

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\  
 Data File : VX002643.D  
 Acq On : 16 Jun 2018 12:56  
 Operator : JC/MD  
 Sample : J3477-08  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S36-0134

Quant Time: Jun 18 06:11:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:37:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 215235   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 302391   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 285171   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 163166   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 143942   | 44.01 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 88.02% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 110589   | 45.82 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.64% |          |
| 50) Toluene-d8              | 8.72  | 98   | 433942   | 47.36 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.72% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 152208   | 43.83 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 87.66% |          |

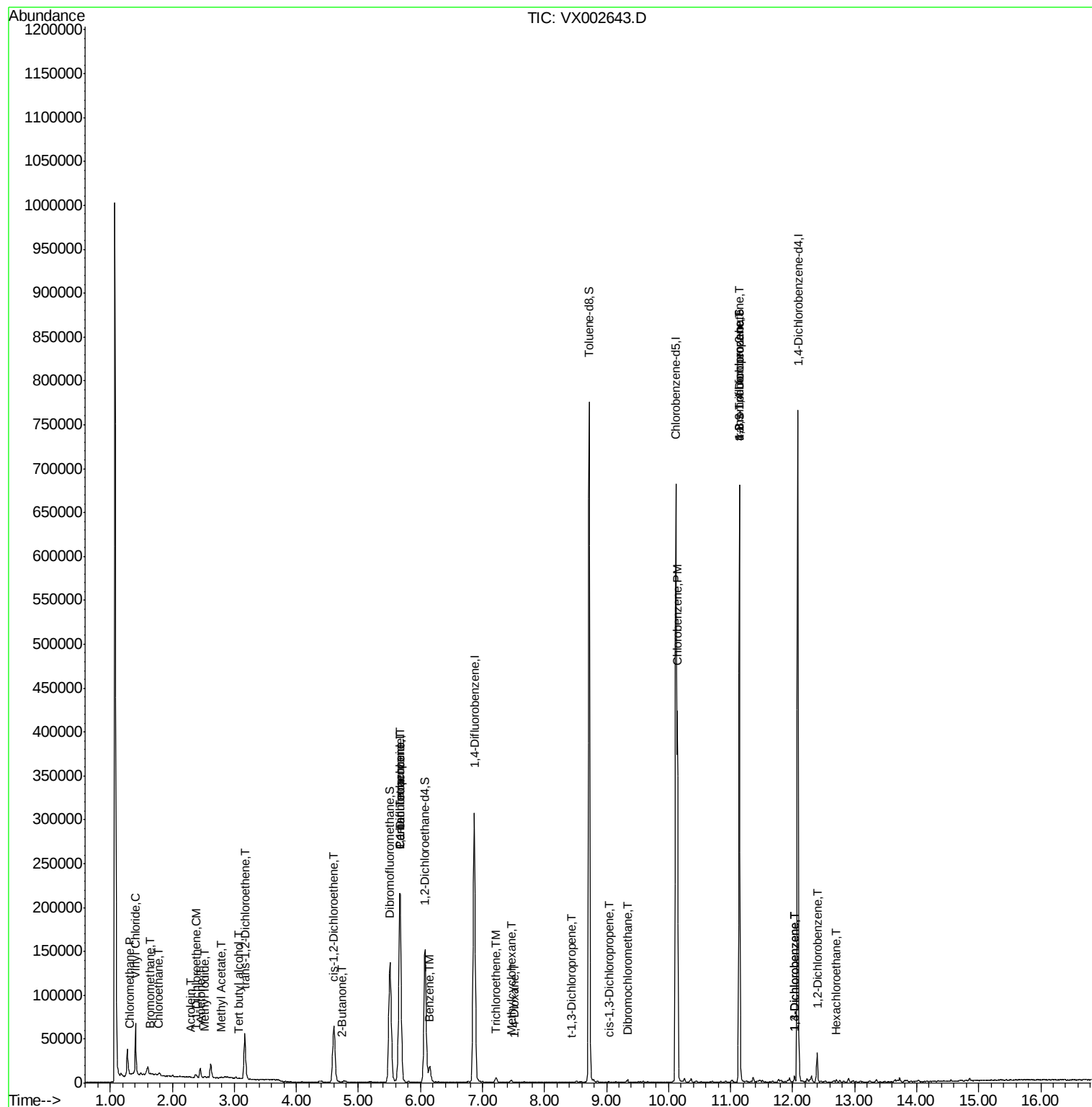
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 918      | 0.34  | ug/l # | 77     |
| 4) Vinyl Chloride              | 1.40  | 62   | 36958    | 13.10 | ug/l # | 87     |
| 5) Bromomethane                | 1.65  | 94   | 996      | 0.59  | ug/l   | 95     |
| 6) Chloroethane                | 1.78  | 64   | 1120     | 0.60  | ug/l # | 43     |
| 10) Methyl Iodide              | 2.52  | 142  | 1581     | 5.59  | ug/l   | 99     |
| 11) Tert butyl alcohol         | 3.07  | 59   | 548      | 0.81  | ug/l # | 52     |
| 12) 1,1-Dichloroethene         | 2.38  | 96   | 932      | 0.39  | ug/l # | 61     |
| 13) Acrolein                   | 2.30  | 56   | 85       | 7.12  | ug/l # | 1      |
| 16) Acetone                    | 2.45  | 43   | 11296    | 7.83  | ug/l   | 99     |
