Ratio Lower Upper

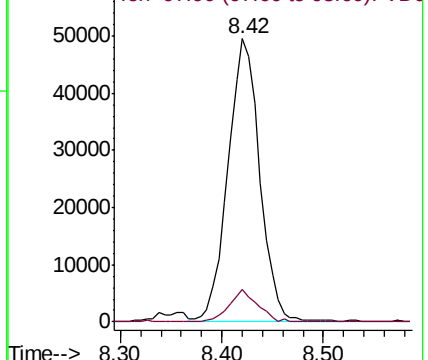
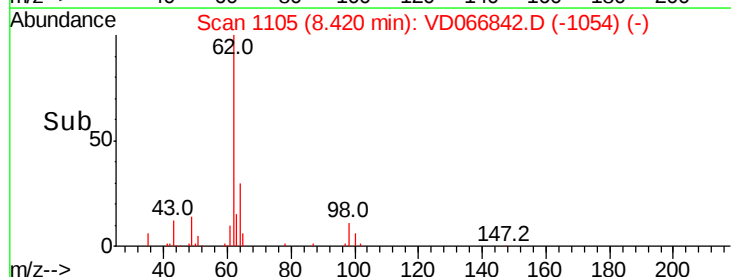
62 100

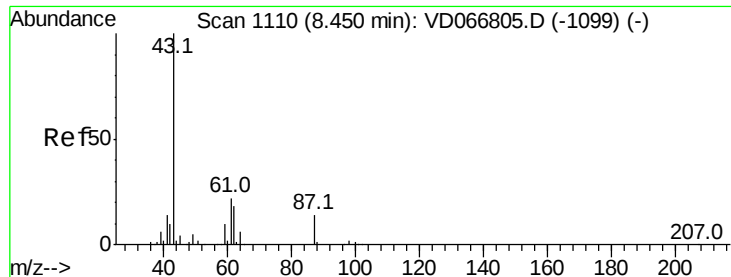
98 10.3 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.391 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

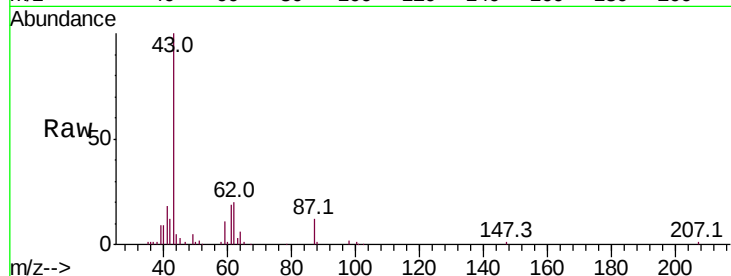
Tot Ion: 43 Resp: 84953

Ion Ratio Lower Upper

43 100

61 32.8 26.2 39.4

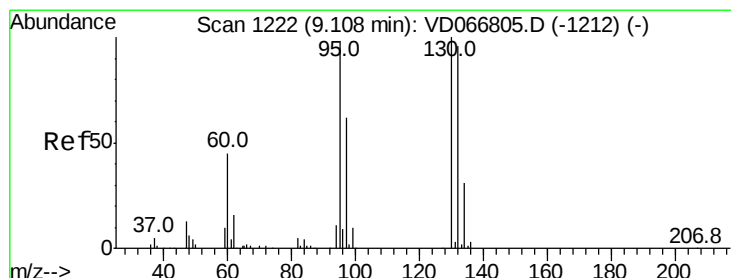
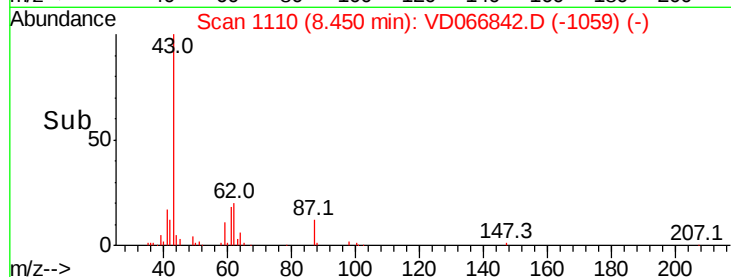
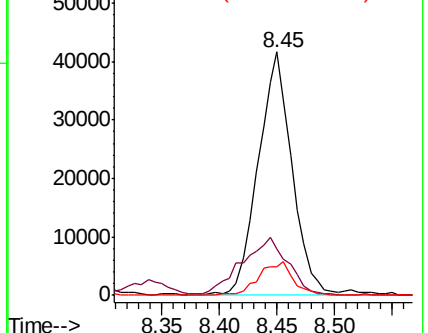
87 13.9 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.670 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066842.D

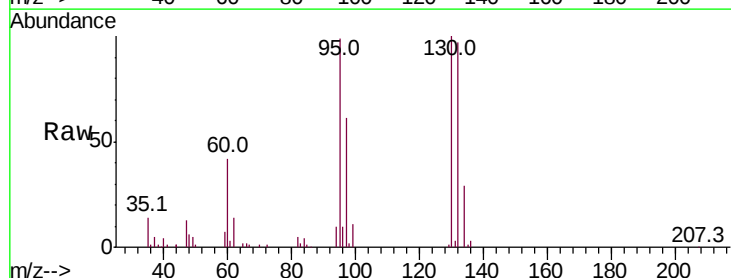
Acq: 24 Sep 2020 11:09

Tgt Ion: 130 Resp: 103217

Ion Ratio Lower Upper

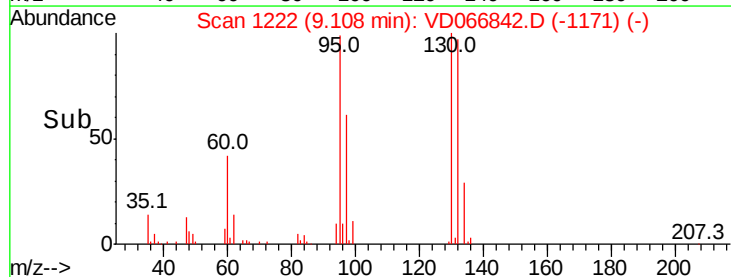
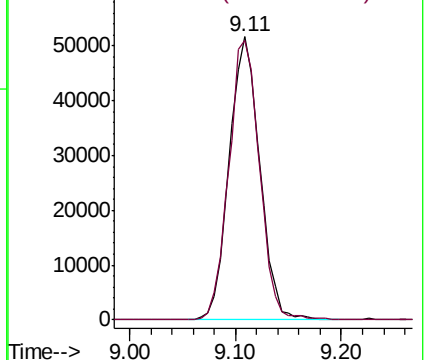
130 100

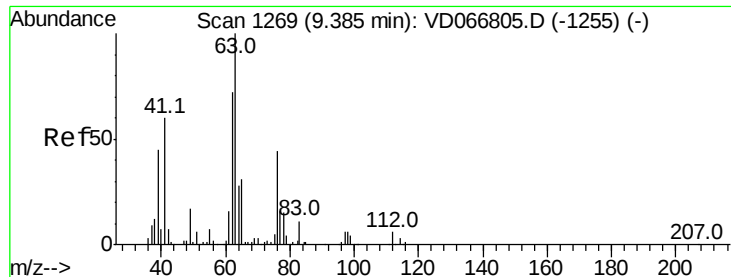
95 98.8 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.288 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

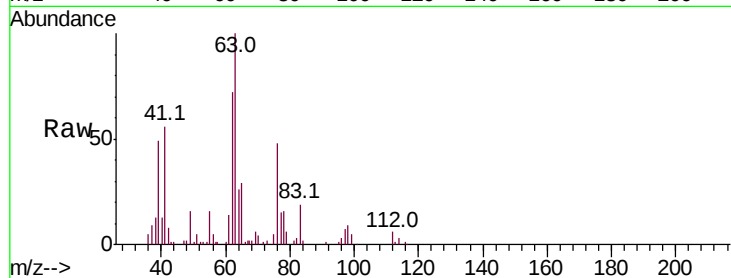
VD0924SBS01

Tot Ion: 63 Resp: 89425

Ion Ratio Lower Upper

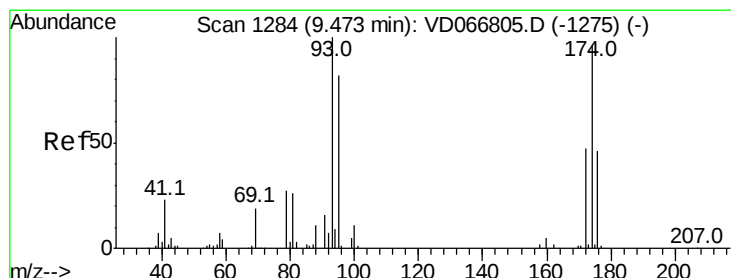
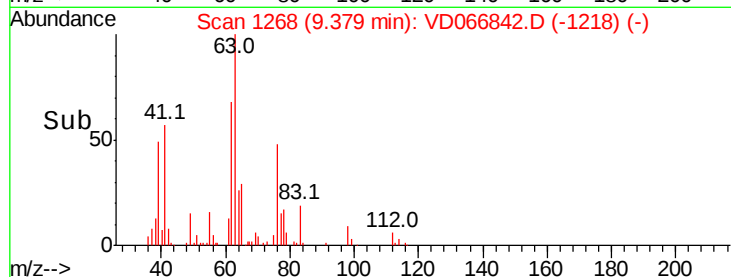
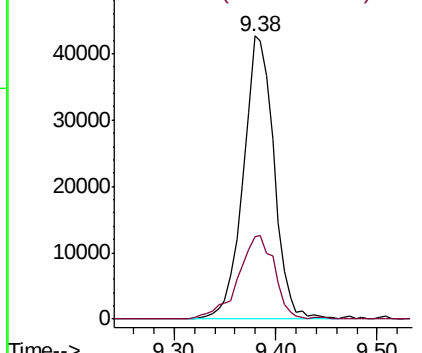
63 100

65 29.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.826 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

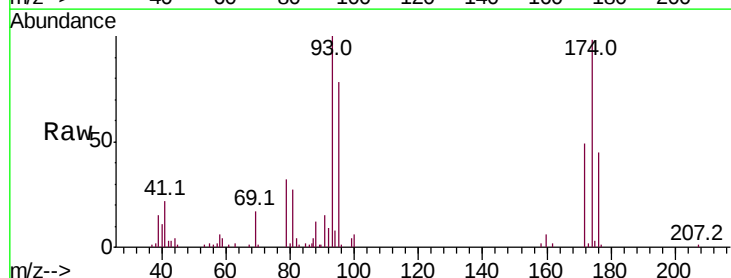
Tgt Ion: 93 Resp: 49875

Ion Ratio Lower Upper

93 100

95 84.9 65.3 97.9

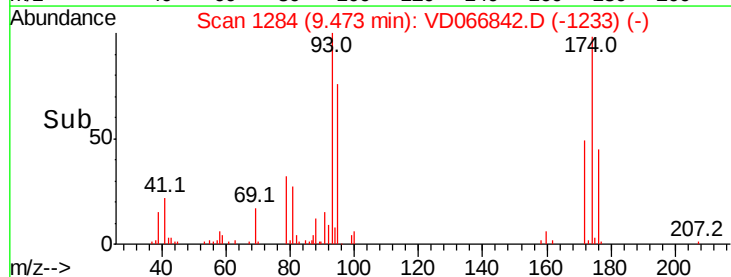
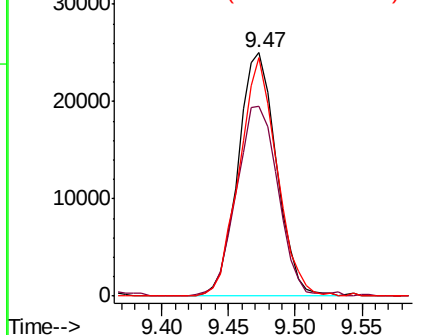
174 95.6 75.4 113.2

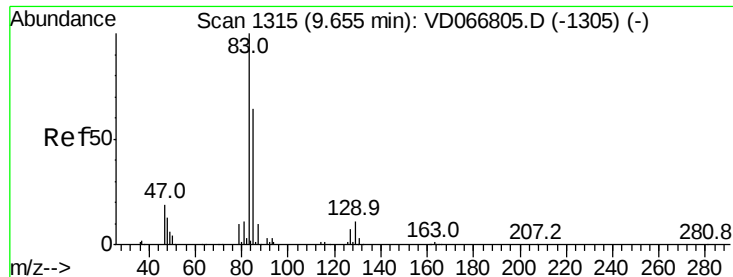


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.451 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

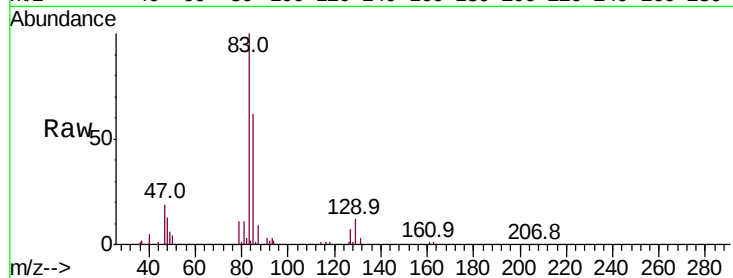
Tot Ion: 83 Resp: 131568

Ion Ratio Lower Upper

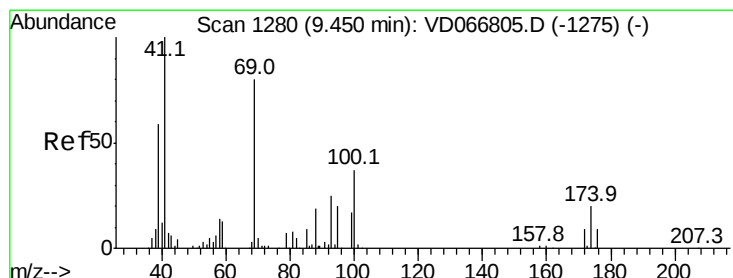
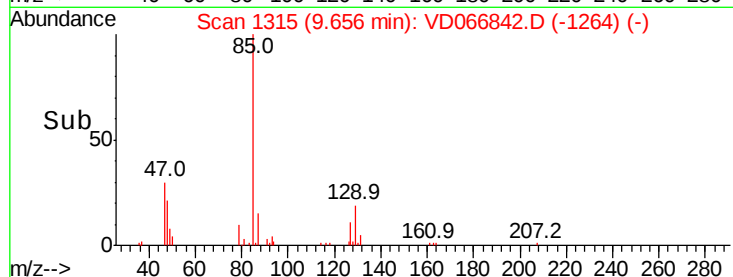
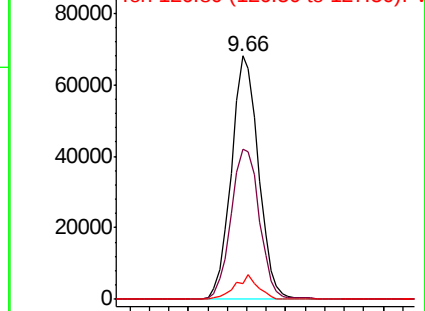
83 100

85 61.9 50.9 76.3

127 6.6 5.9 8.9



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



#48

Methyl methacrylate

Concen: 20.231 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

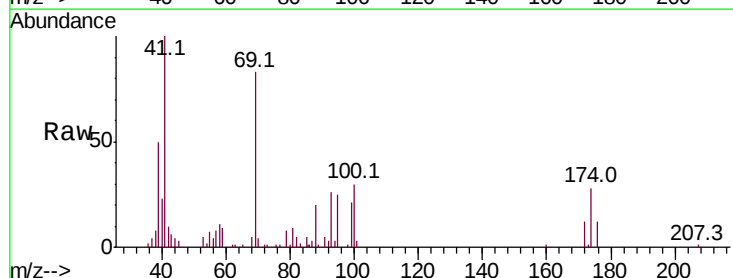
Tgt Ion: 41 Resp: 43701

Ion Ratio Lower Upper

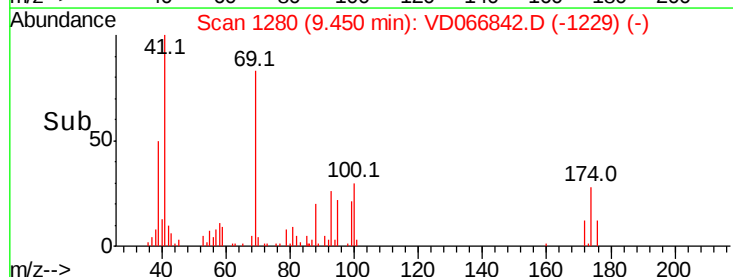
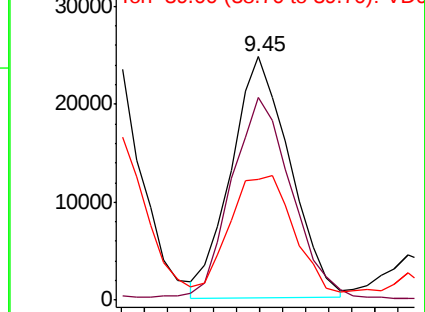
41 100

