

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061919\  
 Data File : VD062779.D  
 Acq On : 19 Jun 2019 15:12  
 Operator : VA/AP  
 Sample : VSTDIC020  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jun 20 01:37:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:31:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 880133   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 1208903  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 1020726  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 516592   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 7.46   | 65  | 186440   | 19.47 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 38.94% |      |
| 35) Dibromofluoromethane  | 6.93   | 113 | 194959   | 19.13 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 38.26% |      |
| 50) Toluene-d8            | 10.41  | 98  | 404722   | 18.24 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 36.48% |      |
| 62) 4-Bromofluorobenzene  | 13.56  | 95  | 197906   | 19.62 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 39.24% |      |

## Target Compounds

|                               |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85  | 236391  | 20.735 | ug/l   | 92     |
| 3) Chloromethane              | 1.74 | 50  | 178202  | 20.784 | ug/l   | 91     |
| 4) Vinyl Chloride             | 1.84 | 62  | 166446  | 19.580 | ug/l   | 97     |
| 5) Bromomethane               | 2.14 | 94  | 69368   | 17.425 | ug/l   | 95     |
| 6) Chloroethane               | 2.25 | 64  | 65887   | 17.119 | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 2.52 | 101 | 326414  | 18.973 | ug/l   | 98     |
| 8) Diethyl Ether              | 2.86 | 74  | 38862   | 17.779 | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101 | 177020  | 18.994 | ug/l   | 96     |
| 10) Methyl Iodide             | 3.29 | 142 | 224239  | 18.239 | ug/l # | 97     |
| 11) Tert butyl alcohol        | 4.09 | 59  | 41600   | 95.376 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.12 | 96  | 134735  | 19.271 | ug/l   | 91     |
| 13) Acrolein                  | 3.03 | 56  | 39870   | 89.544 | ug/l # | 81     |
| 14) Allyl chloride            | 3.61 | 41  | 181893  | 17.626 | ug/l   | 99     |
| 15) Acrylonitrile             | 4.20 | 53  | 90816   | 88.621 | ug/l   | 88     |
| 16) Acetone                   | 3.23 | 43  | 177128  | 82.655 | ug/l # | 93     |
| 17) Carbon Disulfide          | 3.36 | 76  | 428615  | 19.208 | ug/l   | 97     |
| 18) Methyl Acetate            | 3.65 | 43  | 50498   | 17.469 | ug/l # | 89     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73  | 274072  | 18.108 | ug/l   | 95     |
| 20) Methylene Chloride        | 3.81 | 84  | 131717  | 18.035 | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96  | 137004  | 18.404 | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.13 | 45  | 383980  | 18.277 | ug/l   | 99     |
| 23) Vinyl Acetate             | 5.06 | 43  | 1227149 | 93.162 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 4.99 | 63  | 245633  | 17.958 | ug/l   | 97     |
| 25) 2-Butanone                | 6.08 | 43  | 164529  | 91.869 | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 6.02 | 77  | 265136  | 18.287 | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96  | 142011  | 18.039 | ug/l   | 90     |
| 28) Bromochloromethane        | 6.43 | 49  | 101441  | 21.056 | ug/l   | 81     |
| 29) Tetrahydrofuran           | 6.46 | 42  | 76004   | 89.694 | ug/l   | 96     |
| 30) Chloroform                | 6.67 | 83  | 306715  | 18.437 | ug/l   | 98     |
| 31) Cyclohexane               | 6.95 | 56  | 163963  | 18.234 | ug/l   | 88     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97  | 327003  | 18.873 | ug/l   | 91     |
| 36) 1,1-Dichloropropene       | 7.14 | 75  | 210721  | 18.413 | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.19 | 43  | 87559   | 16.707 | ug/l # | 89     |
| 38) Carbon Tetrachloride      | 7.11 | 117 | 308692  | 17.613 | ug/l   | 95     |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jun 20 01:37:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:31:14 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 185655   | 18.430  | ug/l   | 97       |
| 40) Benzene                    | 7.46  | 78   | 416371   | 18.125  | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.45  | 41   | 105181   | 17.428  | ug/l # | 88       |
| 42) 1,2-Dichloroethane         | 7.59  | 62   | 228082   | 18.201  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 104250   | 17.376  | ug/l # | 98       |
| 44) Trichloroethene            | 8.54  | 130  | 160373   | 17.808  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 95374    | 16.697  | ug/l   | 94       |
| 46) Dibromomethane             | 9.06  | 93   | 86013    | 17.530  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.38  | 83   | 242736   | 19.048  | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.12  | 41   | 83642    | 19.618  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.09  | 88   | 16520    | 465.728 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 386269   | 90.807  | ug/l   | 97       |
| 52) Toluene                    | 10.51 | 92   | 267423   | 17.318  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 190797   | 18.293  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.05 | 75   | 204299   | 18.021  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 100315   | 18.909  | ug/l   | 90       |
| 56) Ethyl methacrylate         | 11.05 | 69   | 100046   | 17.646  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.42 | 76   | 141799   | 17.456  | ug/l   | 93       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 277704   | 95.410  | ug/l   | 95       |
| 59) 2-Hexanone                 | 11.53 | 43   | 274821   | 90.716  | ug/l   | 95       |
| 60) Dibromochloromethane       | 11.69 | 129  | 183344   | 18.554  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 115363   | 18.412  | ug/l   | 95       |
| 64) Tetrachloroethene          | 11.26 | 164  | 155480   | 18.508  | ug/l   | 90       |
| 65) Chlorobenzene              | 12.40 | 112  | 351880   | 18.575  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 162485   | 18.341  | ug/l   | 94       |
| 67) Ethyl Benzene              | 12.53 | 91   | 636947   | 18.728  | ug/l   | 98       |
| 68) m/p-Xylenes                | 12.67 | 106  | 428988   | 36.215  | ug/l   | 99       |
| 69) o-Xylene                   | 13.05 | 106  | 189566   | 17.506  | ug/l   | 82       |
| 70) Styrene                    | 13.08 | 104  | 347625   | 18.276  | ug/l   | 95       |
| 71) Bromoform                  | 13.24 | 173  | 118076   | 19.453  | ug/l   | 96       |
| 73) Isopropylbenzene           | 13.40 | 105  | 679862   | 20.525  | ug/l   | 96       |
| 74) N-amyl acetate             | 13.27 | 43   | 157441   | 19.573  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 110513   | 20.477  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 115516   | 19.370  | ug/l   | 97       |
| 77) Bromobenzene               | 13.67 | 156  | 170915   | 19.184  | ug/l   | 87       |
| 78) n-propylbenzene            | 13.78 | 91   | 780552   | 20.247  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 13.85 | 91   | 444415   | 20.190  | ug/l   | 89       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 574428   | 20.647  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 31775    | 20.330  | ug/l   | 89       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 552675   | 20.837  | ug/l   | 90       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 631791   | 20.373  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 566337   | 19.860  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 665841   | 19.755  | ug/l   | 94       |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 614886   | 19.941  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 319943   | 20.034  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 308006   | 19.202  | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.80 | 91   | 583344   | 20.212  | ug/l   | 97       |
| 90) Hexachloroethane           | 15.01 | 117  | 169380   | 20.430  | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 273448   | 20.013  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 21853    | 20.746  | ug/l   | 80       |

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Operator : VA/AP  
Sample : VSTDICC020  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

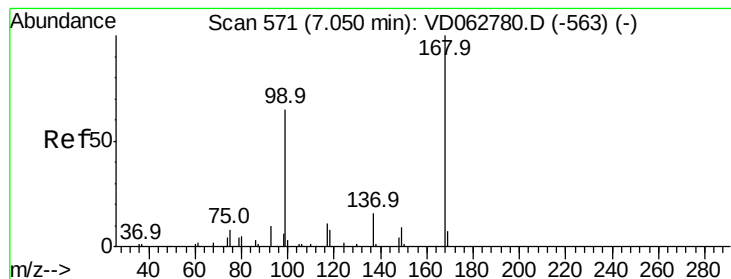
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

Quant Time: Jun 20 01:37:14 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 01:31:14 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 211020   | 19.770 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 165981   | 20.355 | ug/l  | 94       |
| 95) Naphthalene            | 16.12 | 128  | 308081   | 20.593 | ug/l  | 96       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 175620   | 21.415 | ug/l  | 93       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

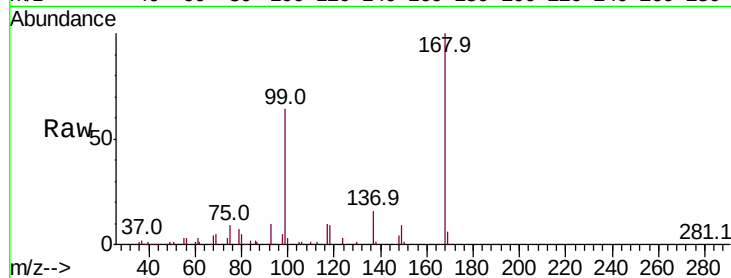
VSTDIC020

Tot Ion:168 Resp: 880133

Ion Ratio Lower Upper

168 100

99 64.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

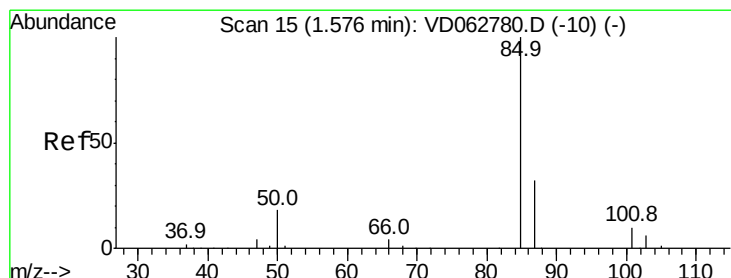
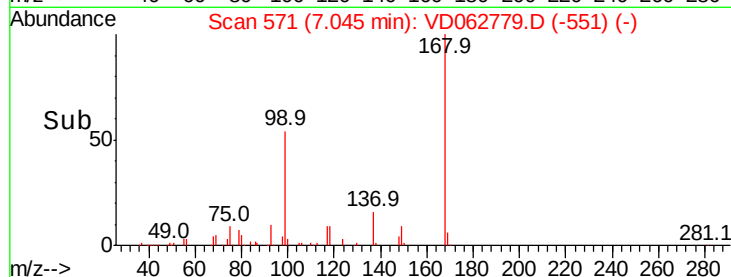
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.735 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.00 min

Lab File: VD062779.D

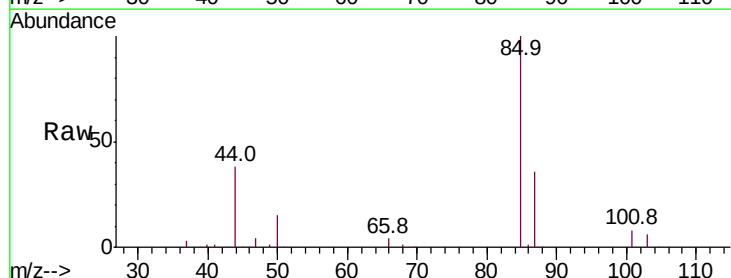
Acq: 19 Jun 2019 15:12

Tgt Ion: 85 Resp: 236391

Ion Ratio Lower Upper

85 100

87 35.9 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

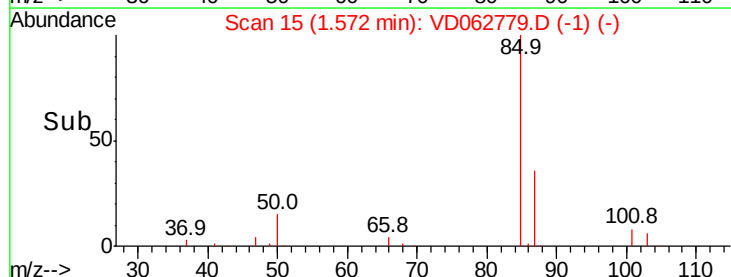
1.57

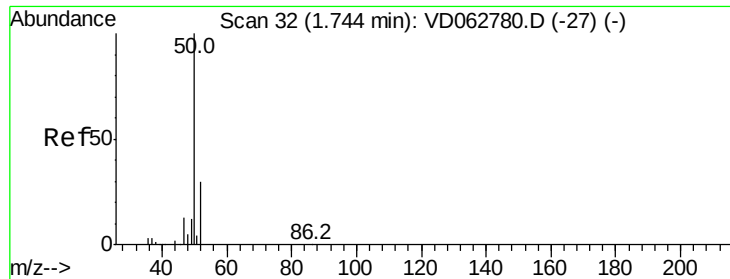
100000

50000

0

Time-->





#3

Chloromethane

Concen: 20.784 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

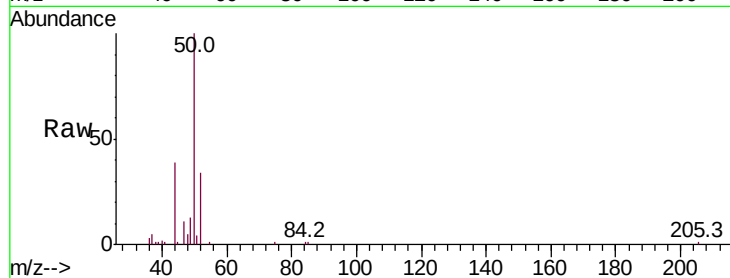
VSTDIC020

Tot Ion: 50 Resp: 178202

Ion Ratio Lower Upper

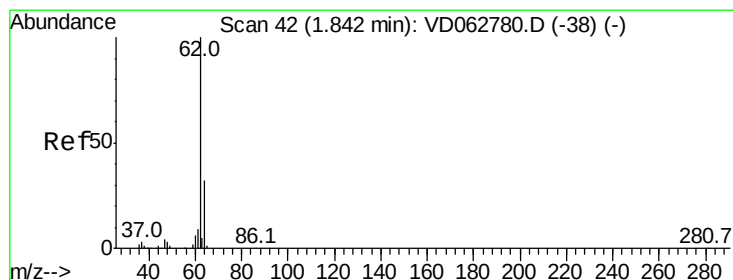
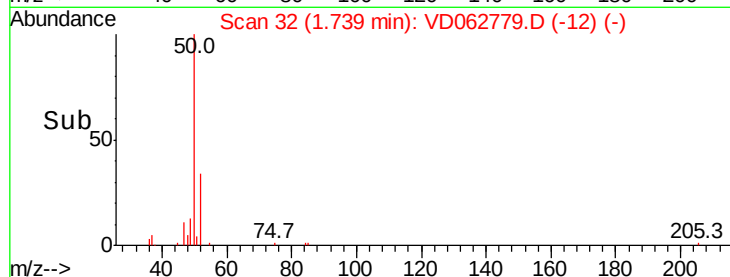
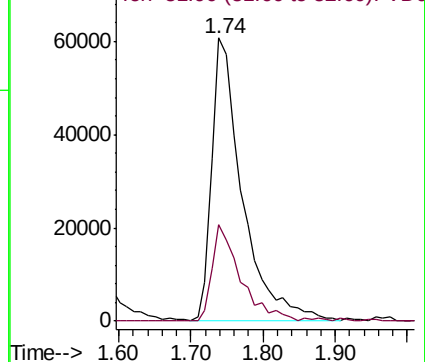
50 100

52 34.2 23.6 35.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.580 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.00 min

Lab File: VD062779.D

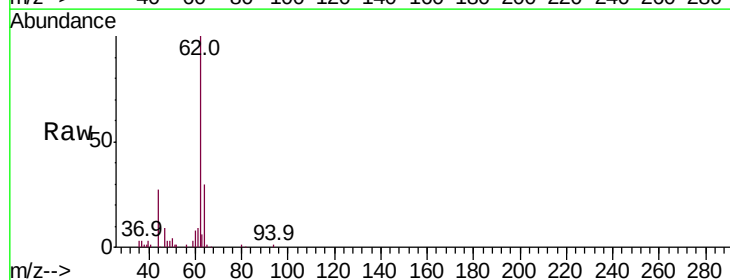
Acq: 19 Jun 2019 15:12

Tgt Ion: 62 Resp: 166446

Ion Ratio Lower Upper

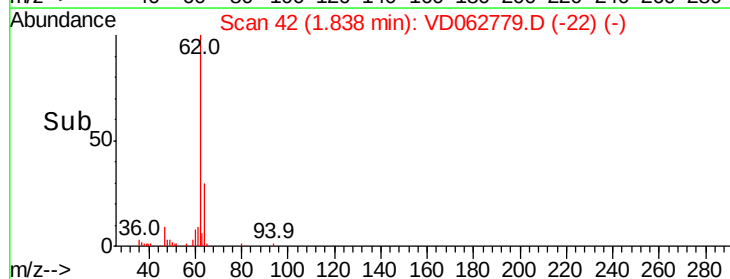
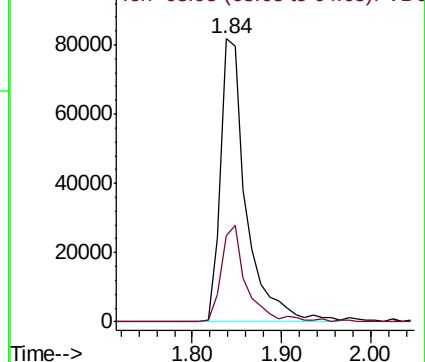
62 100

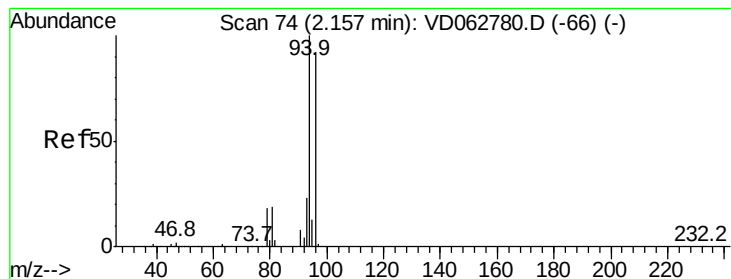
64 30.4 25.6 38.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 17.425 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

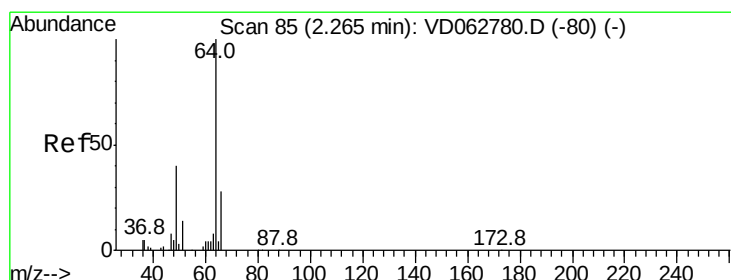
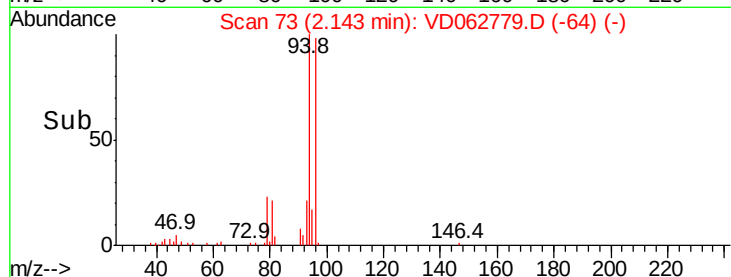
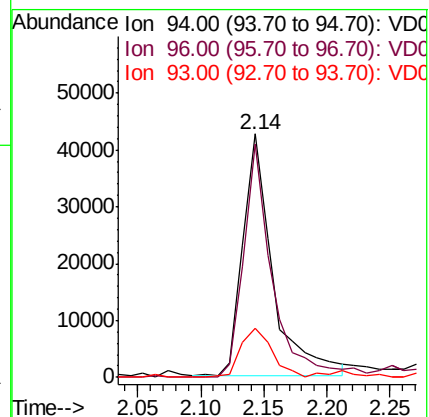
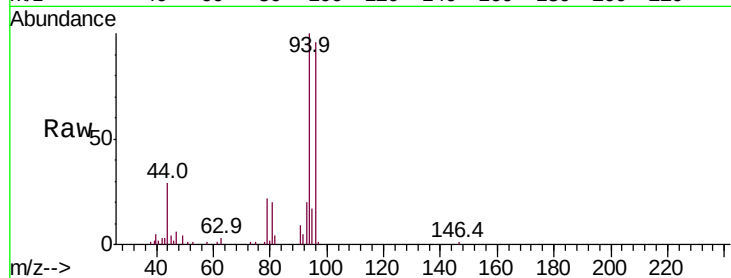
Tot Ion: 94 Resp: 69368

Ion Ratio Lower Upper

94 100

96 96.0 73.4 110.2

93 20.3 18.2 27.4



#6

Chloroethane

Concen: 17.119 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD062779.D

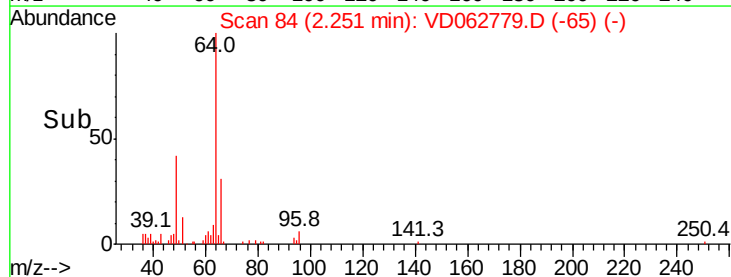
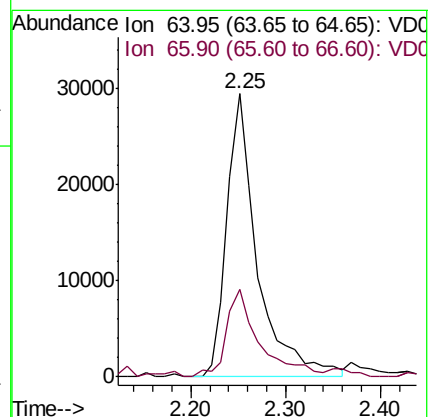
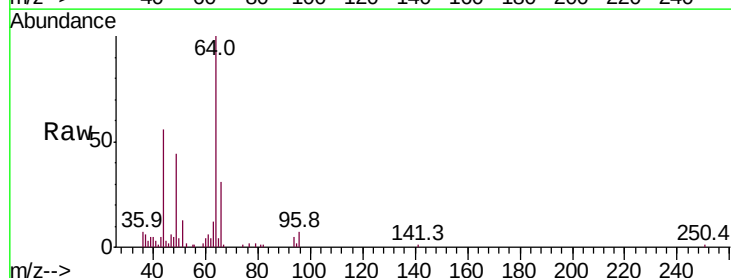
Acq: 19 Jun 2019 15:12

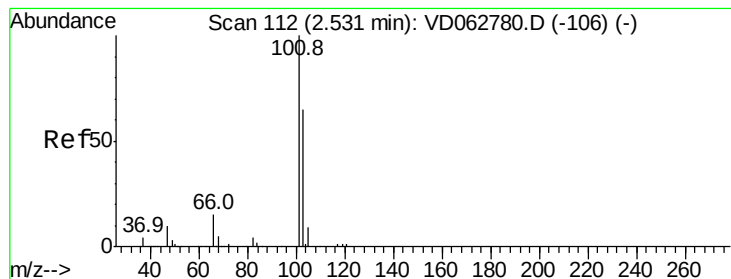
Tgt Ion: 64 Resp: 65887

Ion Ratio Lower Upper

64 100

66 31.1 23.0 34.4





#7

Trichlorofluoromethane

Concen: 18.973 ug/l

RT: 2.52 min Scan# 111

Delta R.T. -0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

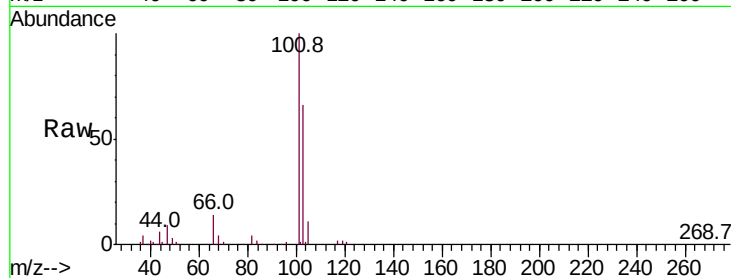
VSTDIC020

Tot Ion:101 Resp: 326414

Ion Ratio Lower Upper

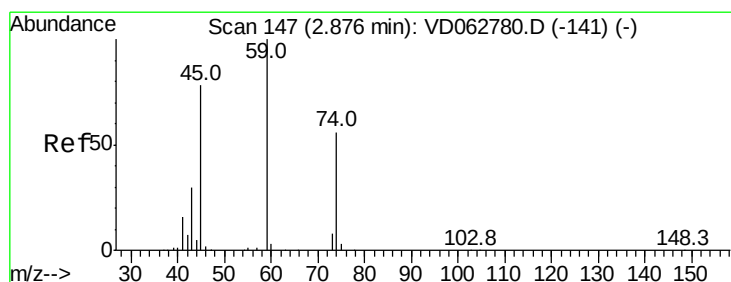
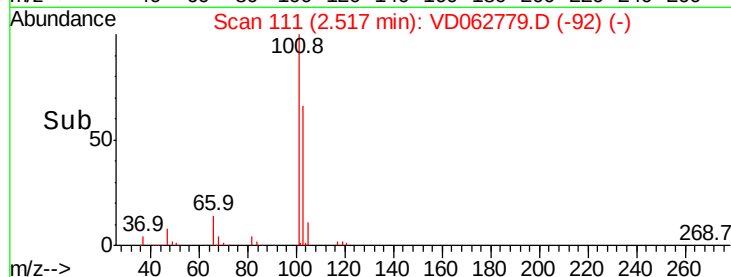
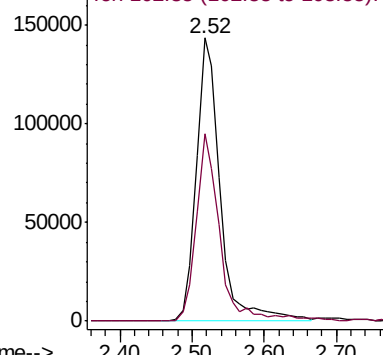
101 100

103 66.1 51.8 77.8



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 17.779 ug/l

RT: 2.86 min Scan# 146

Delta R.T. -0.01 min

Lab File: VD062779.D

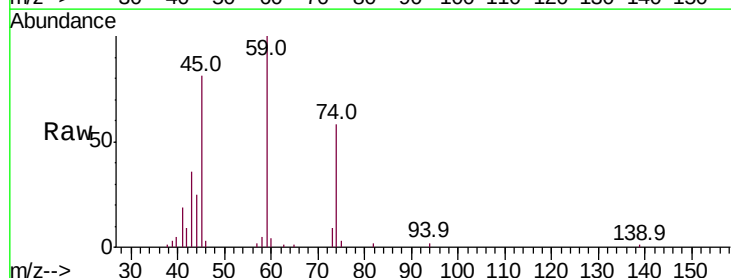
Acq: 19 Jun 2019 15:12

Tgt Ion: 74 Resp: 38862

Ion Ratio Lower Upper

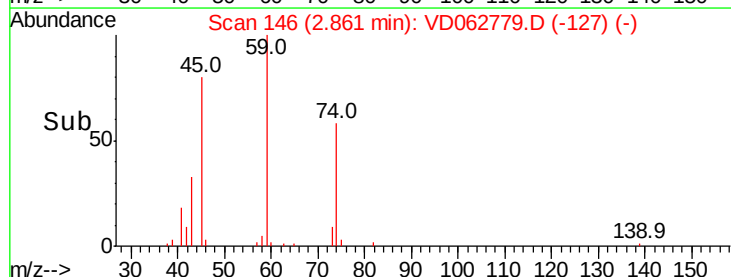
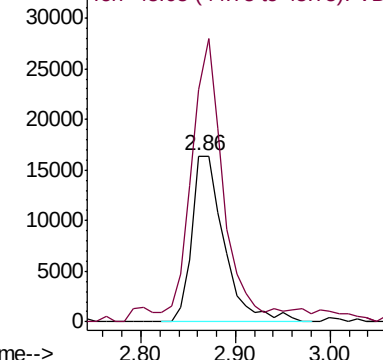
74 100

45 139.8 70.2 210.6

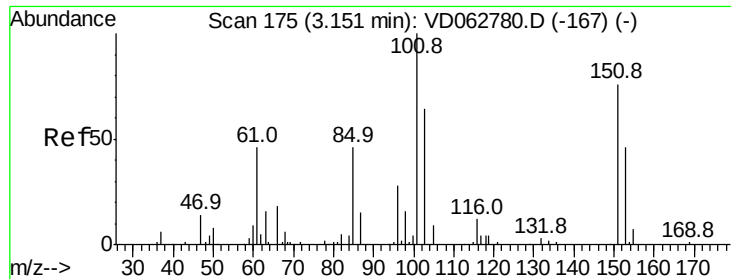


Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.994 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

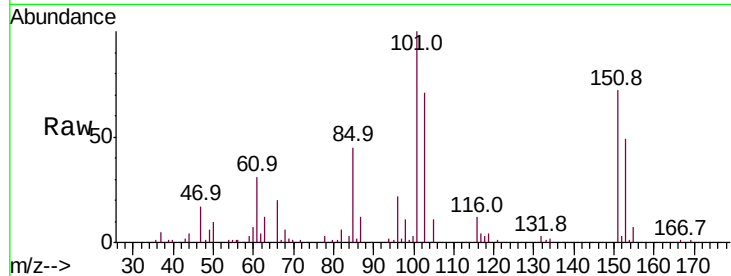
Tot Ion:101 Resp: 177020

Ion Ratio Lower Upper

101 100

85 44.5 37.0 55.4

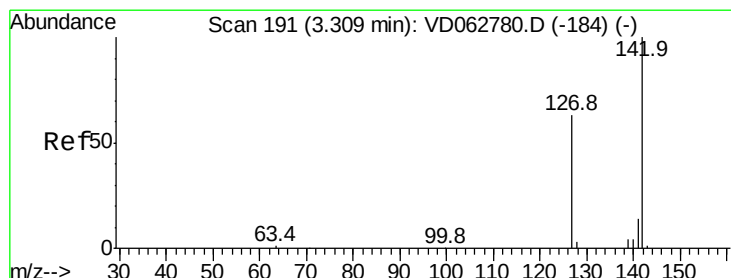
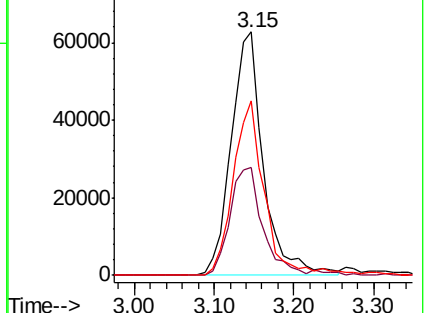
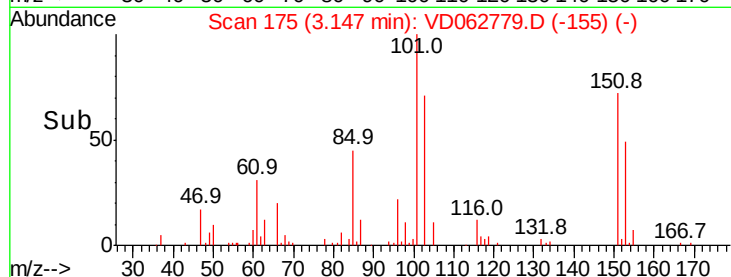
151 71.5 60.5 90.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 18.239 ug/l

RT: 3.29 min Scan# 190

Delta R.T. -0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

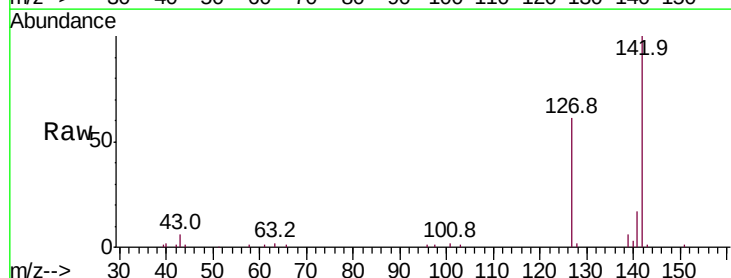
Tgt Ion:142 Resp: 224239

Ion Ratio Lower Upper

142 100

127 61.1 50.1 75.1

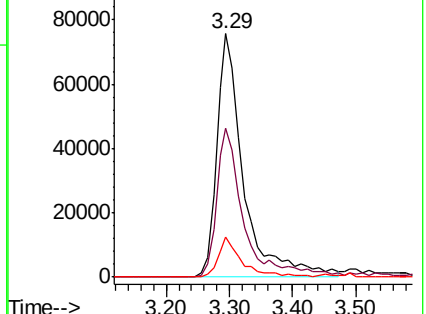
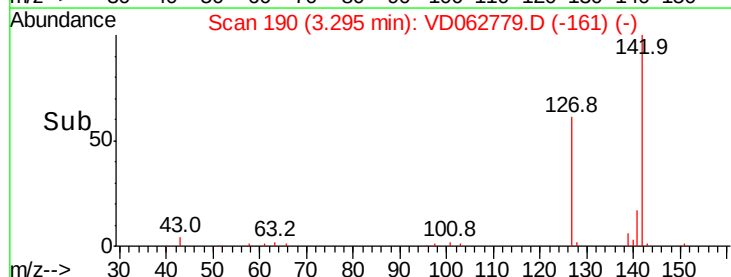
141 16.5 11.0 16.4#