| 18) Methyl Acetate             | 2.79  | 43   | 1444     | 0.38  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96   | 20398    | 7.82  | ug/l   | 99     |
| 25) 2-Butanone                 | 4.72  | 43   | 882      | 0.47  | ug/l # | 52     |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 38531    | 14.51 | ug/l   | 89     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 15112    | 4.71  | ug/l # | 52     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 19339    | 6.05  | ug/l # | 16     |
| 39) Methylcyclohexane          | 7.46  | 83   | 888      | 0.24  | ug/l   | 92     |
| 40) Benzene                    | 6.15  | 78   | 19737    | 2.05  | ug/l   | 92     |
| 44) Trichloroethene            | 7.22  | 130  | 1723     | 0.62  | ug/l   | 92     |
| 49) 1,4-Dioxane                | 7.51  | 88   | 51       | 0.88  | ug/l # | 1      |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 22       | 2.40  | ug/l # | 43     |
| 54) cis-1,3-Dichloropropene    | 9.04  | 75   | 26       | 3.22  | ug/l # | 16     |
| 60) Dibromochloromethane       | 9.34  | 129  | 168      | 3.82  | ug/l # | 11     |
| 65) Chlorobenzene              | 10.14 | 112  | 167184   | 23.87 | ug/l   | 99     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 82827    | 26.90 | ug/l # | 33     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 82827    | 83.06 | ug/l # | 6      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 2013     | 0.36  | ug/l   | 97     |
| 88) 1,4-Dichlorobenzene        | 12.03 | 146  | 2013     | 0.35  | ug/l   | 97     |
| 90) Hexachloroethane           | 12.71 | 117  | 595      | 2.99  | ug/l # | 1      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 9410     | 1.68  | ug/l   | 97     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\  
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Sample : J3477-08  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
S36-0134