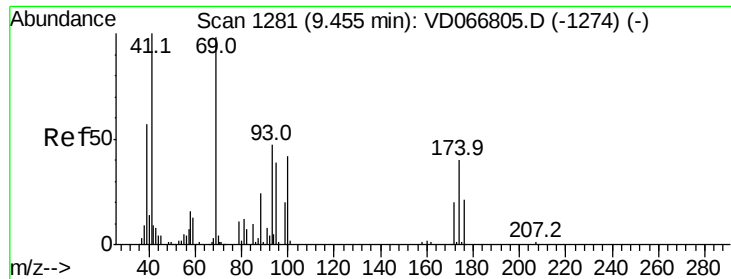
69 86.1 74.5 111.7

39 51.0 47.0 70.6



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

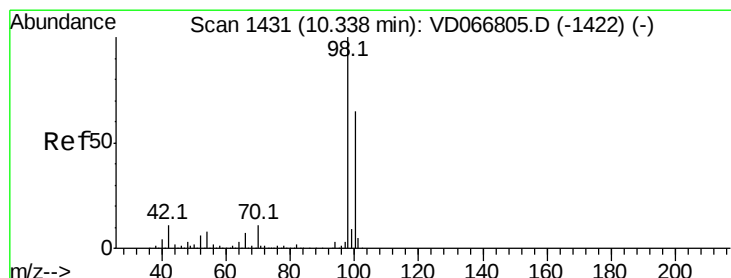
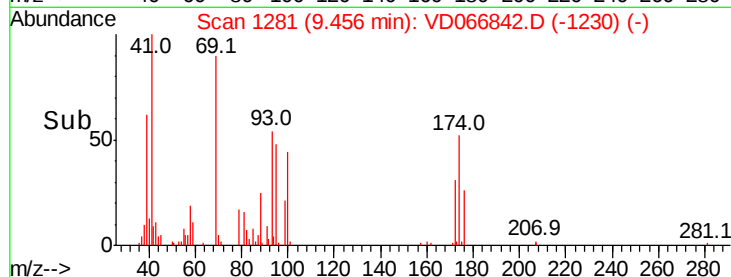
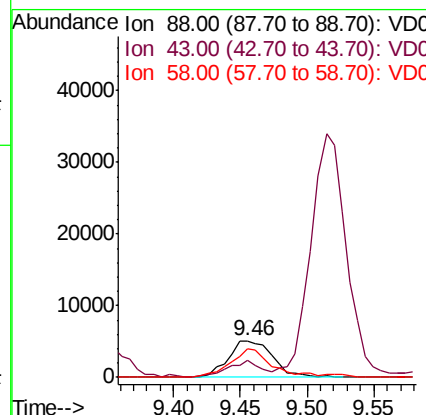
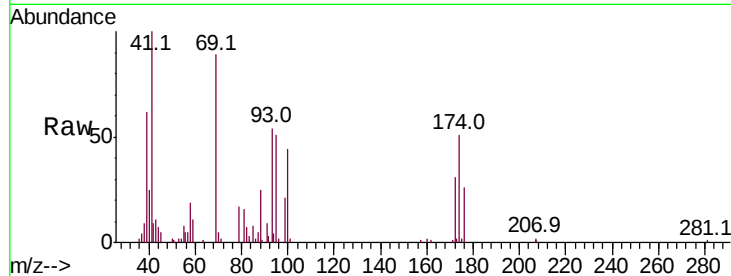




#49  
1,4-Dioxane  
Concen: 365.020 ug/l  
RT: 9.46 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

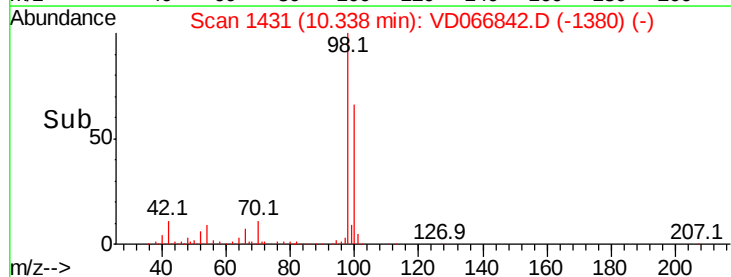
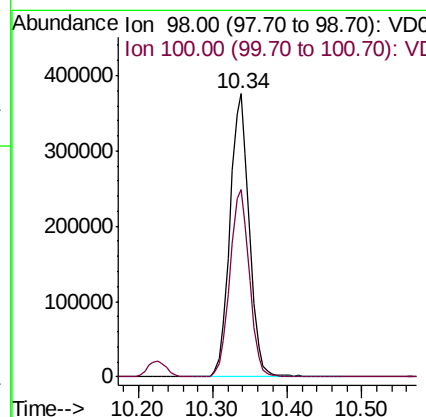
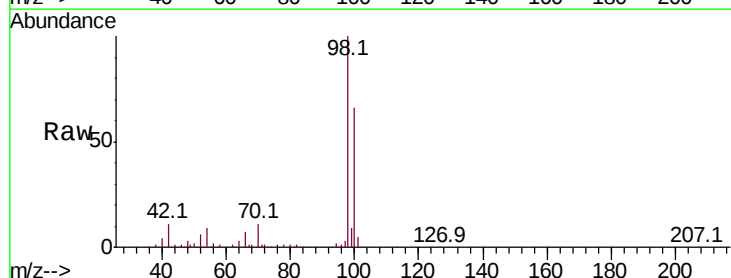
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

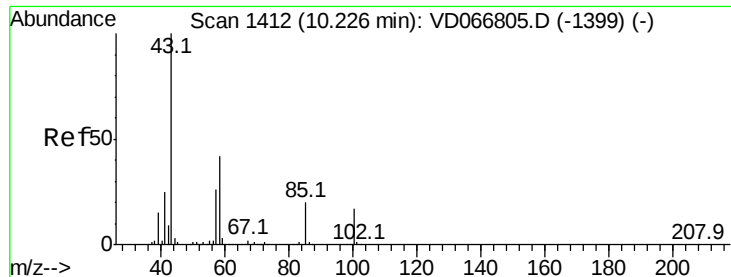
Tot Ion: 88 Resp: 11703  
Ion Ratio Lower Upper  
88 100  
43 34.8 27.7 41.5  
58 67.6 55.5 83.3



#50  
Toluene-d8  
Concen: 49.460 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion: 98 Resp: 679308  
Ion Ratio Lower Upper  
98 100  
100 66.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 98.534 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

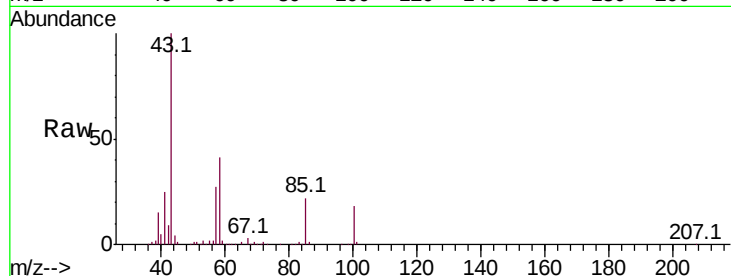
VD0924SBS01

Tot Ion: 43 Resp: 218740

Ion Ratio Lower Upper

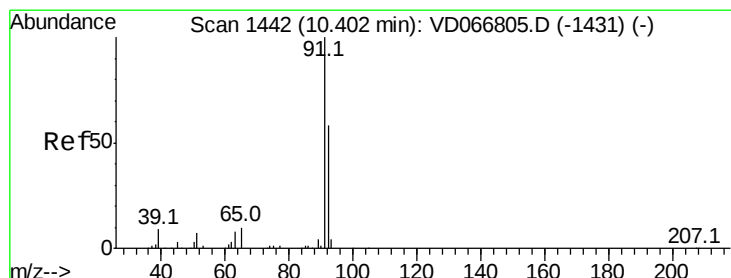
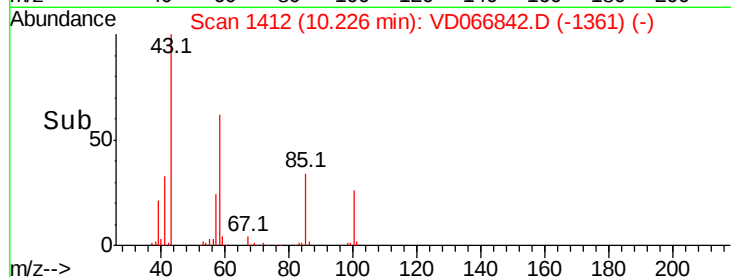
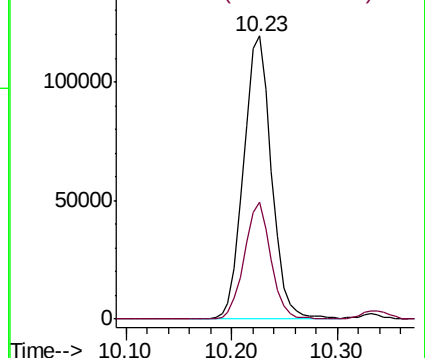
43 100

58 39.2 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.247 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066842.D

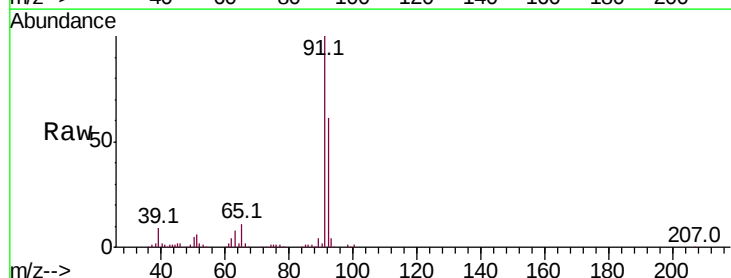
Acq: 24 Sep 2020 11:09

Tgt Ion: 92 Resp: 239764

Ion Ratio Lower Upper

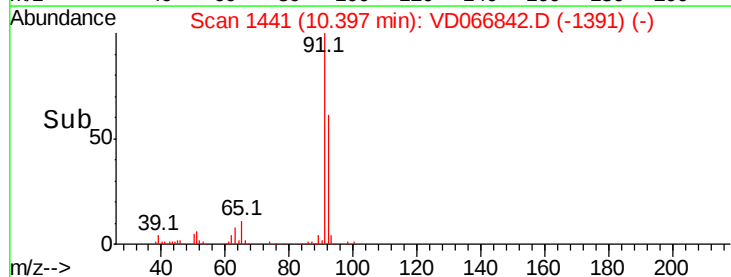
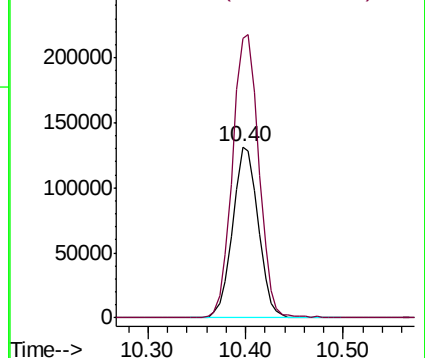
92 100

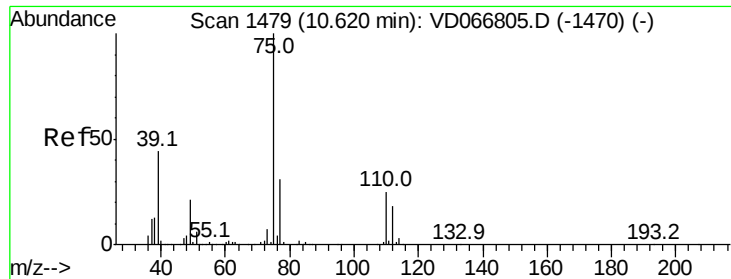
91 171.3 134.6 202.0



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: 19.655 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

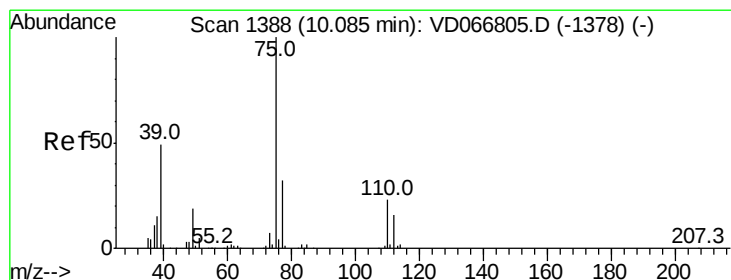
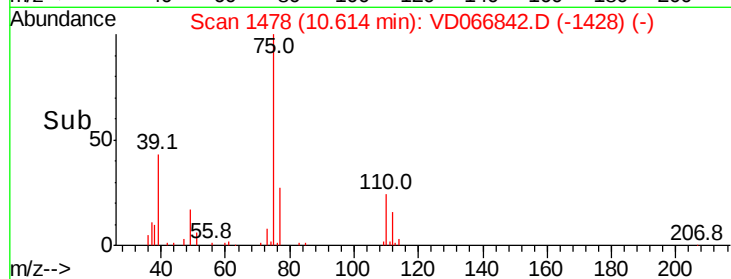
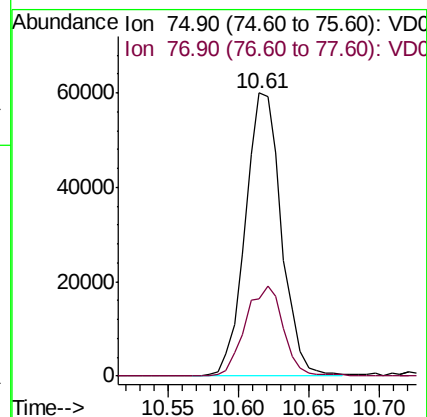
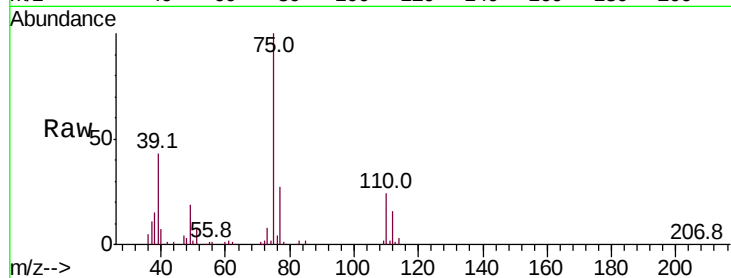
VD0924SBS01

Tot Ion: 75 Resp: 107624

Ion Ratio Lower Upper

75 100

77 27.2 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.411 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

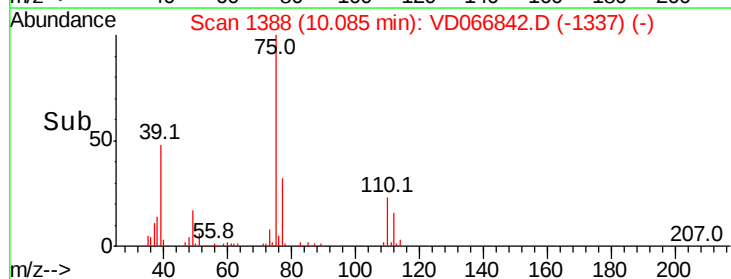
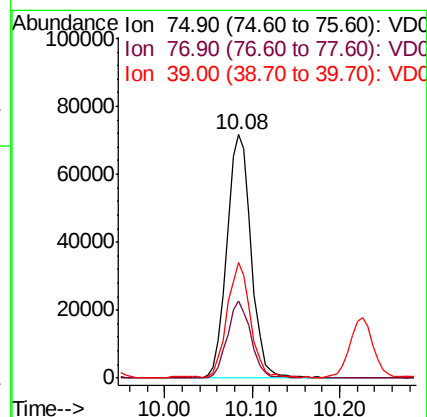
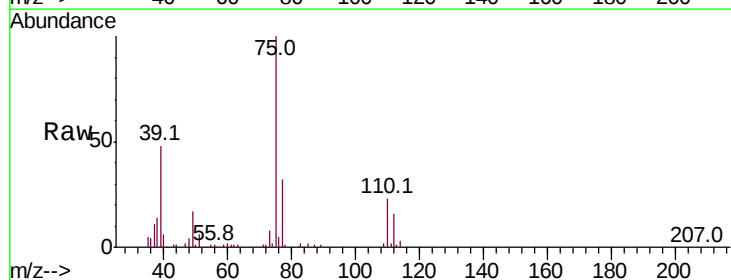
Tgt Ion: 75 Resp: 136279

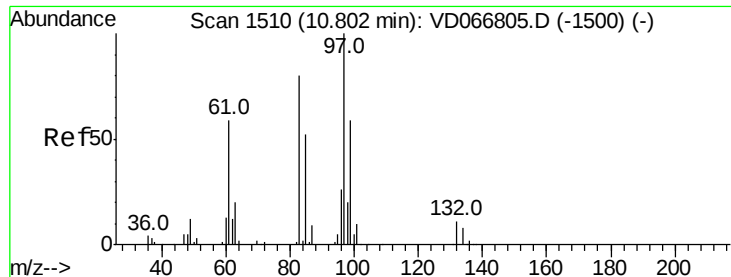
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 46.6 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.064 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

Tot Ion: 97 Resp: 66054

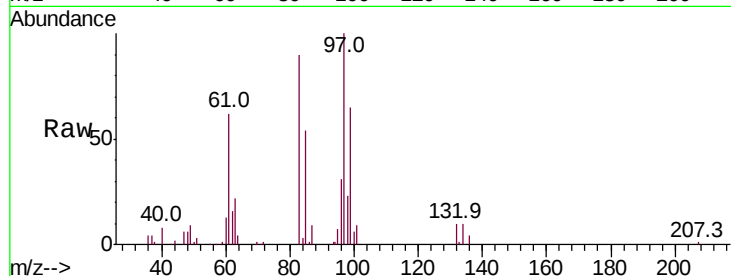
Ion Ratio Lower Upper

97 100

83 89.9 64.2 96.2

85 53.6 41.9 62.9

99 64.9 47.5 71.3

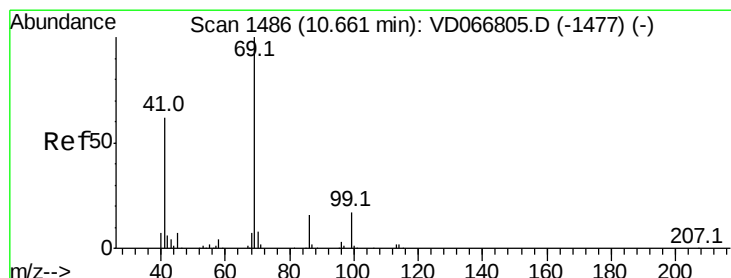
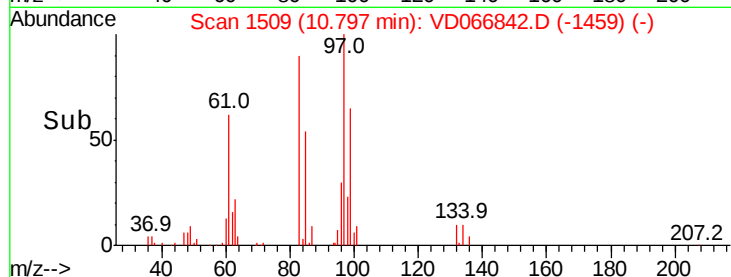
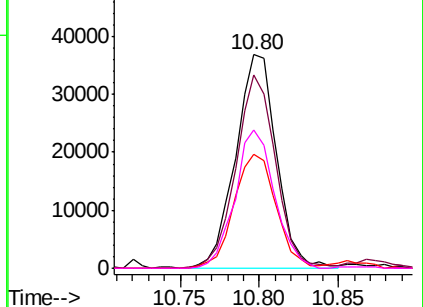