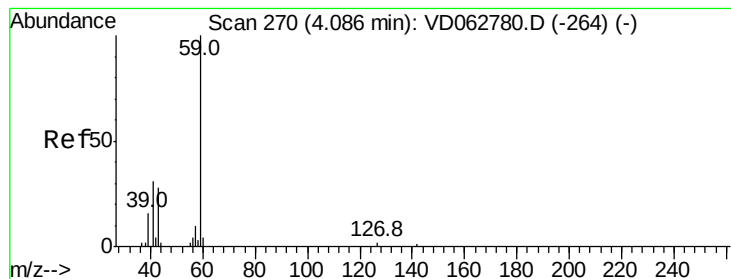


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



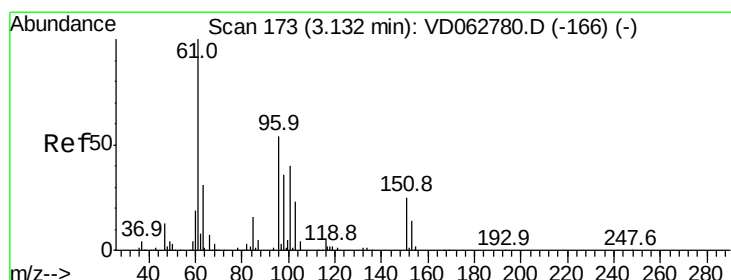
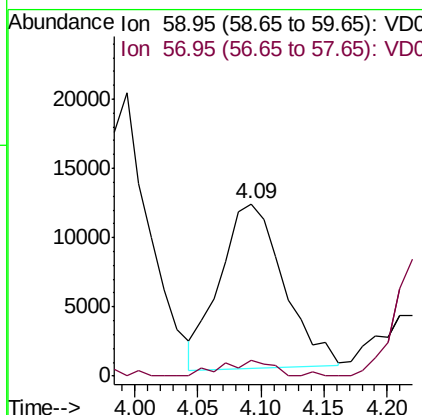
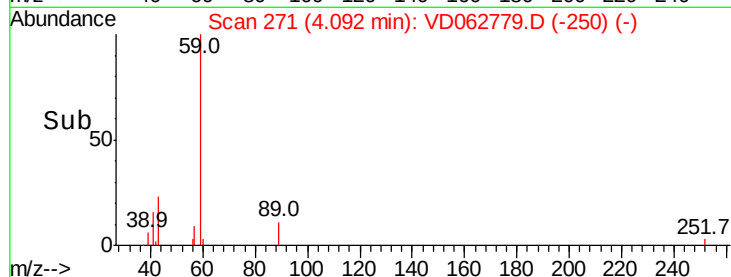
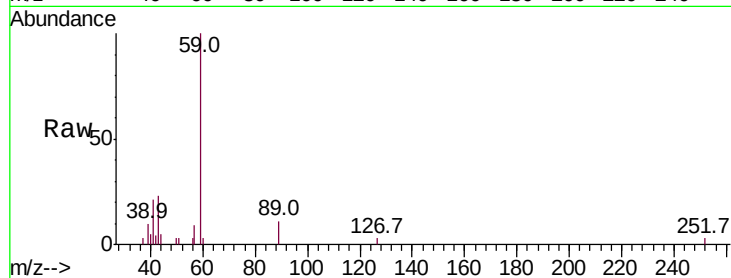


#11

Tert butyl alcohol  
 Concen: 95.376 ug/l  
 RT: 4.09 min Scan# 271  
 Delta R.T. 0.01 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

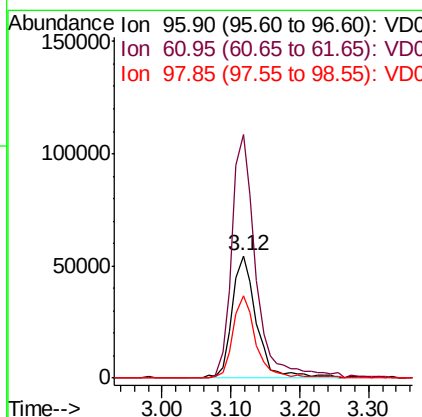
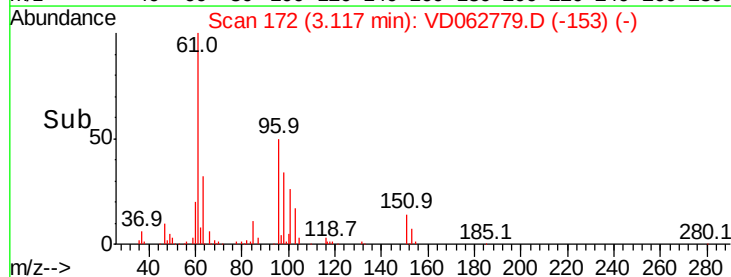
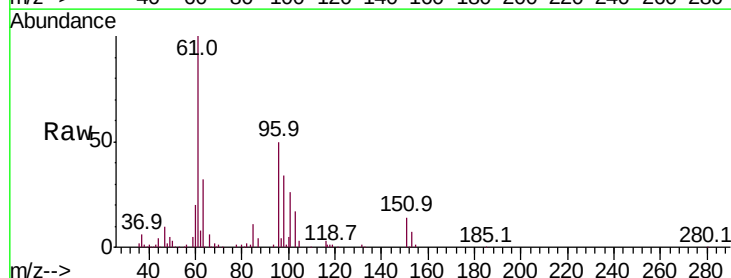
Tot Ion: 59 Resp: 41600  
 Ion Ratio Lower Upper  
 59 100  
 57 9.0 6.6 10.0

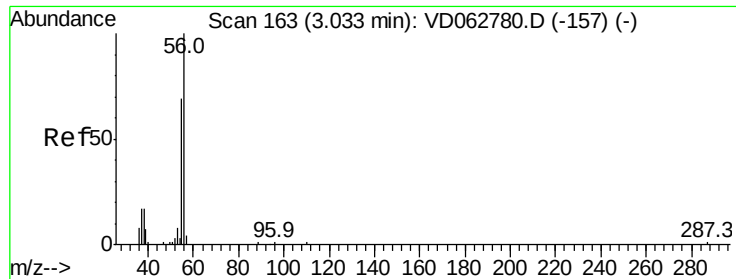


#12

1,1-Dichloroethene  
 Concen: 19.271 ug/l  
 RT: 3.12 min Scan# 172  
 Delta R.T. -0.01 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Tgt Ion: 96 Resp: 134735  
 Ion Ratio Lower Upper  
 96 100  
 61 199.6 147.1 220.7  
 98 67.3 52.6 79.0





#13

Acrolein

Concen: 89.544 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

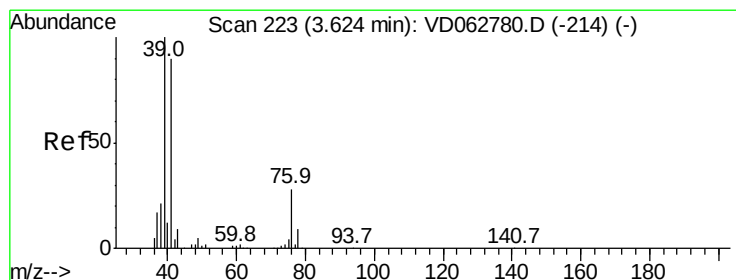
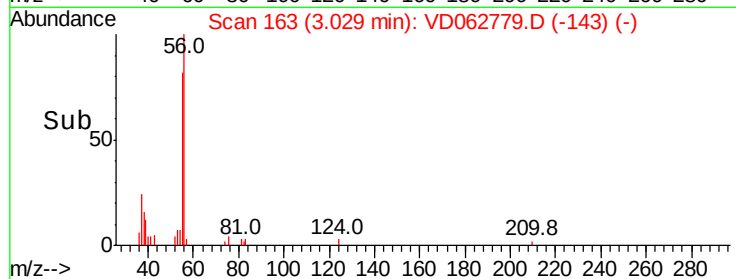
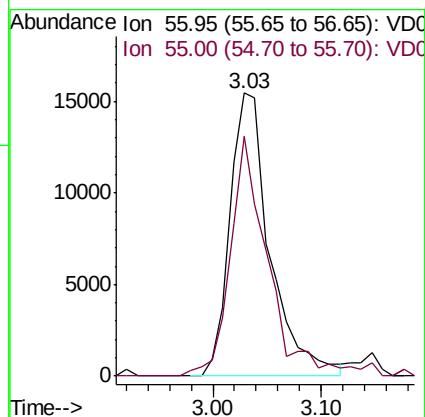
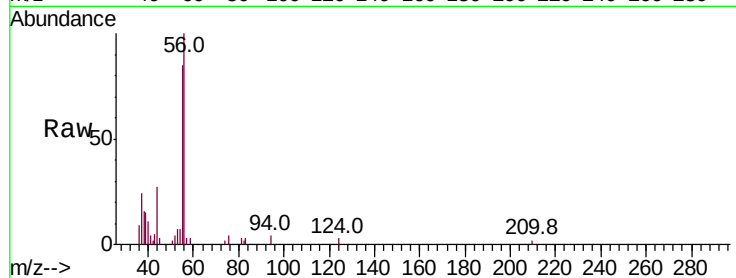
VSTDIC020

Tot Ion: 56 Resp: 39870

Ion Ratio Lower Upper

56 100

55 84.7 55.4 83.0#



#14

Allyl chloride

Concen: 17.626 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

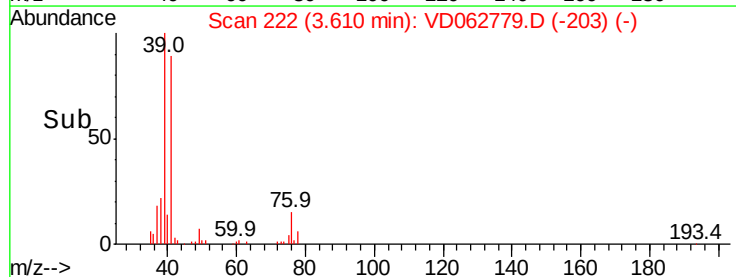
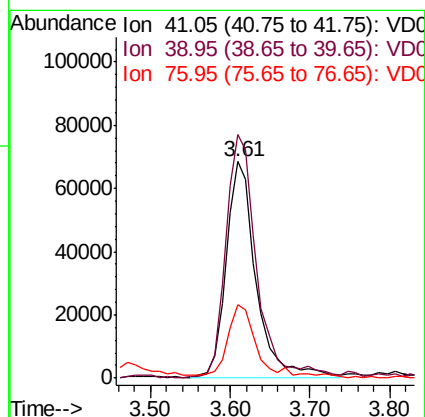
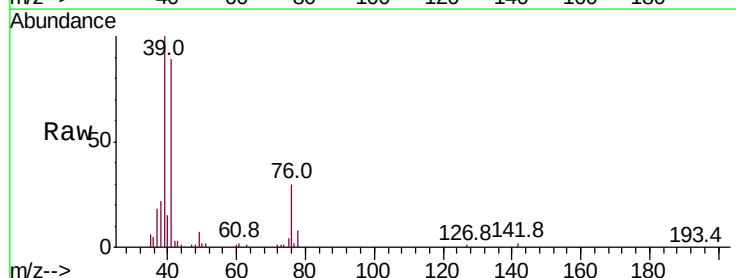
Tgt Ion: 41 Resp: 181893

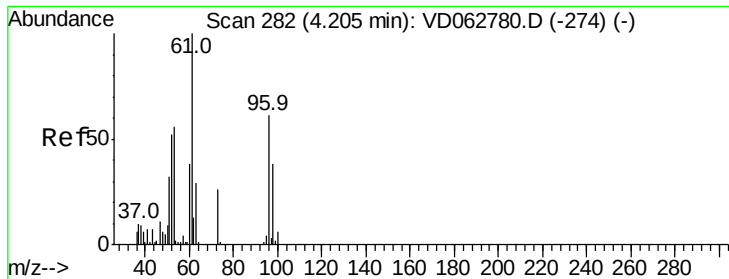
Ion Ratio Lower Upper

41 100

39 112.4 88.8 133.2

76 33.7 26.7 40.1





#15

Acrylonitrile

Concen: 88.621 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

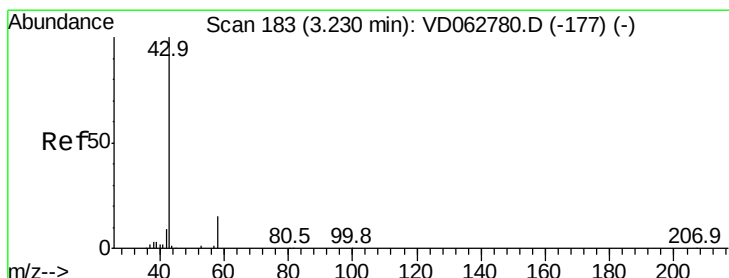
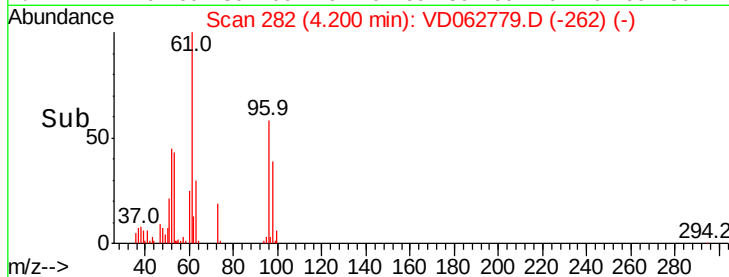
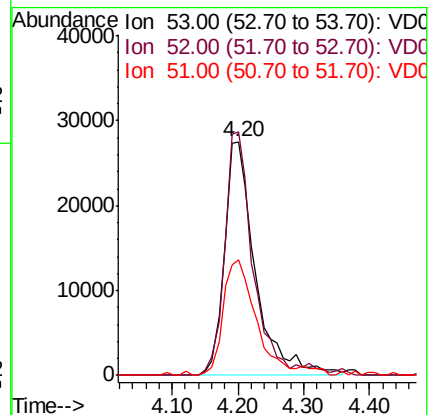
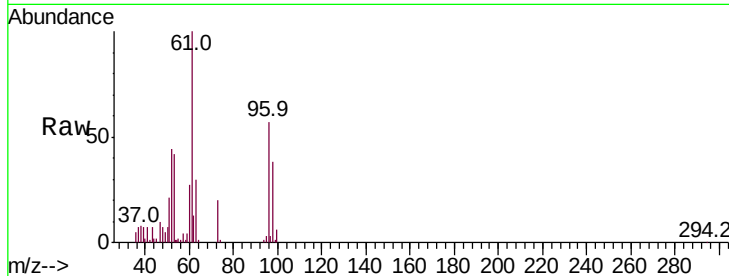
Tot Ion: 53 Resp: 90816

Ion Ratio Lower Upper

53 100

52 104.3 73.3 109.9

51 49.5 44.8 67.2



#16

Acetone

Concen: 82.655 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062779.D

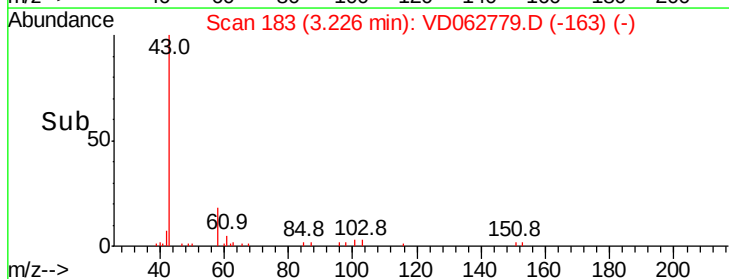
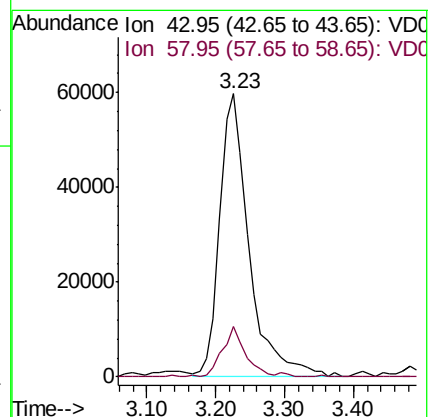
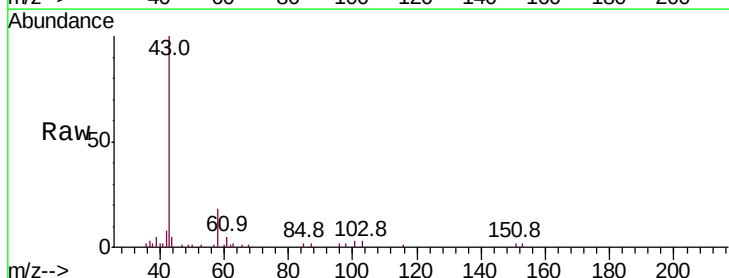
Acq: 19 Jun 2019 15:12

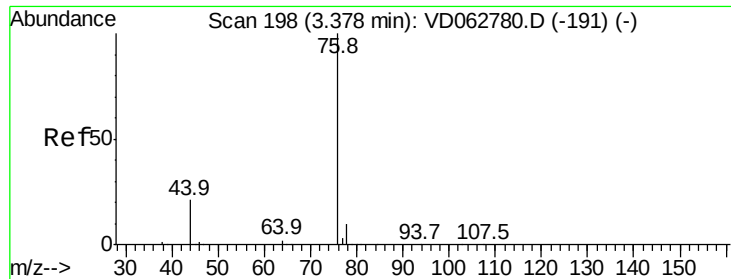
Tgt Ion: 43 Resp: 177128

Ion Ratio Lower Upper

43 100

58 18.0 11.9 17.9#





#17

Carbon Disulfide

Concen: 19.208 ug/l

RT: 3.36 min Scan# 197

Delta R.T. -0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

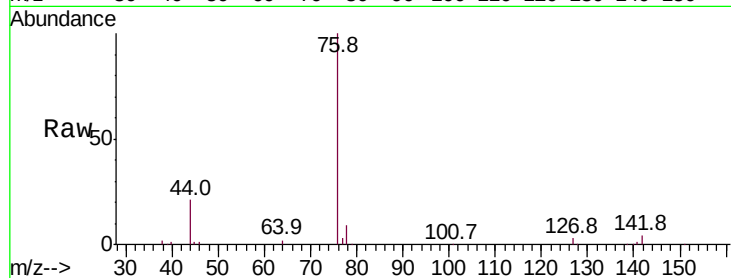
VSTDIC020

Tot Ion: 76 Resp: 428615

Ion Ratio Lower Upper

76 100

78 9.0 8.0 12.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.36

200000

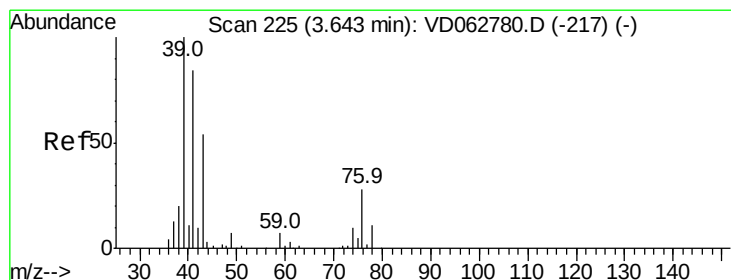
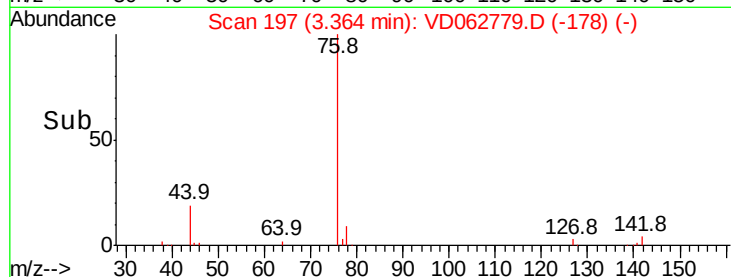
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 17.469 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.01 min

Lab File: VD062779.D

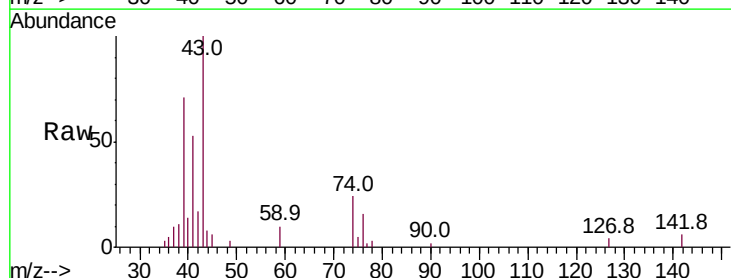
Acq: 19 Jun 2019 15:12

Tgt Ion: 43 Resp: 50498

Ion Ratio Lower Upper

43 100

74 23.8 15.2 22.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.65

20000

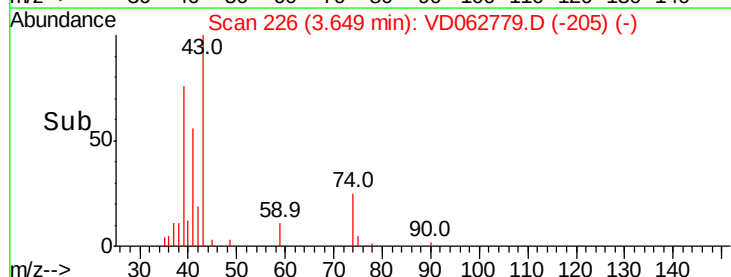
15000

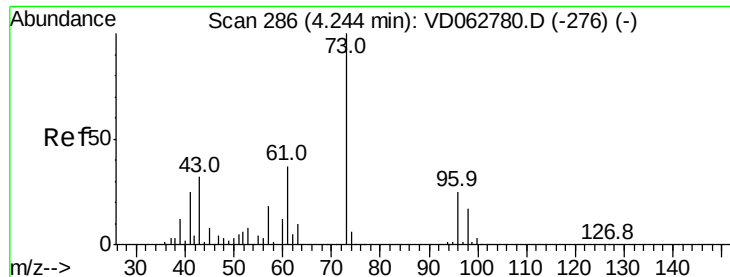
10000

5000

0

Time-->



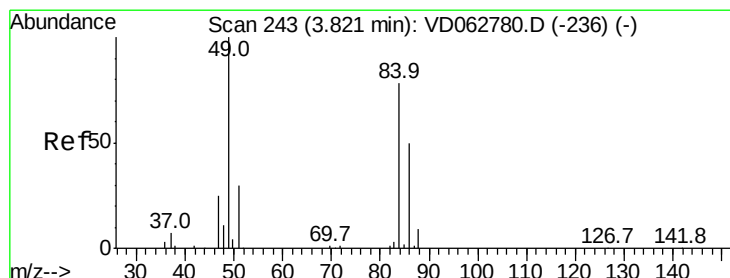
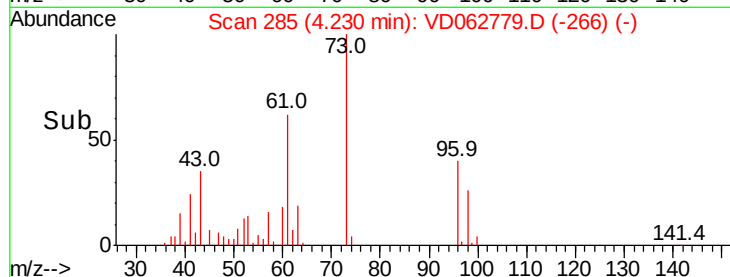
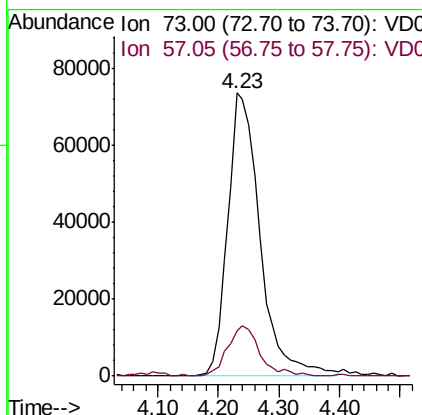
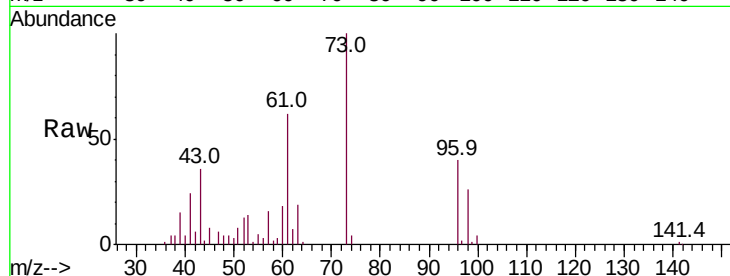


#19

Methyl tert-butyl Ether  
 Concen: 18.108 ug/l  
 RT: 4.23 min Scan# 285  
 Delta R.T. -0.01 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

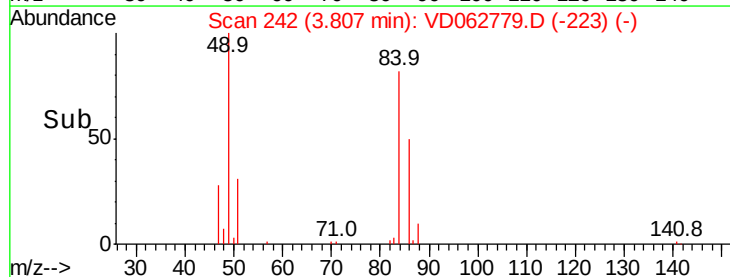
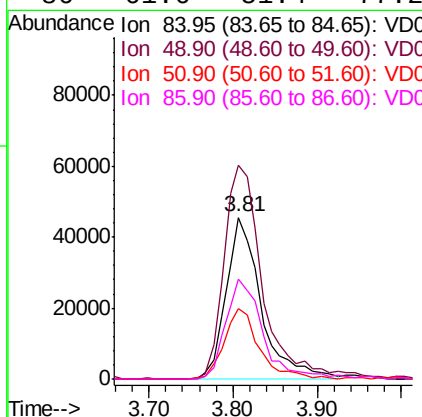
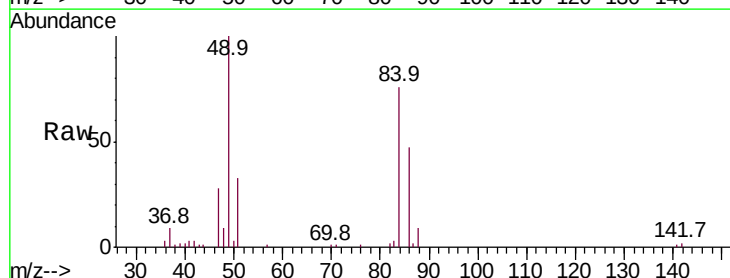
Tot Ion: 73 Resp: 274072  
 Ion Ratio Lower Upper  
 73 100  
 57 15.9 14.3 21.5

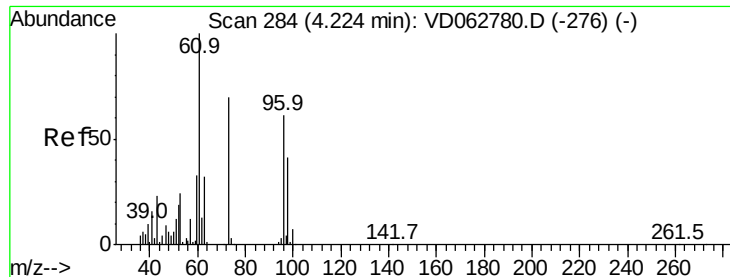


#20

Methylene Chloride  
 Concen: 18.035 ug/l  
 RT: 3.81 min Scan# 242  
 Delta R.T. -0.01 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Tgt Ion: 84 Resp: 131717  
 Ion Ratio Lower Upper  
 84 100  
 49 132.3 102.9 154.3  
 51 43.8 31.2 46.8  
 86 61.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.404 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

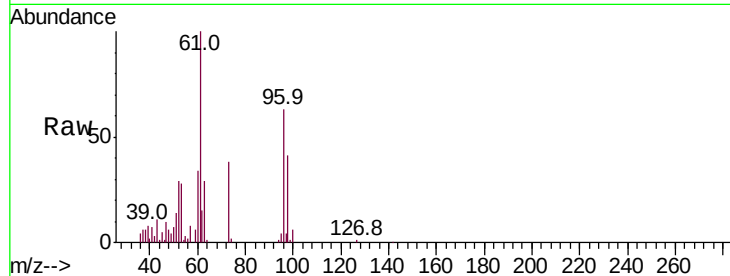
Tot Ion: 96 Resp: 137004

Ion Ratio Lower Upper

96 100

61 158.7 131.0 196.4

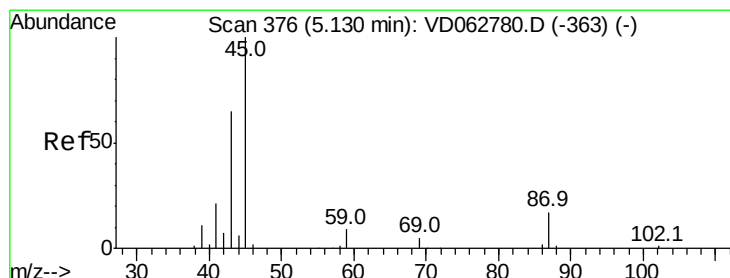
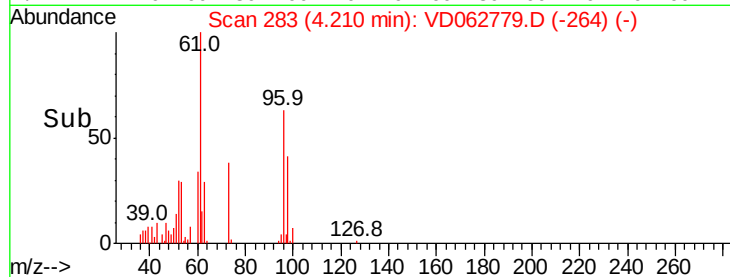
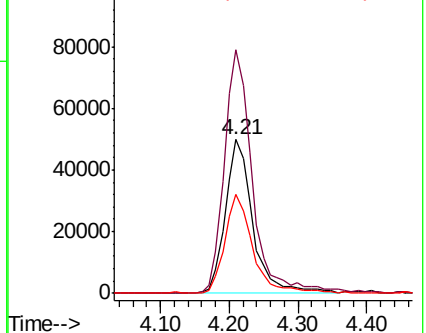
98 64.8 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 18.277 ug/l

RT: 5.13 min Scan# 376

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Tgt Ion: 45 Resp: 383980

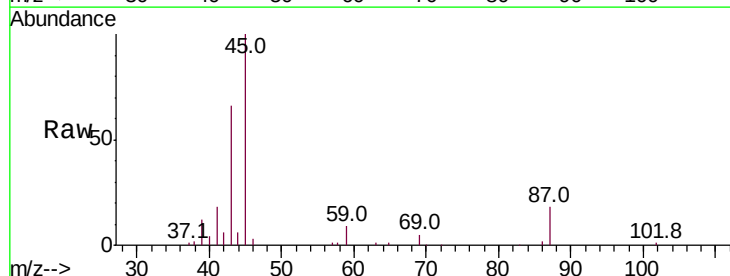
Ion Ratio Lower Upper

45 100

43 65.5 53.4 80.0

87 17.7 14.6 22.0

59 9.1 7.8 11.8

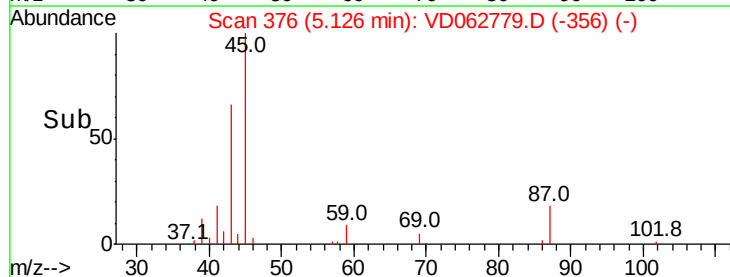
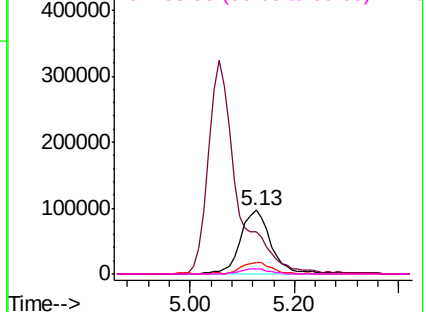


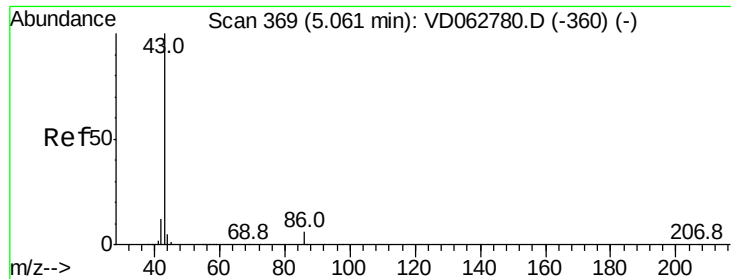
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 93.162 ug/l