Quant Time: Jun 18 06:11:18 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:37:33 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampled :

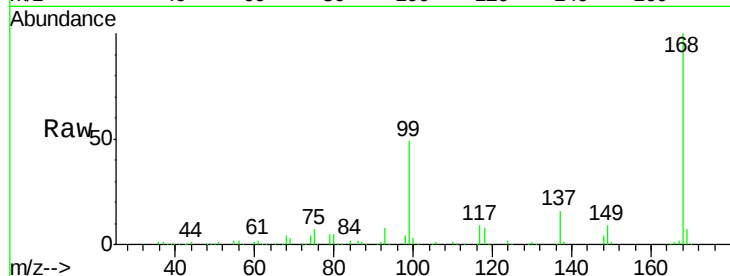
S36-0134

Tot Ion:168 Resp: 215235

Ion Ratio Lower Upper

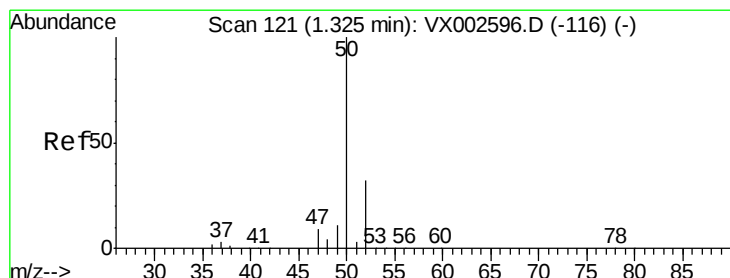
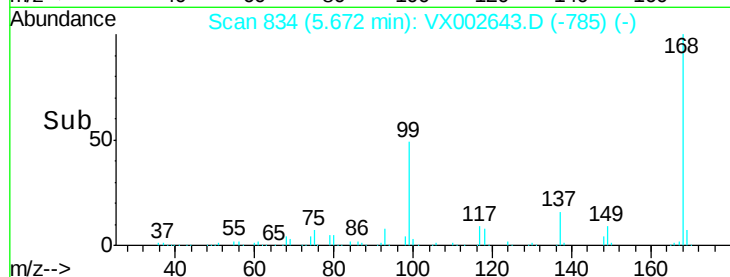
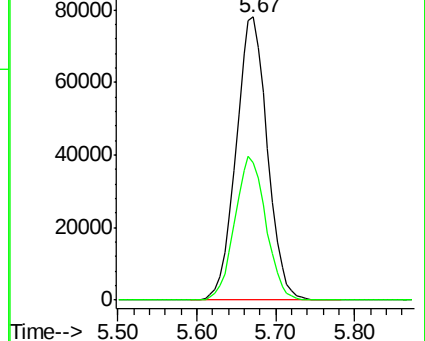
168 100

99 48.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.34 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002643.D

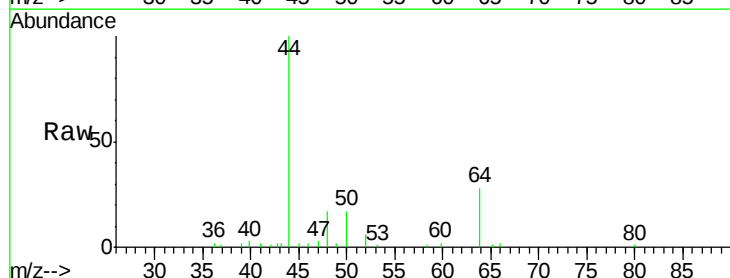
Acq: 16 Jun 2018 12:56

Tgt Ion: 50 Resp: 918

Ion Ratio Lower Upper

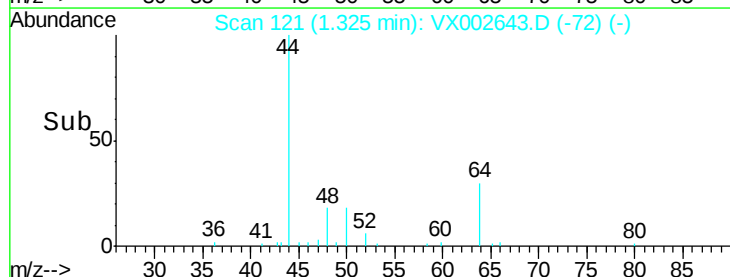
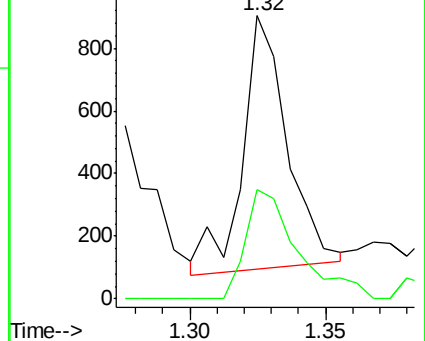
50 100