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 19.737 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

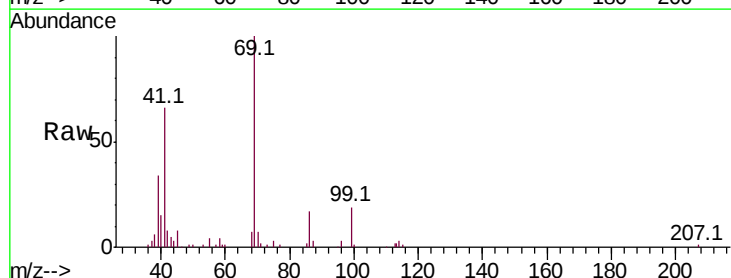
Tgt Ion: 69 Resp: 69610

Ion Ratio Lower Upper

69 100

41 67.5 52.2 78.2

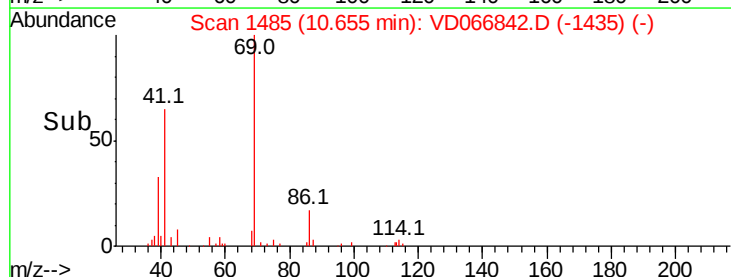
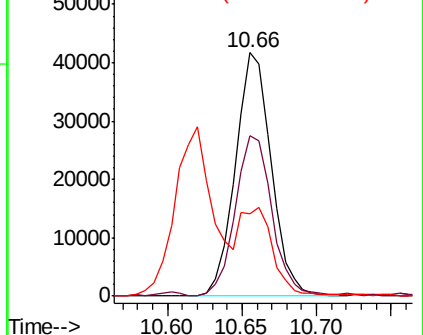
39 34.0 26.6 40.0

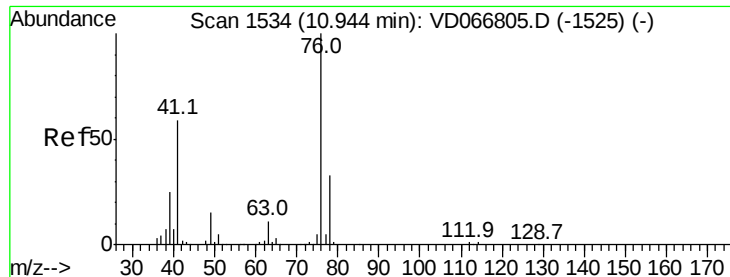


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.273 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

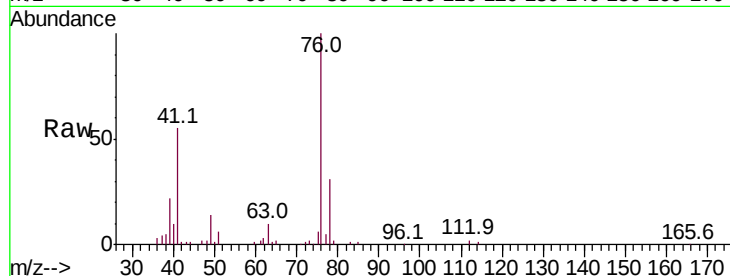
VD0924SBS01

Tot Ion: 76 Resp: 115646

Ion Ratio Lower Upper

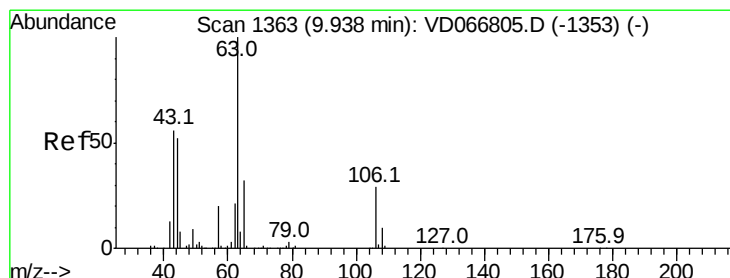
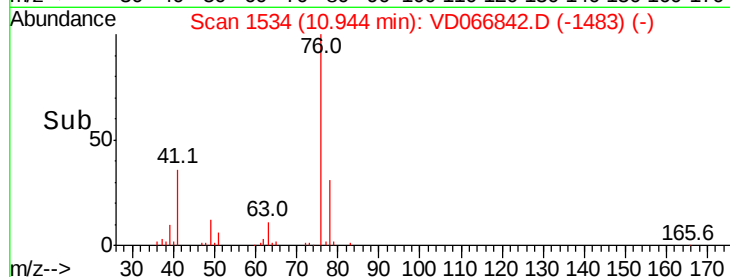
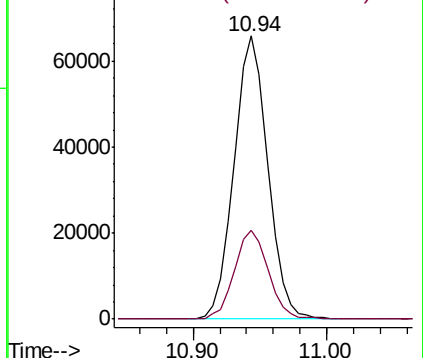
76 100

78 31.5 26.3 39.5



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: 116.200 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066842.D

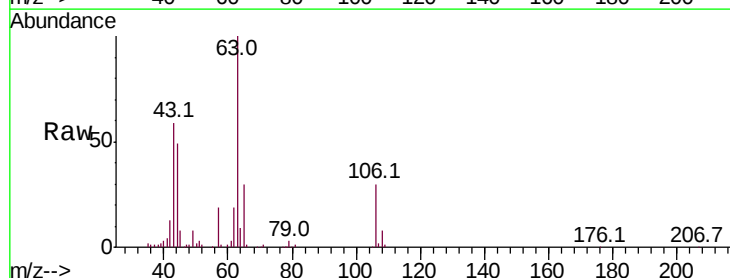
Acq: 24 Sep 2020 11:09

Tgt Ion: 63 Resp: 194051

Ion Ratio Lower Upper

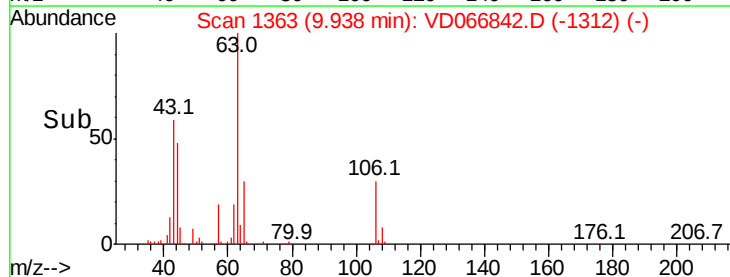
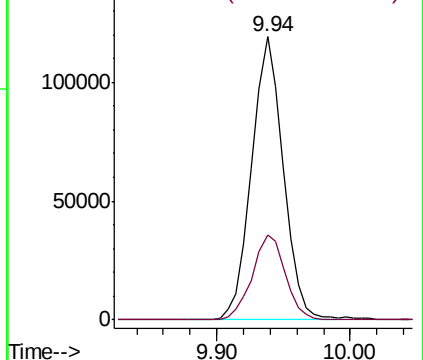
63 100

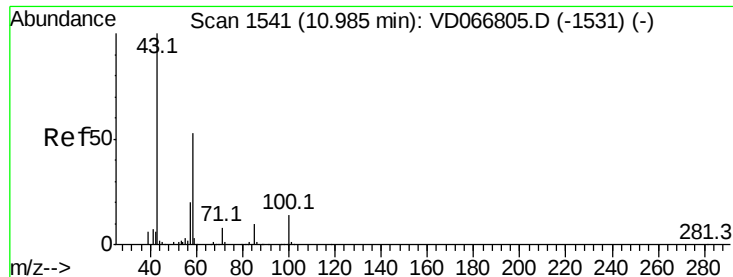
106 31.5 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

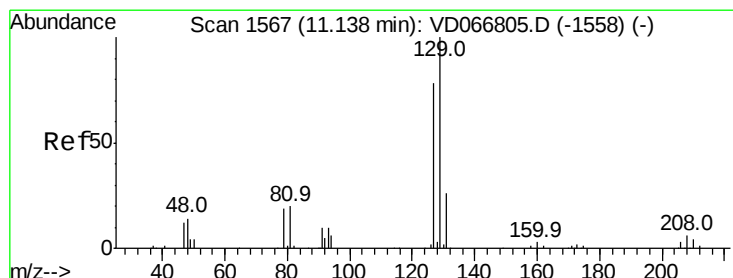
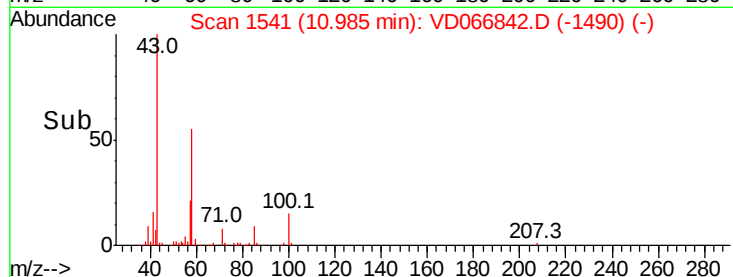
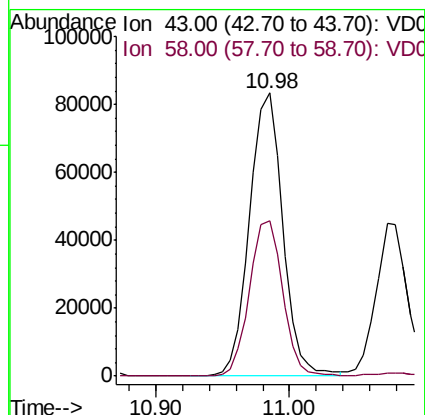
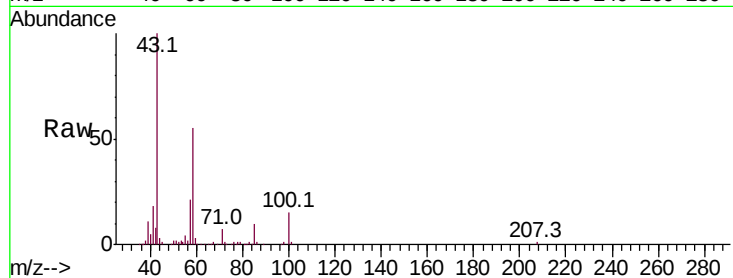




#59  
2-Hexanone  
Concen: 95.992 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

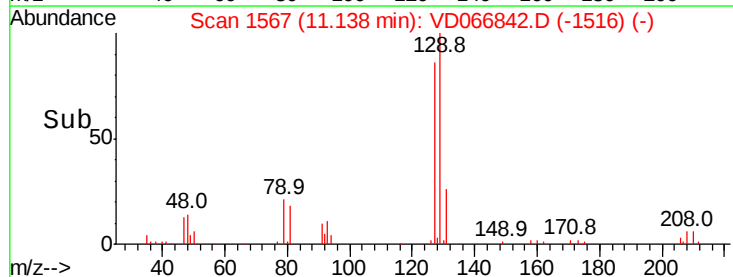
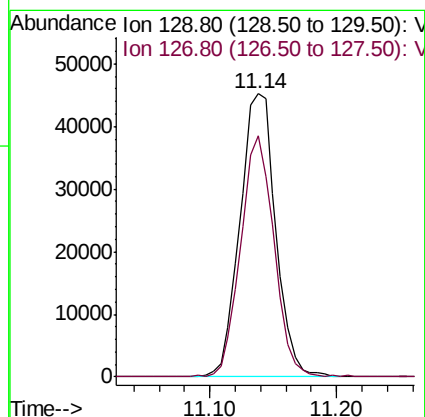
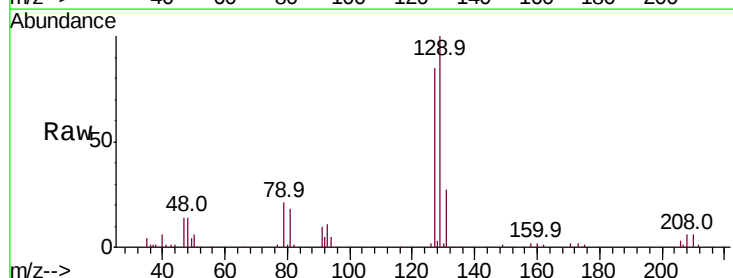
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

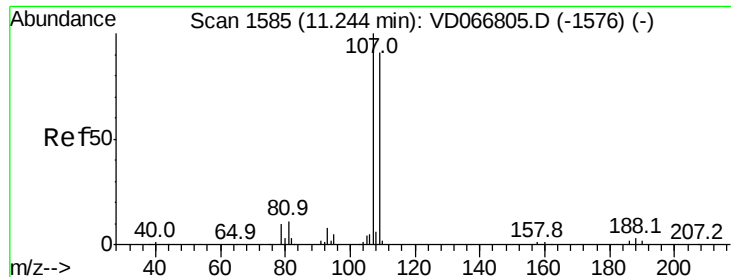
Tot Ion: 43 Resp: 143708  
Ion Ratio Lower Upper  
43 100  
58 54.8 27.0 80.8



#60  
Dibromochloromethane  
Concen: 20.629 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion: 129 Resp: 88638  
Ion Ratio Lower Upper  
129 100  
127 79.3 38.6 116.0

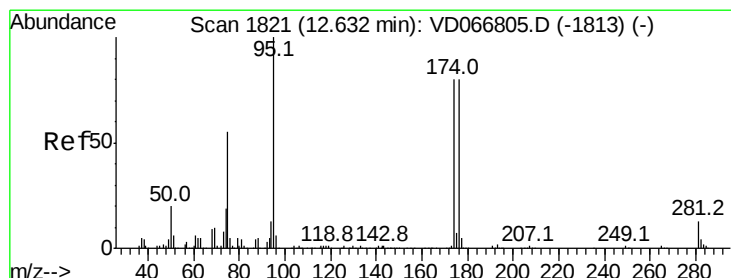
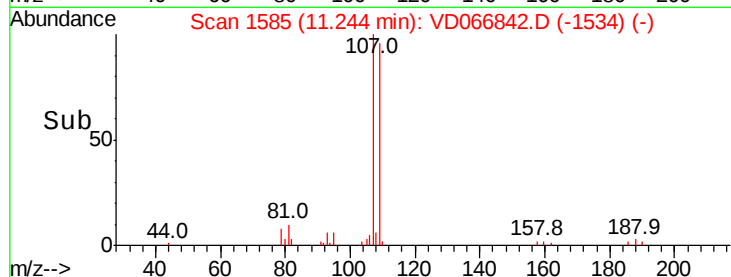
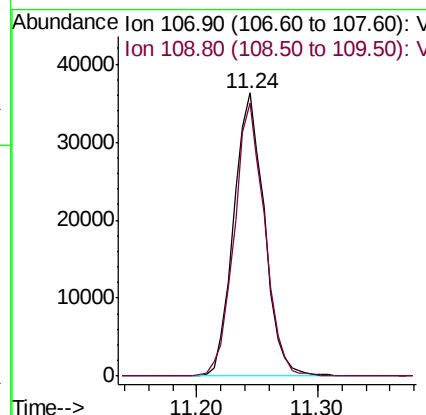
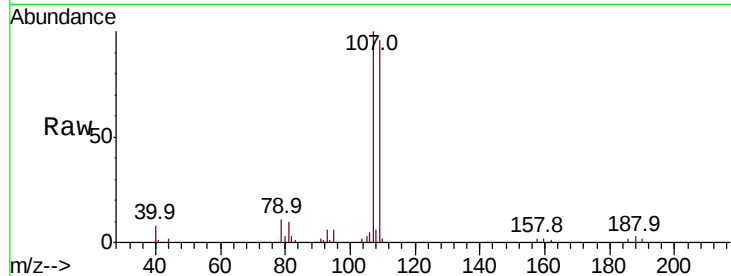




#61  
 1,2-Dibromoethane  
 Concen: 20.954 ug/l  
 RT: 11.24 min Scan# 1585  
 Delta R.T. 0.00 min  
 Lab File: VD066842.D  
 Acq: 24 Sep 2020 11:09

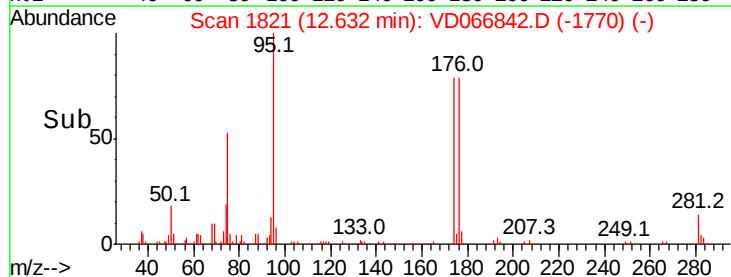
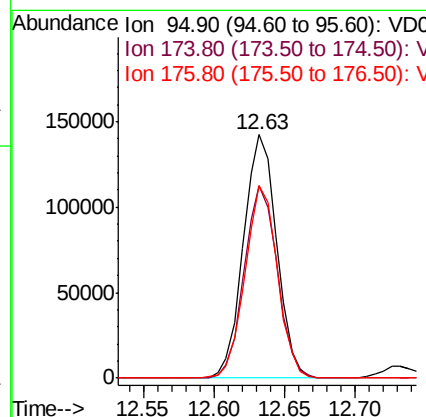
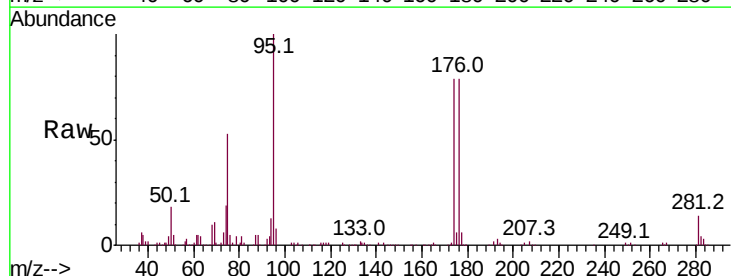
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0924SBS01