RT: 5.06 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

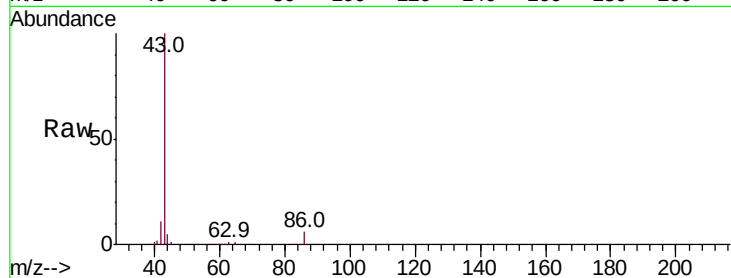
VSTDIC020

Tot Ion: 43 Resp: 1227149

Ion Ratio Lower Upper

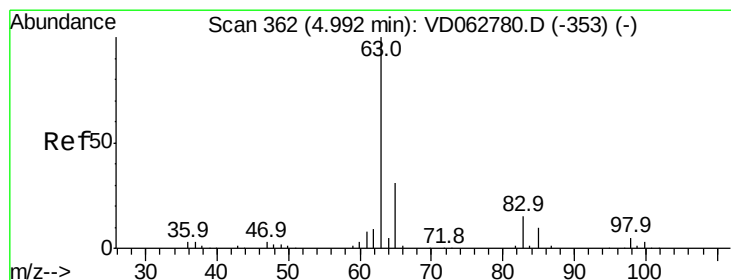
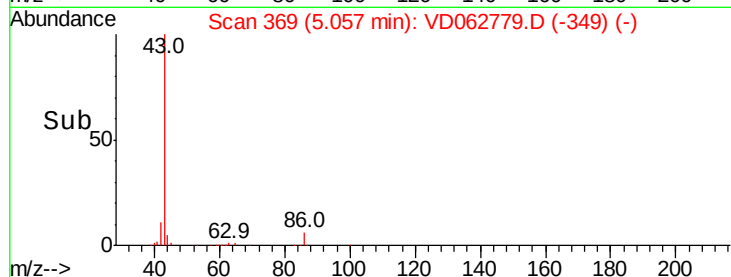
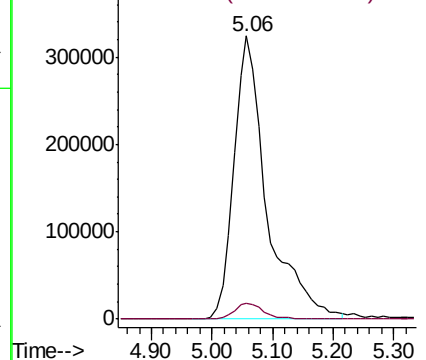
43 100

86 5.8 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 17.958 ug/l

RT: 4.99 min Scan# 362

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

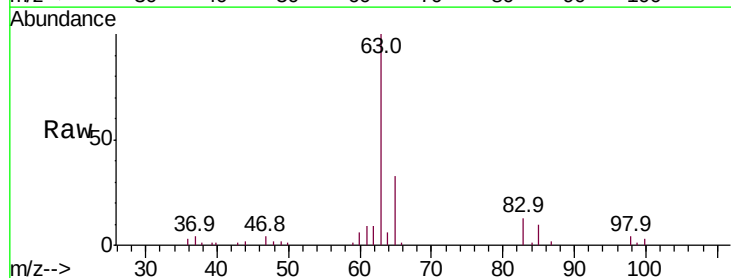
Tgt Ion: 63 Resp: 245633

Ion Ratio Lower Upper

63 100

98 3.6 2.3 6.9

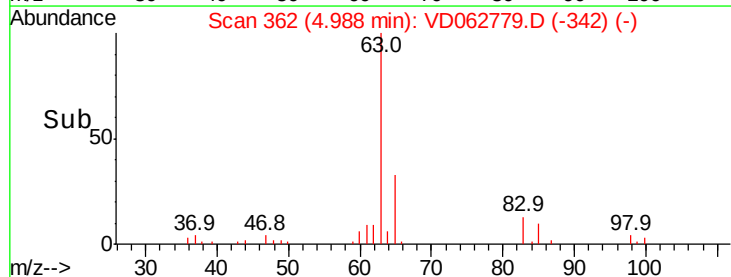
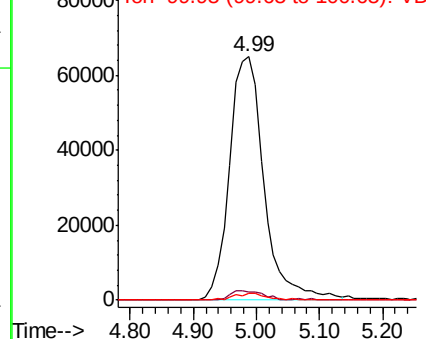
100 2.8 1.7 5.1



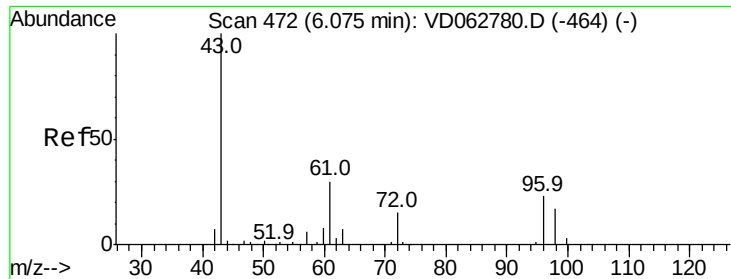
Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC







#25

2-Butanone

Concen: 91.869 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

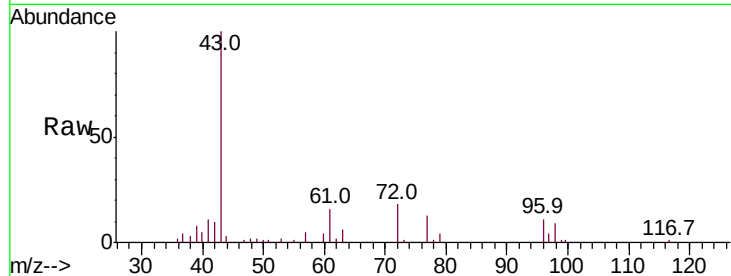
VSTDIC020

Tot Ion: 43 Resp: 164529

Ion Ratio Lower Upper

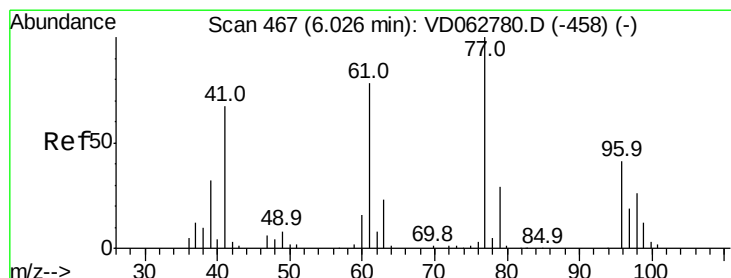
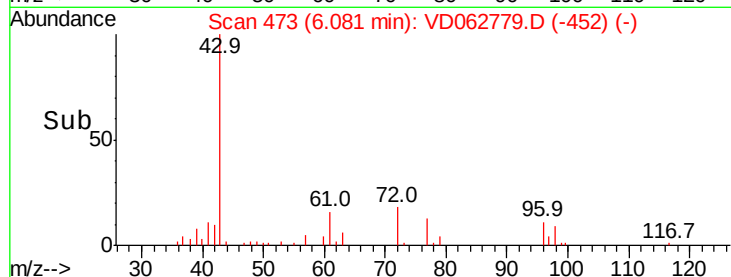
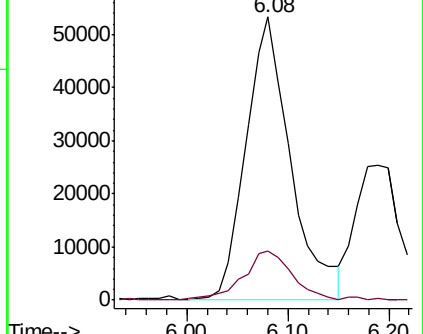
43 100

72 17.6 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.287 ug/l

RT: 6.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: VD062779.D

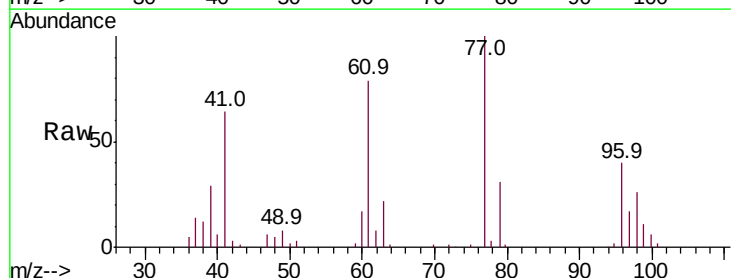
Acq: 19 Jun 2019 15:12

Tgt Ion: 77 Resp: 265136

Ion Ratio Lower Upper

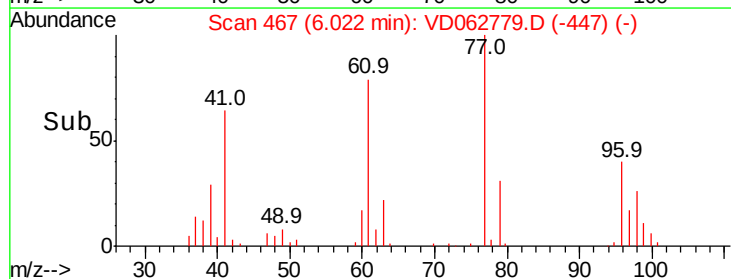
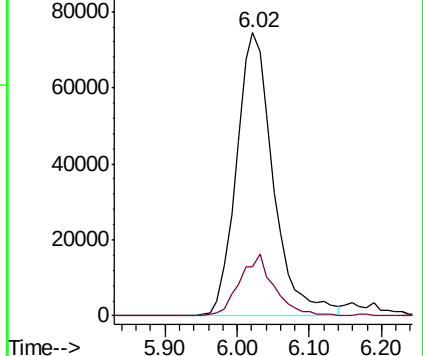
77 100

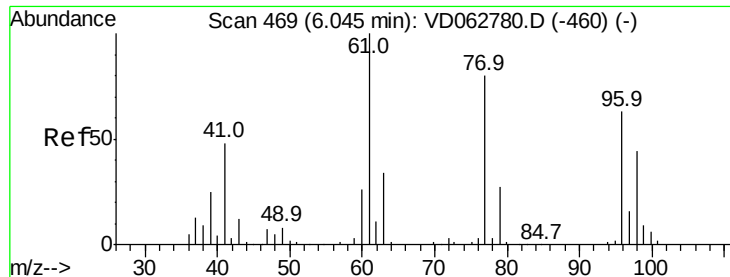
97 17.4 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



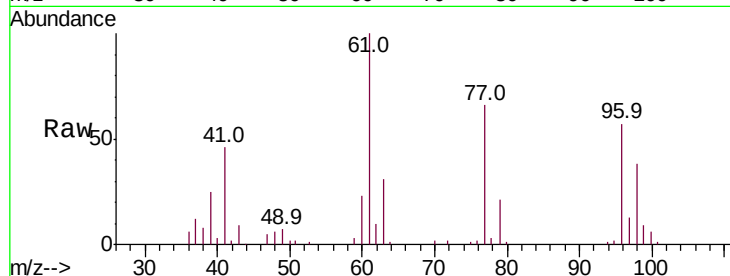


#27

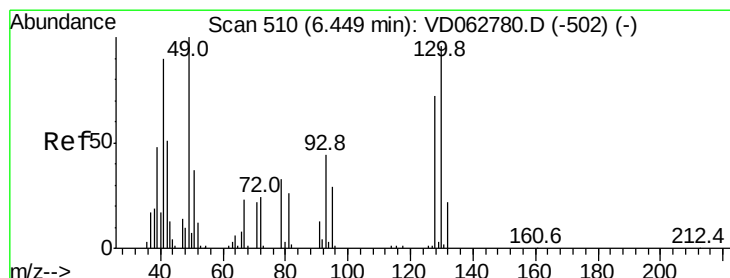
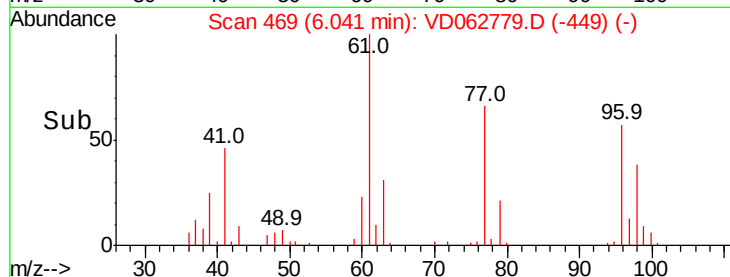
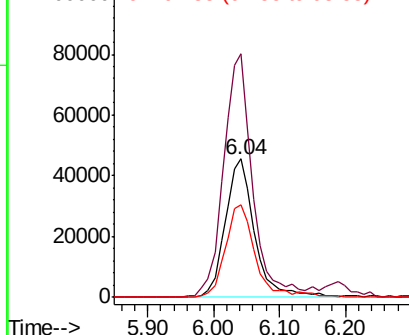
cis-1,2-Dichloroethene  
Concen: 18.039 ug/l  
RT: 6.04 min Scan# 469  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tot Ion: 96 Resp: 142011  
Ion Ratio Lower Upper  
96 100  
61 175.7 0.0 316.0  
98 66.6 0.0 138.4



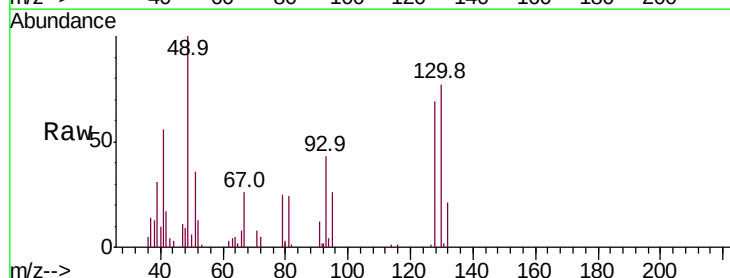
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



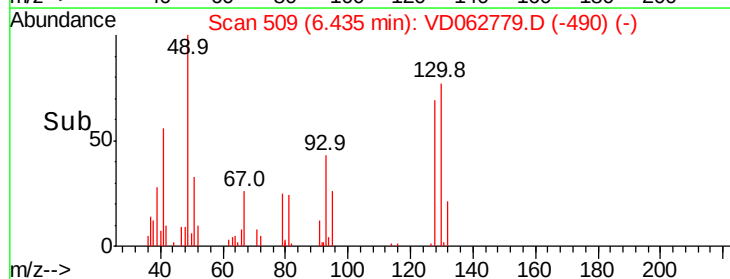
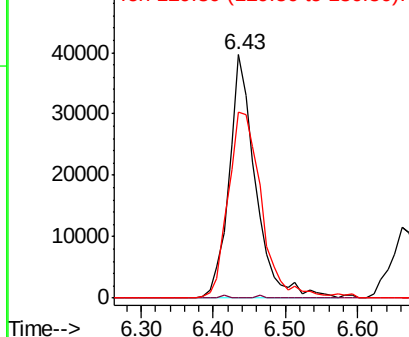
#28

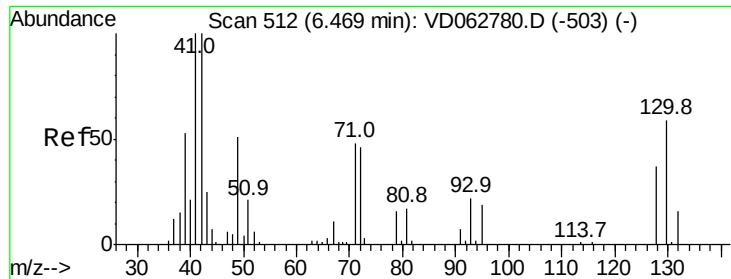
Bromochloromethane  
Concen: 21.056 ug/l  
RT: 6.43 min Scan# 509  
Delta R.T. -0.01 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Tgt Ion: 49 Resp: 101441  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 5.6  
130 76.6 76.6 114.8



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

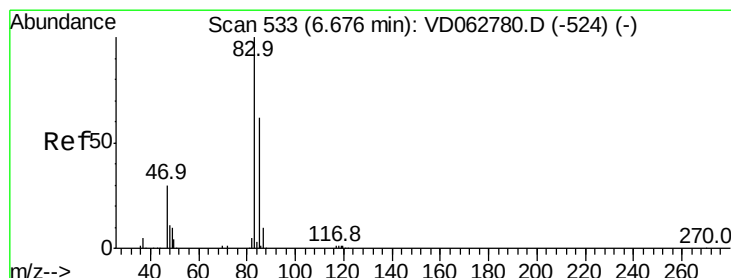
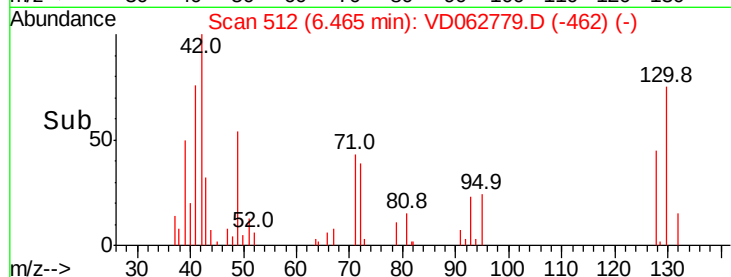
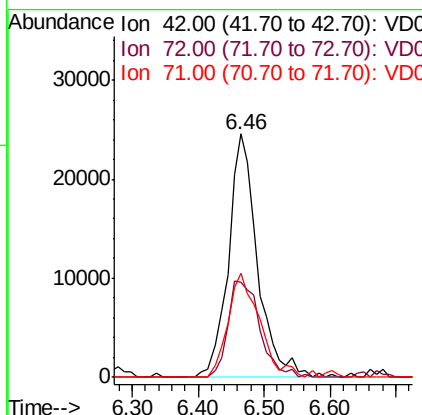
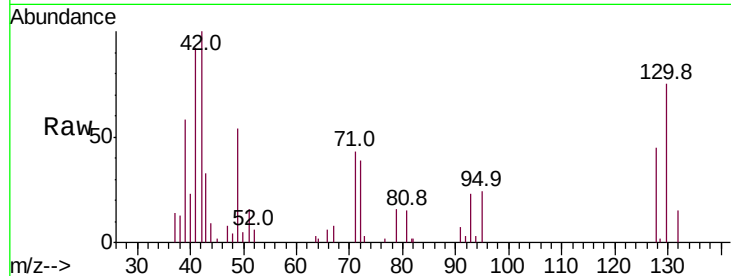




#29  
Tetrahydrofuran  
Concen: 89.694 ug/l  
RT: 6.46 min Scan# 512  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

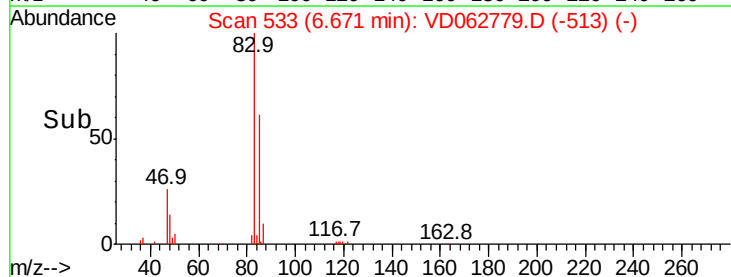
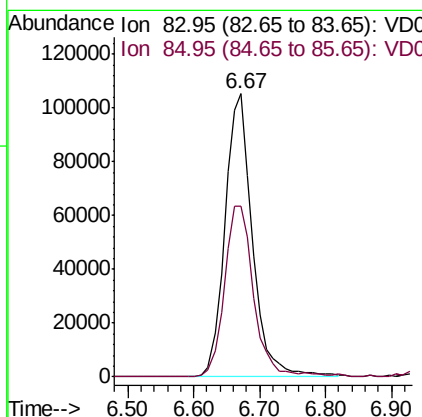
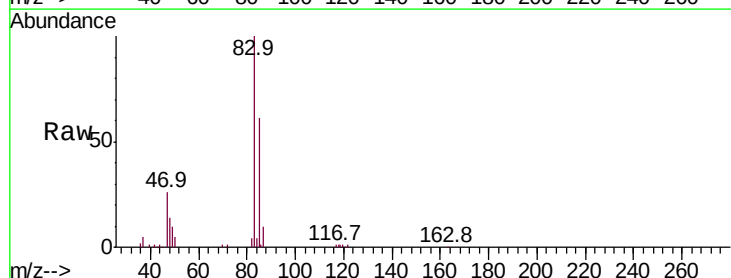
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

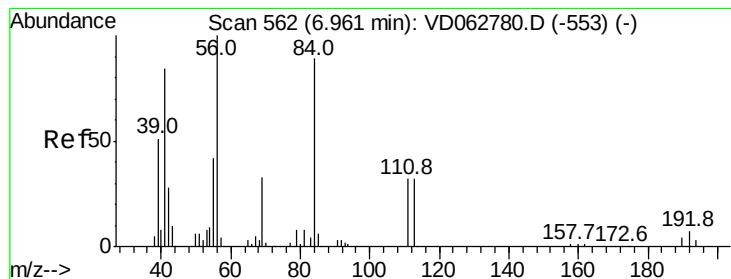
Tot Ion: 42 Resp: 76004  
Ion Ratio Lower Upper  
42 100  
72 43.7 35.0 52.6  
71 46.2 33.3 49.9



#30  
Chloroform  
Concen: 18.437 ug/l  
RT: 6.67 min Scan# 533  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Tgt Ion: 83 Resp: 306715  
Ion Ratio Lower Upper  
83 100  
85 60.5 49.8 74.6





#31

Cyclohexane

Concen: 18.234 ug/l

RT: 6.95 min Scan# 561

Delta R.T. -0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

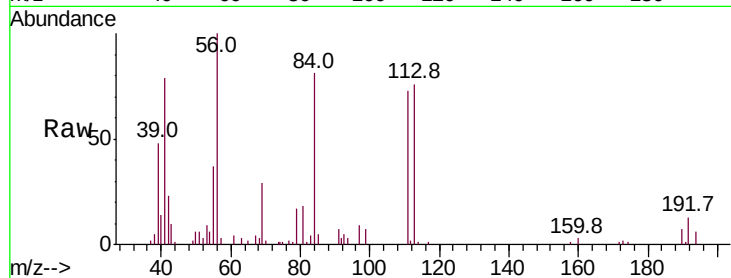
Tot Ion: 56 Resp: 163963

Ion Ratio Lower Upper

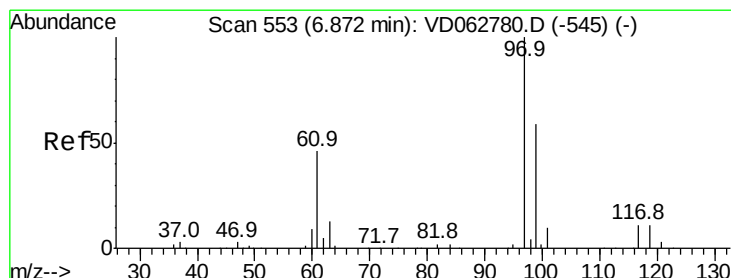
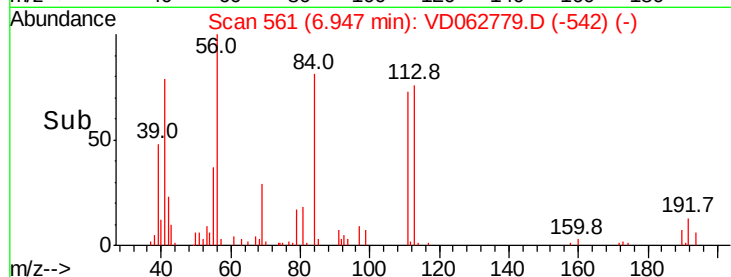
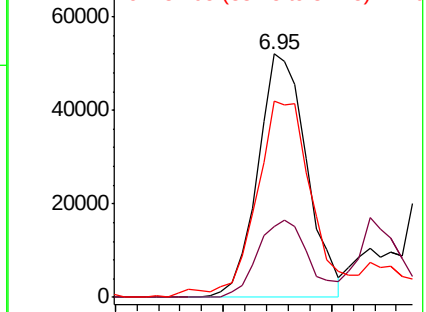
56 100

69 29.2 26.6 39.8

84 80.6 75.5 113.3



Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 18.873 ug/l

RT: 6.87 min Scan# 553

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

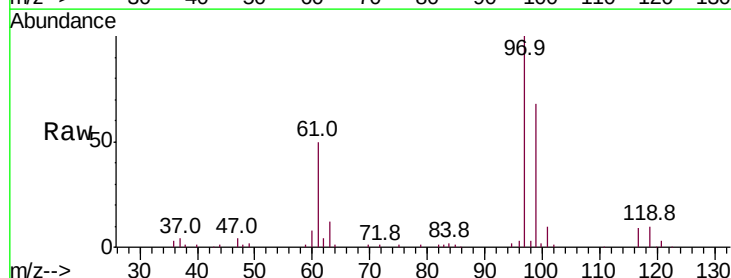
Tgt Ion: 97 Resp: 327003

Ion Ratio Lower Upper

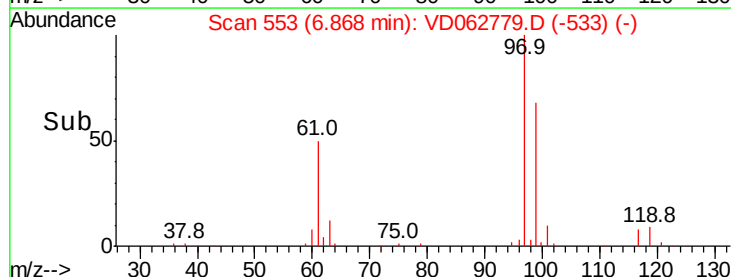
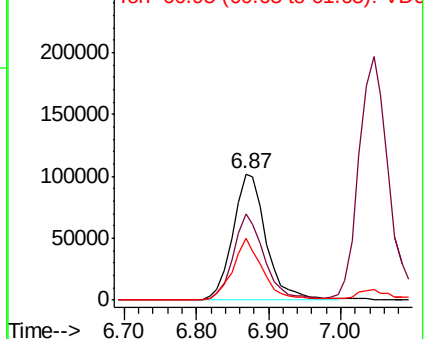
97 100

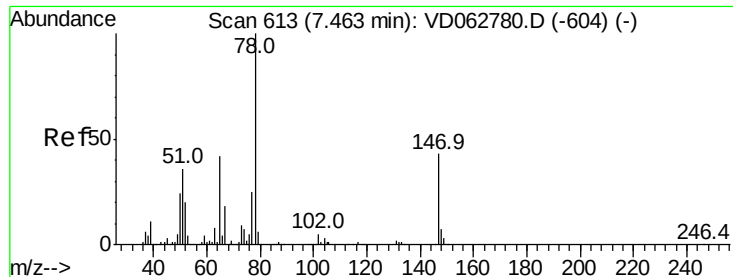
99 68.5 47.4 71.2

61 49.5 37.2 55.8



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 98.85 (98.55 to 99.55): VDC  
Ion 60.95 (60.65 to 61.65): VDC

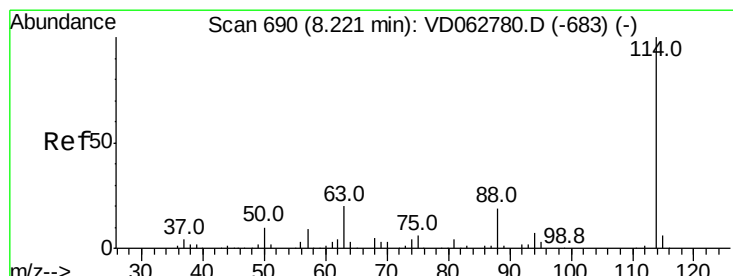
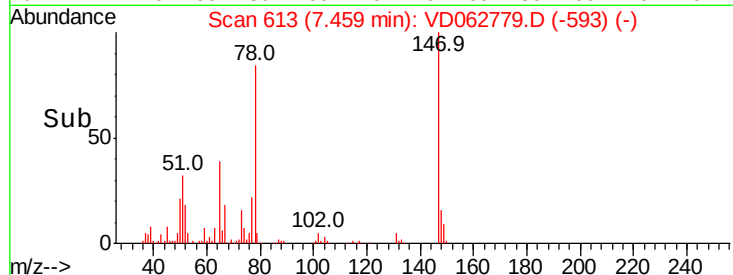
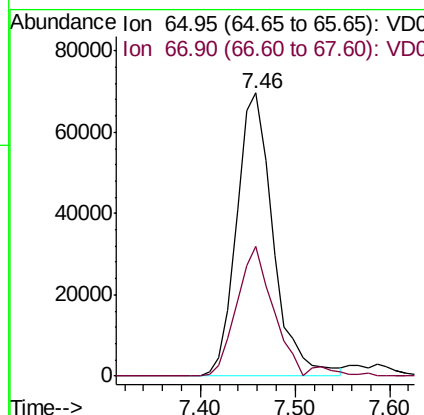
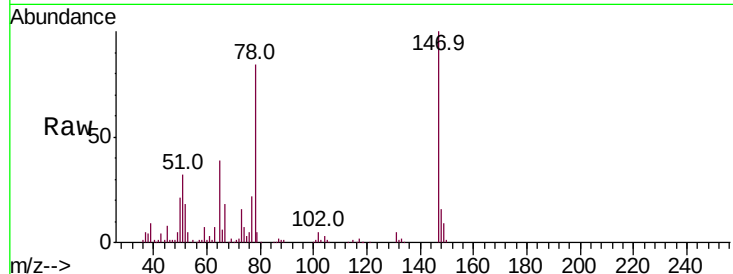




#33  
 1,2-Dichloroethane-d4  
 Concen: 19.470 ug/l  
 RT: 7.46 min Scan# 613  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

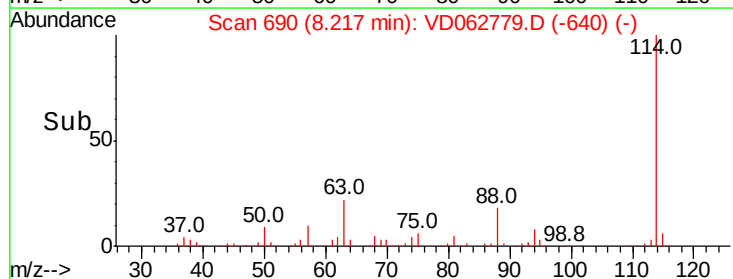
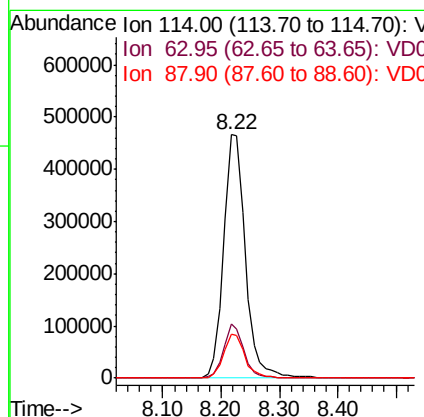
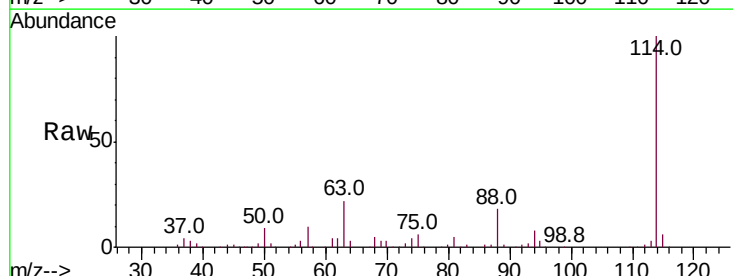
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

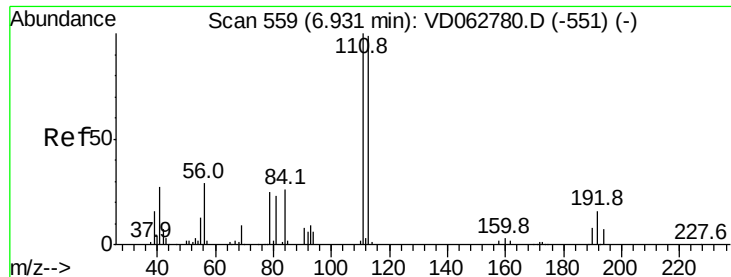
Tot Ion: 65 Resp: 186440  
 Ion Ratio Lower Upper  
 65 100  
 67 46.0 0.0 87.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.22 min Scan# 690  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Tgt Ion: 114 Resp: 1208903  
 Ion Ratio Lower Upper  
 114 100  
 63 22.0 0.0 40.0  
 88 18.1 0.0 38.8