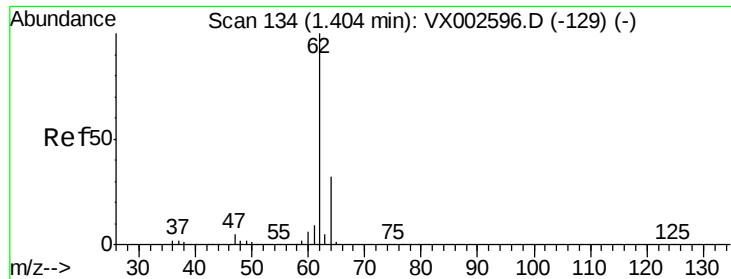
52 44.7 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 13.10 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampled :

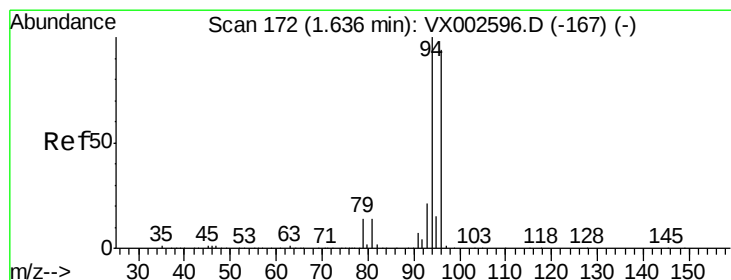
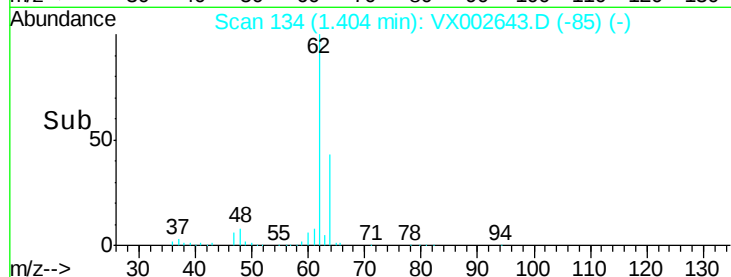
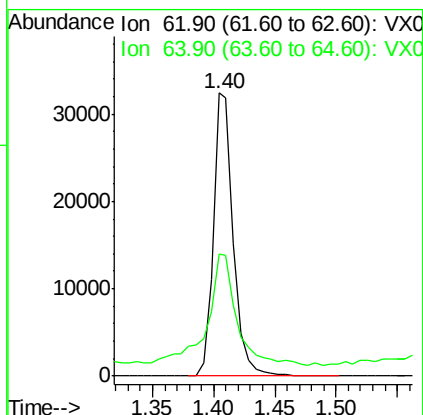
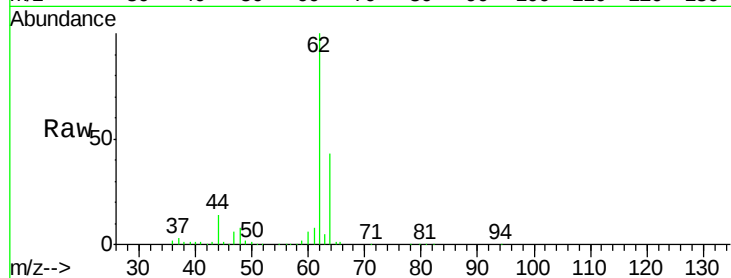
S36-0134