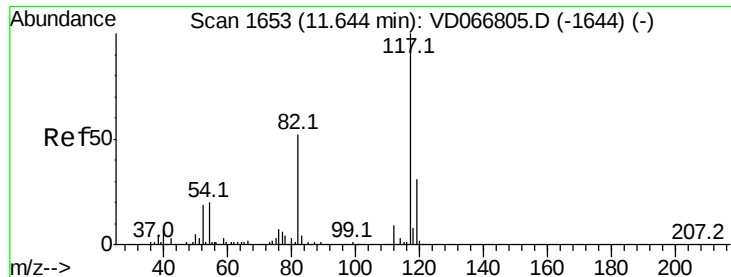
Tot Ion:107 Resp: 64164  
 Ion Ratio Lower Upper  
 107 100  
 109 95.8 75.0 112.4



#62  
 4-Bromofluorobenzene  
 Concen: 49.890 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. 0.00 min  
 Lab File: VD066842.D  
 Acq: 24 Sep 2020 11:09

Tgt Ion: 95 Resp: 234576  
 Ion Ratio Lower Upper  
 95 100  
 174 79.0 0.0 159.8  
 176 77.3 0.0 154.4

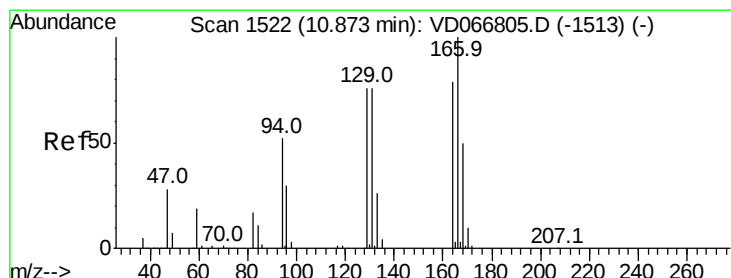
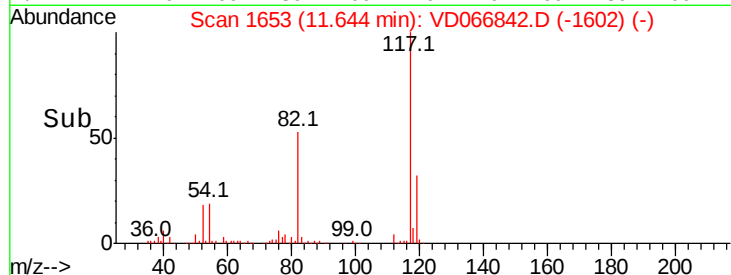
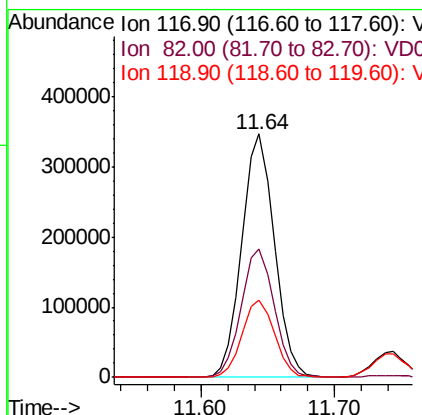
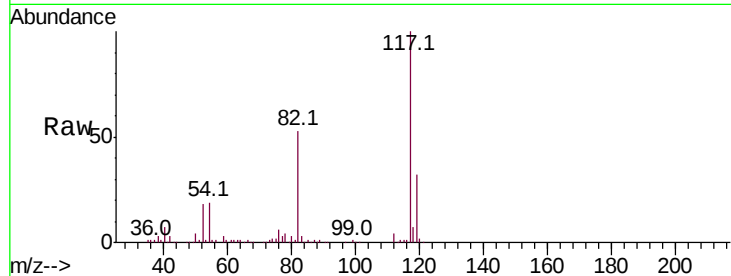




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

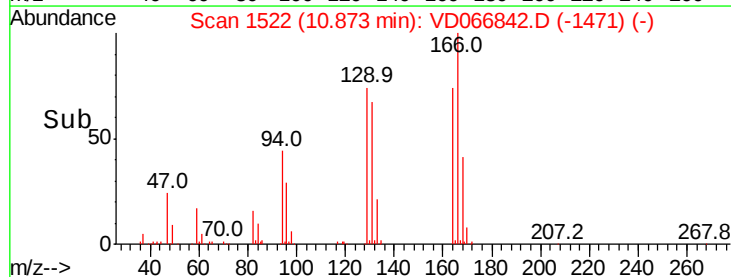
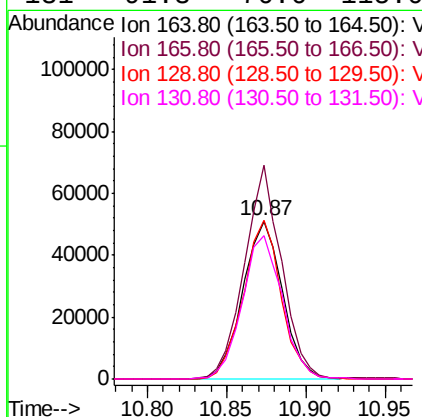
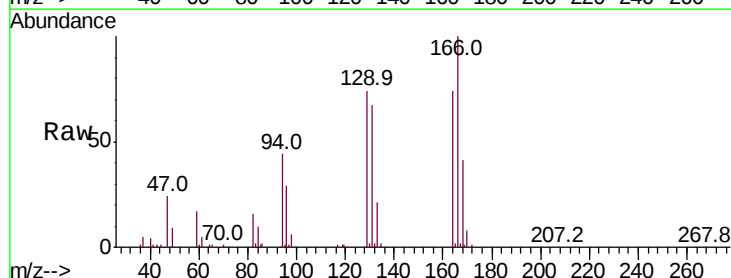
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

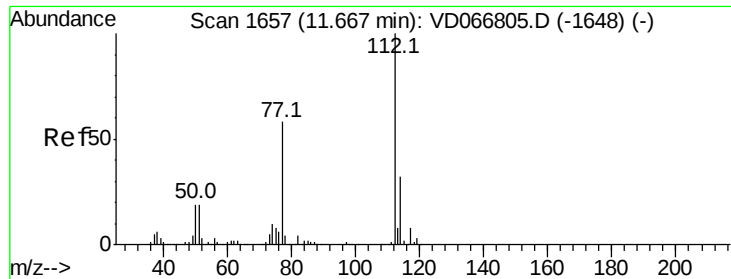
Tot Ion:117 Resp: 586493  
Ion Ratio Lower Upper  
117 100  
82 52.7 41.8 62.6  
119 32.0 24.6 37.0



#64  
Tetrachloroethene  
Concen: 21.135 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion:164 Resp: 89163  
Ion Ratio Lower Upper  
164 100  
166 135.6 101.1 151.7  
129 100.8 77.0 115.4  
131 91.3 76.6 115.0

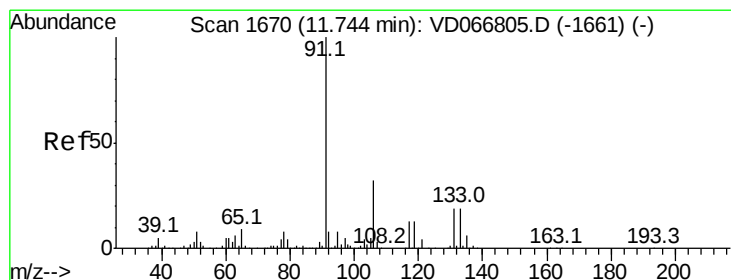
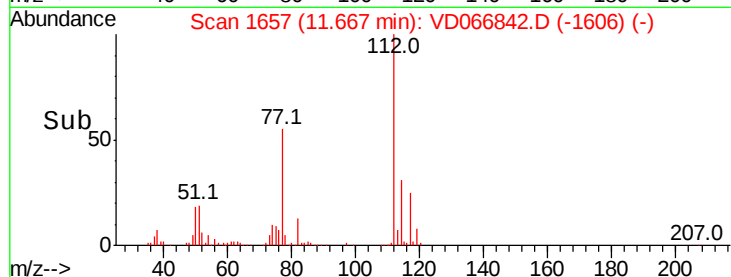
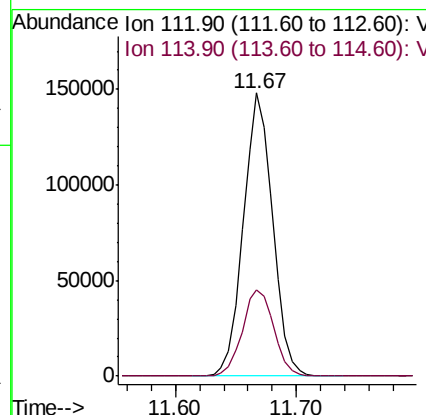
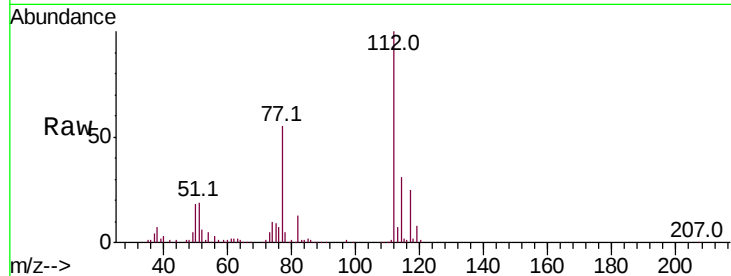




#65  
Chlorobenzene  
Concen: 20.495 ug/l  
RT: 11.67 min Scan# 1657  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

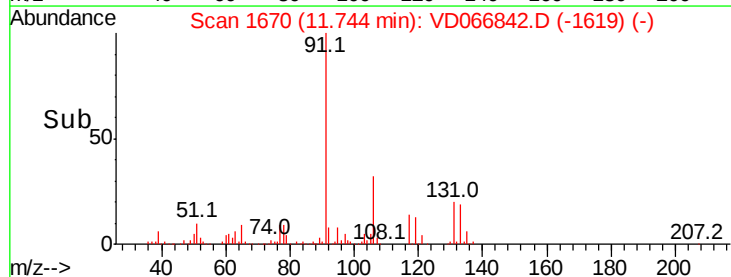
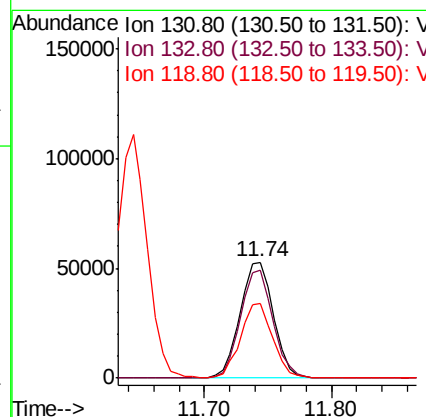
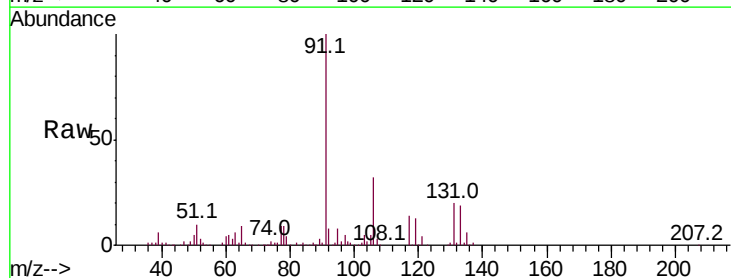
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

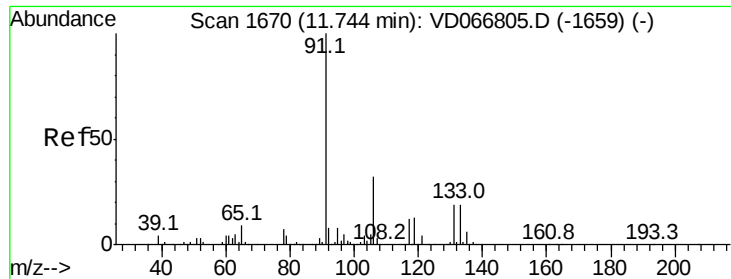
Tot Ion:112 Resp: 250206  
Ion Ratio Lower Upper  
112 100  
114 30.6 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.845 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion:131 Resp: 96317  
Ion Ratio Lower Upper  
131 100  
133 90.8 46.7 140.1  
119 61.9 32.3 96.9





#67

Ethyl Benzene

Concen: 20.112 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

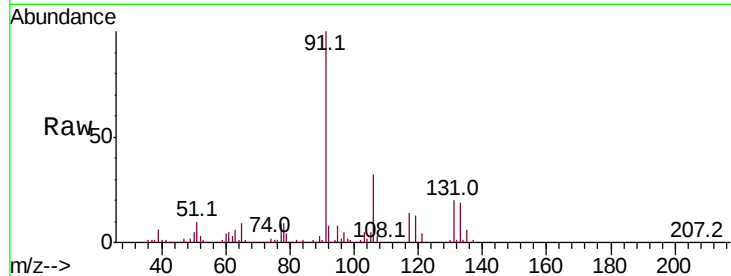
VD0924SBS01

Tot Ion: 91 Resp: 431226

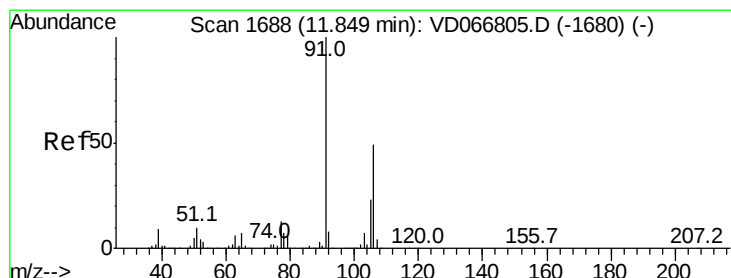
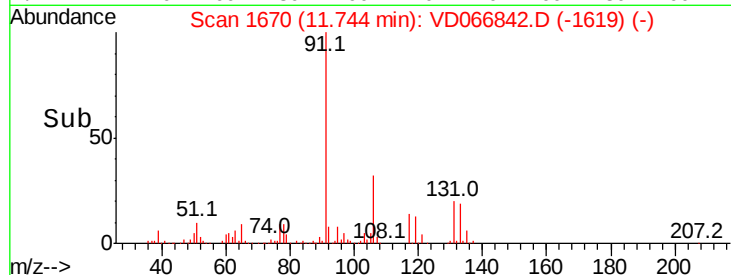
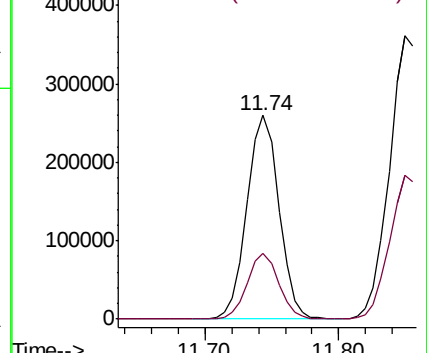
Ion Ratio Lower Upper

91 100

106 32.1 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 42.195 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066842.D

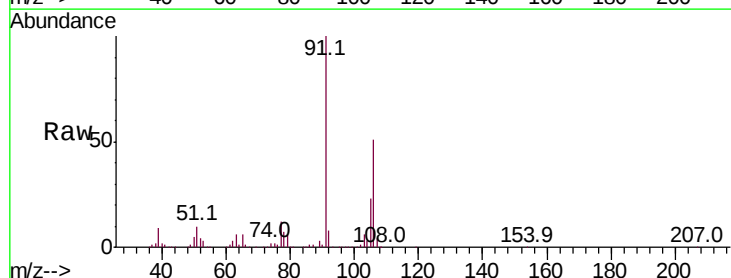
Acq: 24 Sep 2020 11:09

Tgt Ion: 106 Resp: 342538

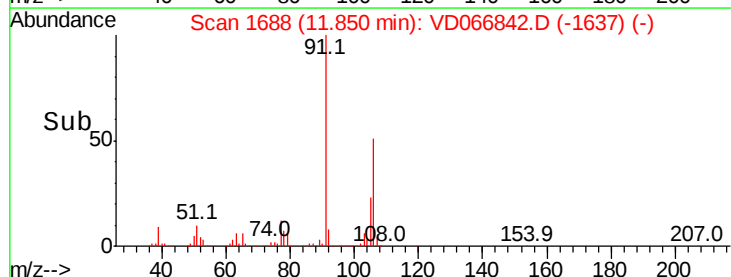
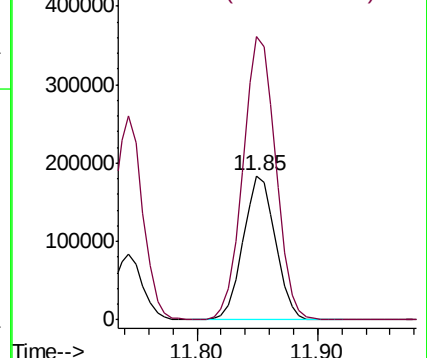
Ion Ratio Lower Upper