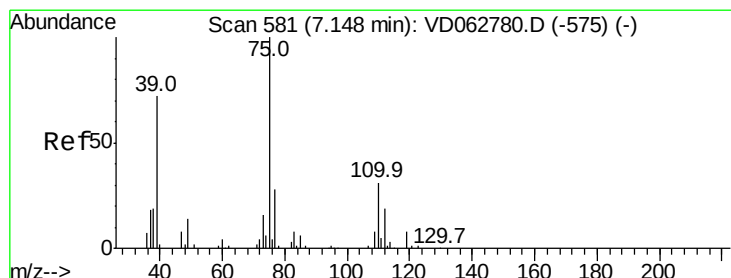
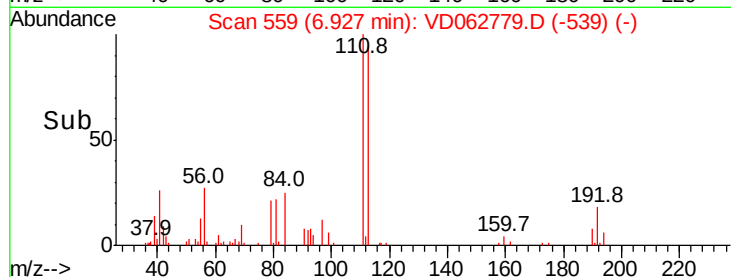
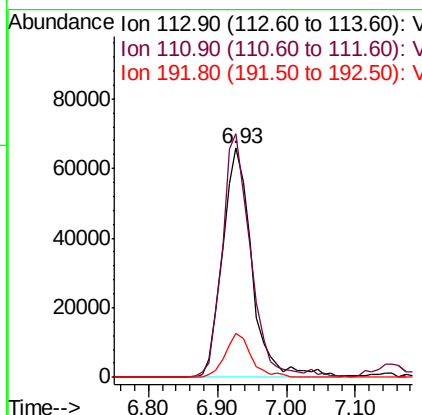
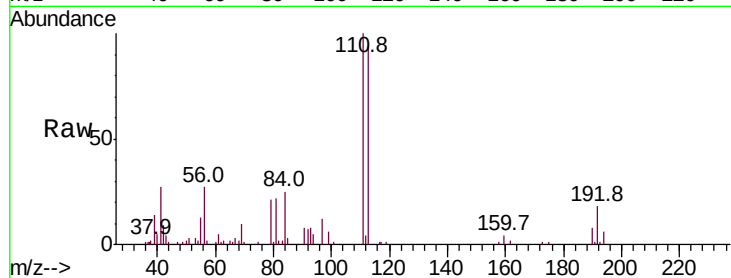




#35  
 Dibromofluoromethane  
 Concen: 19.126 ug/l  
 RT: 6.93 min Scan# 559  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

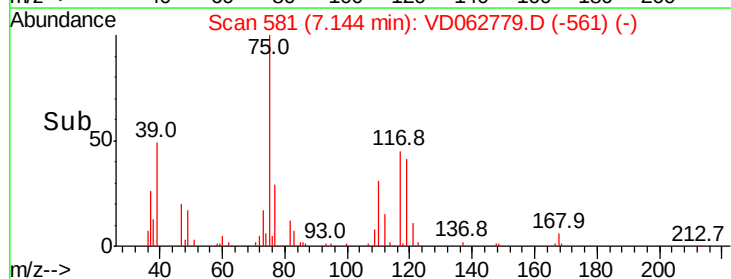
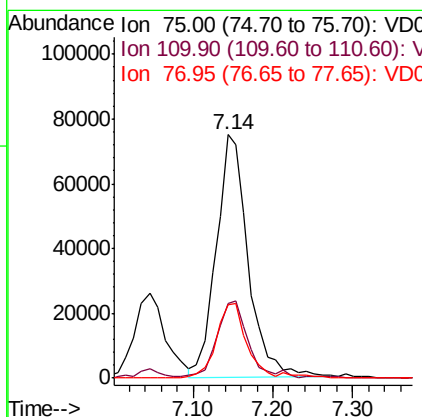
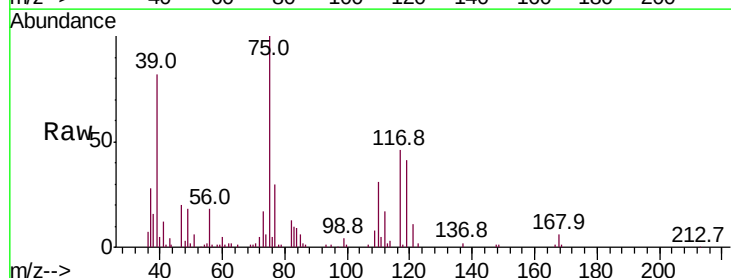
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

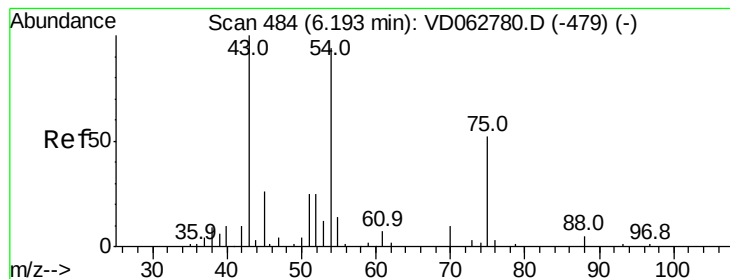
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 106.2 | 81.2  | 121.8 |
| 192     | 19.1  | 12.9  | 19.3  |



#36  
 1,1-Dichloropropene  
 Concen: 18.413 ug/l  
 RT: 7.14 min Scan# 581  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 30.5  | 15.0  | 45.1  |
| 77      | 30.0  | 22.2  | 33.2  |





#37

Ethyl Acetate

Concen: 16.707 ug/l

RT: 6.19 min Scan# 484

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

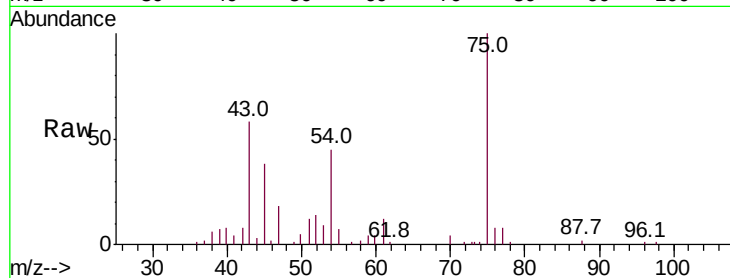
Tot Ion: 43 Resp: 87559

Ion Ratio Lower Upper

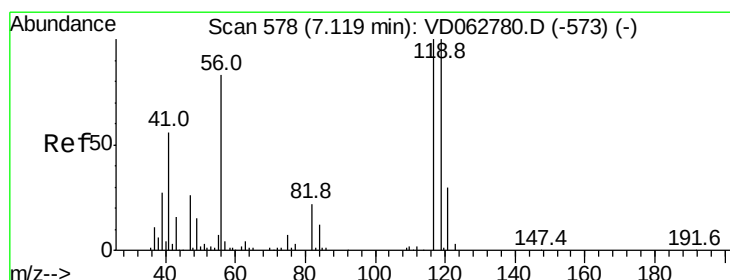
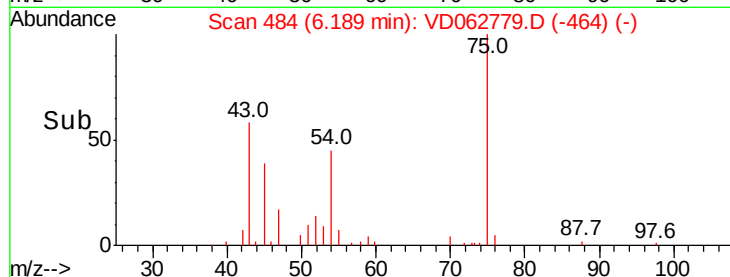
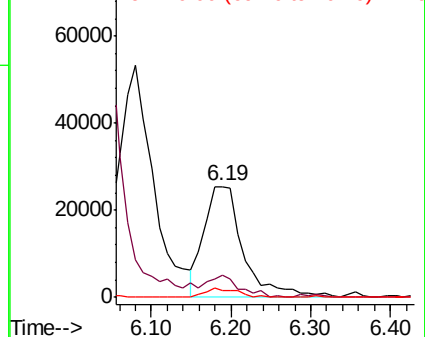
43 100

61 20.5 11.6 17.4#

70 6.7 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 17.613 ug/l

RT: 7.11 min Scan# 578

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

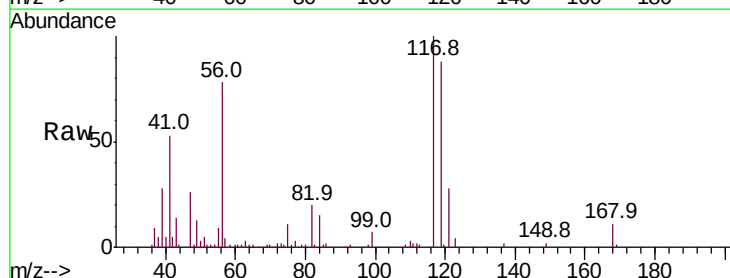
Tgt Ion: 117 Resp: 308692

Ion Ratio Lower Upper

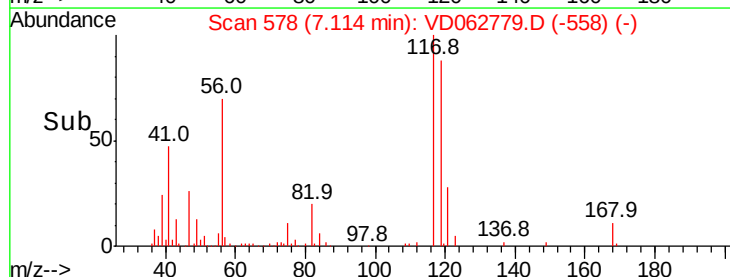
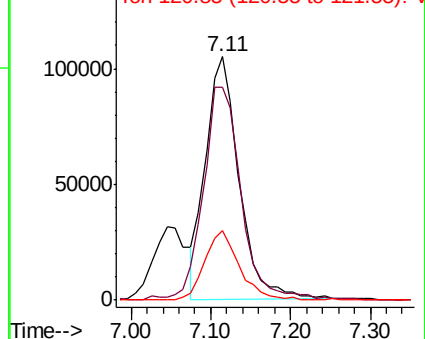
117 100

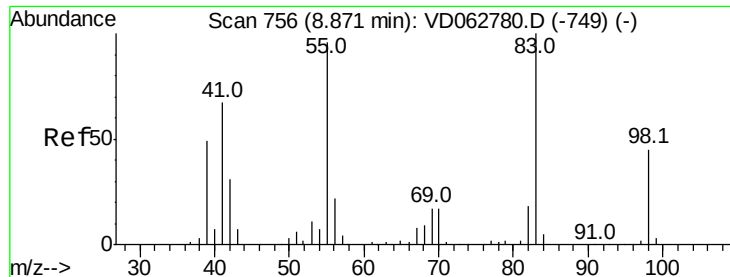
119 87.7 75.4 113.2

121 28.3 22.3 33.5



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 118.85 (118.55 to 119.55): V  
Ion 120.85 (120.55 to 121.55): V

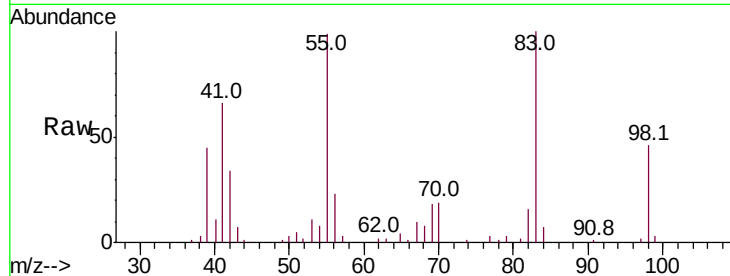




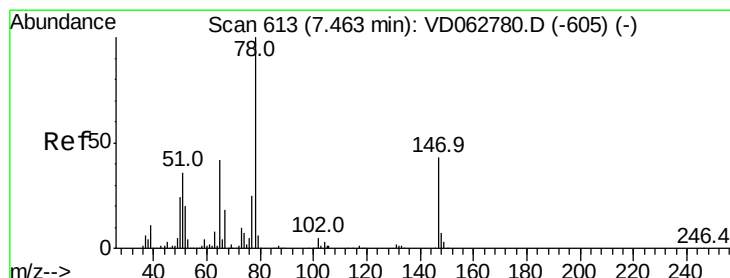
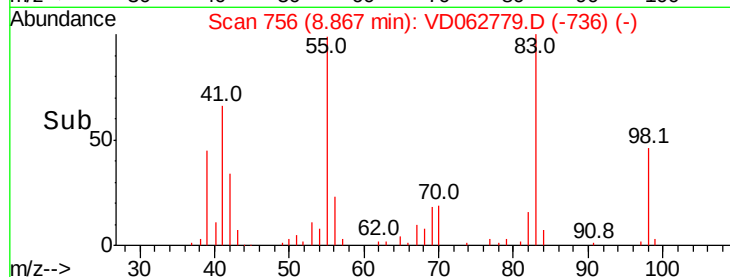
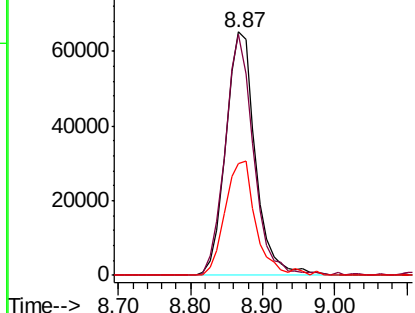
#39  
Methylvlcyclohexane  
Concen: 18.430 ug/l  
RT: 8.87 min Scan# 756  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tot Ion: 83 Resp: 185655  
Ion Ratio Lower Upper  
83 100  
55 98.8 76.6 115.0  
98 46.0 35.7 53.5

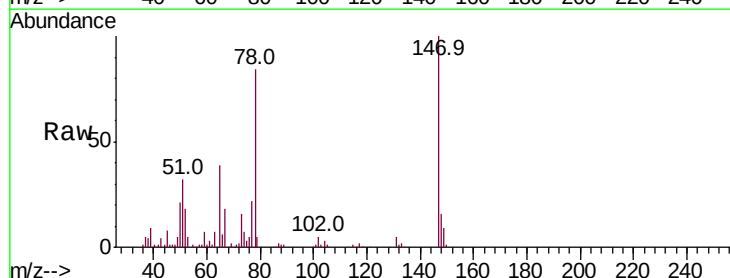


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

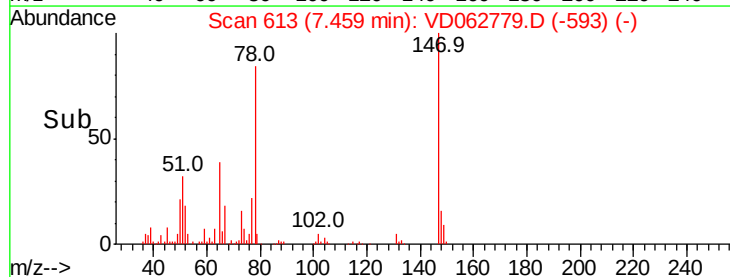
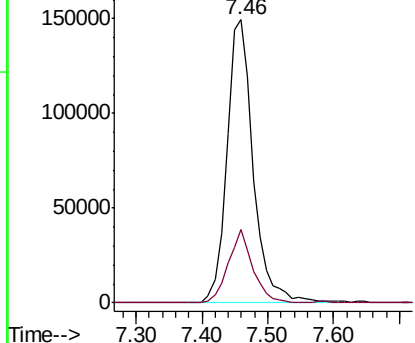


#40  
Benzene  
Concen: 18.125 ug/l  
RT: 7.46 min Scan# 613  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

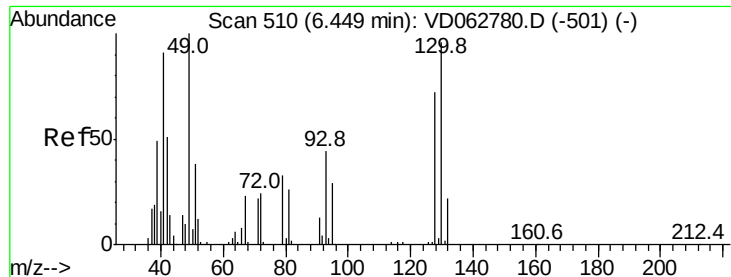
Tgt Ion: 78 Resp: 416371  
Ion Ratio Lower Upper  
78 100  
77 26.0 20.2 30.2



Abundance Ion 77.95 (77.65 to 78.65): VDC  
Ion 76.95 (76.65 to 77.65): VDC







#41

Methacrylonitrile

Concen: 17.428 ug/l

RT: 6.45 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 105181

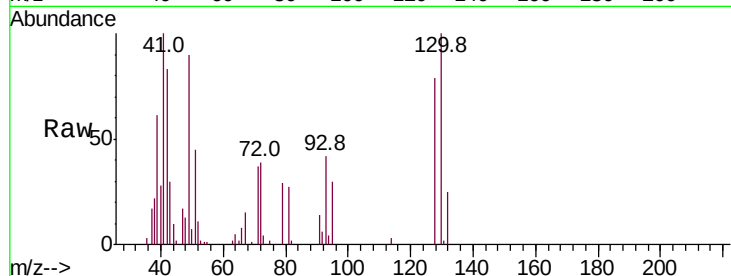
Ion Ratio Lower Upper

41 100

39 61.2 43.2 64.8

67 15.2 19.9 29.9#

52 10.9 10.2 15.4

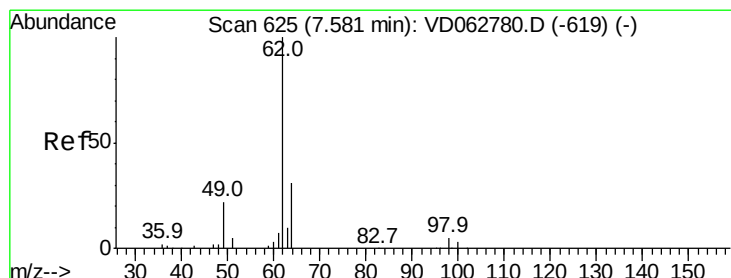
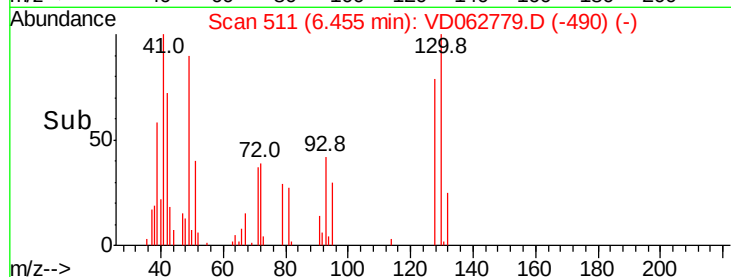
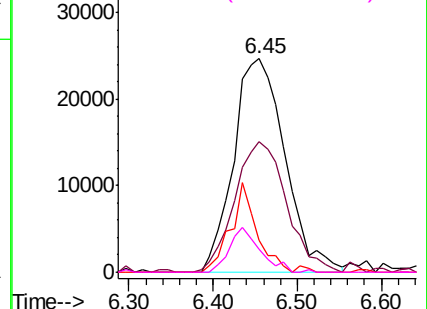


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 18.201 ug/l

RT: 7.59 min Scan# 626

Delta R.T. 0.01 min

Lab File: VD062779.D

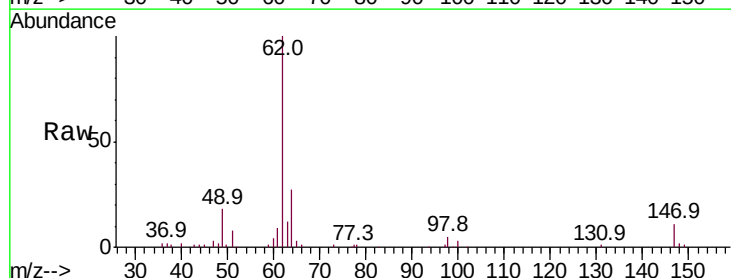
Acq: 19 Jun 2019 15:12

Tgt Ion: 62 Resp: 228082

Ion Ratio Lower Upper

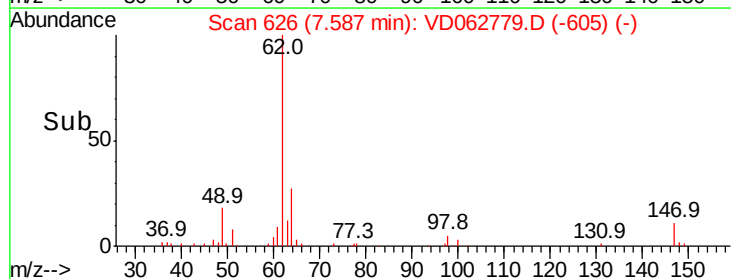
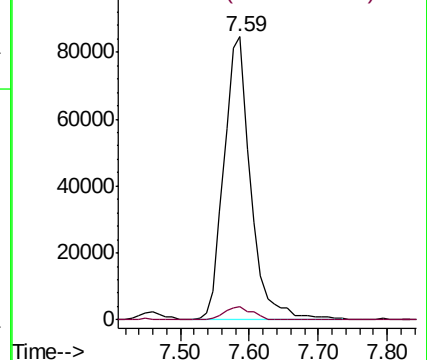
62 100

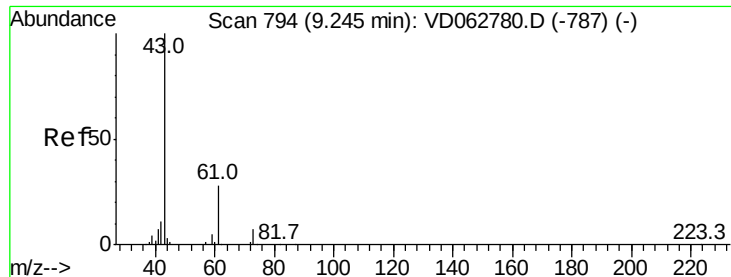
98 4.5 0.0 10.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 17.376 ug/l

RT: 9.24 min Scan# 794

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

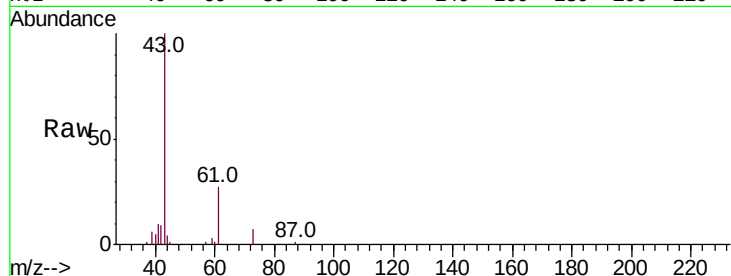
Tot Ion: 43 Resp: 104250

Ion Ratio Lower Upper

43 100

61 27.2 22.4 33.6

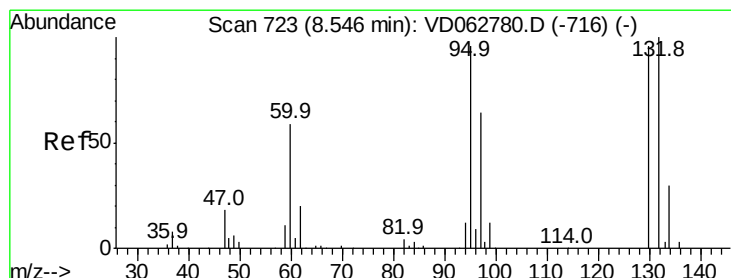
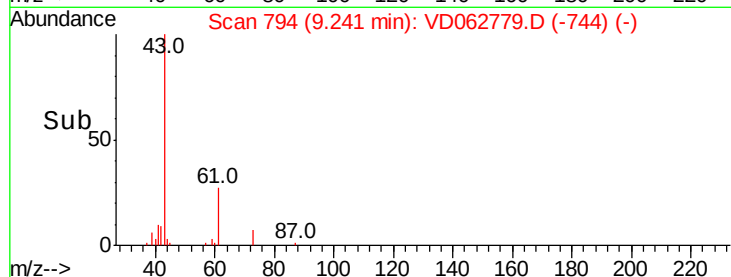
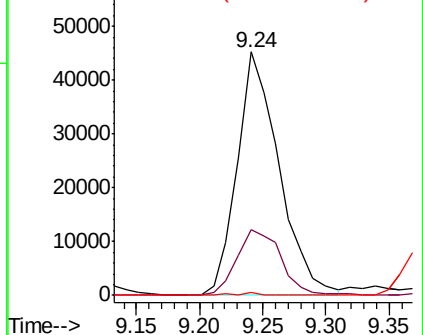
87 1.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 17.808 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.00 min

Lab File: VD062779.D

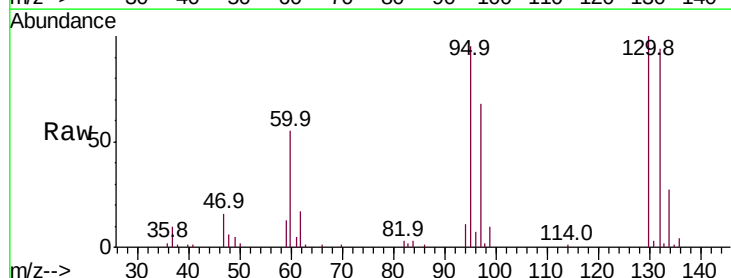
Acq: 19 Jun 2019 15:12

Tgt Ion:130 Resp: 160373

Ion Ratio Lower Upper

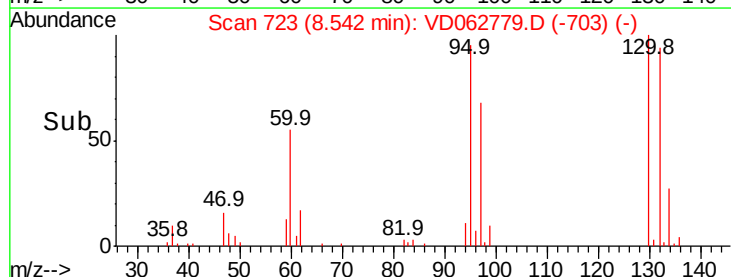
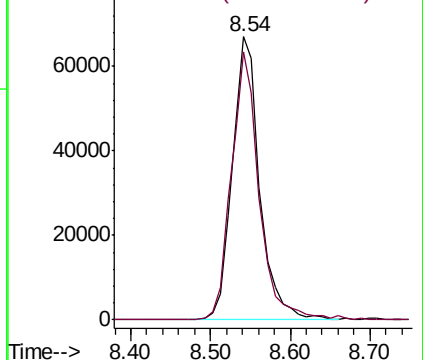
130 100

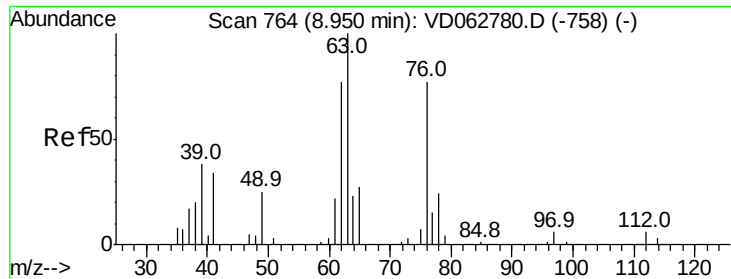
95 94.7 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 16.697 ug/l

RT: 8.94 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

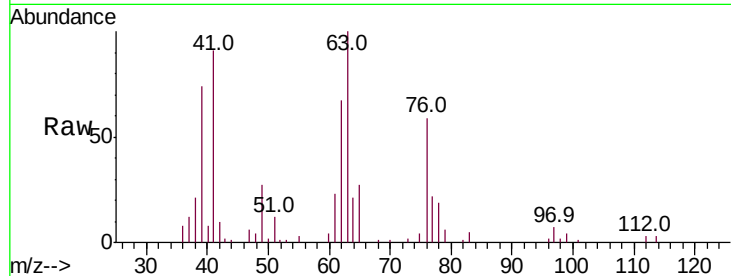
VSTDIC020

Tot Ion: 63 Resp: 95374

Ion Ratio Lower Upper

63 100

65 27.1 24.2 36.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.94

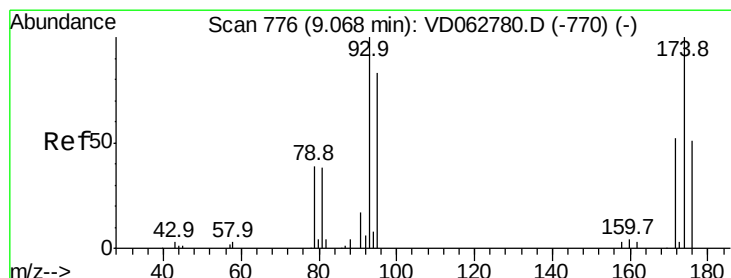
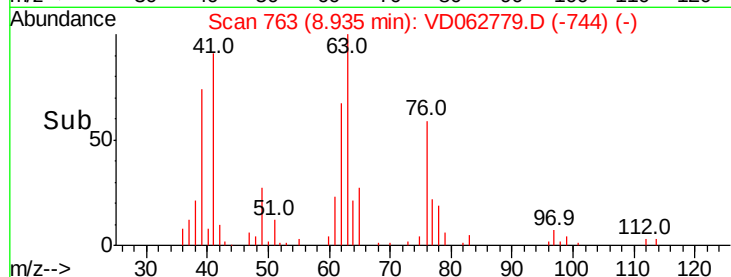
40000

30000

20000

10000

Time-->



#46

Dibromomethane

Concen: 17.530 ug/l

RT: 9.06 min Scan# 776

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

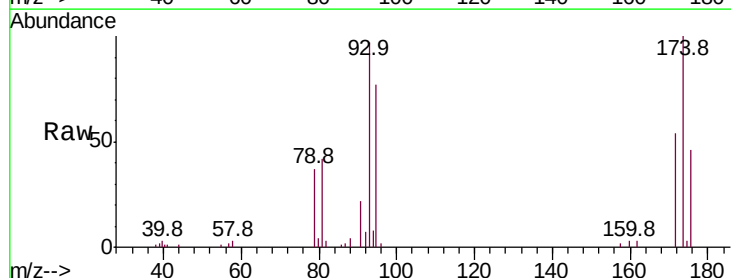
Tgt Ion: 93 Resp: 86013

Ion Ratio Lower Upper

93 100

95 79.5 66.6 100.0

174 103.5 79.7 119.5



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

9.06

50000

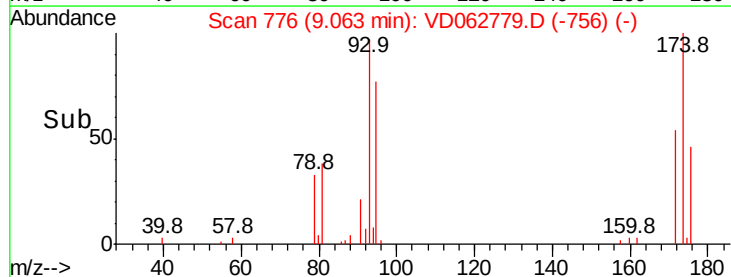
40000

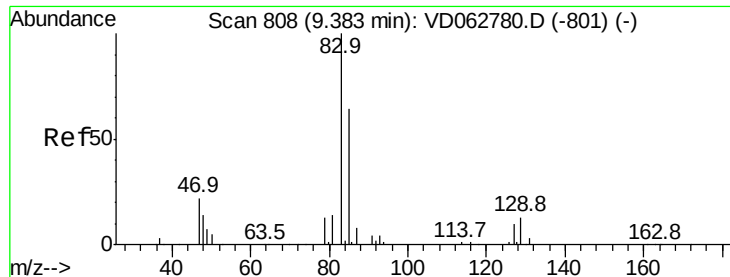
30000

20000

10000

Time-->





#47

Bromodichloromethane

Concen: 19.048 ug/l

RT: 9.38 min Scan# 808

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

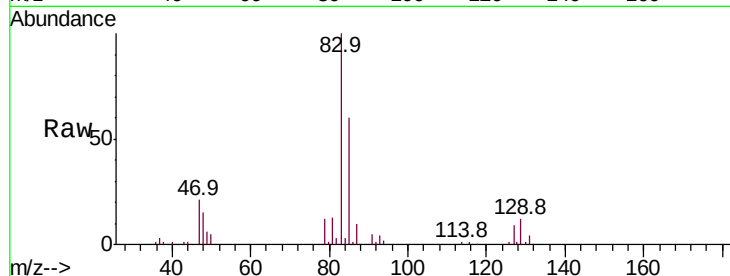
Tot Ion: 83 Resp: 242736

Ion Ratio Lower Upper

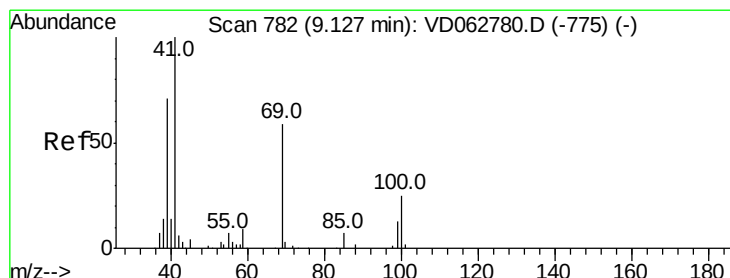
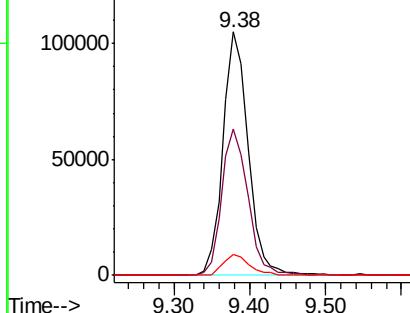
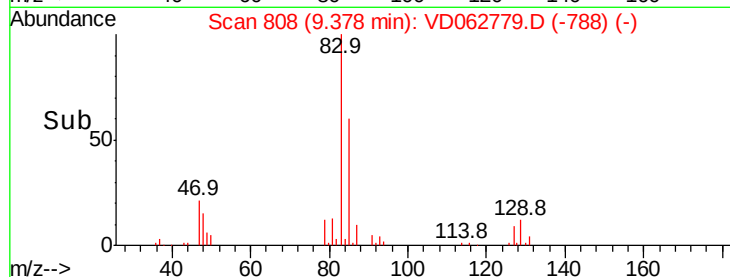
83 100