Tot Ion: 62 Resp: 36958

Ion Ratio Lower Upper

62 100

64 39.1 25.4 38.2#



#5

Bromomethane

Concen: 0.59 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002643.D

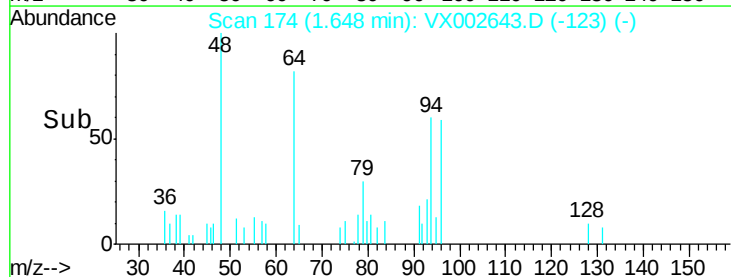
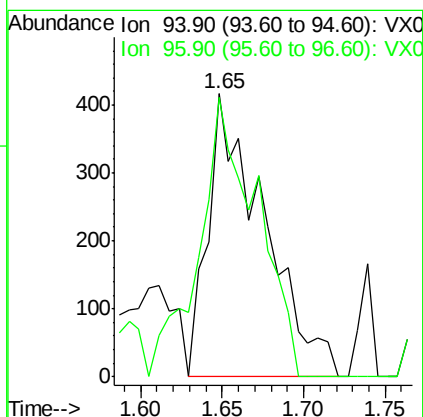
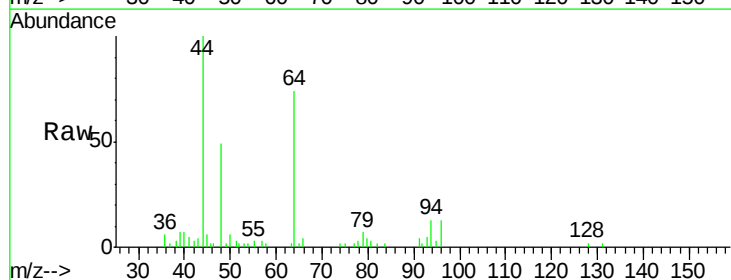
Acq: 16 Jun 2018 12:56

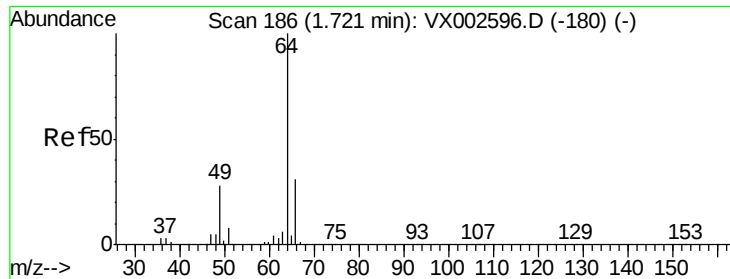
Tgt Ion: 94 Resp: 996

Ion Ratio Lower Upper

94 100

96 98.8 74.9 112.3





#6

Chloroethane

Concen: 0.60 ug/l

RT: 1.78 min Scan# 195

Delta R.T. 0.05 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampled :