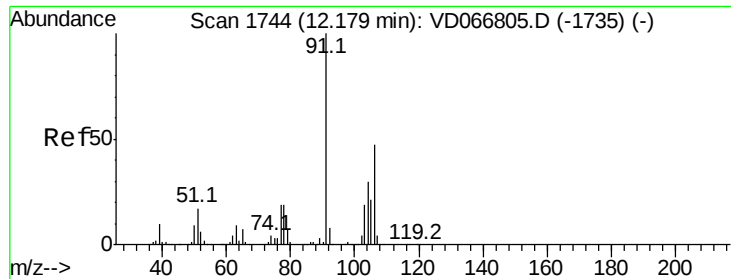
106 100

91 199.7 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

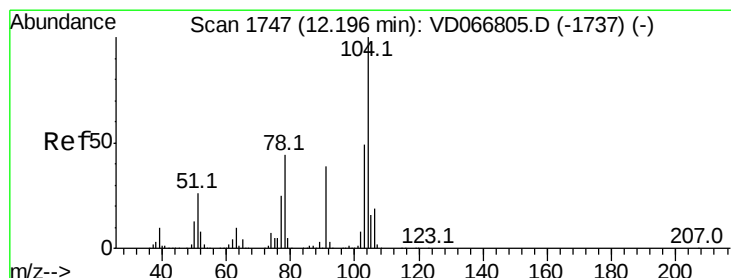
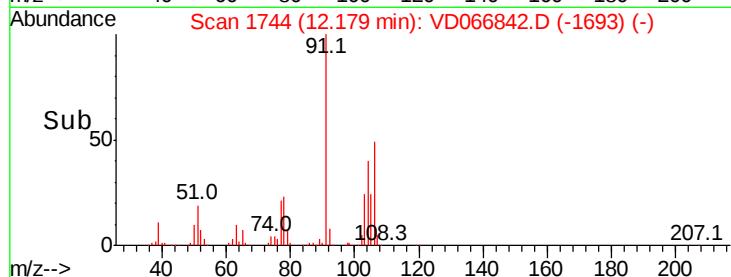
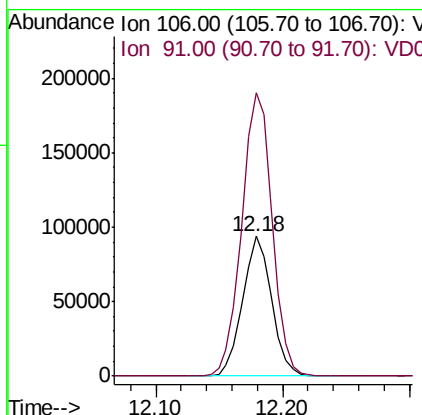
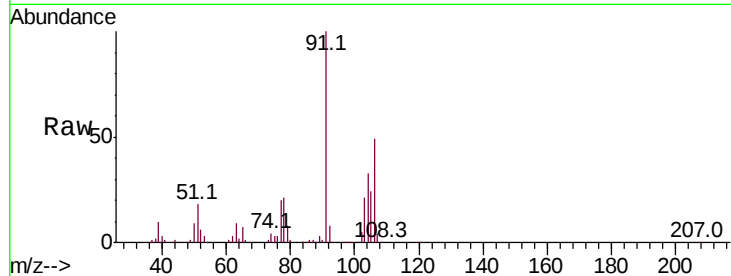




#69  
o-Xylene  
Concen: 20.273 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

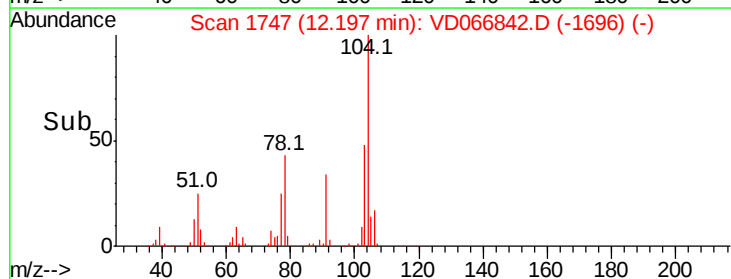
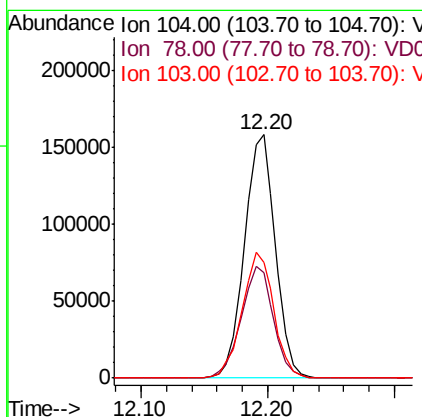
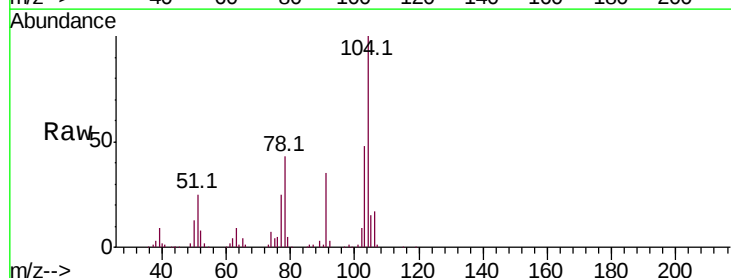
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

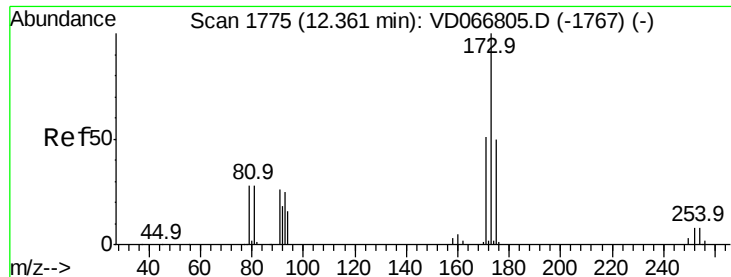
Tot Ion:106 Resp: 148813  
Ion Ratio Lower Upper  
106 100  
91 213.3 106.3 318.8



#70  
Styrene  
Concen: 20.960 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion:104 Resp: 267200  
Ion Ratio Lower Upper  
104 100  
78 48.1 38.9 58.3  
103 53.0 43.2 64.8





#71

Bromoform

Concen: 19.939 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

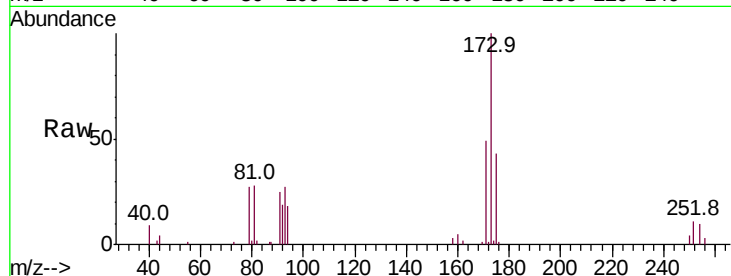
Tot Ion:173 Resp: 46645

Ion Ratio Lower Upper

173 100

175 49.6 24.9 74.6

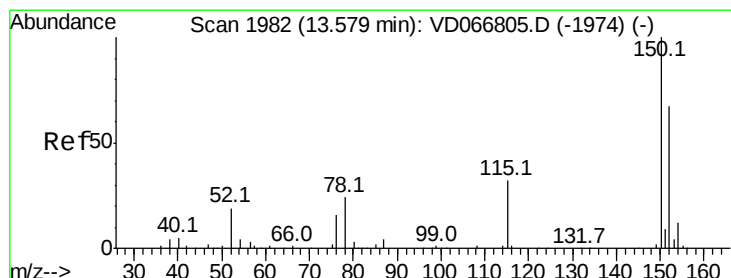
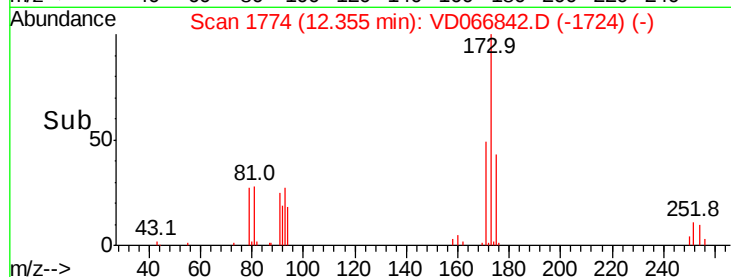
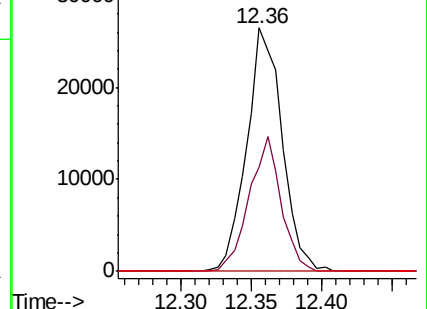
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

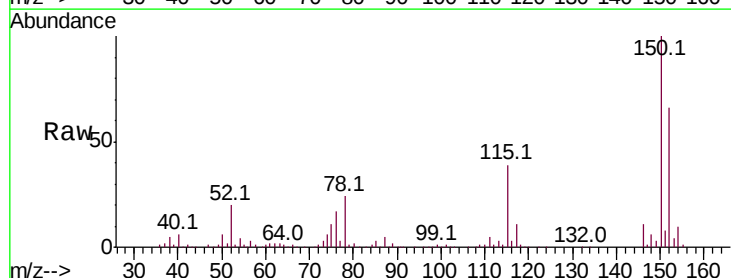
Tgt Ion:152 Resp: 279693

Ion Ratio Lower Upper

152 100

115 58.9 30.3 91.0

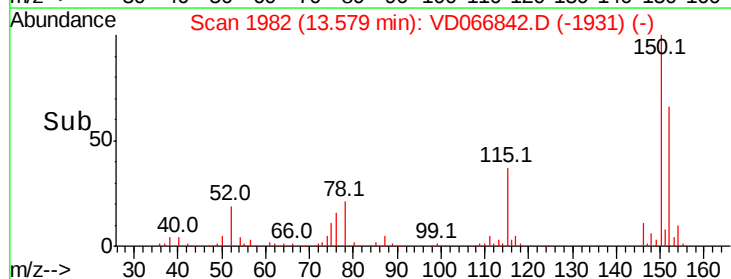
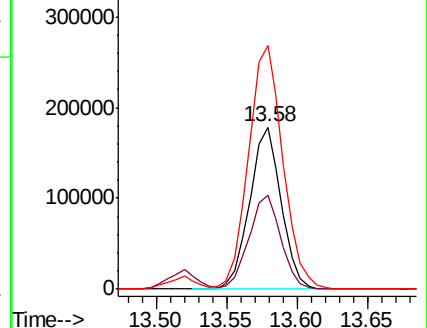
150 163.8 0.0 346.2

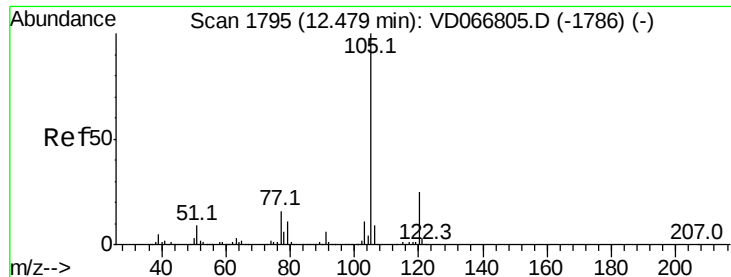


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.145 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

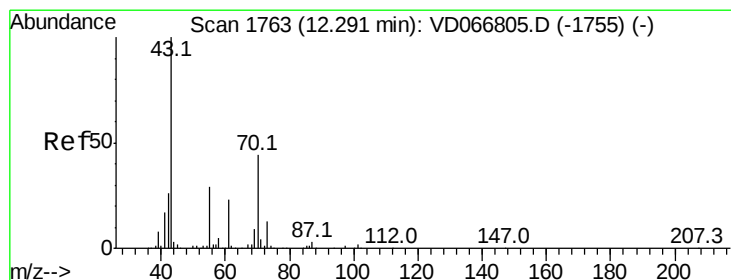
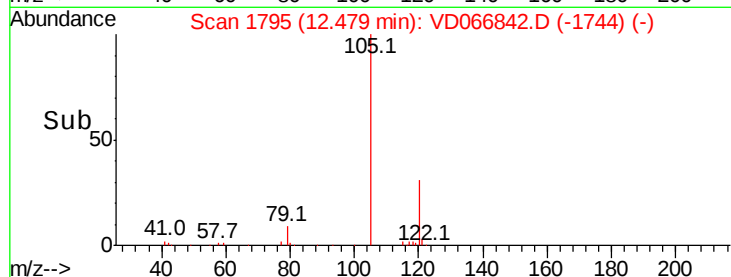
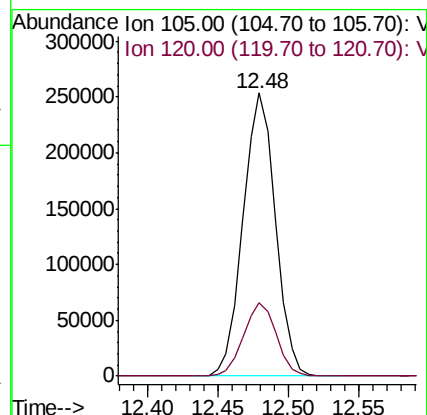
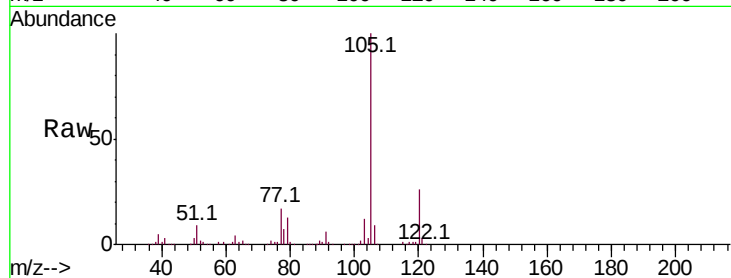
VD0924SBS01

Tot Ion:105 Resp: 407020

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 19.773 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Tgt Ion: 43 Resp: 78018

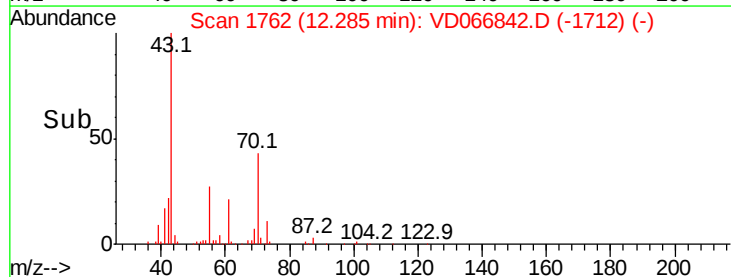
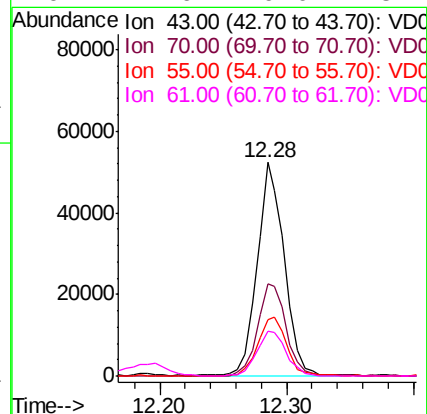
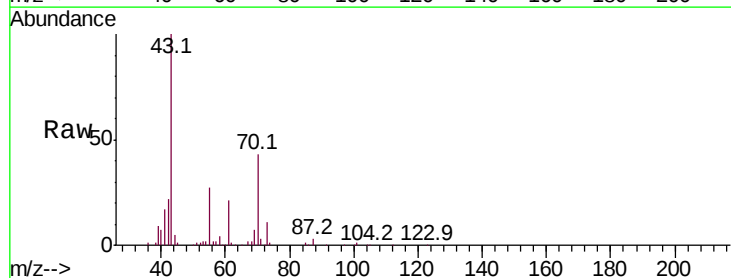
Ion Ratio Lower Upper

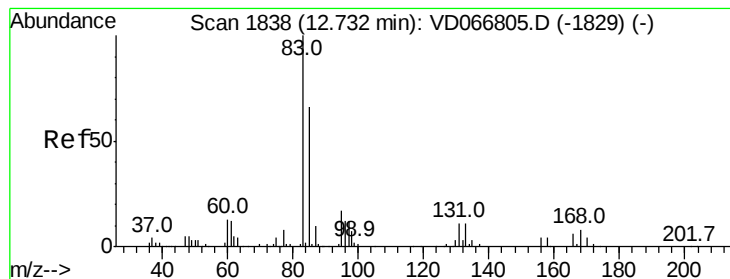
43 100

70 45.4 36.1 54.1

55 29.5 21.8 32.8

61 22.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.538 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

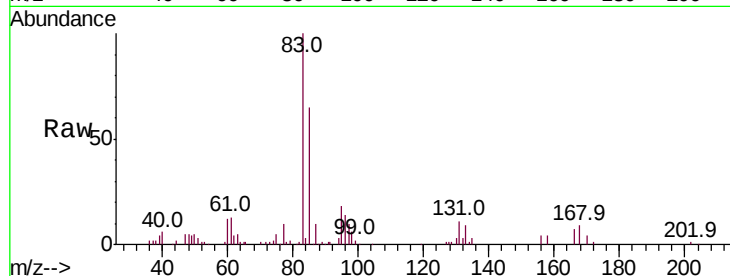
Tot Ion: 83 Resp: 68118

Ion Ratio Lower Upper

83 100

131 12.4 5.5 16.7

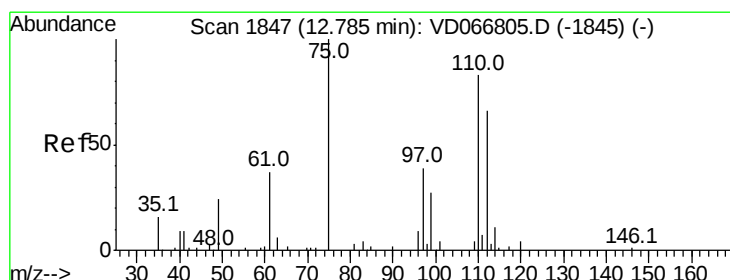
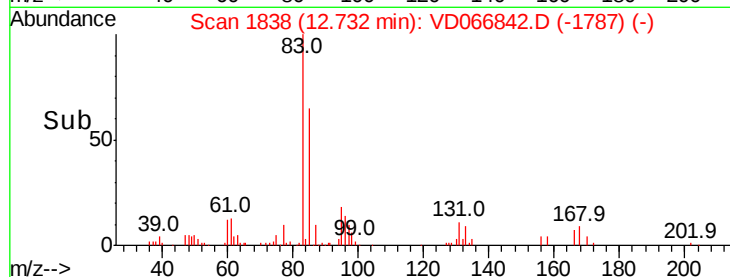
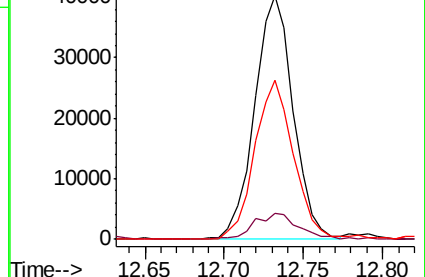
85 65.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 39.916 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066842.D