85 60.3 51.6 77.4

127 8.8 7.8 11.6



Abundance Ion 82.85 (82.55 to 83.55): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 19.618 ug/l

RT: 9.12 min Scan# 782

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

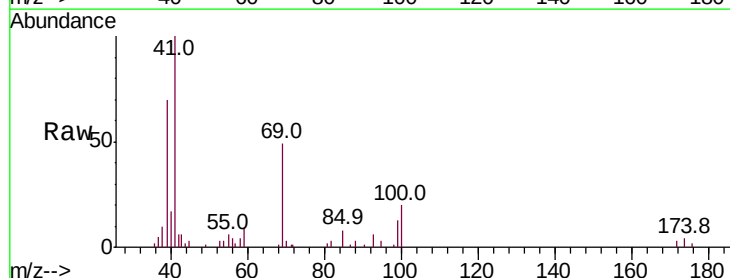
Tgt Ion: 41 Resp: 83642

Ion Ratio Lower Upper

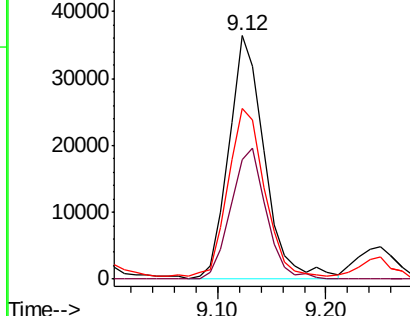
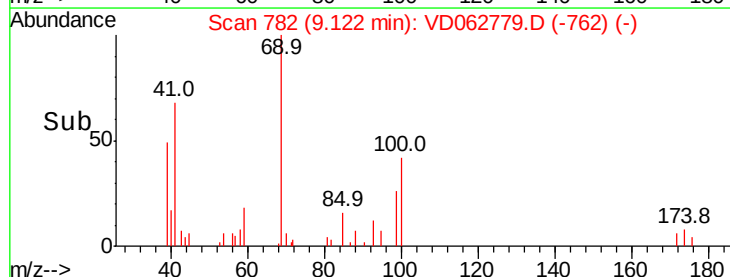
41 100

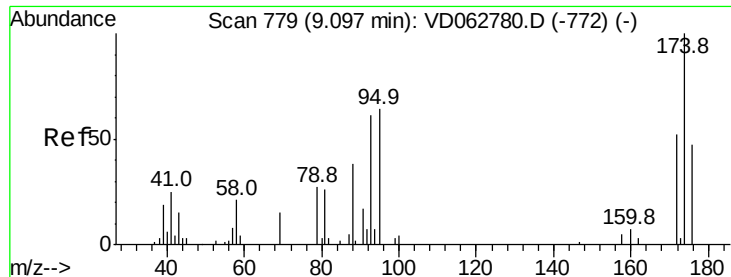
69 49.1 47.2 70.8

39 69.9 57.4 86.2



Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 38.95 (38.65 to 39.65): VDC

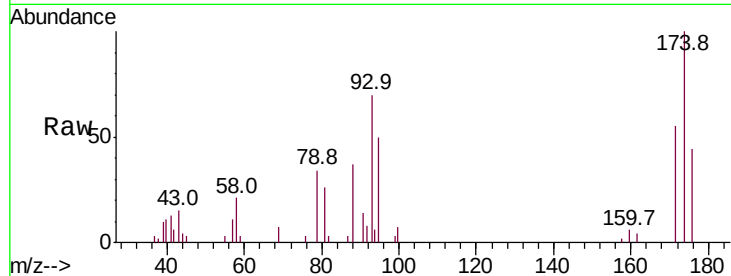




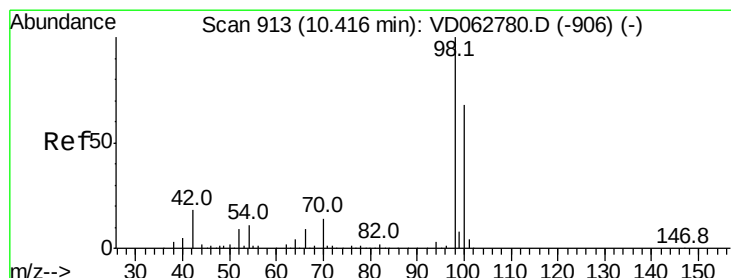
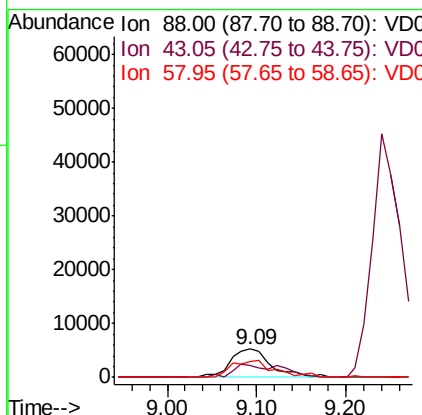
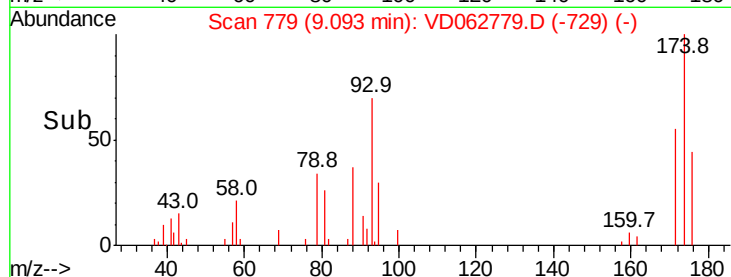
#49  
 1,4-Dioxane  
 Concen: 465.728 ug/l  
 RT: 9.09 min Scan# 779  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Tot Ion: 88 Resp: 16520  
 Ion Ratio Lower Upper  
 88 100  
 43 40.4 32.1 48.1  
 58 56.0 44.1 66.1

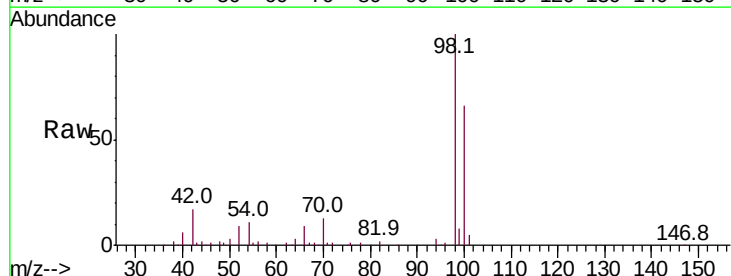


Abundance Ion 88.00 (87.70 to 88.70): VDC  
 Ion 43.05 (42.75 to 43.75): VDC  
 Ion 57.95 (57.65 to 58.65): VDC

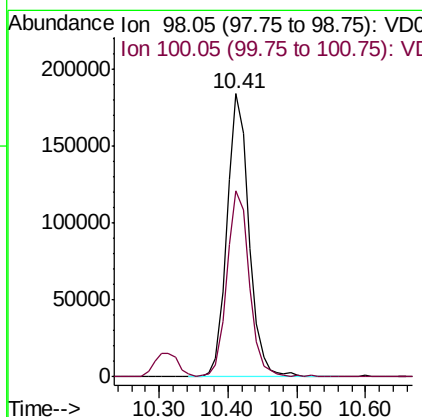
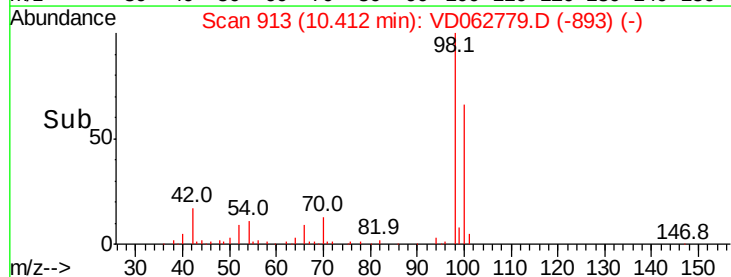


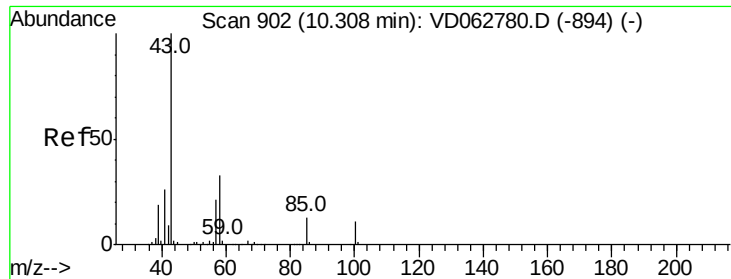
#50  
 Toluene-d8  
 Concen: 18.243 ug/l  
 RT: 10.41 min Scan# 913  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Tgt Ion: 98 Resp: 404722  
 Ion Ratio Lower Upper  
 98 100  
 100 65.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC  
 Ion 100.05 (99.75 to 100.75): VDC

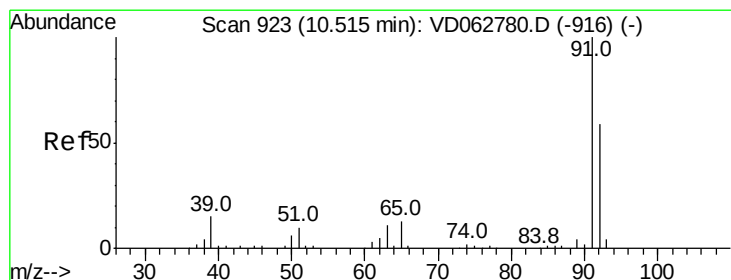
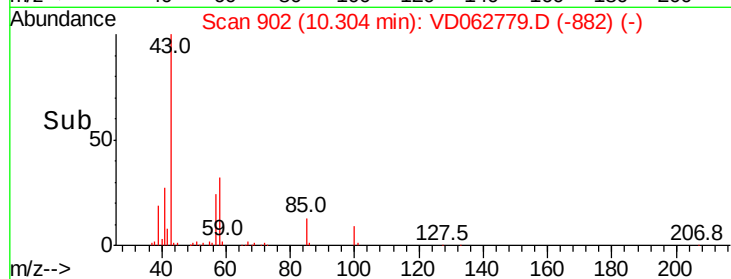
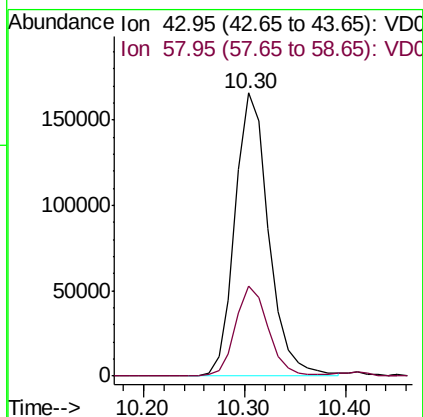
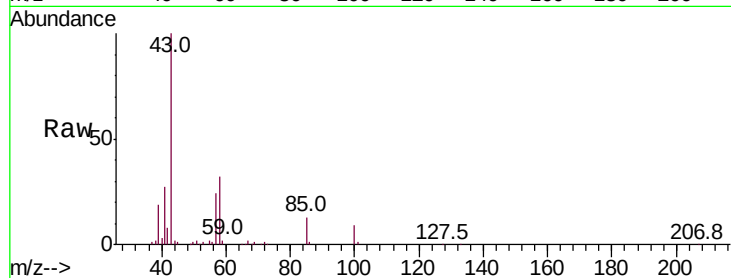




#51  
4-Methyl-2-Pentanone  
Concen: 90.807 ug/l  
RT: 10.30 min Scan# 902  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

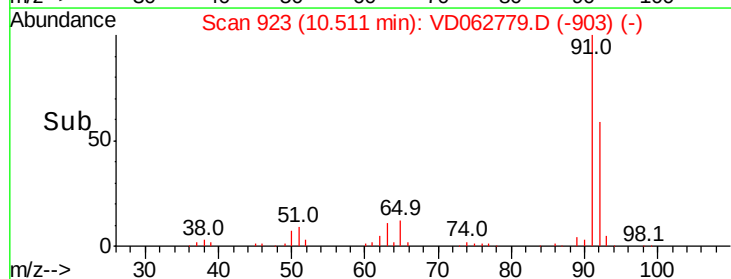
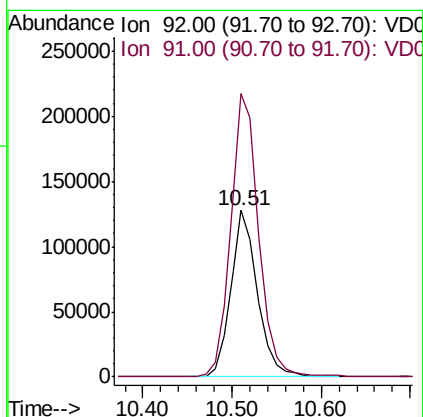
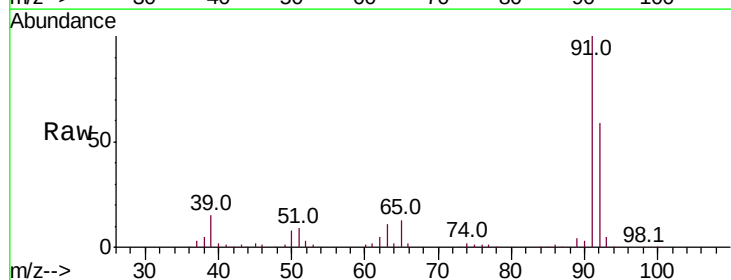
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

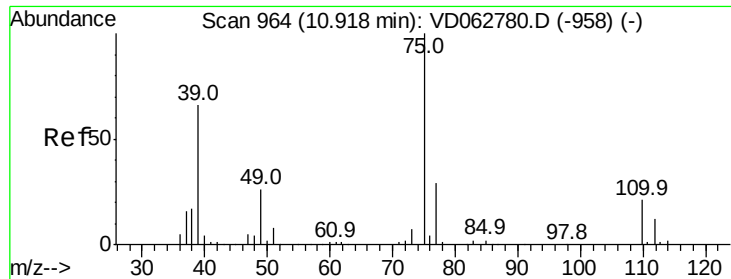
Tot Ion: 43 Resp: 386269  
Ion Ratio Lower Upper  
43 100  
58 31.9 26.6 40.0



#52  
Toluene  
Concen: 17.318 ug/l  
RT: 10.51 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Tgt Ion: 92 Resp: 267423  
Ion Ratio Lower Upper  
92 100  
91 169.7 136.3 204.5

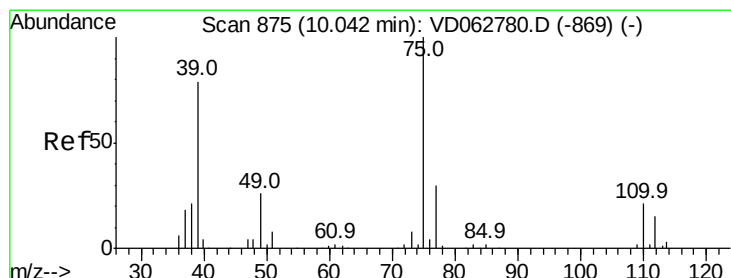
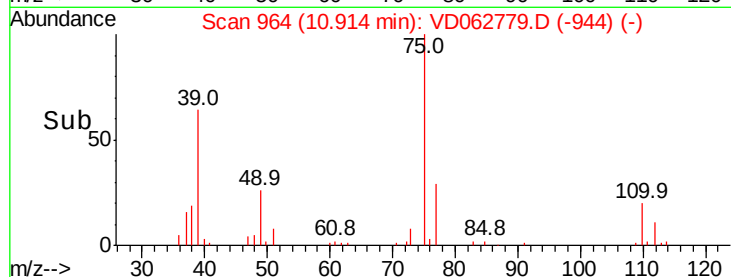
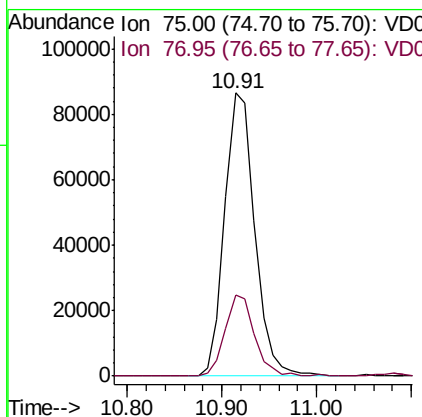
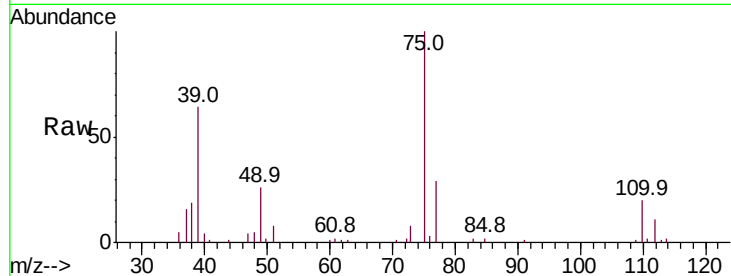




#53  
 t-1,3-Dichloropropene  
 Concen: 18.293 ug/l  
 RT: 10.91 min Scan# 964  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

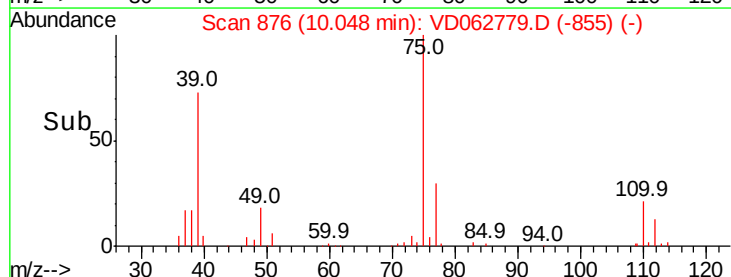
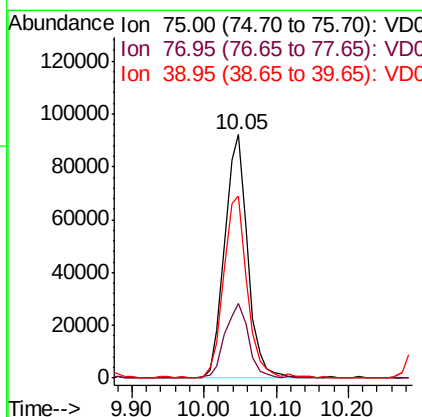
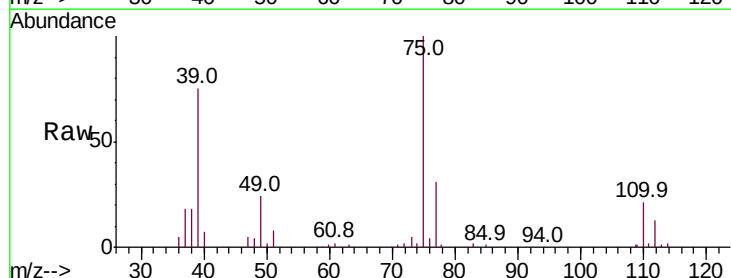
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

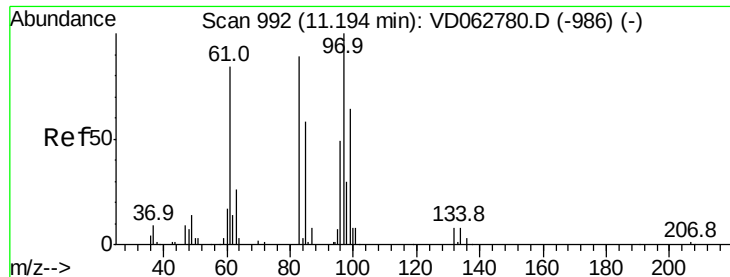
Tot Ion: 75 Resp: 190797  
 Ion Ratio Lower Upper  
 75 100  
 77 28.9 23.2 34.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.021 ug/l  
 RT: 10.05 min Scan# 876  
 Delta R.T. 0.01 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Tgt Ion: 75 Resp: 204299  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 24.2 36.2  
 39 74.8 63.5 95.3





#55

1,1,2-Trichloroethane

Concen: 18.909 ug/l

RT: 11.19 min Scan# 992

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 100315

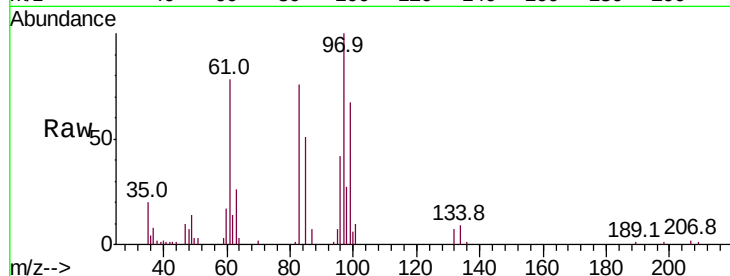
Ion Ratio Lower Upper

97 100

83 76.3 71.0 106.4

85 50.8 46.6 69.8

99 67.3 51.4 77.0

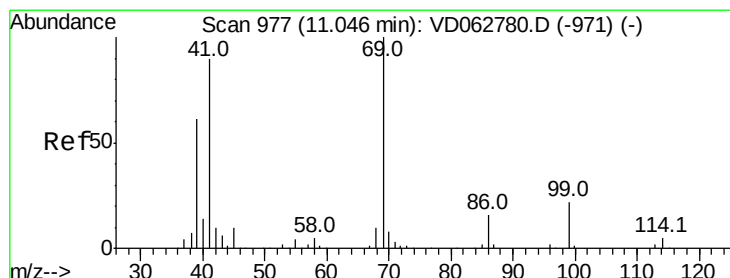
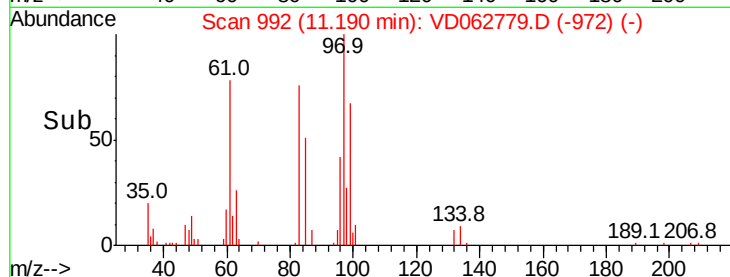
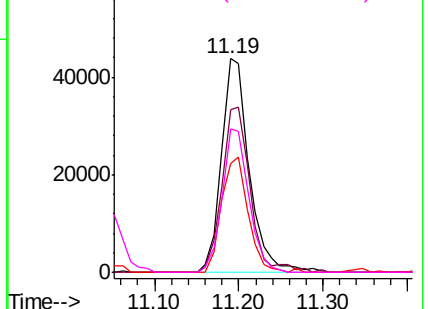


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 17.646 ug/l

RT: 11.05 min Scan# 978

Delta R.T. 0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

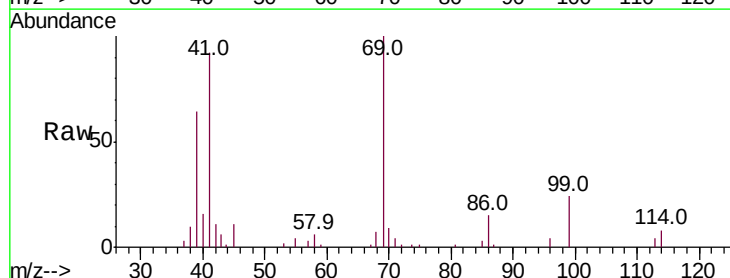
Tgt Ion: 69 Resp: 100046

Ion Ratio Lower Upper

69 100

41 91.7 72.0 108.0

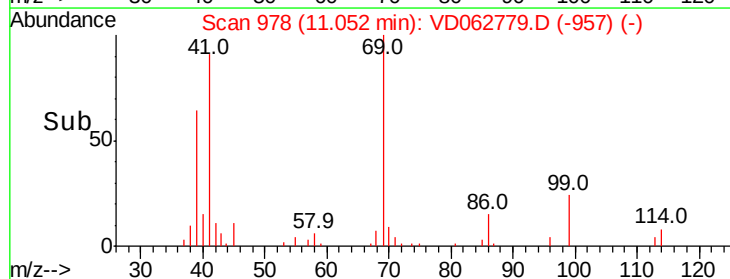
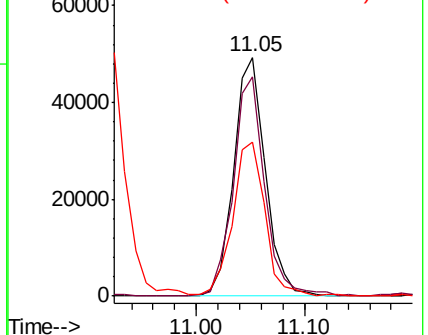
39 64.5 49.5 74.3



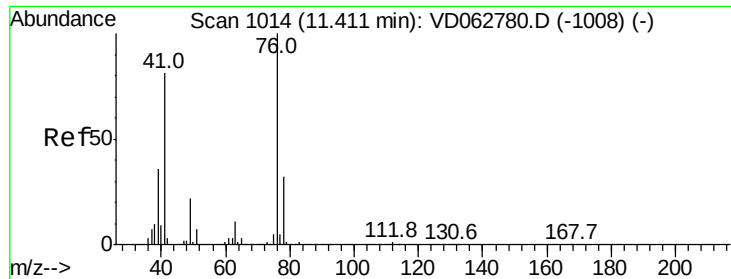
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC







#57

1,3-Dichloropropane

Concen: 17.456 ug/l

RT: 11.42 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

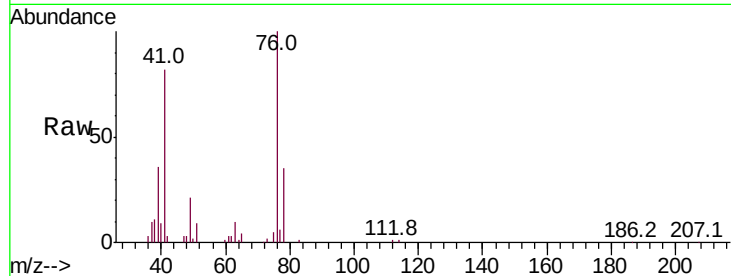
VSTDIC020

Tot Ion: 76 Resp: 141799

Ion Ratio Lower Upper

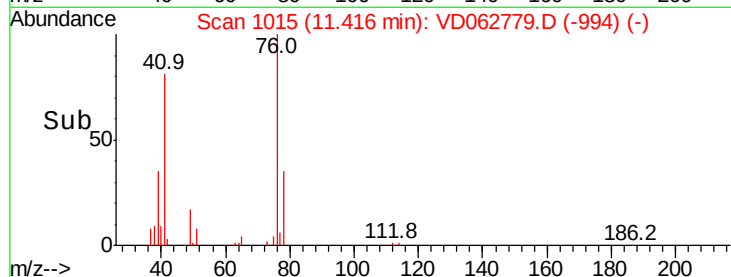
76 100

78 35.5 25.4 38.0

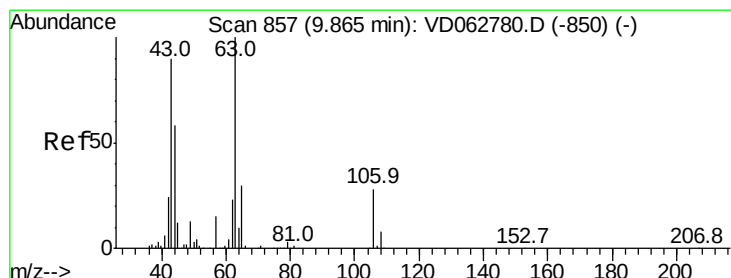


Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



Time--> 11.30 11.40 11.50



#58

2-Chloroethyl Vinyl ether

Concen: 95.410 ug/l

RT: 9.86 min Scan# 857

Delta R.T. -0.00 min

Lab File: VD062779.D

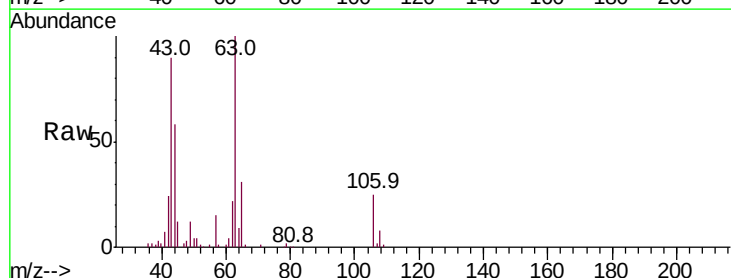
Acq: 19 Jun 2019 15:12

Tgt Ion: 63 Resp: 277704

Ion Ratio Lower Upper

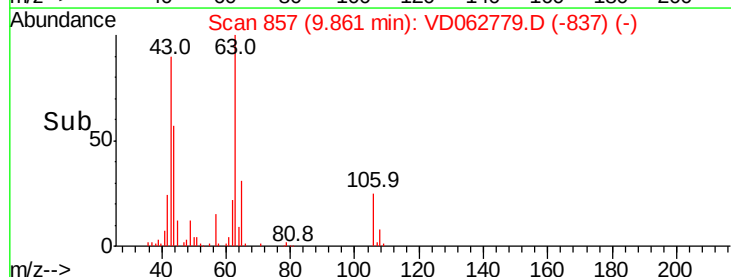
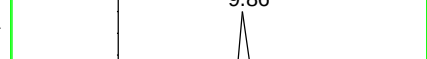
63 100

106 24.8 22.1 33.1

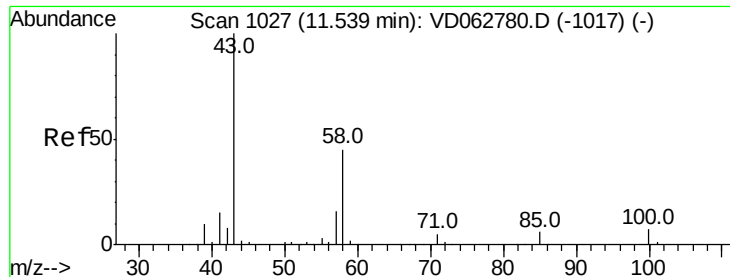


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC



Time--> 9.80 9.90 10.00



#59

2-Hexanone

Concen: 90.716 ug/l

RT: 11.53 min Scan# 1027

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

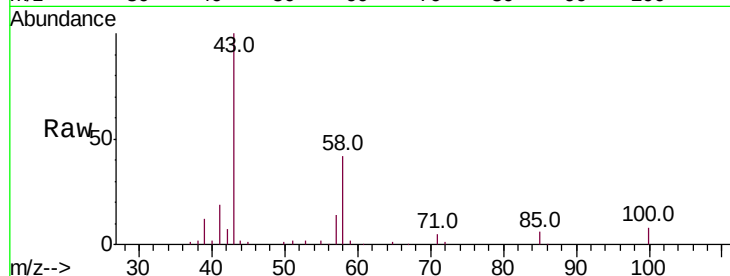
VSTDIC020

Tot Ion: 43 Resp: 274821

Ion Ratio Lower Upper

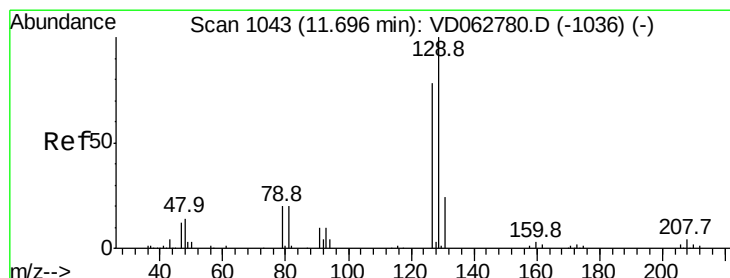
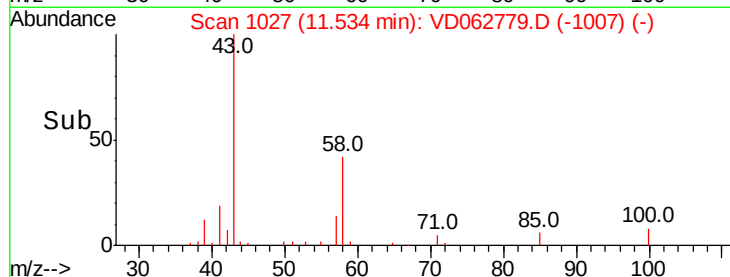
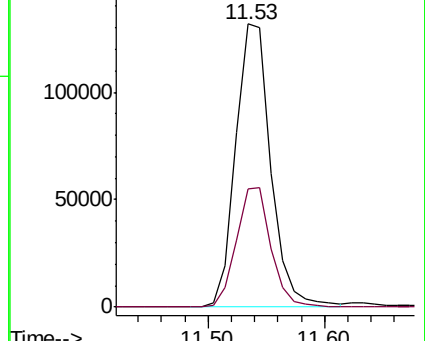
43 100