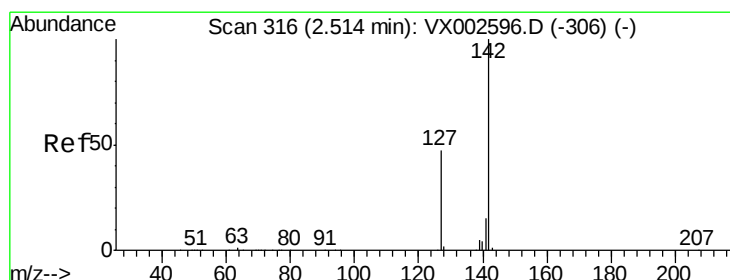
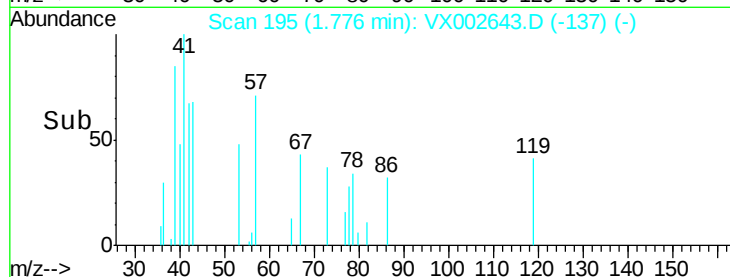
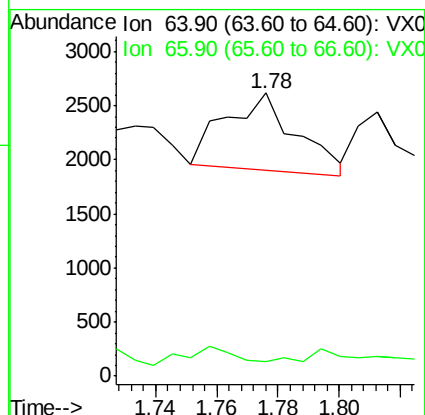
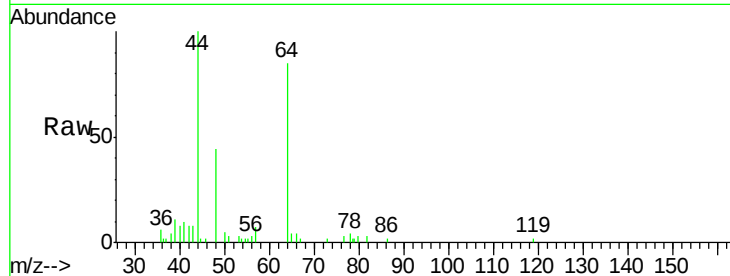
S36-0134

Tot Ion: 64 Resp: 1120

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



#10

Methyl Iodide

Concen: 5.59 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

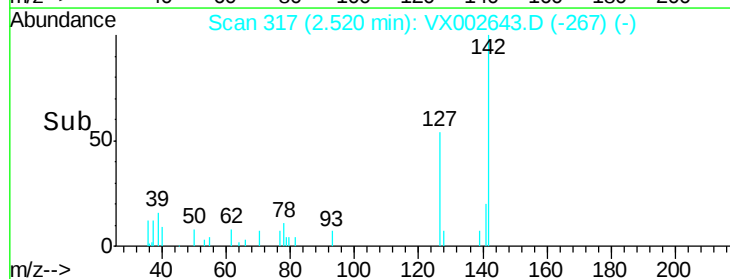
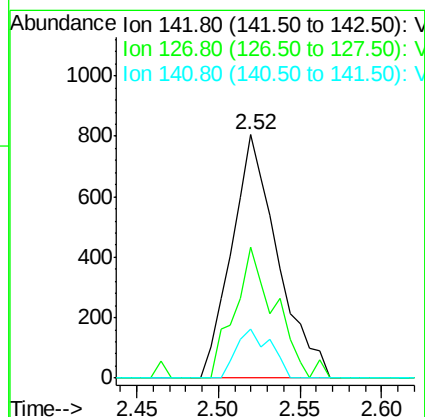
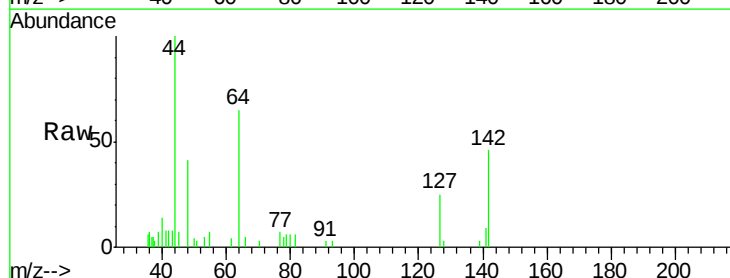
Tgt Ion: 142 Resp: 1581