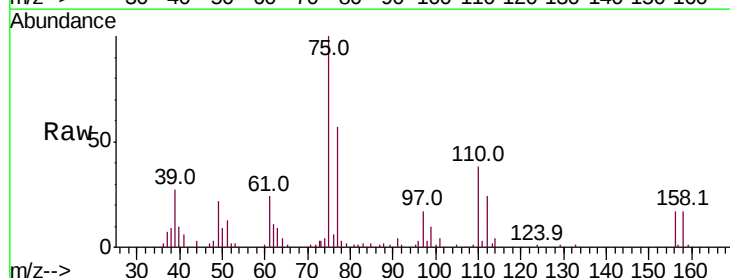
Acq: 24 Sep 2020 11:09

Tgt Ion: 75 Resp: 92520

Ion Ratio Lower Upper

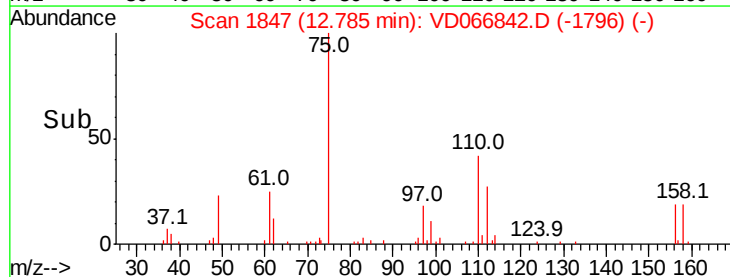
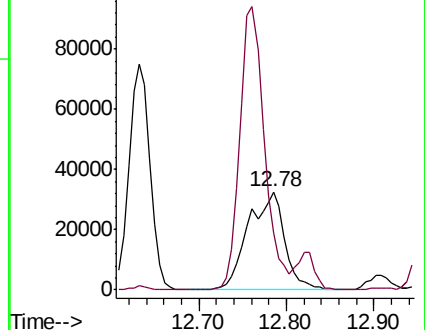
75 100

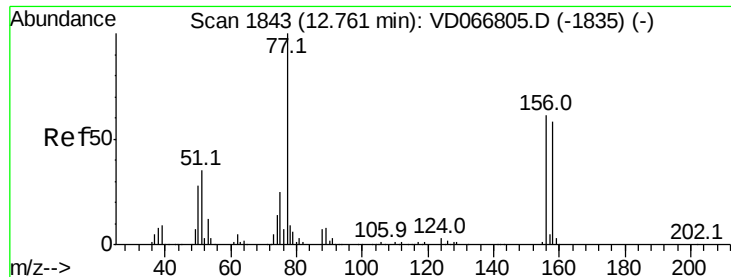
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.338 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

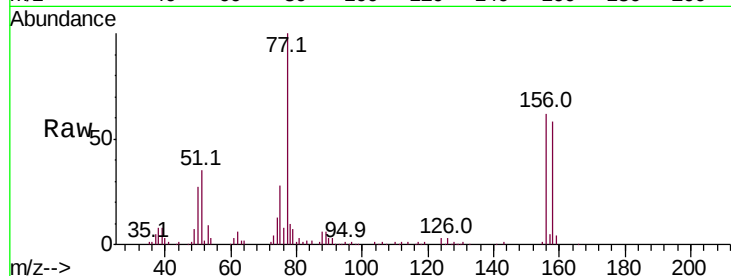
Tot Ion:156 Resp: 96105

Ion Ratio Lower Upper

156 100

77 186.2 92.3 276.9

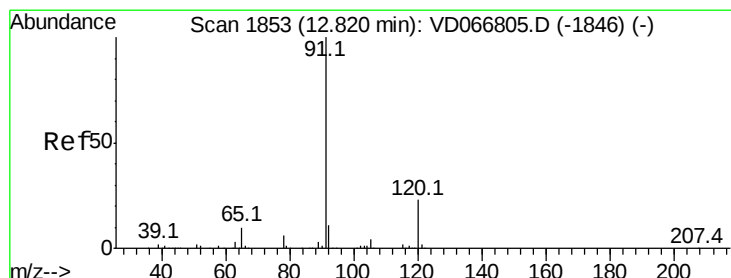
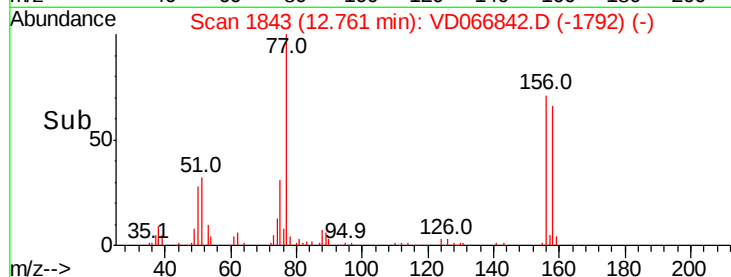
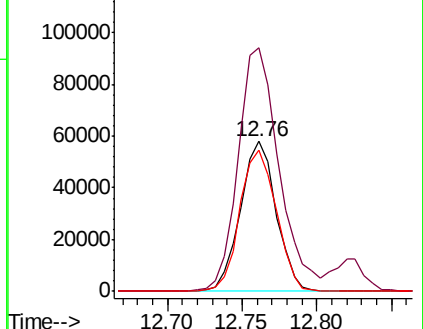
158 96.0 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.516 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066842.D

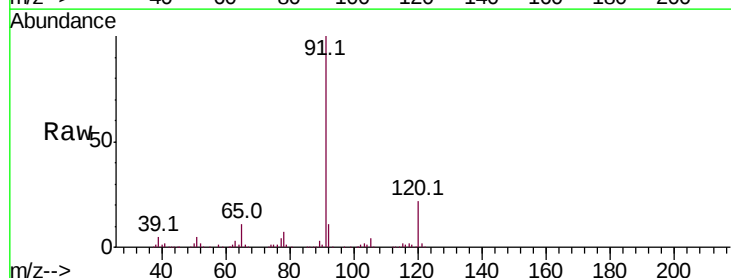
Acq: 24 Sep 2020 11:09

Tgt Ion: 91 Resp: 498691

Ion Ratio Lower Upper

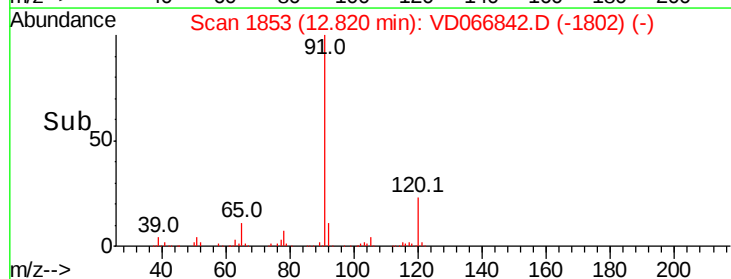
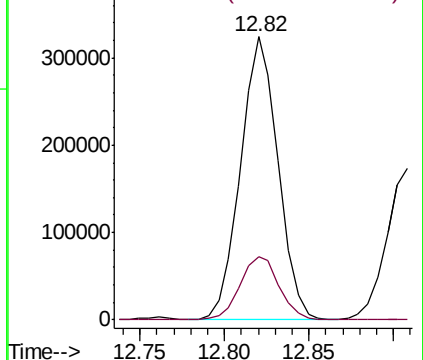
91 100

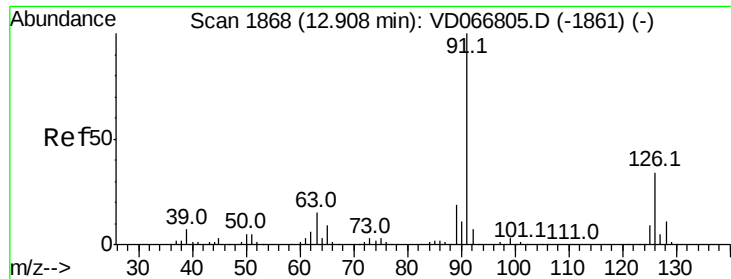
120 23.3 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

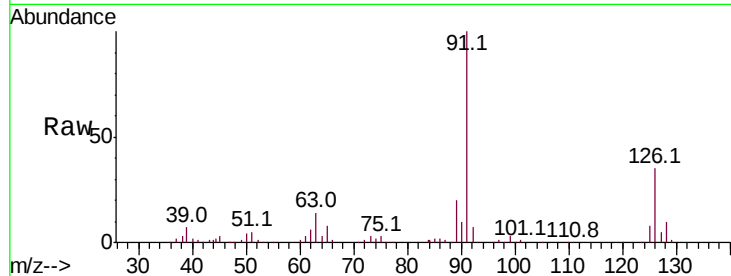




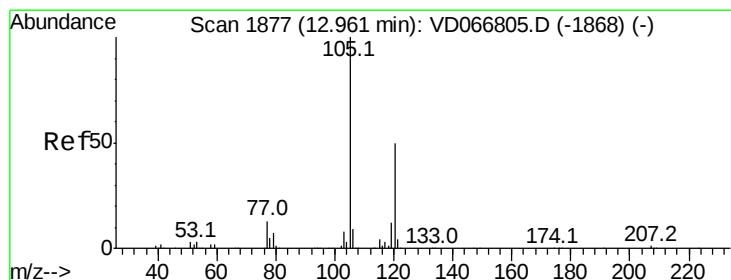
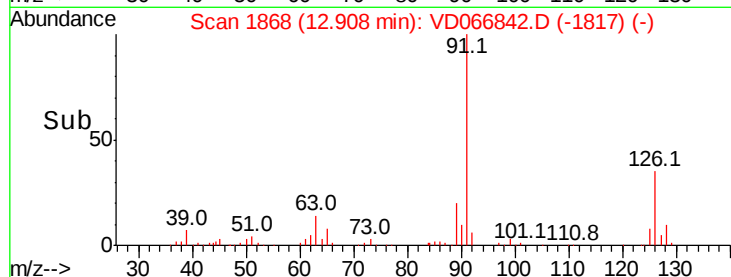
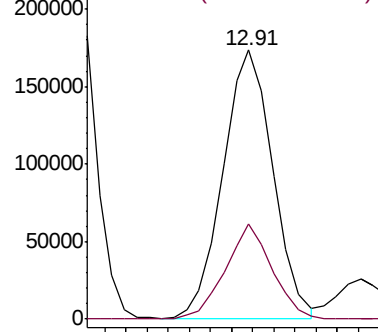
#79  
2-Chlorotoluene  
Concen: 20.499 ug/l  
RT: 12.91 min Scan# 1868  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

Tot Ion: 91 Resp: 283947  
Ion Ratio Lower Upper  
91 100  
126 33.3 17.0 51.0

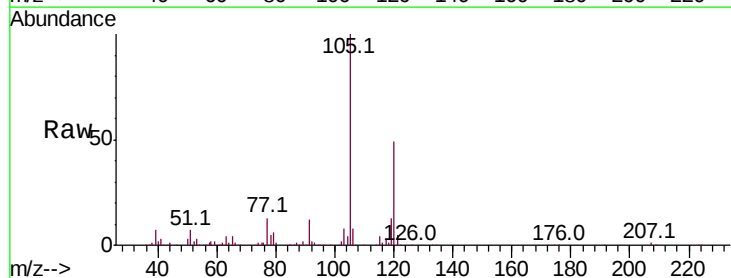


Abundance Ion 91.00 (90.70 to 91.70): V  
Ion 125.90 (125.60 to 126.60): V

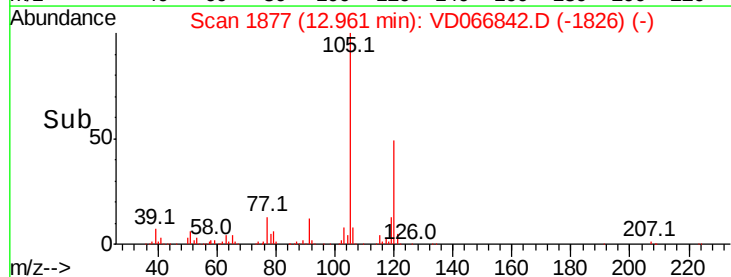
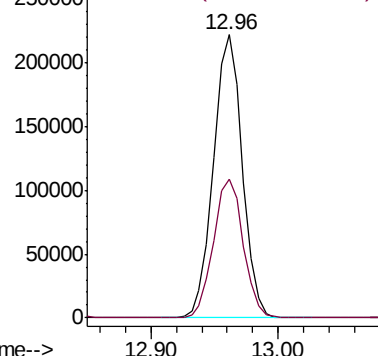


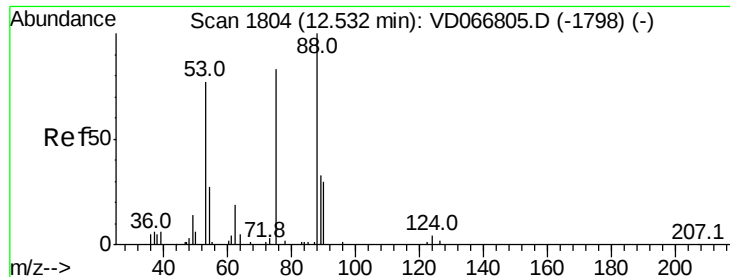
#80  
1,3,5-Trimethylbenzene  
Concen: 20.364 ug/l  
RT: 12.96 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion:105 Resp: 349125  
Ion Ratio Lower Upper  
105 100  
120 50.9 24.4 73.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.094 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0924SBS01

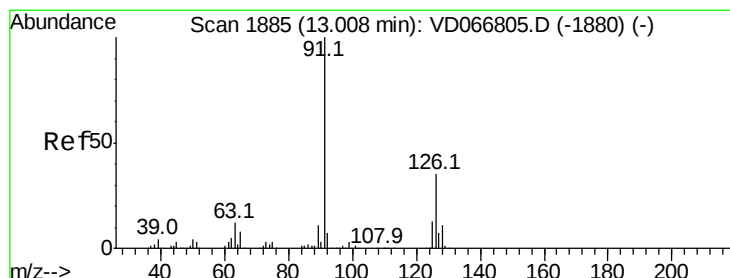
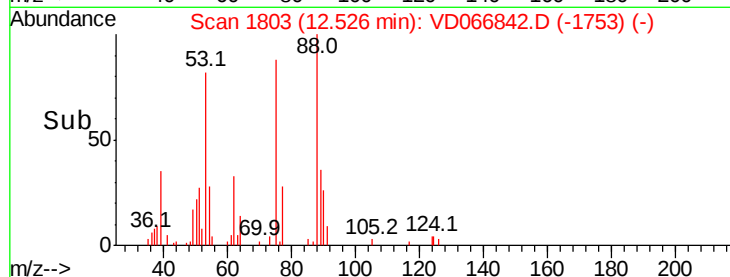
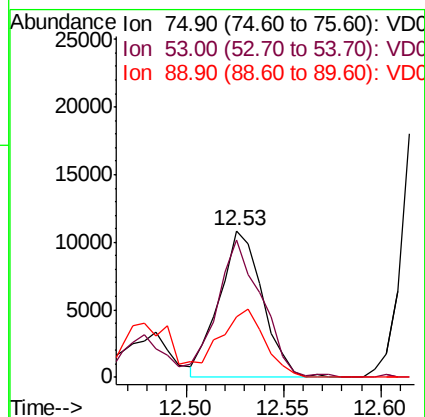
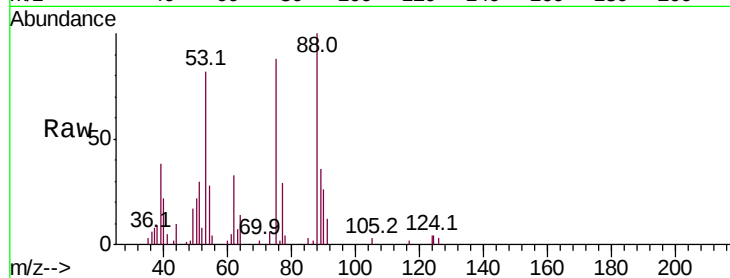
Tot Ion: 75 Resp: 16763

Ion Ratio Lower Upper

75 100

53 97.4 78.5 117.7

89 46.2 38.1 57.1



#82

4-Chlorotoluene

Concen: 21.136 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066842.D

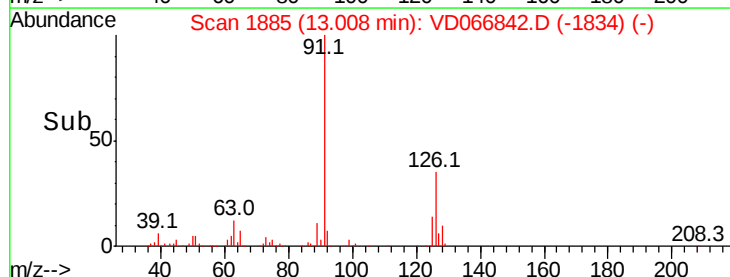
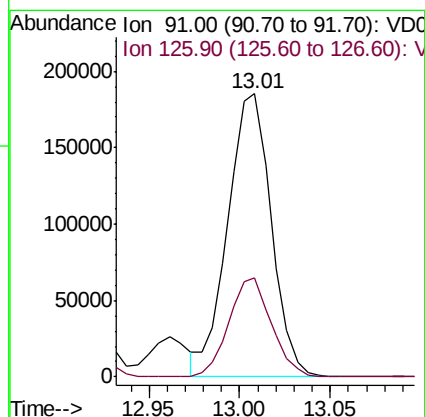
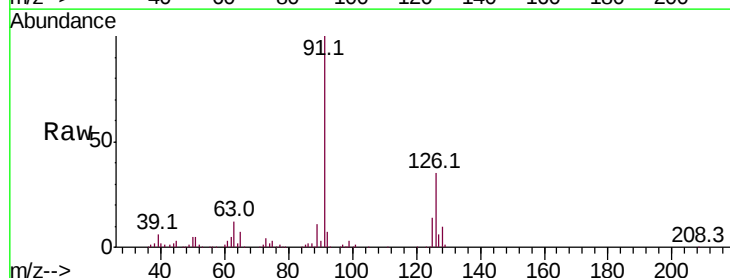
Acq: 24 Sep 2020 11:09