58 41.8 22.4 67.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#60

Dibromochloromethane

Concen: 18.554 ug/l

RT: 11.69 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VD062779.D

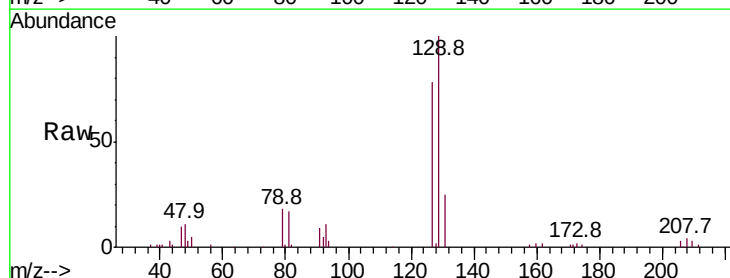
Acq: 19 Jun 2019 15:12

Tgt Ion:129 Resp: 183344

Ion Ratio Lower Upper

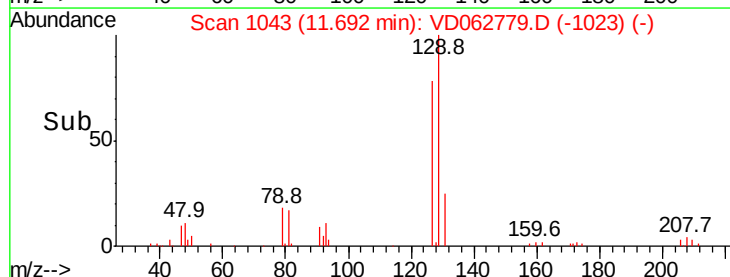
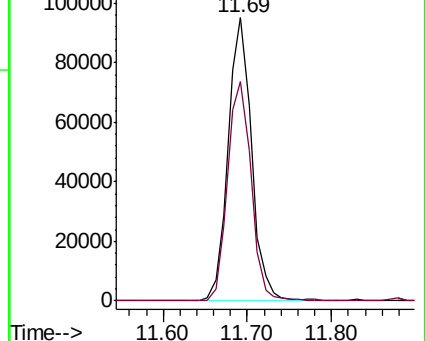
129 100

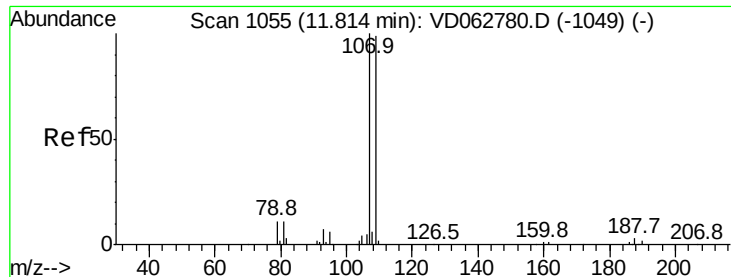
127 77.7 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 18.412 ug/l

RT: 11.81 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

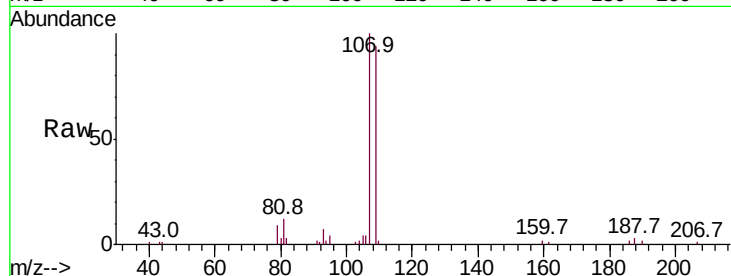
VSTDIC020

Tot Ion:107 Resp: 115363

Ion Ratio Lower Upper

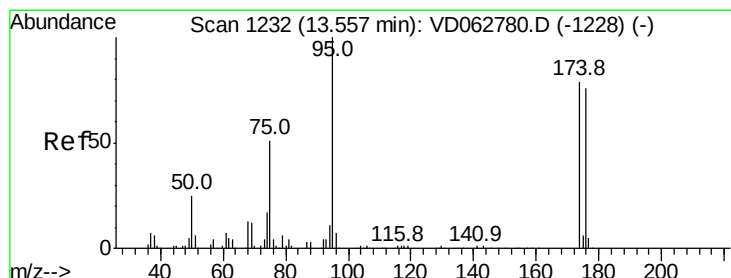
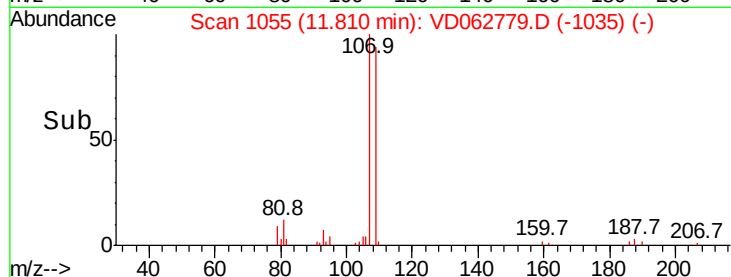
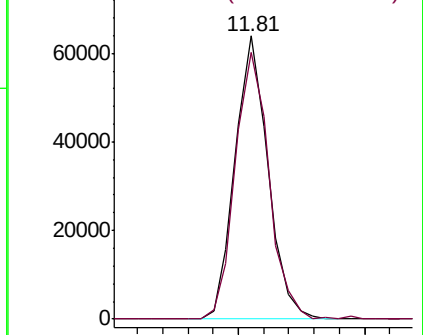
107 100

109 94.5 79.3 118.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 19.618 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

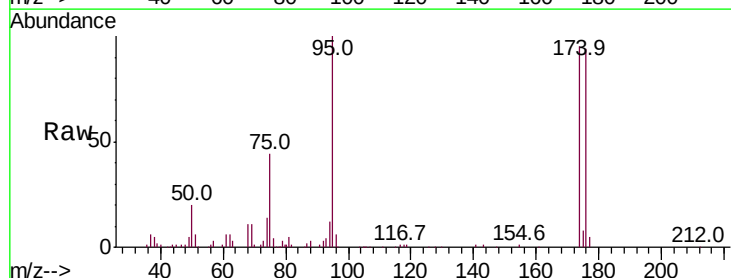
Tgt Ion: 95 Resp: 197906

Ion Ratio Lower Upper

95 100

174 95.4 0.0 158.0

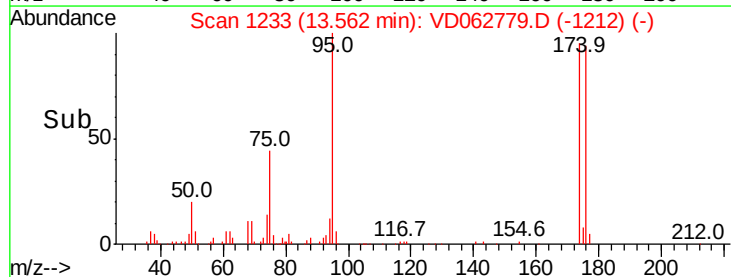
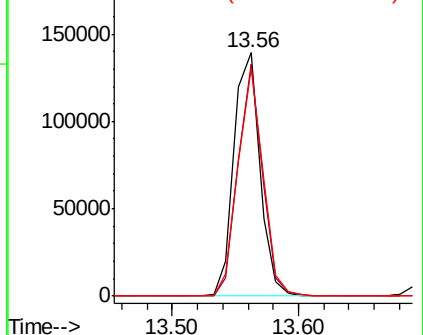
176 93.9 0.0 151.6

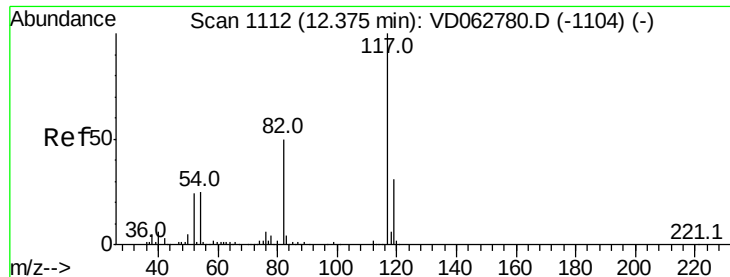


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

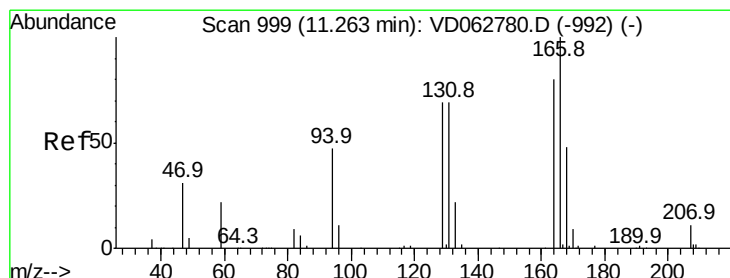
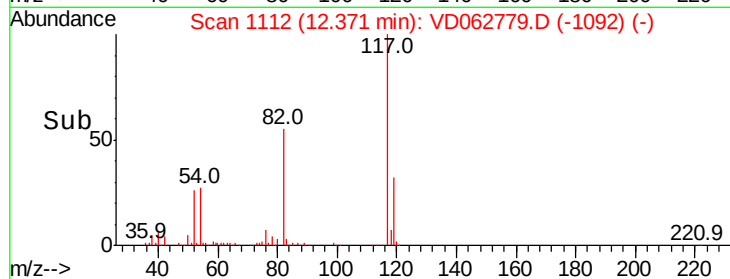
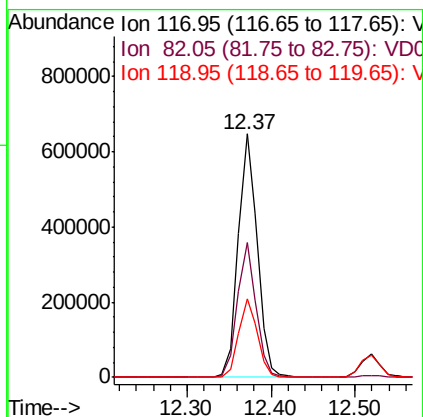
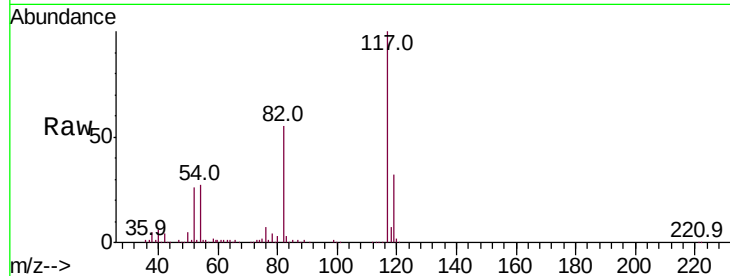




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

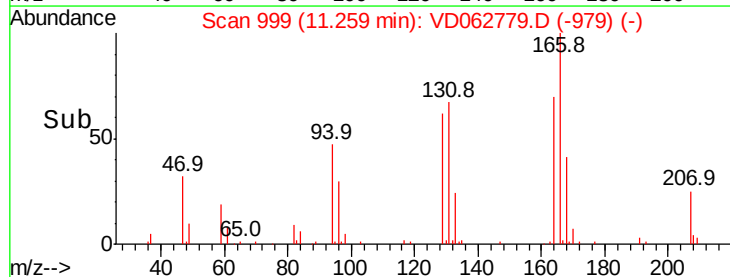
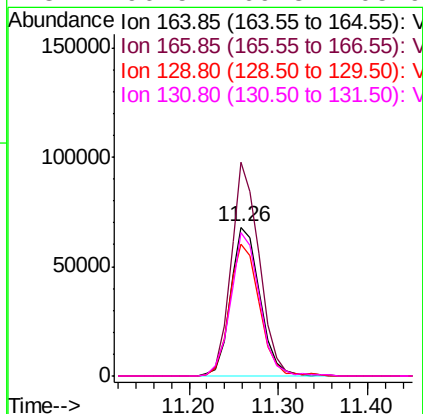
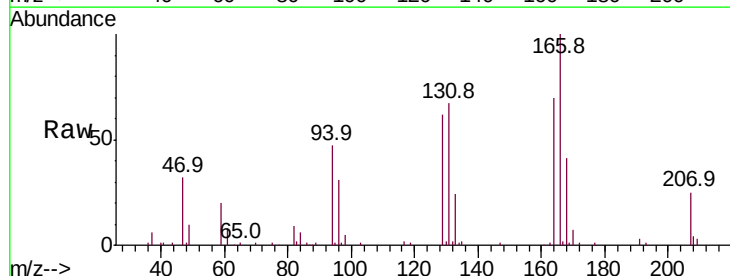
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

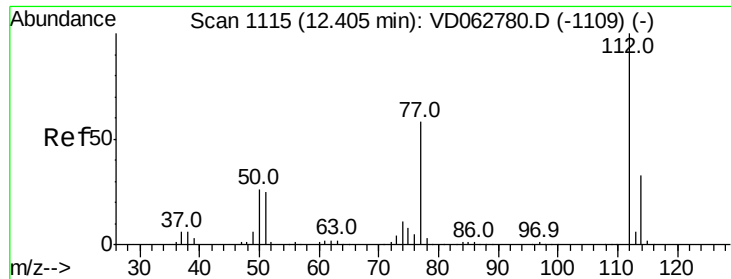
Tot Ion:117 Resp: 1020726  
Ion Ratio Lower Upper  
117 100  
82 55.1 40.4 60.6  
119 32.3 25.2 37.8



#64  
Tetrachloroethene  
Concen: 18.508 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Tgt Ion:164 Resp: 155480  
Ion Ratio Lower Upper  
164 100  
166 143.7 100.6 150.8  
129 88.5 69.4 104.0  
131 96.5 69.3 103.9

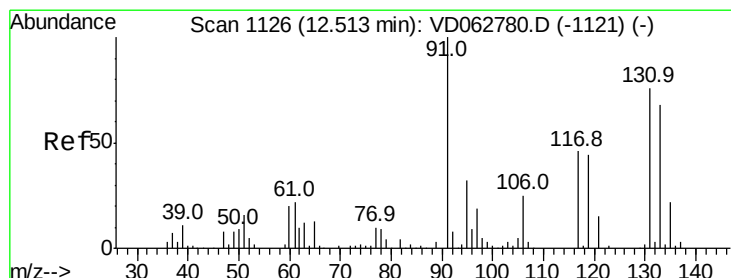
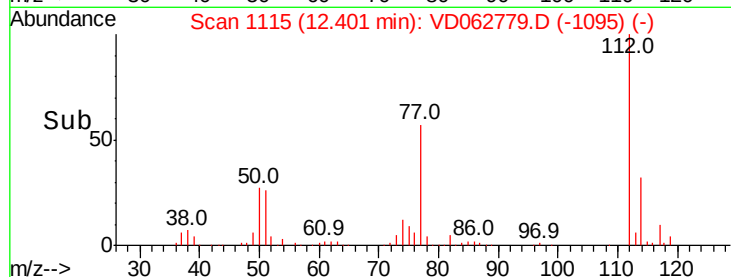
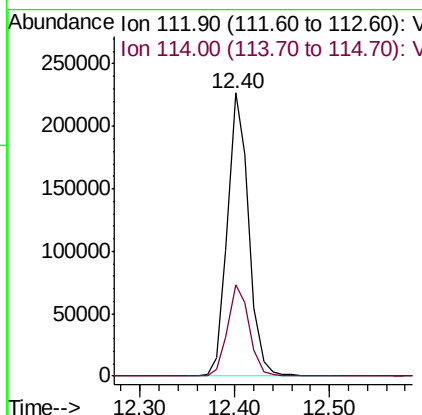
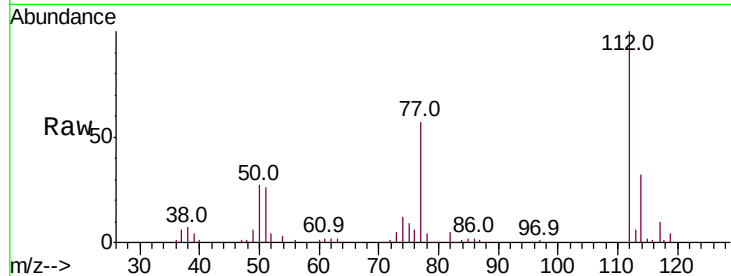




#65  
Chlorobenzene  
Concen: 18.575 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

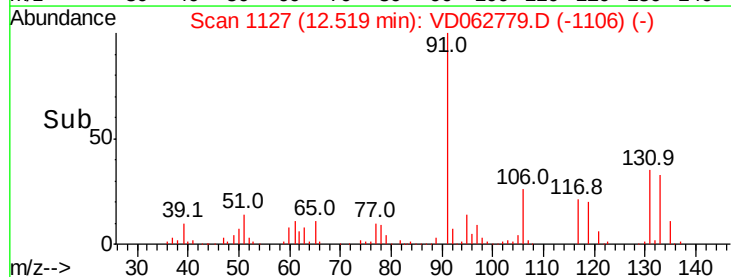
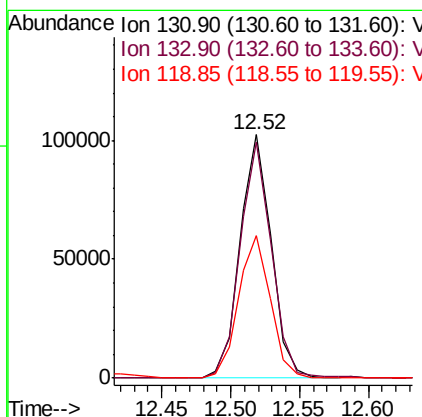
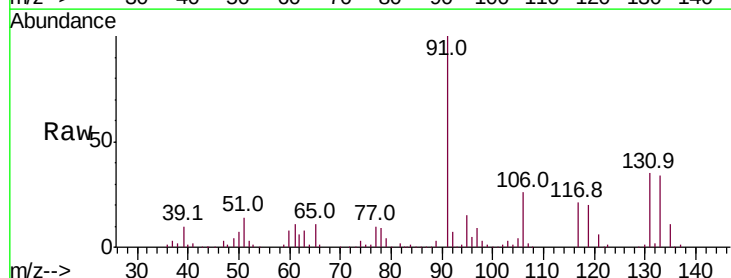
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

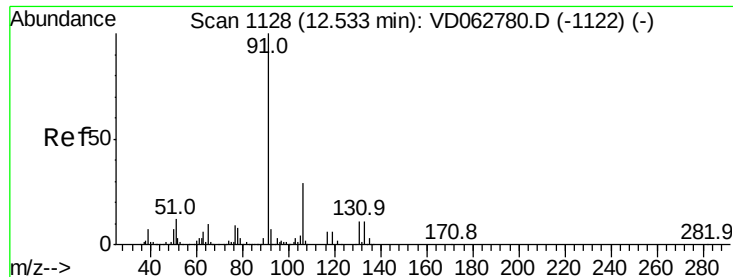
Tot Ion:112 Resp: 351880  
Ion Ratio Lower Upper  
112 100  
114 32.4 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.341 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Tgt Ion:131 Resp: 162485  
Ion Ratio Lower Upper  
131 100  
133 96.7 44.5 133.3  
119 58.6 28.6 85.9





#67

Ethyl Benzene

Concen: 18.728 ug/l

RT: 12.53 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

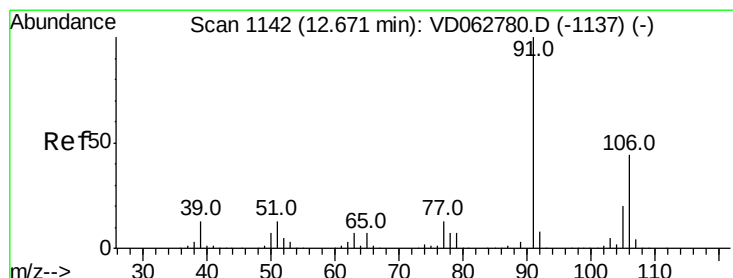
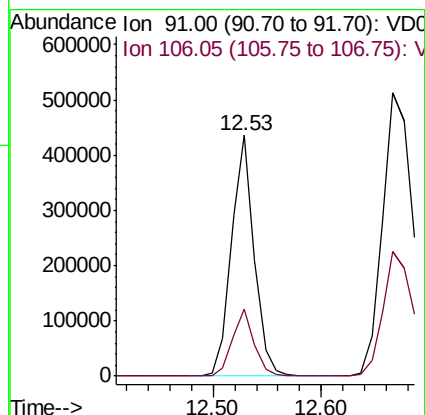
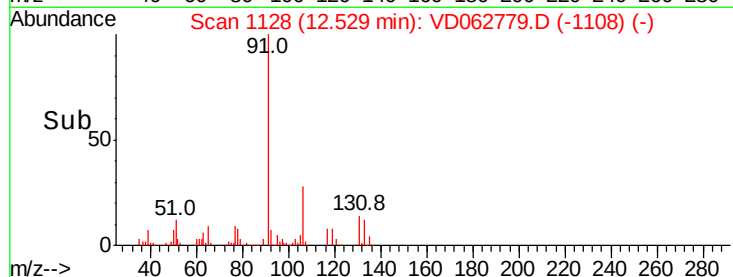
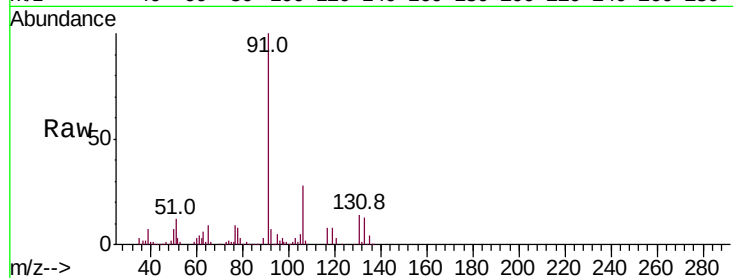
VSTDIC020

Tot Ion: 91 Resp: 636947

Ion Ratio Lower Upper

91 100

106 27.7 23.1 34.7



#68

m/p-Xylenes

Concen: 36.215 ug/l

RT: 12.67 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VD062779.D

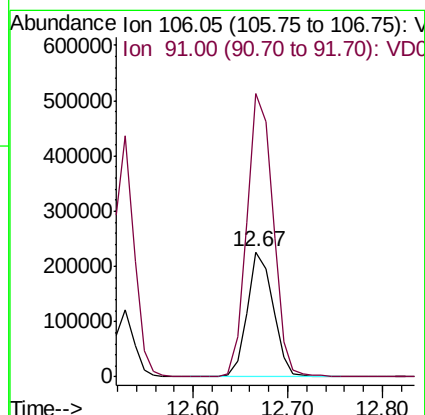
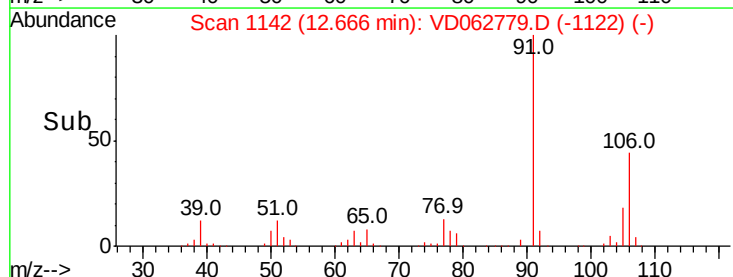
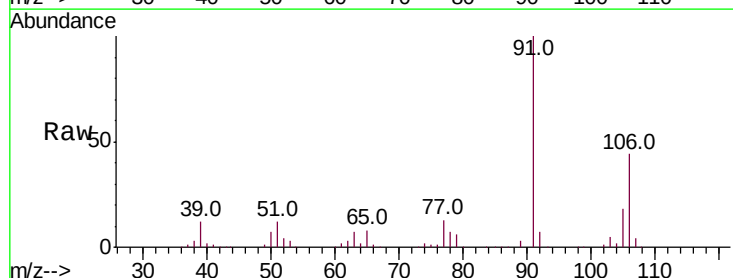
Acq: 19 Jun 2019 15:12

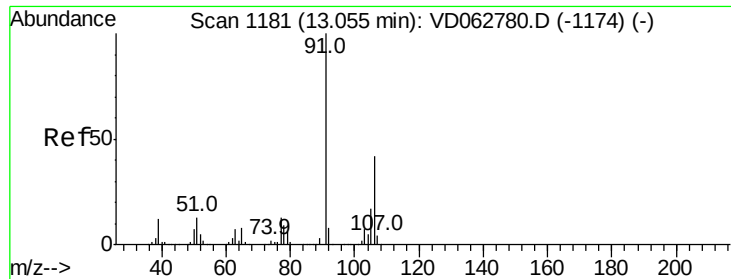
Tgt Ion: 106 Resp: 428988

Ion Ratio Lower Upper

106 100

91 226.4 183.0 274.6

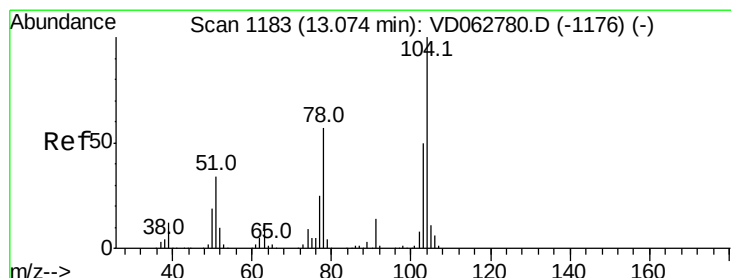
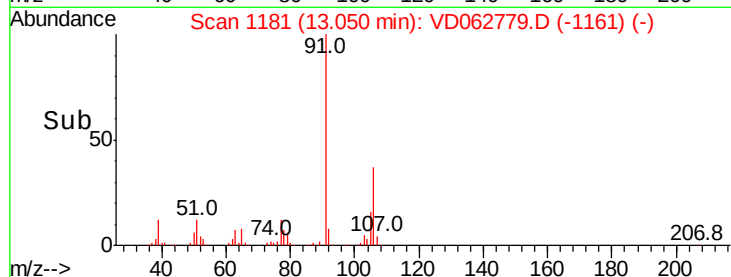
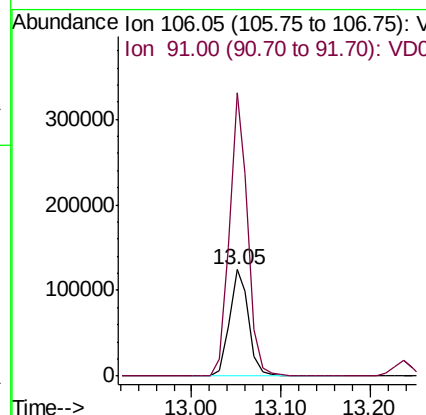
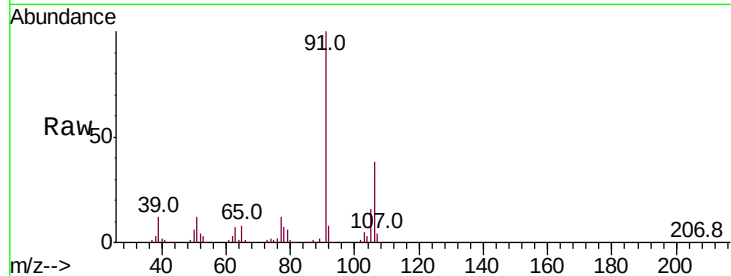




#69  
o-Xylene  
Concen: 17.506 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

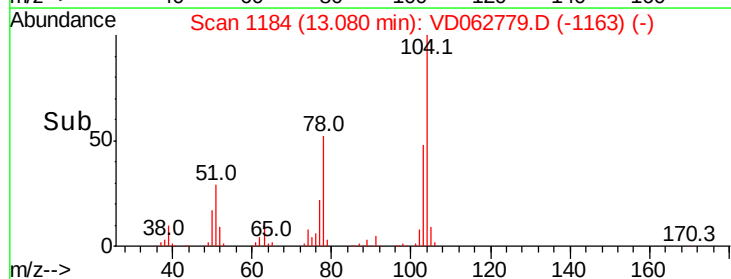
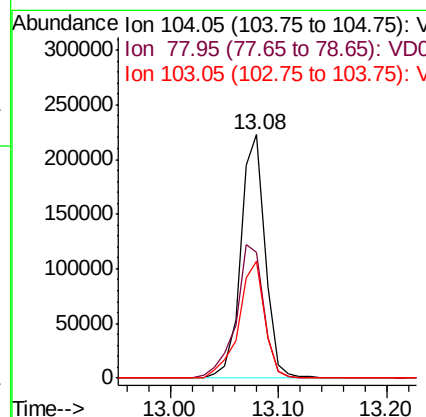
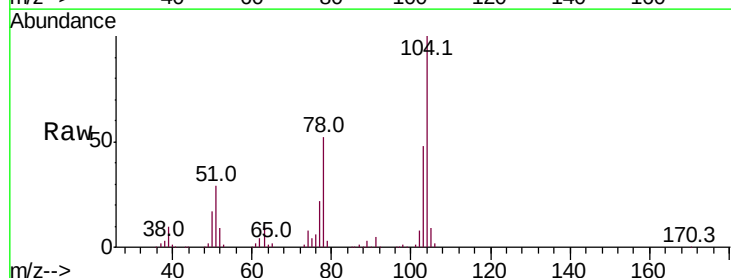
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

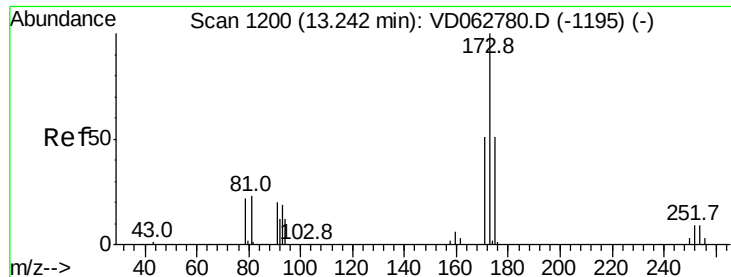
Tot Ion:106 Resp: 189566  
Ion Ratio Lower Upper  
106 100  
91 266.1 117.9 353.6



#70  
Styrene  
Concen: 18.276 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Tgt Ion:104 Resp: 347625  
Ion Ratio Lower Upper  
104 100  
78 51.8 45.4 68.2  
103 47.8 39.7 59.5





#71

Bromoform

Concen: 19.453 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

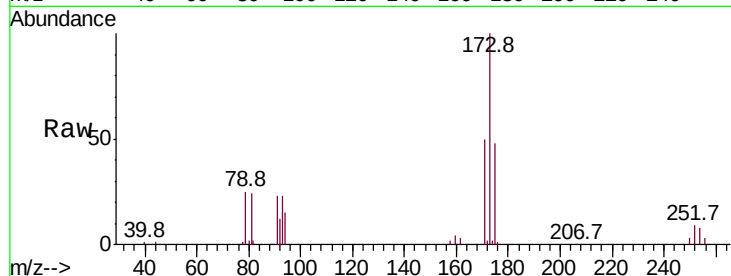
Tot Ion:173 Resp: 118076

Ion Ratio Lower Upper

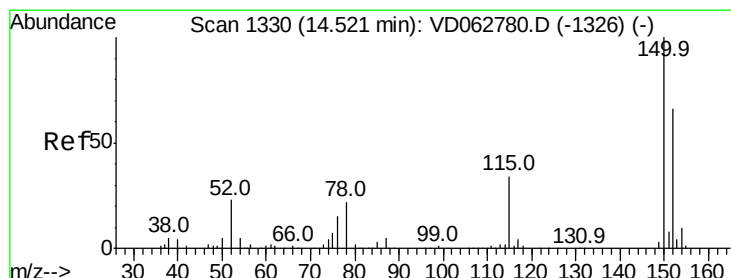
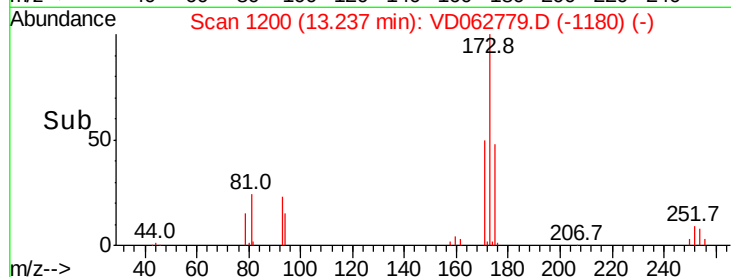
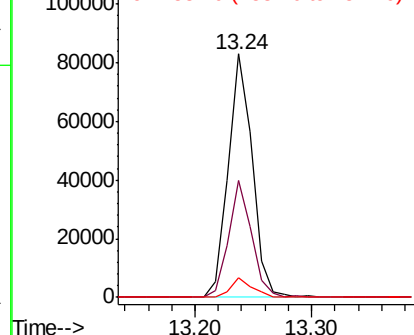
173 100