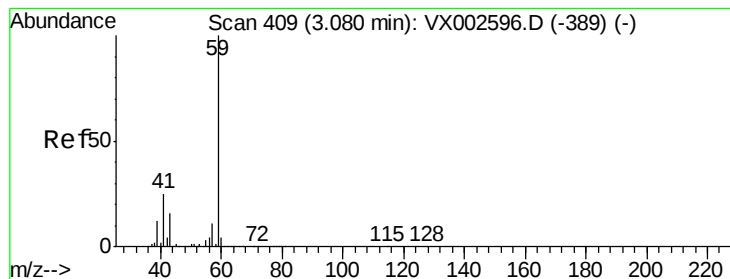
Ion Ratio Lower Upper

142 100

127 46.3 36.6 55.0

141 15.1 11.3 16.9



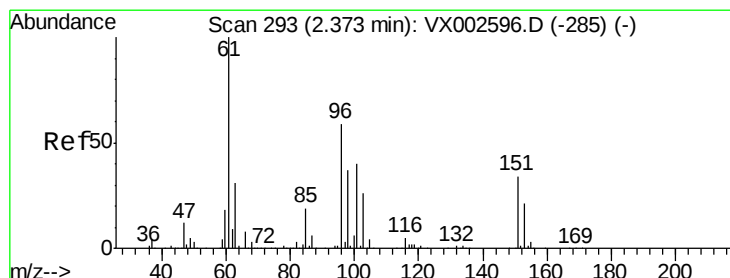
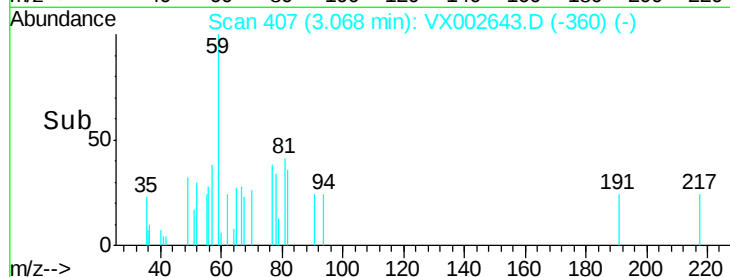
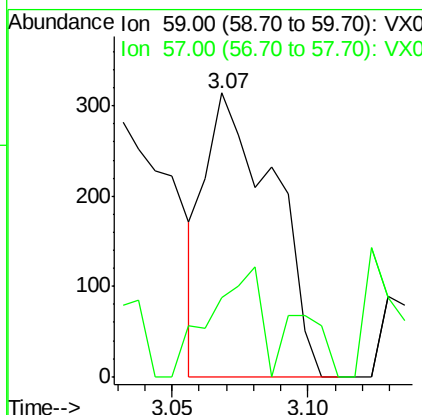
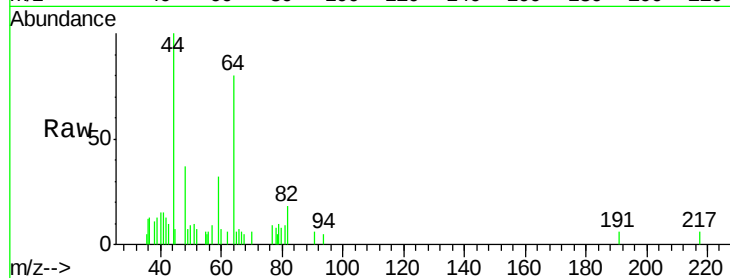


#11

Tert butyl alcohol  
Concen: 0.81 ug/l  
RT: 3.07 min Scan# 407  
Delta R.T. -0.01 min  
Lab File: VX002643.D  
Acq: 16 Jun 2018 12:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
S36-0134