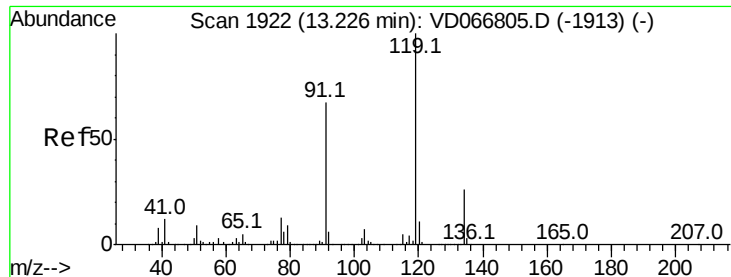
Tgt Ion: 91 Resp: 308621

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.2

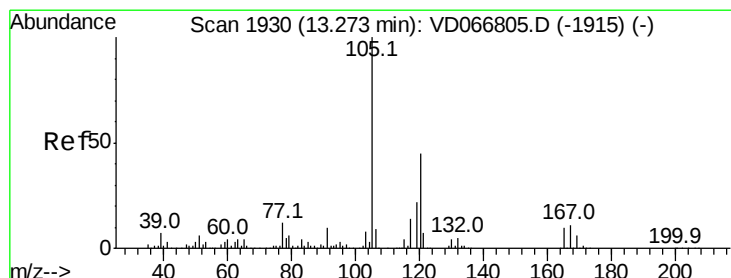
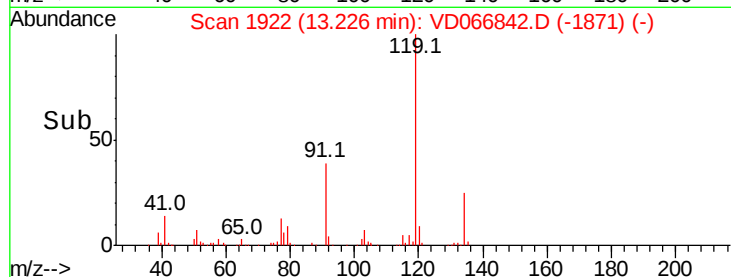
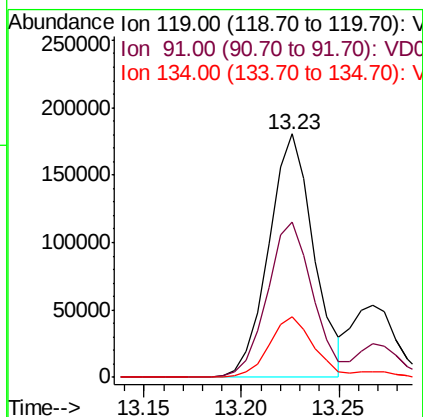
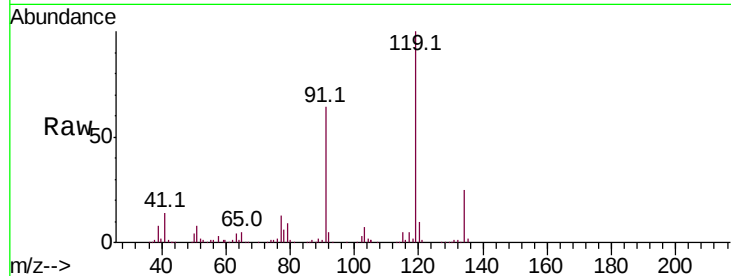




#83  
tert-Butylbenzene  
Concen: 20.490 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

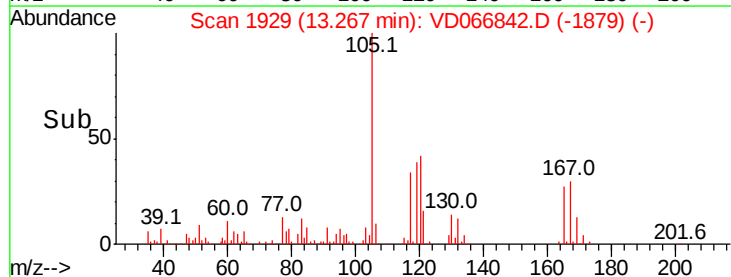
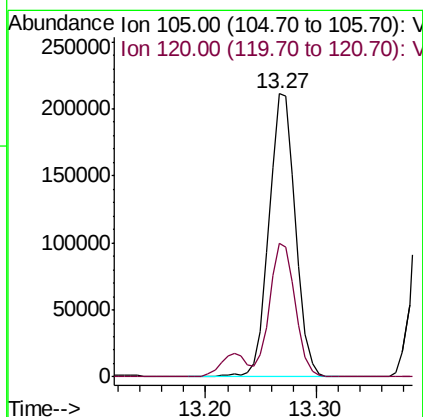
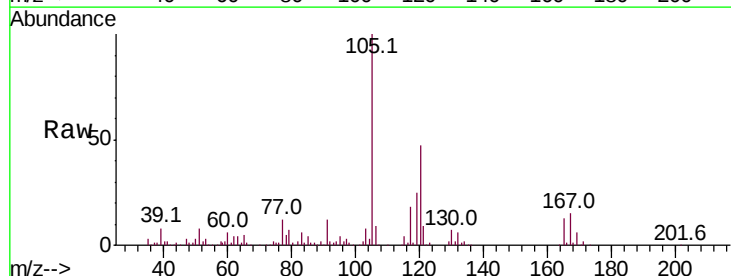
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

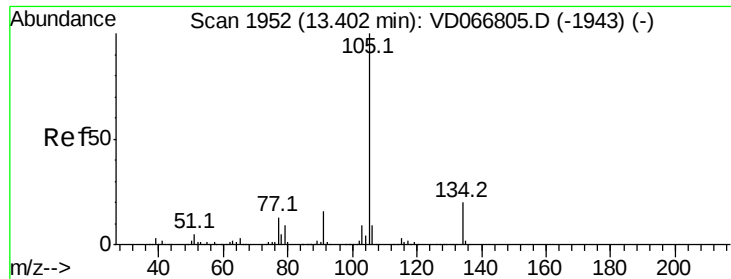
Tot Ion:119 Resp: 288664  
Ion Ratio Lower Upper  
119 100  
91 65.7 33.6 100.8  
134 24.5 13.5 40.4



#84  
1,2,4-Trimethylbenzene  
Concen: 20.828 ug/l  
RT: 13.27 min Scan# 1929  
Delta R.T. -0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion:105 Resp: 354092  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.539 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :

MSVOA\_D

ClientSampleId :

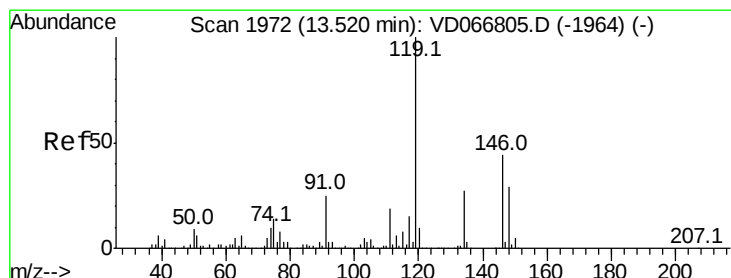
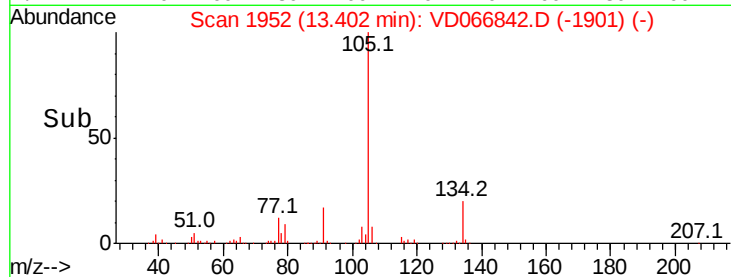
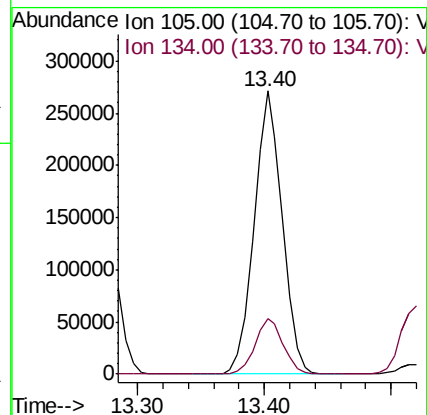
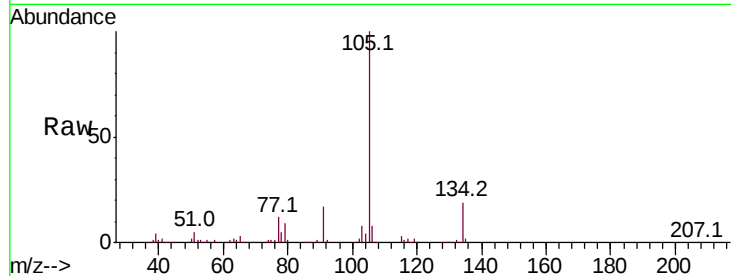
VD0924SBS01

Tot Ion:105 Resp: 416093

Ion Ratio Lower Upper

105 100

134 19.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.034 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

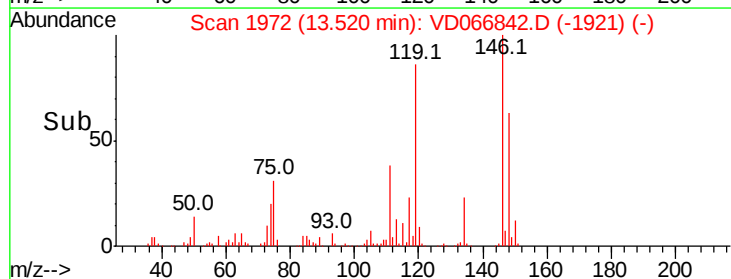
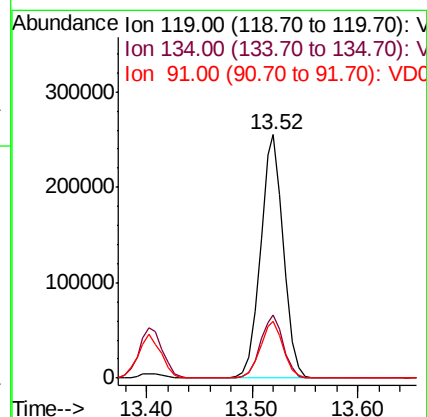
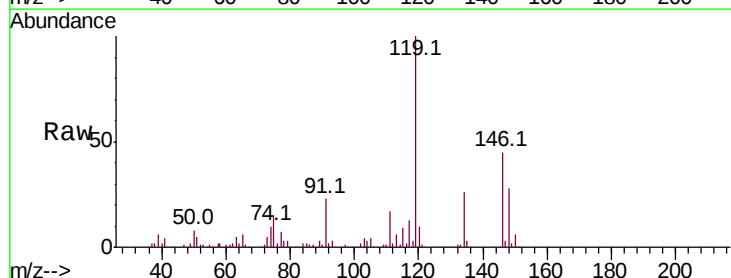
Tgt Ion:119 Resp: 384100

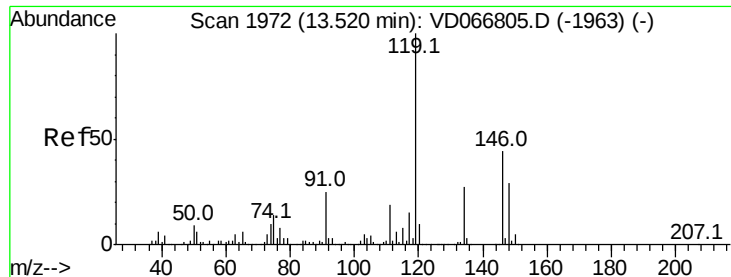
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 23.7 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.181 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

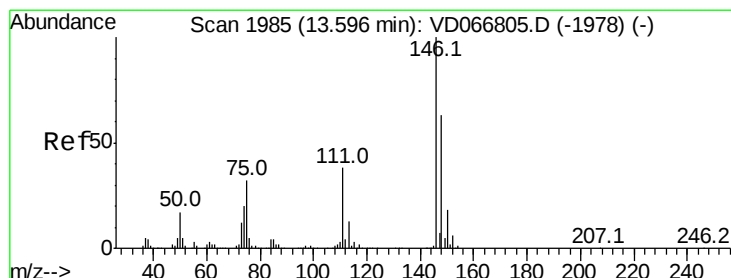
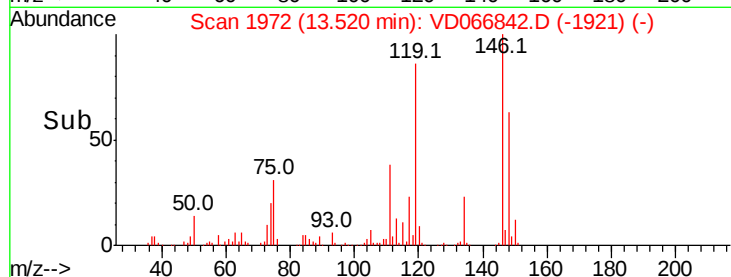
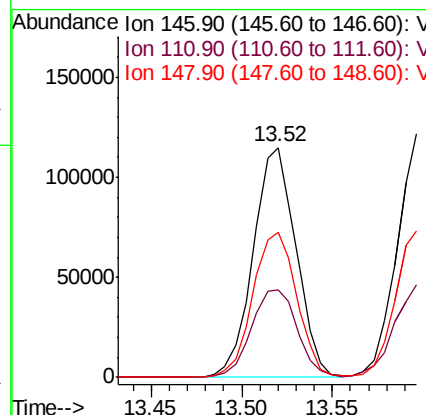
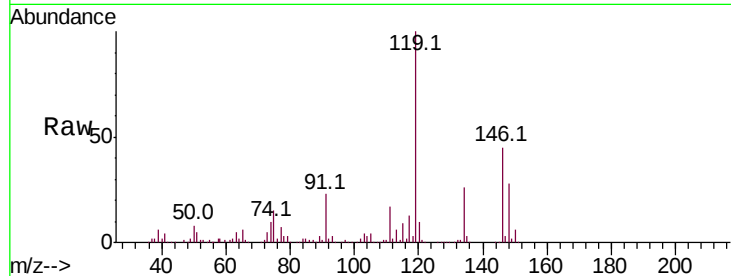
Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

Tot Ion:146 Resp: 188409

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 40.8  | 20.3  | 60.9  |
| 148 | 65.1  | 31.9  | 95.5  |



#88

1,4-Dichlorobenzene

Concen: 20.509 ug/l

RT: 13.60 min Scan# 1985

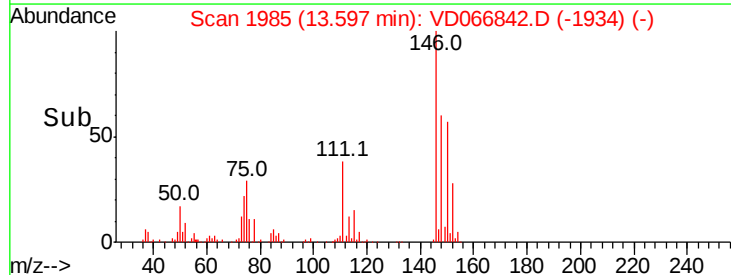
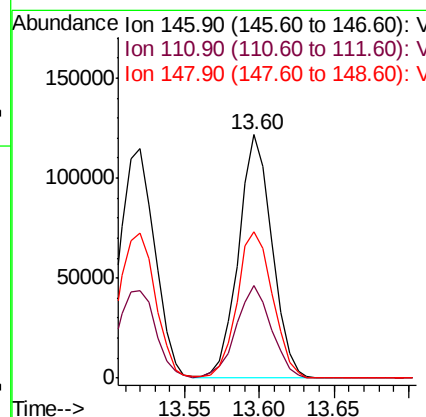
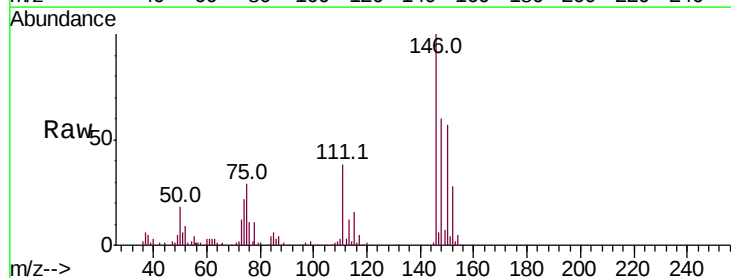
Delta R.T. 0.00 min

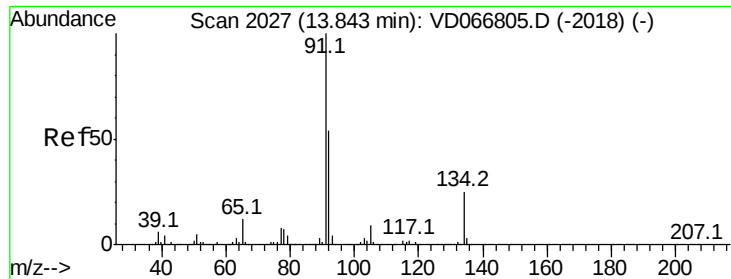
Lab File: VD066842.D

Acq: 24 Sep 2020 11:09

Tgt Ion:146 Resp: 190170

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 40.1  | 20.2  | 60.5  |
| 148 | 63.8  | 31.6  | 94.7  |