175 47.9 25.3 75.9

254 8.1 7.1 10.7



Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

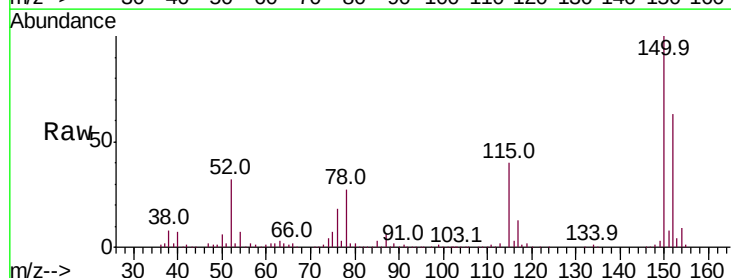
Tgt Ion:152 Resp: 516592

Ion Ratio Lower Upper

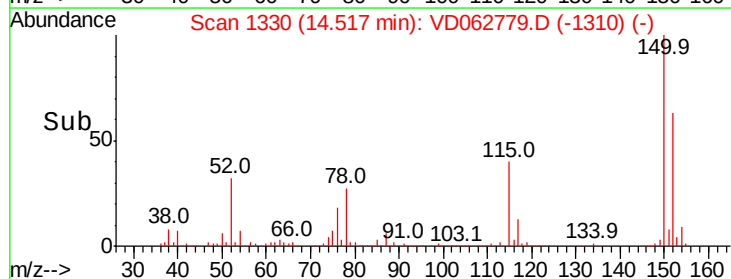
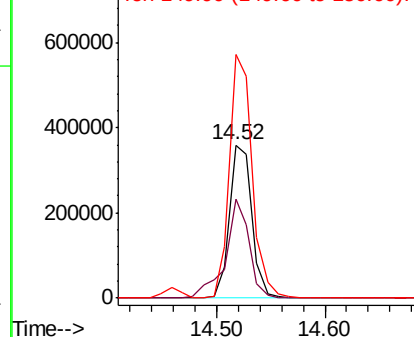
152 100

115 64.3 29.2 87.6

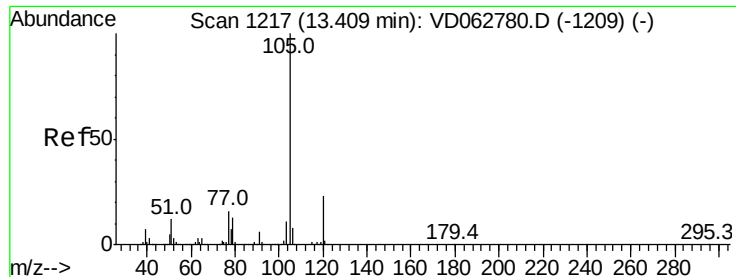
150 158.8 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 20.525 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

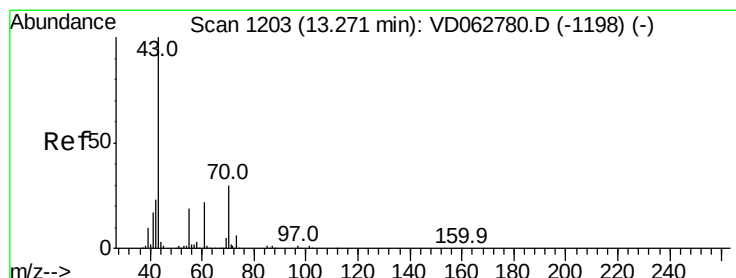
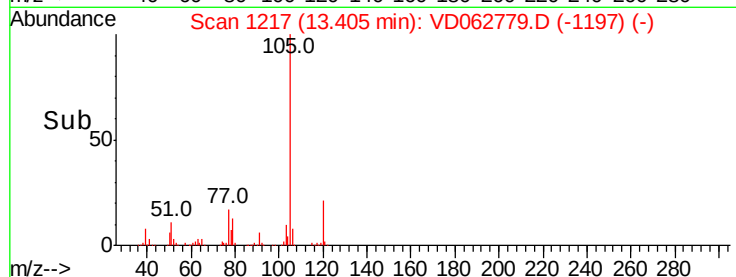
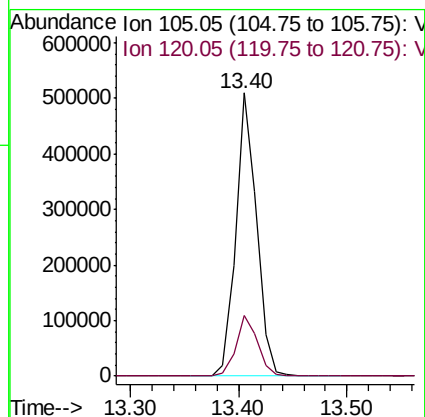
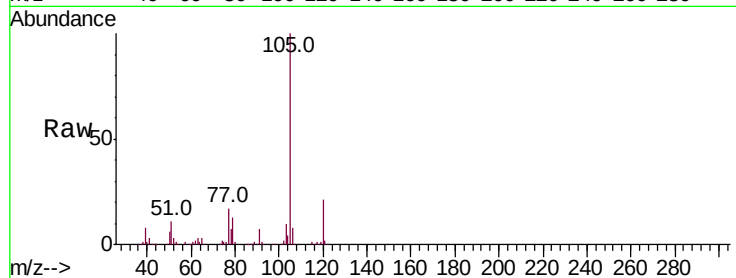
VSTDIC020

Tot Ion:105 Resp: 679862

Ion Ratio Lower Upper

105 100

120 21.2 11.6 34.7



#74

N-ethyl acetate

Concen: 19.573 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Tgt Ion: 43 Resp: 157441

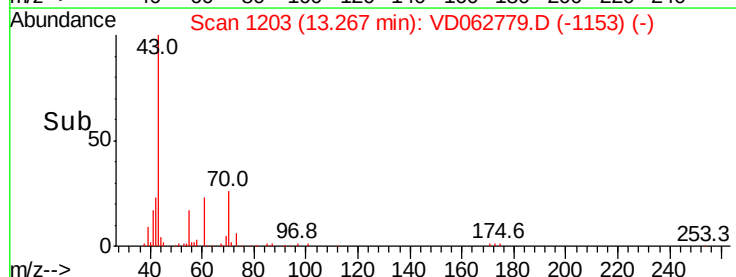
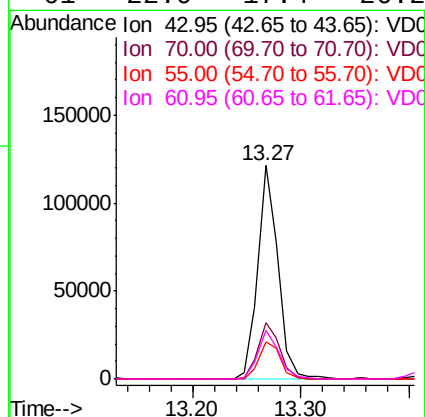
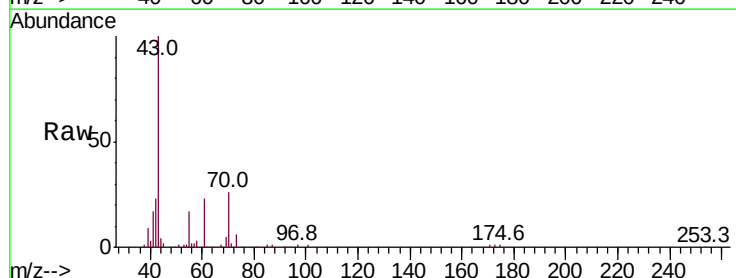
Ion Ratio Lower Upper

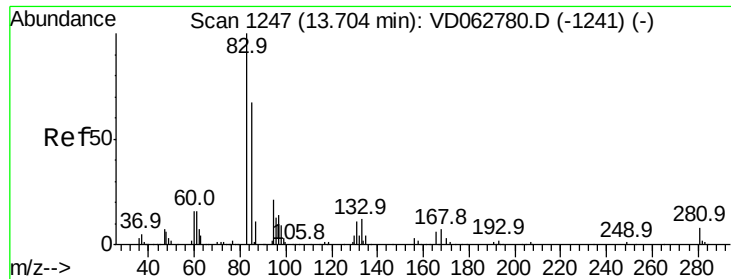
43 100

70 26.5 24.4 36.6

55 17.2 15.2 22.8

61 22.9 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.477 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

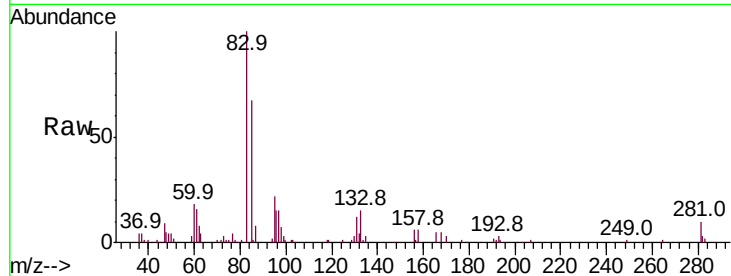
MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 83 Resp: 110513

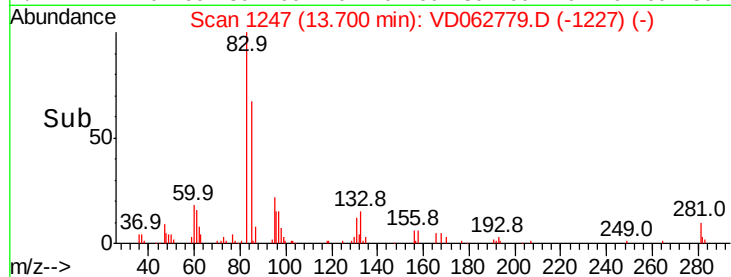
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 11.7  | 5.3   | 16.1  |
| 85  | 66.6  | 33.7  | 101.1 |



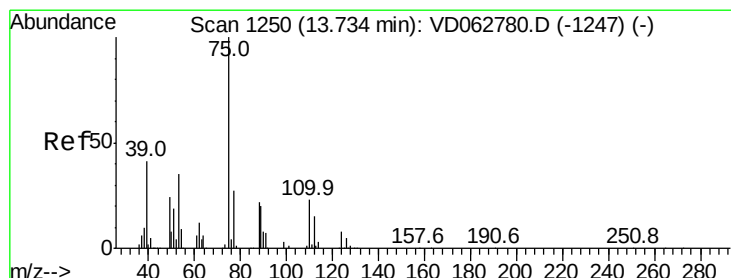
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



Time--> 13.60 13.70 13.80



#76

1,2,3-Trichloropropane

Concen: 19.370 ug/l

RT: 13.74 min Scan# 1251

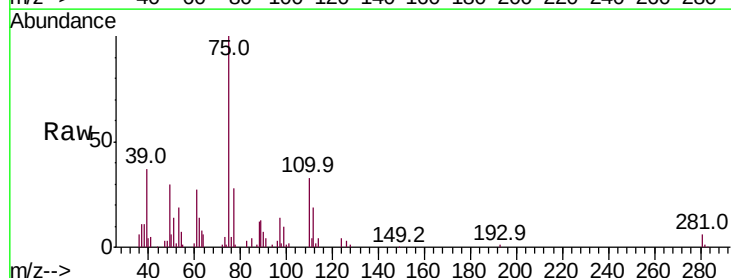
Delta R.T. 0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

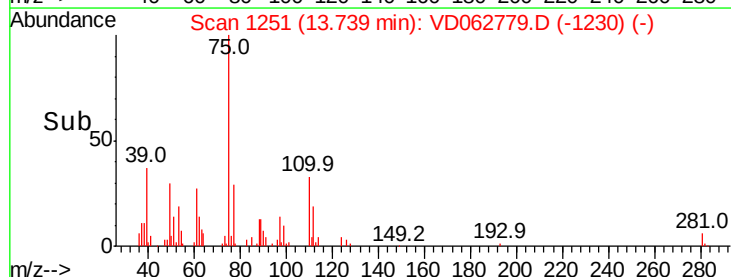
Tgt Ion: 75 Resp: 115516

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 28.5  | 15.0  | 45.1  |

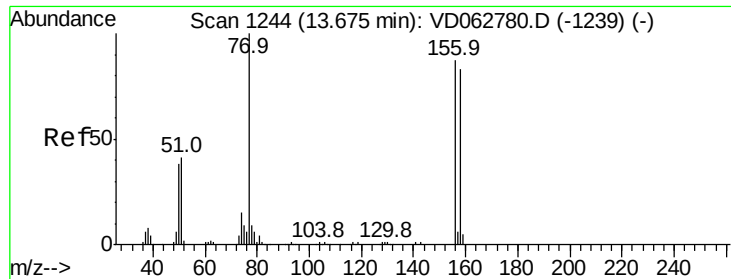


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



Time--> 13.65 13.70 13.75 13.80



#77

Bromobenzene

Concen: 19.184 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

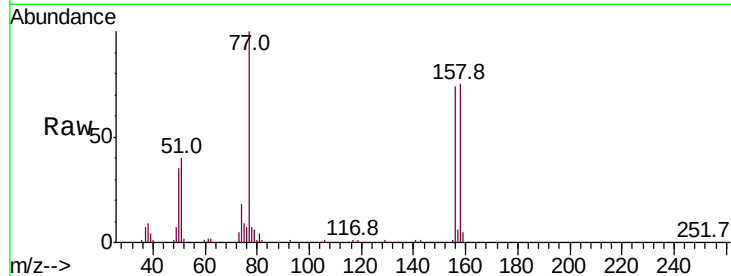
Tot Ion:156 Resp: 170915

Ion Ratio Lower Upper

156 100

77 135.6 57.7 173.1

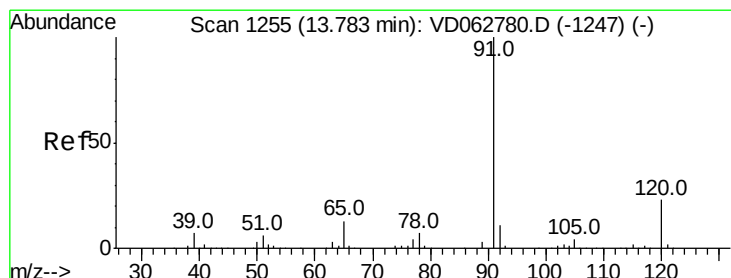
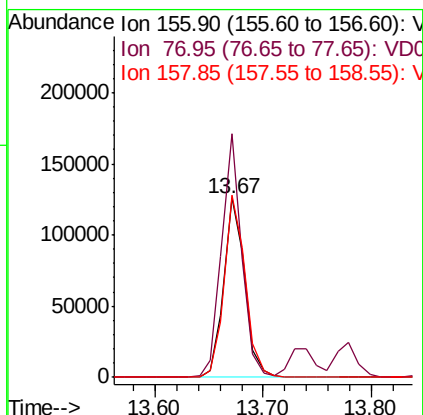
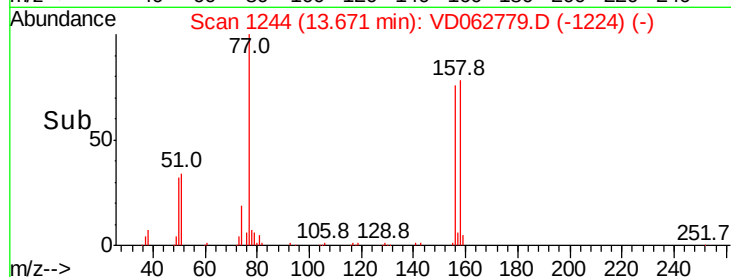
158 101.7 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 20.247 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VD062779.D

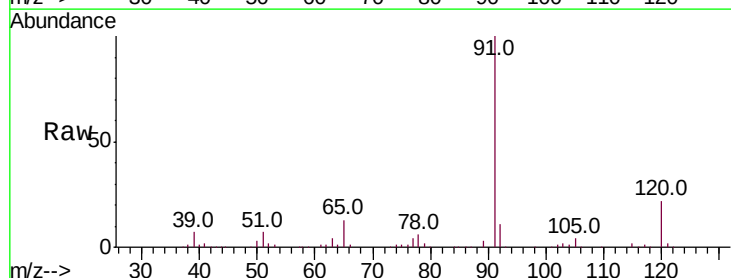
Acq: 19 Jun 2019 15:12

Tgt Ion: 91 Resp: 780552

Ion Ratio Lower Upper

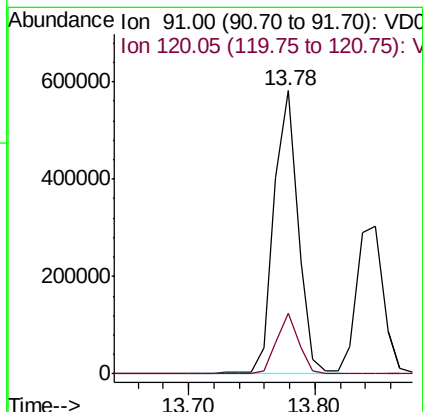
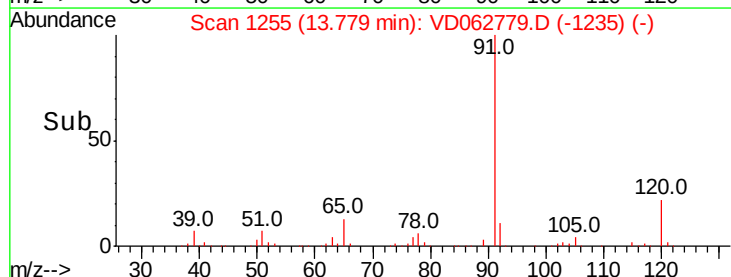
91 100

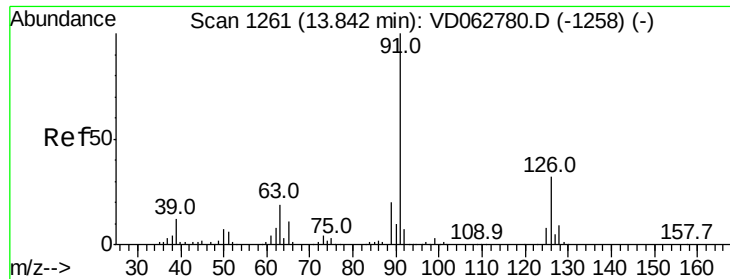
120 21.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

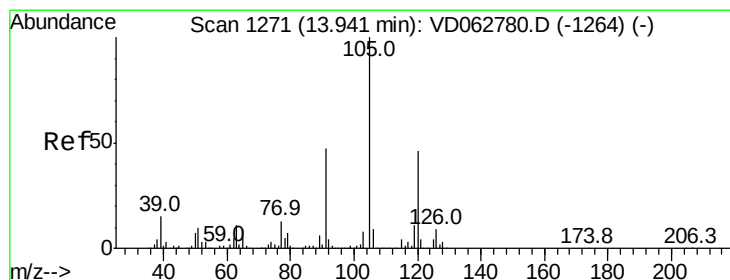
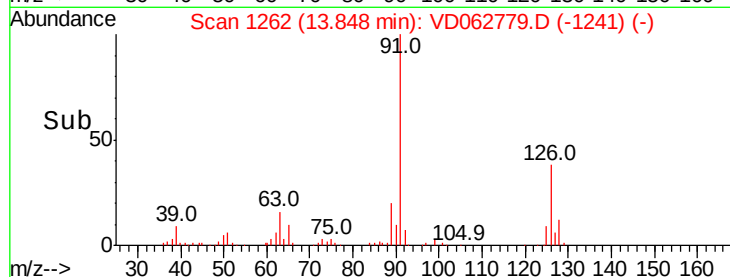
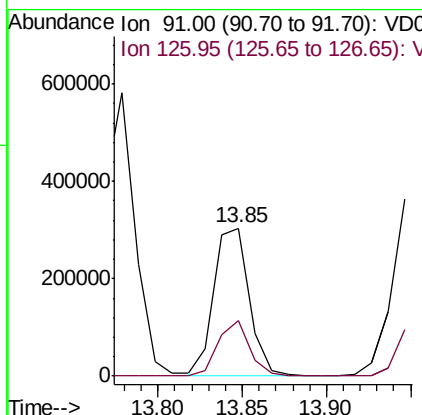
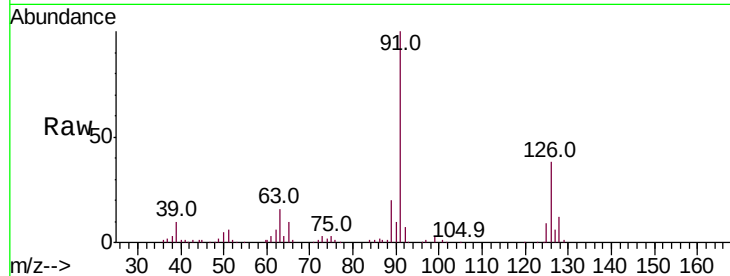




#79  
 2-Chlorotoluene  
 Concen: 20.190 ug/l  
 RT: 13.85 min Scan# 1262  
 Delta R.T. 0.01 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

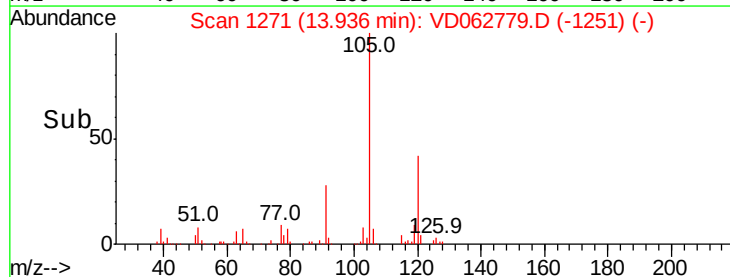
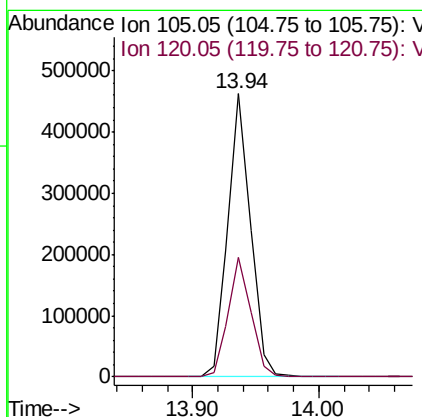
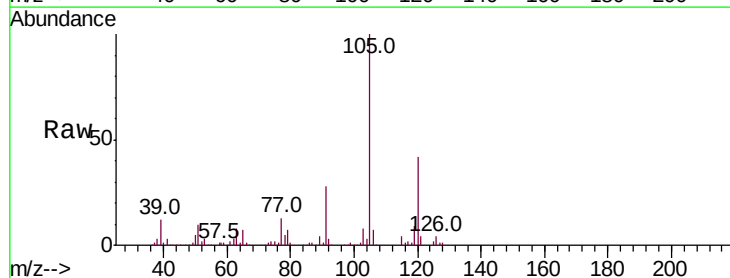
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

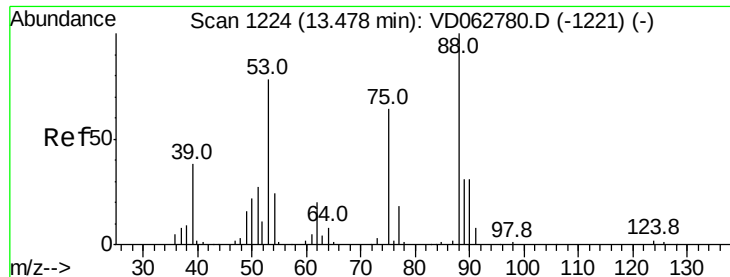
Tot Ion: 91 Resp: 444415  
 Ion Ratio Lower Upper  
 91 100  
 126 37.6 15.7 47.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.647 ug/l  
 RT: 13.94 min Scan# 1271  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Tgt Ion: 105 Resp: 574428  
 Ion Ratio Lower Upper  
 105 100  
 120 42.1 23.1 69.2

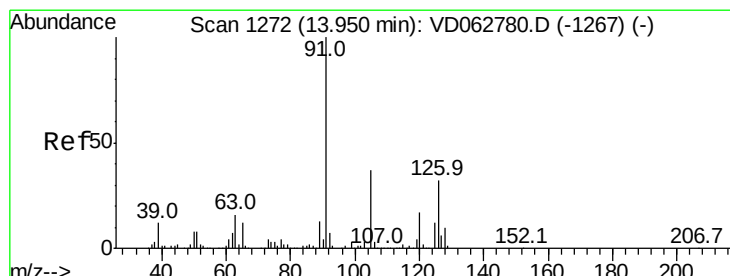
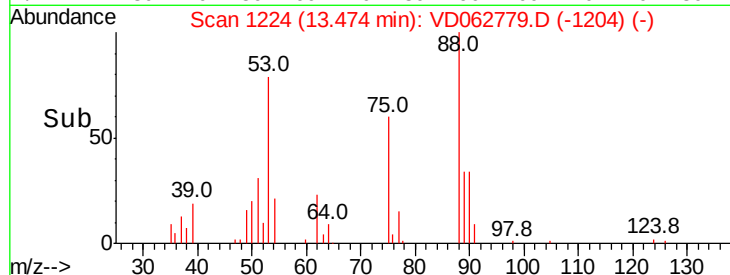
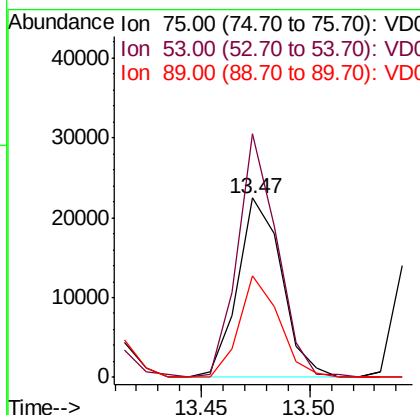
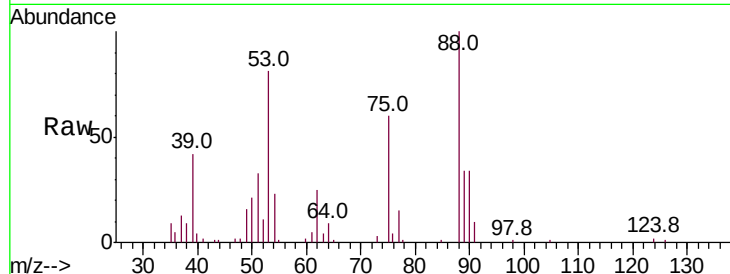




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.330 ug/l  
RT: 13.47 min Scan# 1224  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

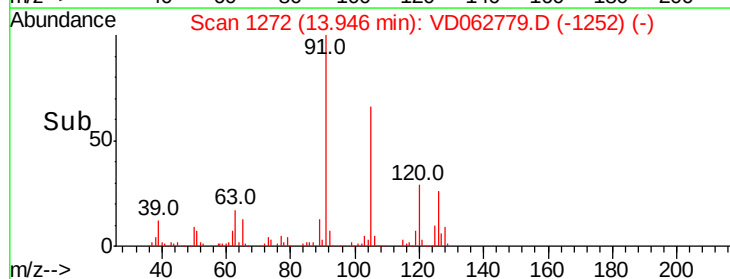
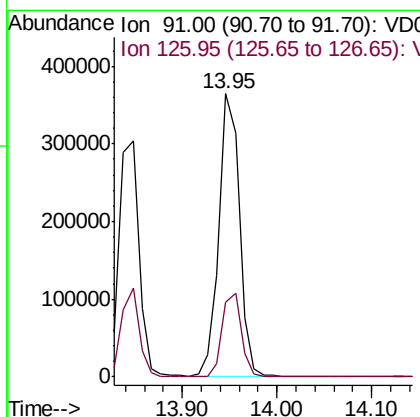
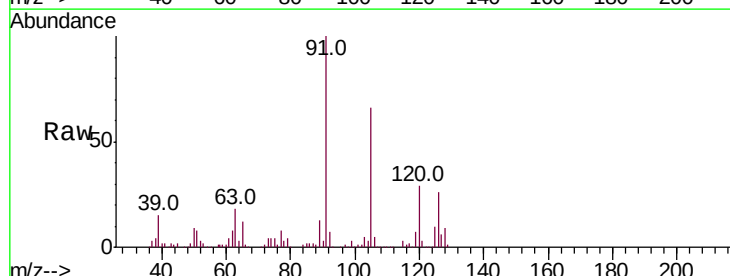
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

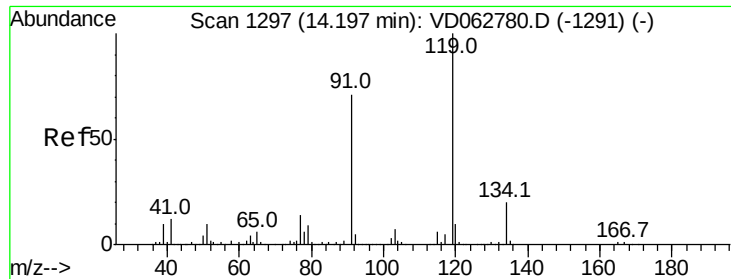
Tot Ion: 75 Resp: 31775  
Ion Ratio Lower Upper  
75 100  
53 135.6 97.8 146.8  
89 56.4 39.4 59.2



#82  
4-Chlorotoluene  
Concen: 20.837 ug/l  
RT: 13.95 min Scan# 1272  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Tgt Ion: 91 Resp: 552675  
Ion Ratio Lower Upper  
91 100  
126 26.4 16.0 47.9

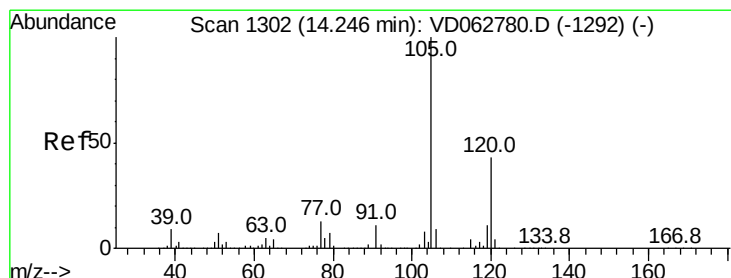
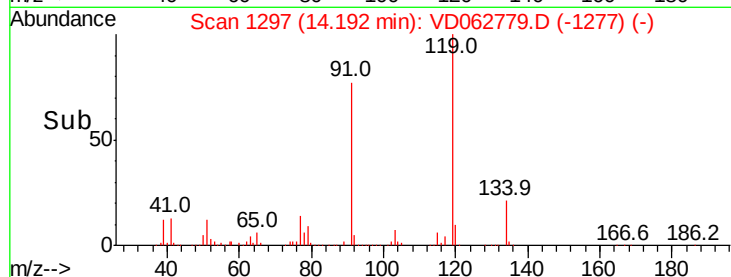
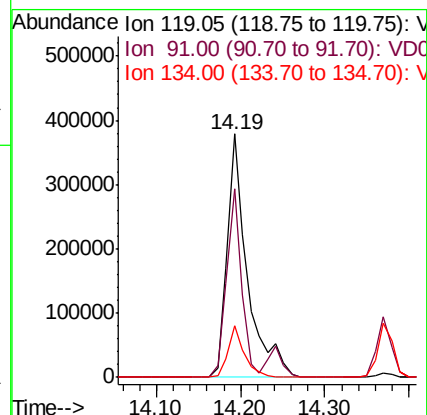
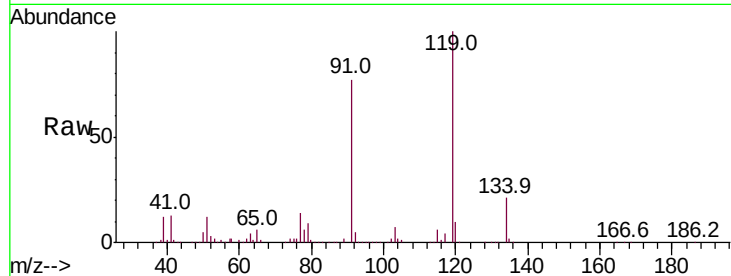




#83  
 tert-Butylbenzene  
 Concen: 20.373 ug/l  
 RT: 14.19 min Scan# 1297  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