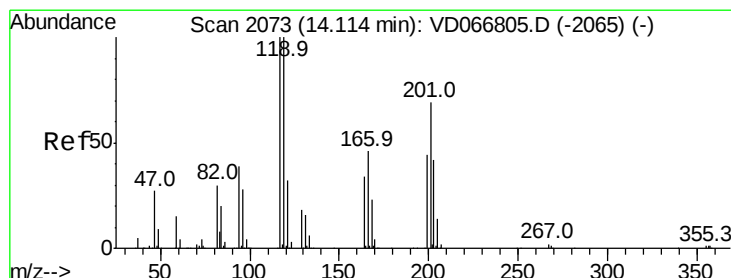
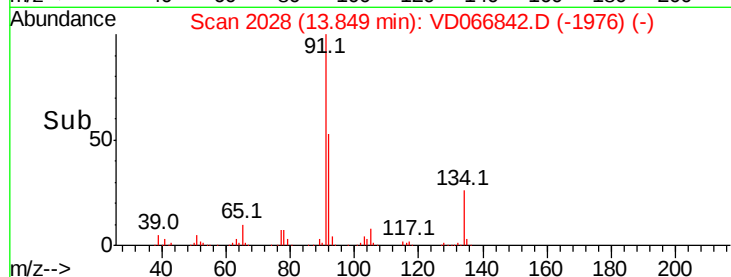
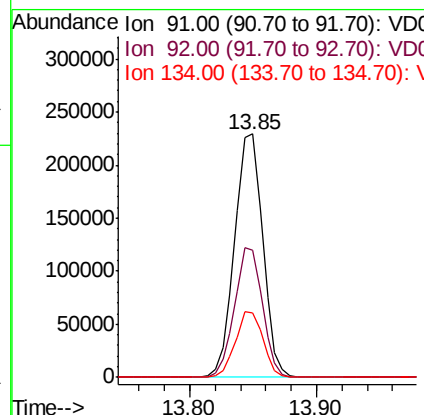
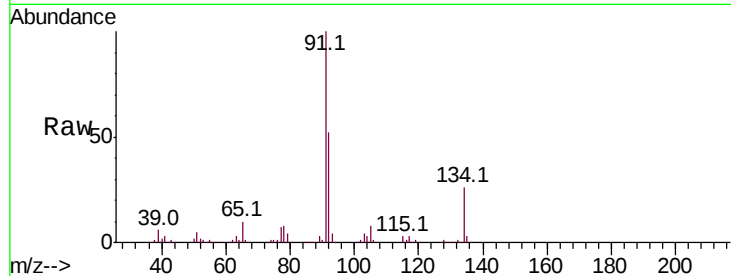




#89  
n-Butylbenzene  
Concen: 20.236 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.01 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

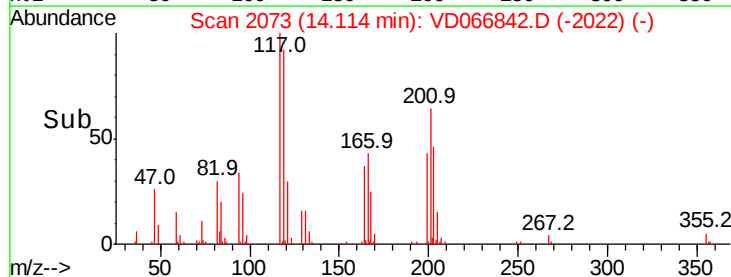
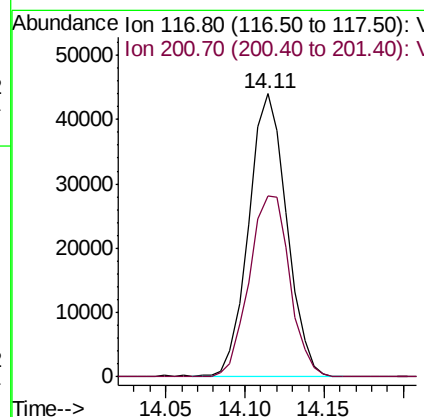
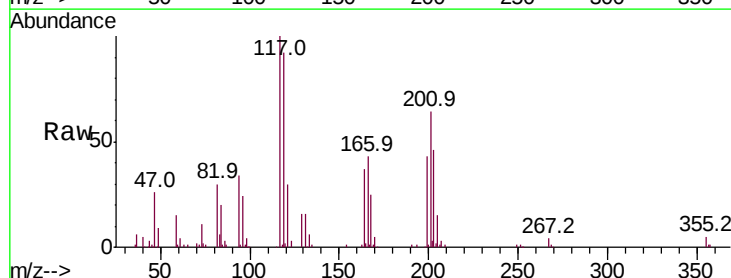
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

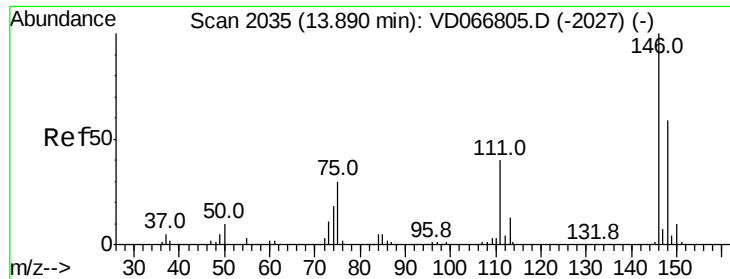
Tot Ion: 91 Resp: 351233  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.7 80.0  
134 26.5 13.1 39.1



#90  
Hexachloroethane  
Concen: 19.810 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion: 117 Resp: 73442  
Ion Ratio Lower Upper  
117 100  
201 68.2 33.7 101.0

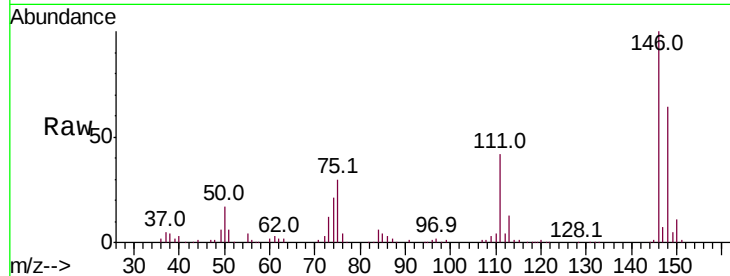




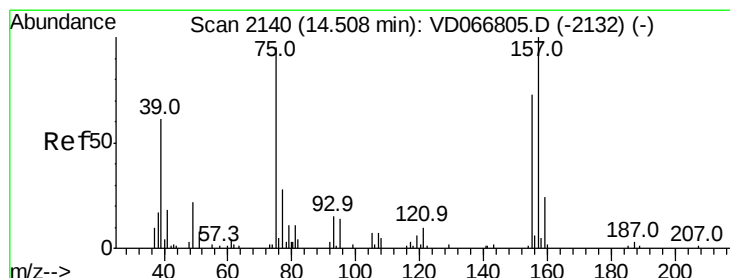
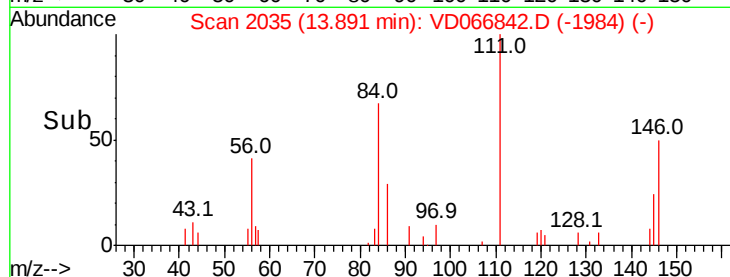
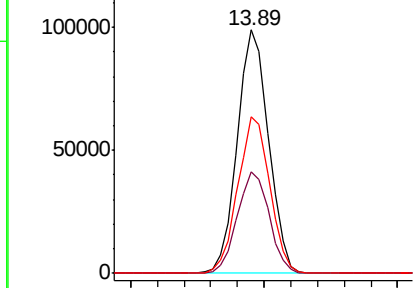
#91  
 1,2-Dichlorobenzene  
 Concen: 20.140 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. 0.00 min  
 Lab File: VD066842.D  
 Acq: 24 Sep 2020 11:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0924SBS01

Tot Ion:146 Resp: 160867  
 Ion Ratio Lower Upper  
 146 100  
 111 42.5 20.9 62.7  
 148 65.5 31.8 95.3

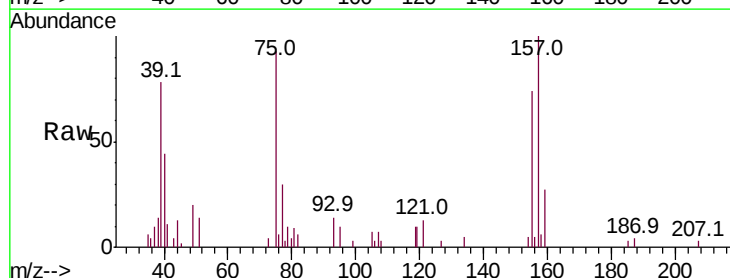


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

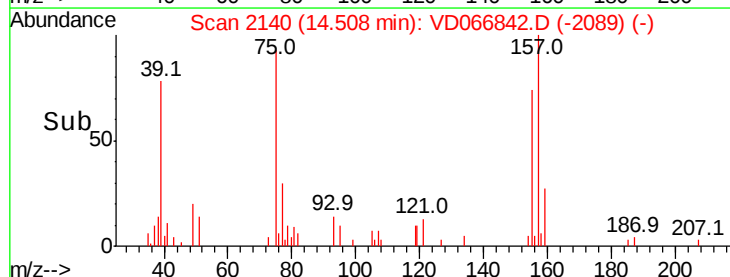
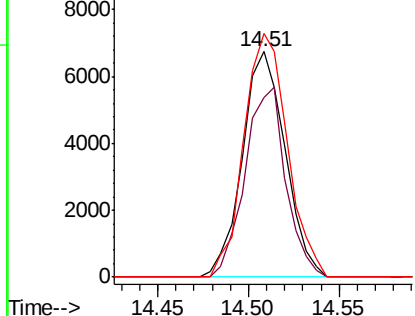


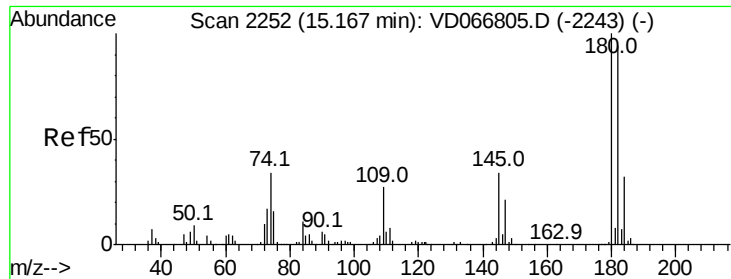
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.740 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. 0.00 min  
 Lab File: VD066842.D  
 Acq: 24 Sep 2020 11:09

Tgt Ion: 75 Resp: 11071  
 Ion Ratio Lower Upper  
 75 100  
 155 80.0 40.4 121.2  
 157 109.8 51.3 153.9



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

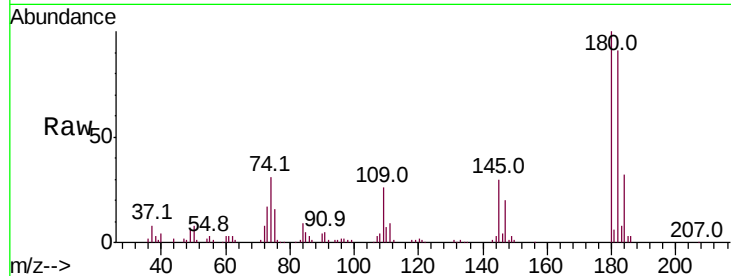




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.971 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: VD066842.D  
 Acq: 24 Sep 2020 11:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0924SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.2  | 48.8  | 146.3 |
| 145     | 30.5  | 16.7  | 50.0  |

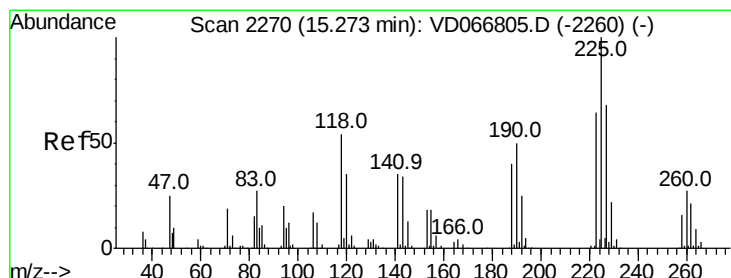
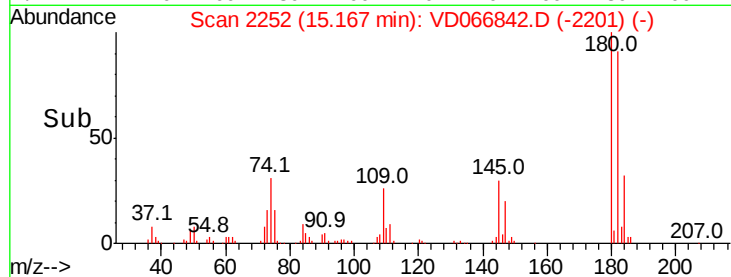
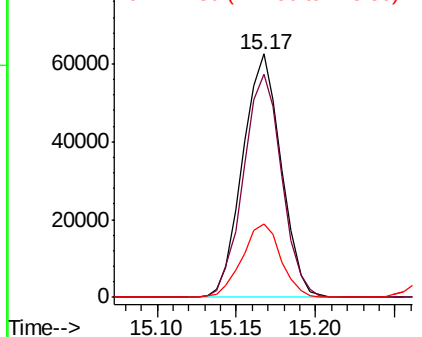


Abundance

Ion 179.80 (179.50 to 180.50): V

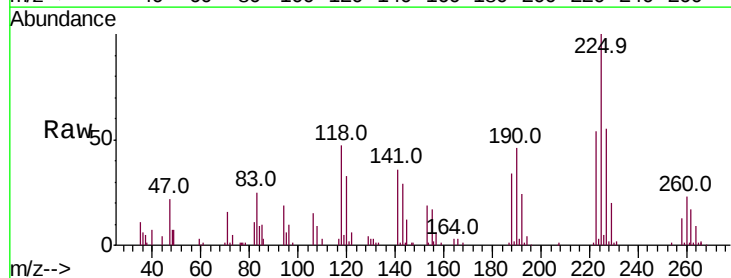
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 20.544 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD066842.D  
 Acq: 24 Sep 2020 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.0  | 31.1  | 93.3  |
| 227     | 62.4  | 31.7  | 95.1  |

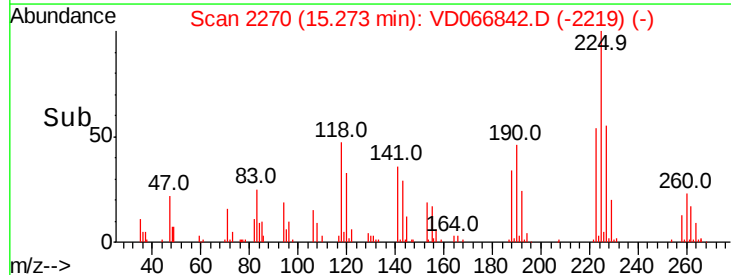
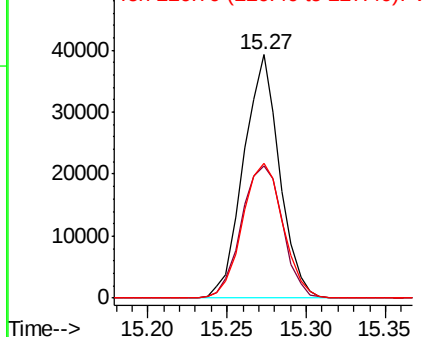


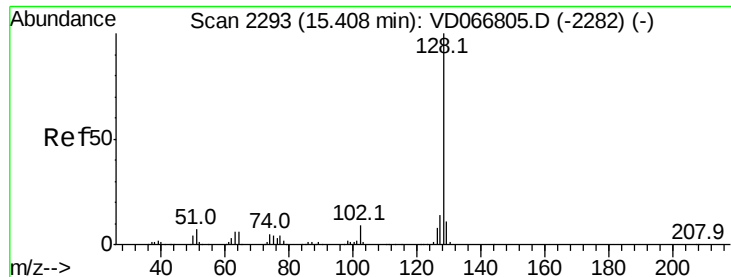
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

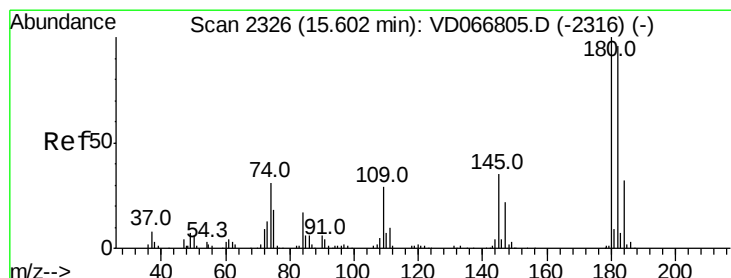
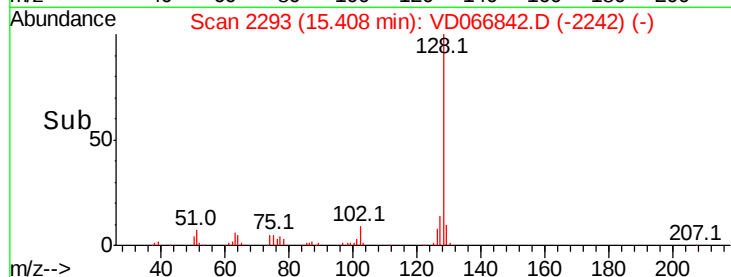
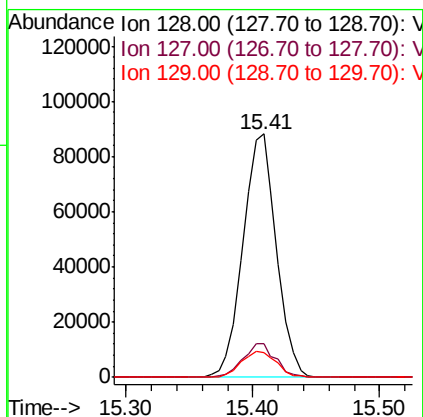
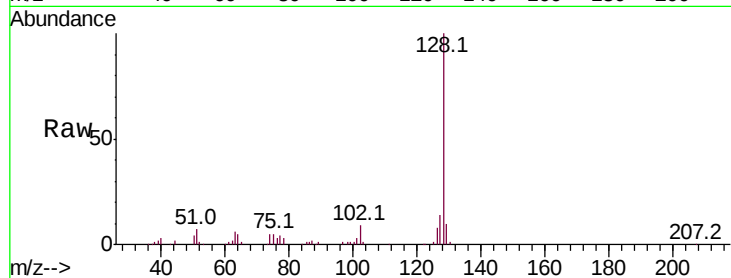




#95  
Naphthalene  
Concen: 18.862 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0924SBS01

Tot Ion:128 Resp: 161015  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.6 16.0  
129 11.2 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 20.316 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. 0.00 min  
Lab File: VD066842.D  
Acq: 24 Sep 2020 11:09

Tgt Ion:180 Resp: 88169  
Ion Ratio Lower Upper  
180 100  
182 96.1 46.8 140.3  
145 33.2 17.0 51.0