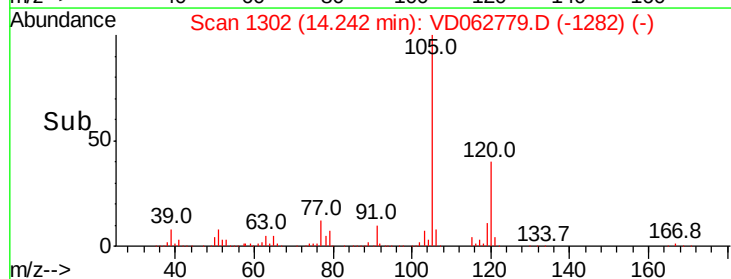
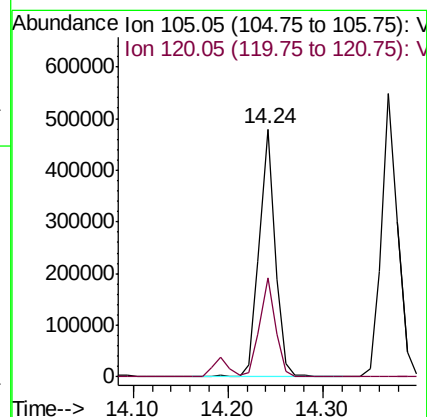
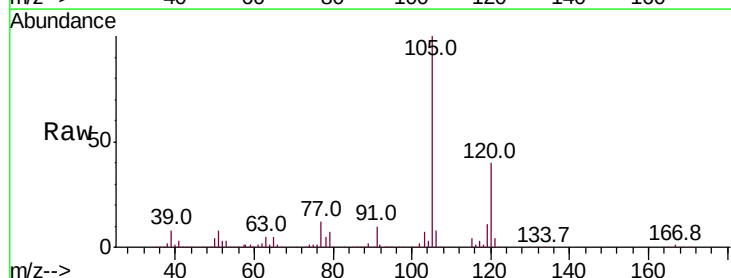
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

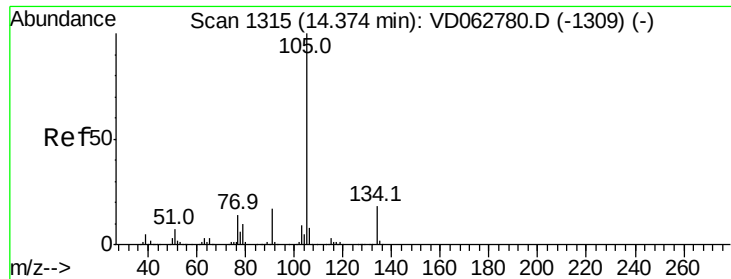
Tot Ion:119 Resp: 631791  
 Ion Ratio Lower Upper  
 119 100  
 91 77.4 35.5 106.5  
 134 21.4 10.2 30.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.860 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Tgt Ion:105 Resp: 566337  
 Ion Ratio Lower Upper  
 105 100  
 120 40.2 21.3 63.9





#85

sec-Butylbenzene

Concen: 19.755 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

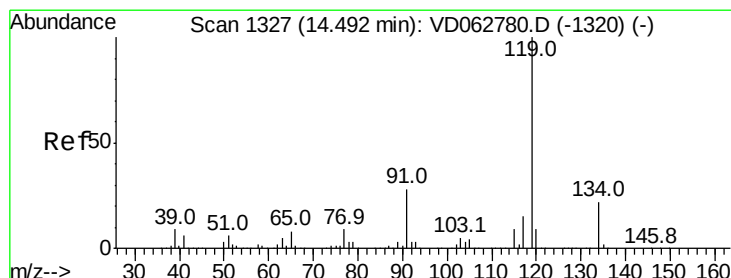
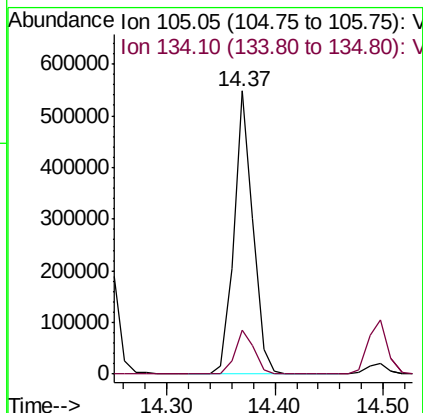
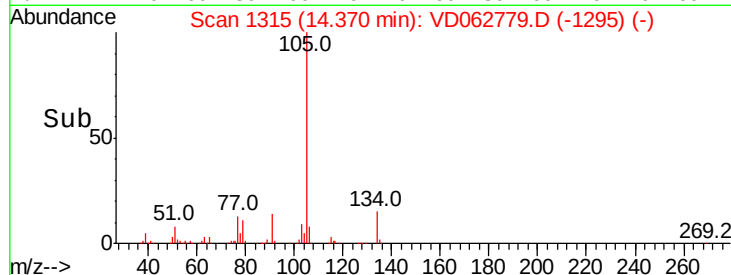
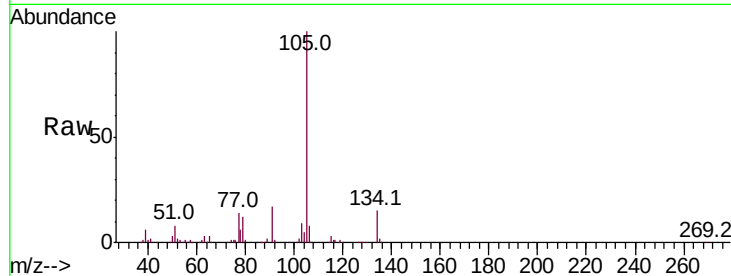
VSTDIC020

Tot Ion:105 Resp: 665841

Ion Ratio Lower Upper

105 100

134 15.4 9.1 27.3



#86

p-Isopropyltoluene

Concen: 19.941 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

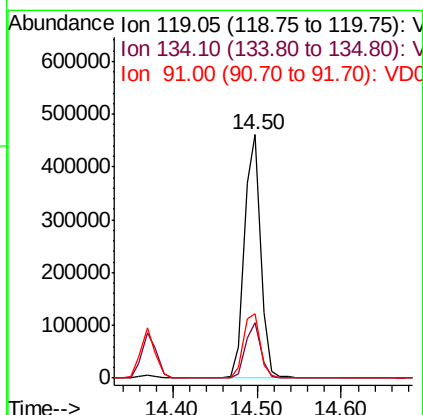
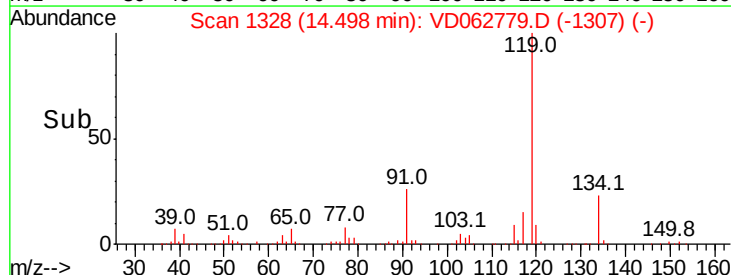
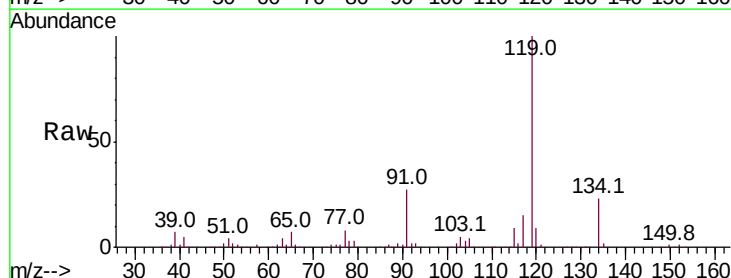
Tgt Ion:119 Resp: 614886

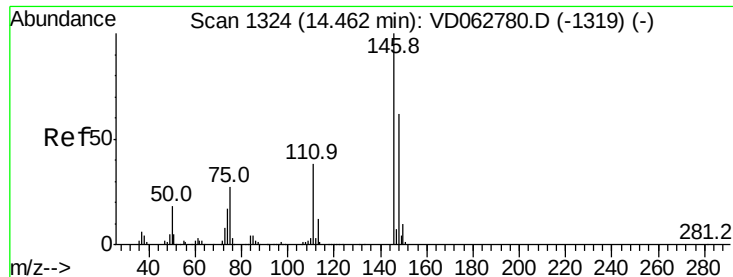
Ion Ratio Lower Upper

119 100

134 22.7 11.1 33.1

91 26.6 14.0 41.9





#87

1,3-Dichlorobenzene

Concen: 20.034 ug/l

RT: 14.46 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

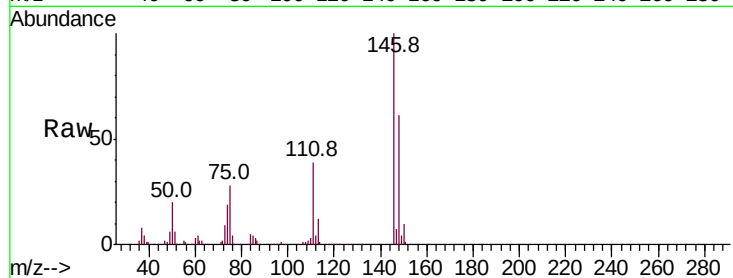
Tot Ion:146 Resp: 319943

Ion Ratio Lower Upper

146 100

111 39.0 19.0 57.0

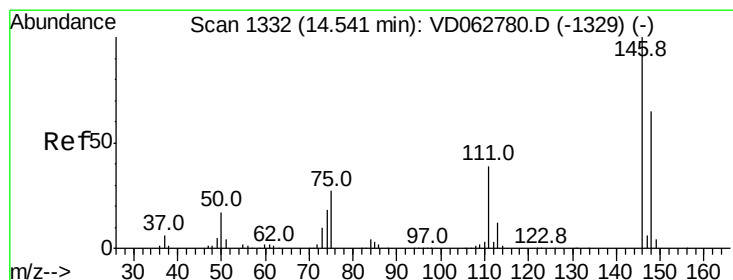
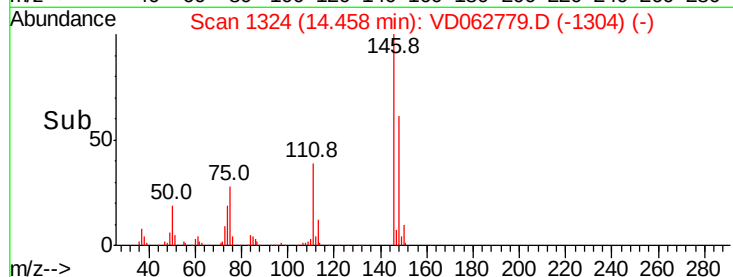
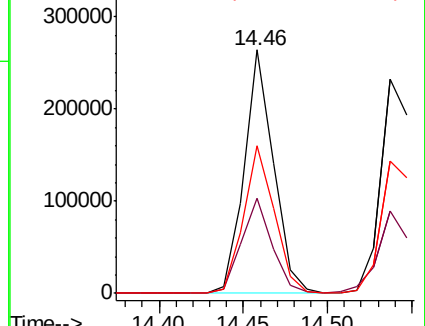
148 60.7 30.8 92.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.202 ug/l

RT: 14.54 min Scan# 1332

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

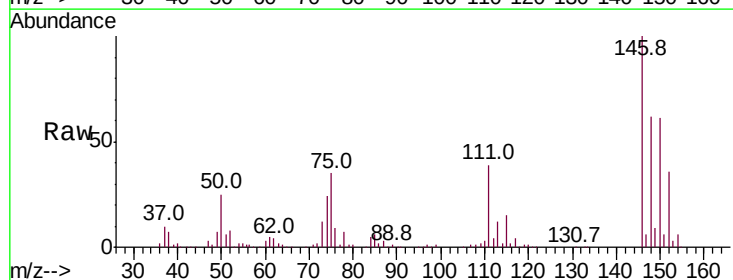
Tgt Ion:146 Resp: 308006

Ion Ratio Lower Upper

146 100

111 38.5 19.7 59.1

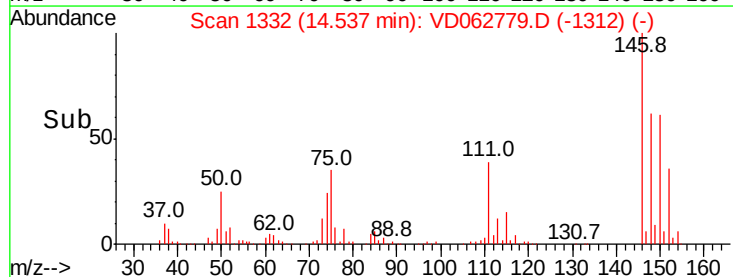
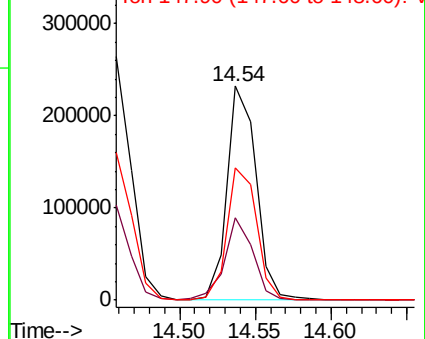
148 61.7 32.8 98.3



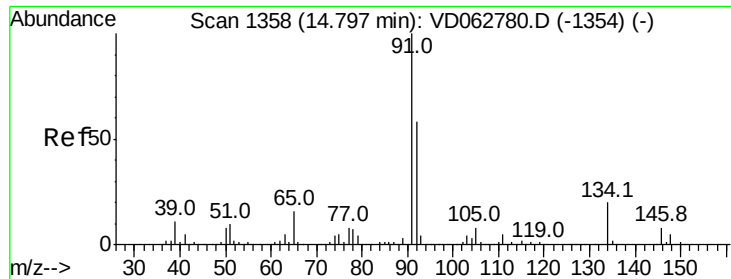
Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V







#89

n-Butylbenzene

Concen: 20.212 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

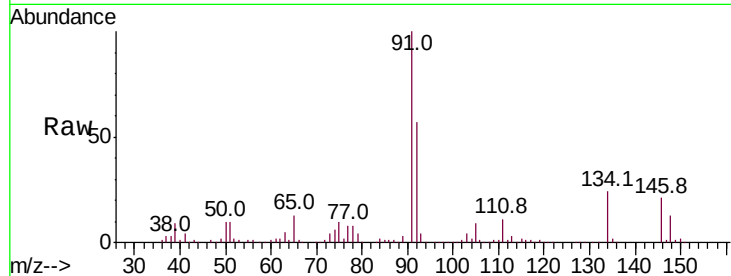
Tot Ion: 91 Resp: 583344

Ion Ratio Lower Upper

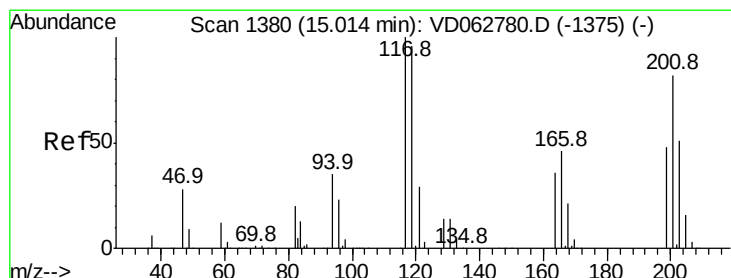
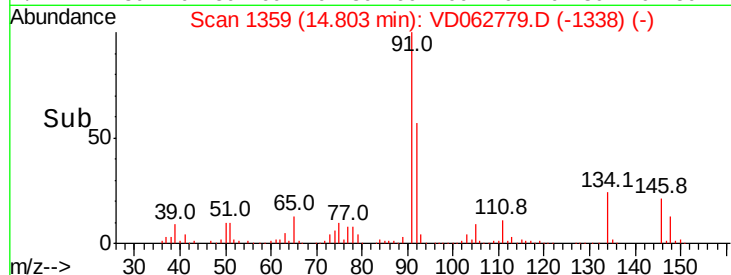
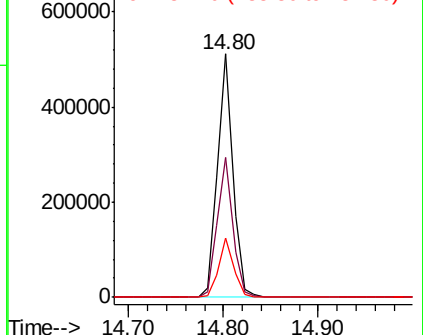
91 100

92 57.2 28.9 86.7

134 24.3 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 20.430 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VD062779.D

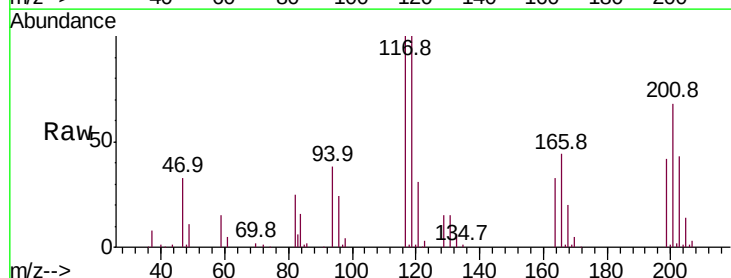
Acq: 19 Jun 2019 15:12

Tgt Ion: 117 Resp: 169380

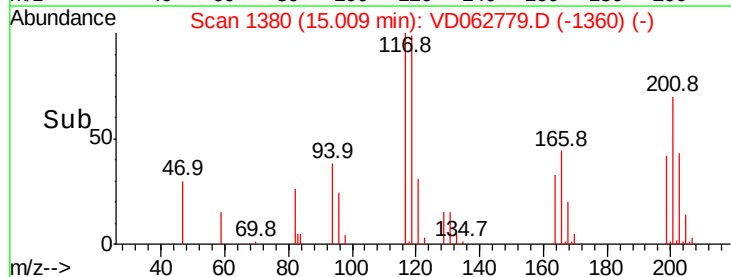
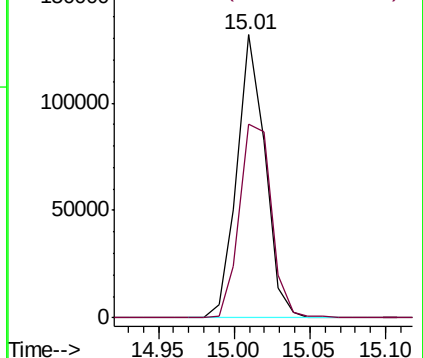
Ion Ratio Lower Upper

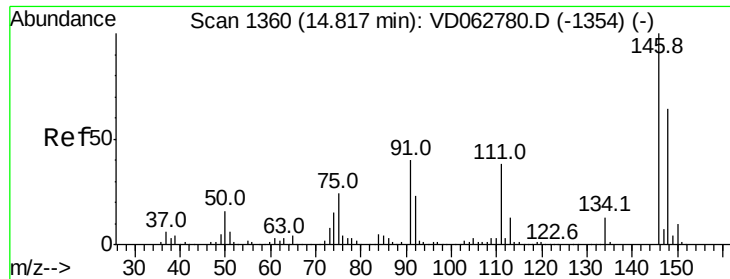
117 100

201 68.3 40.8 122.2



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 200.75 (200.45 to 201.45): V





#91

1,2-Dichlorobenzene

Concen: 20.013 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

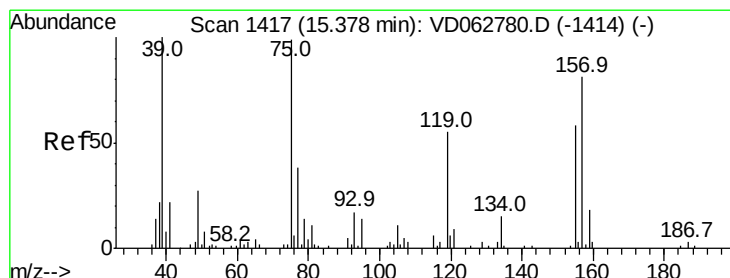
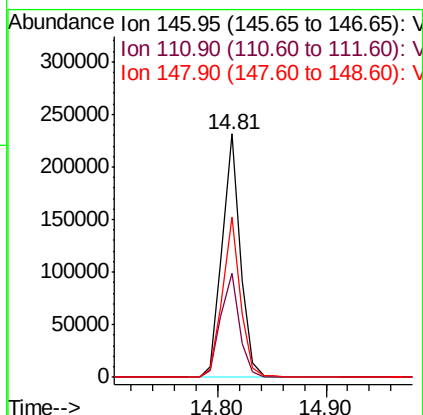
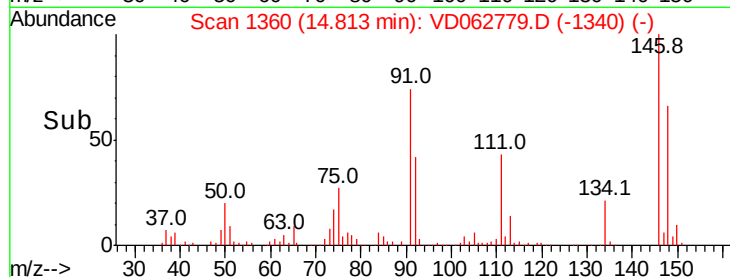
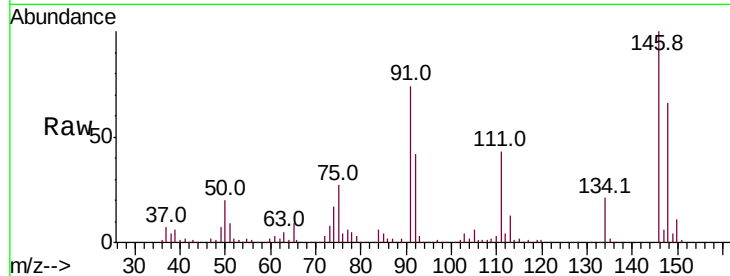
Tot Ion:146 Resp: 273448

Ion Ratio Lower Upper

146 100

111 42.9 19.1 57.1

148 66.1 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.746 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VD062779.D

Acq: 19 Jun 2019 15:12

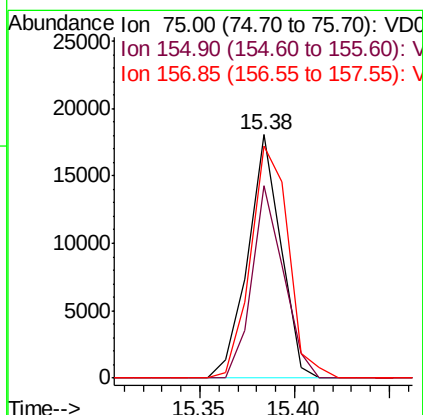
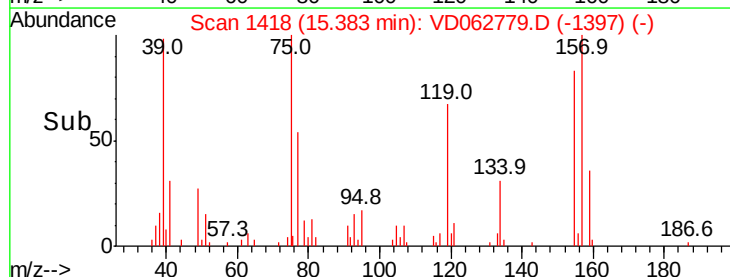
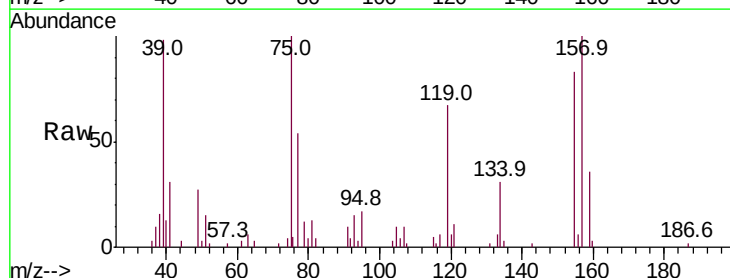
Tgt Ion: 75 Resp: 21853

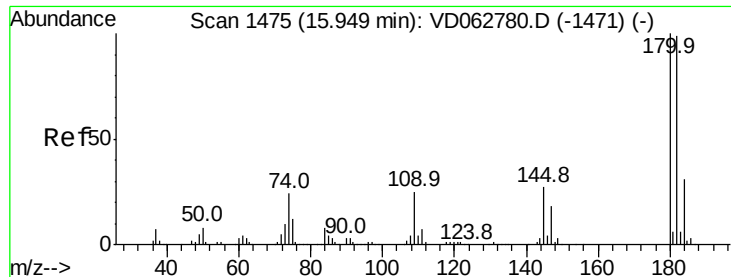
Ion Ratio Lower Upper

75 100

155 79.0 29.3 87.8

157 95.2 41.3 123.7

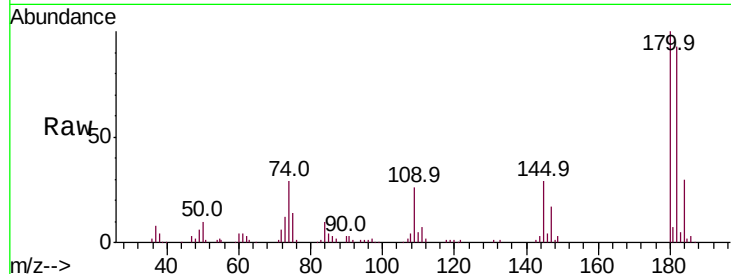




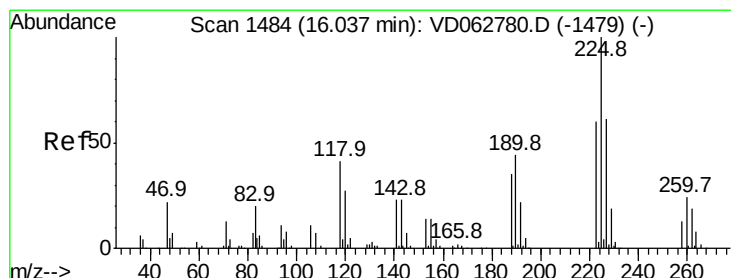
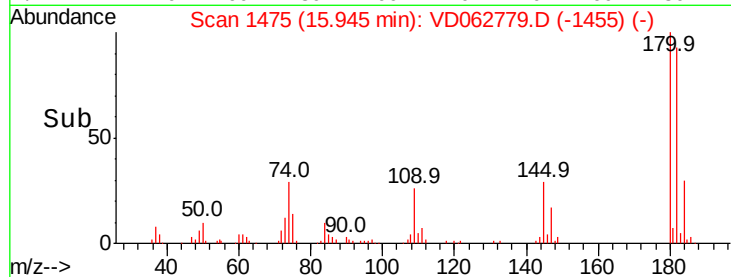
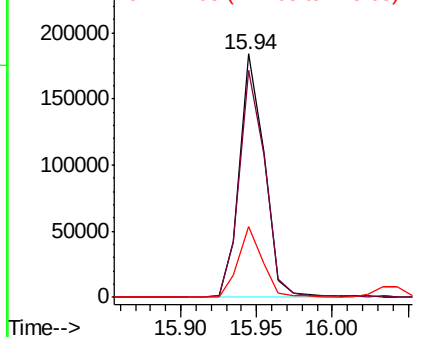
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.770 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Tot Ion:180 Resp: 211020  
 Ion Ratio Lower Upper  
 180 100  
 182 93.4 49.5 148.5  
 145 29.2 13.7 41.0

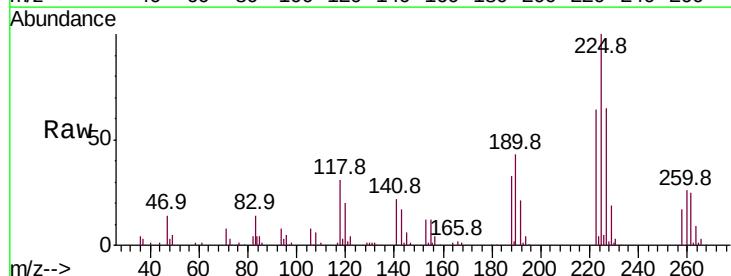


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

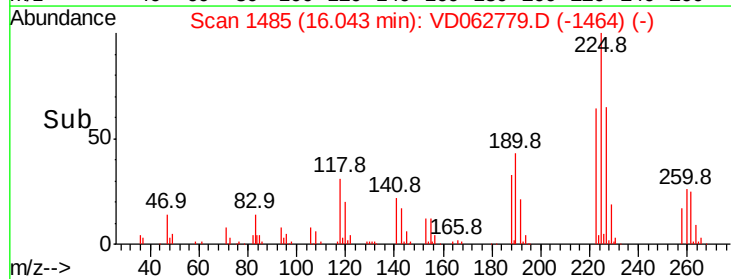
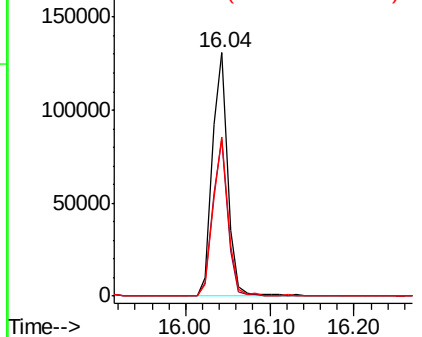


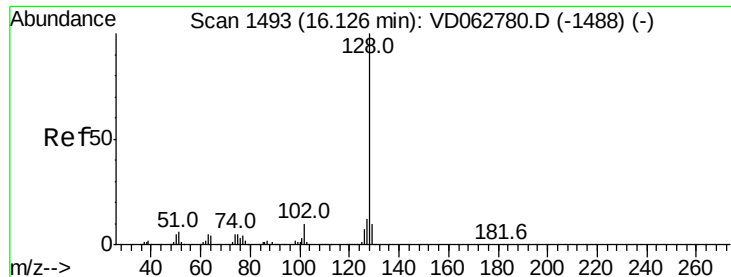
#94  
 Hexachlorobutadiene  
 Concen: 20.355 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD062779.D  
 Acq: 19 Jun 2019 15:12

Tgt Ion:225 Resp: 165981  
 Ion Ratio Lower Upper  
 225 100  
 223 64.2 29.8 89.5  
 227 65.5 30.6 91.6



Abundance Ion 224.75 (224.45 to 225.45): V  
 Ion 222.75 (222.45 to 223.45): V  
 Ion 226.75 (226.45 to 227.45): V

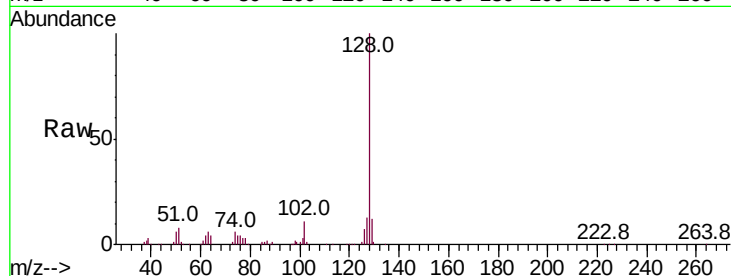




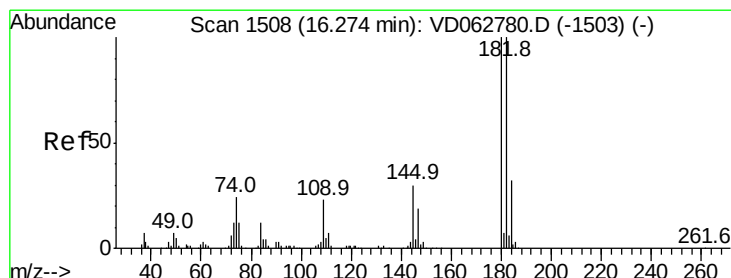
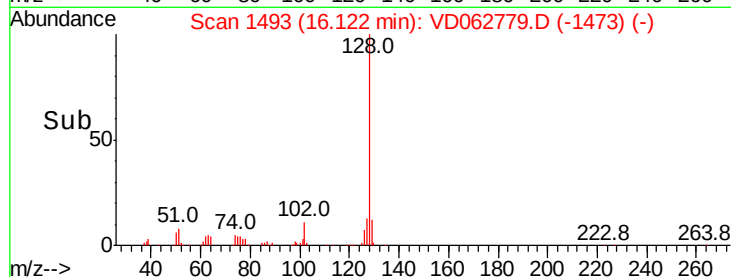
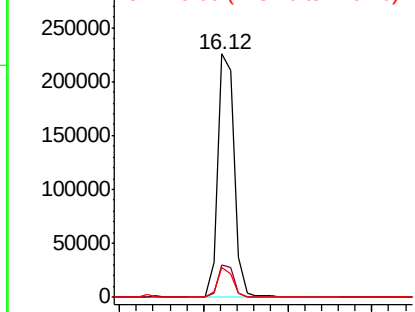
#95  
Naphthalene  
Concen: 20.593 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tot Ion:128 Resp: 308081  
Ion Ratio Lower Upper  
128 100  
127 13.3 9.7 14.5  
129 12.2 8.3 12.5

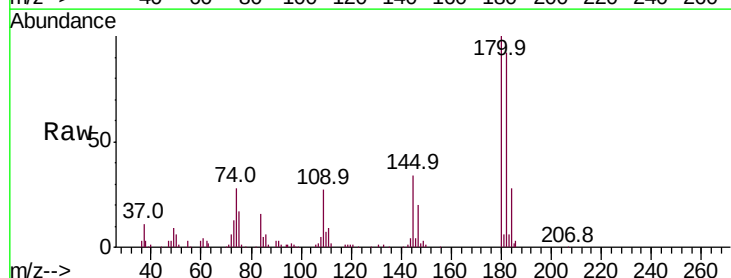


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 21.415 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: VD062779.D  
Acq: 19 Jun 2019 15:12

Tgt Ion:180 Resp: 175620  
Ion Ratio Lower Upper  
180 100  
182 92.0 49.9 149.6  
145 33.8 15.2 45.5



Abundance Ion 179.85 (179.55 to 180.55): V  
Ion 181.85 (181.55 to 182.55): V  
Ion 144.95 (144.65 to 145.65): V