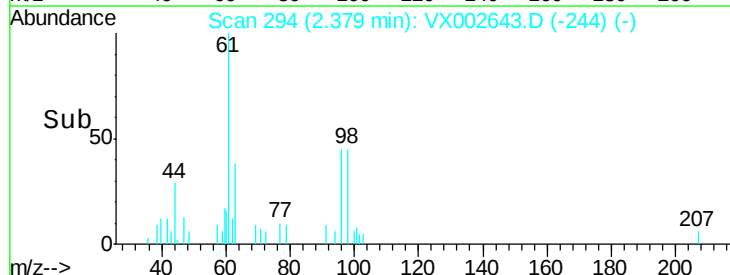
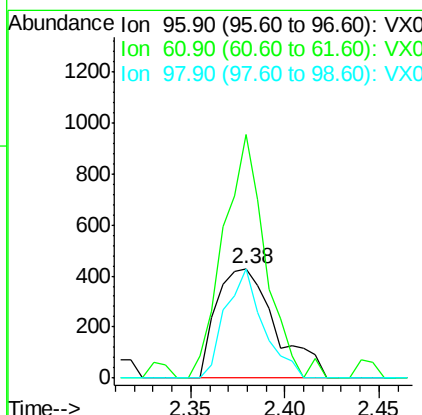
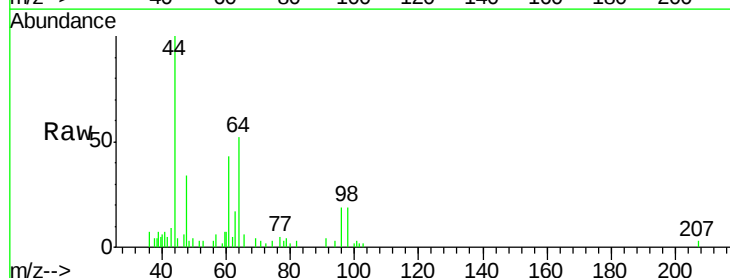
Tot Ion: 59 Resp: 548  
Ion Ratio Lower Upper  
59 100  
57 27.9 8.2 12.2#

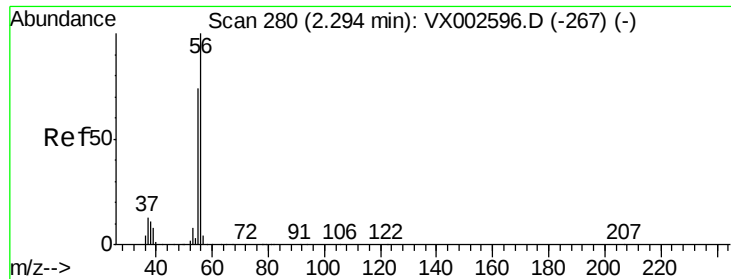


#12

1,1-Dichloroethene  
Concen: 0.39 ug/l  
RT: 2.38 min Scan# 294  
Delta R.T. 0.01 min  
Lab File: VX002643.D  
Acq: 16 Jun 2018 12:56

Tgt Ion: 96 Resp: 932  
Ion Ratio Lower Upper  
96 100  
61 222.9 137.9 206.9#  
98 100.0 51.6 77.4#





#13

Acrolein

Concen: 7.12 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampleId :

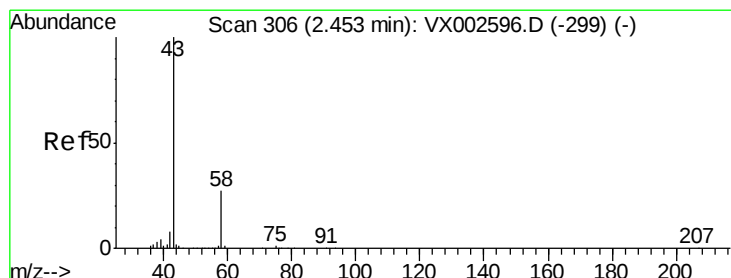
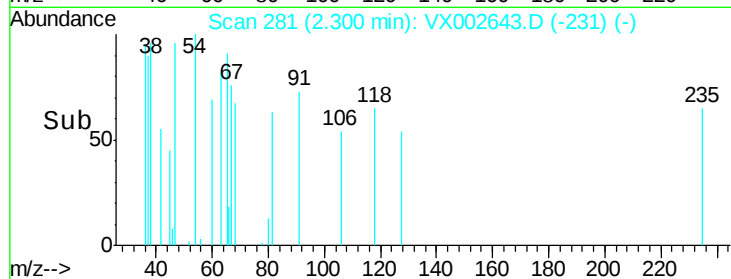
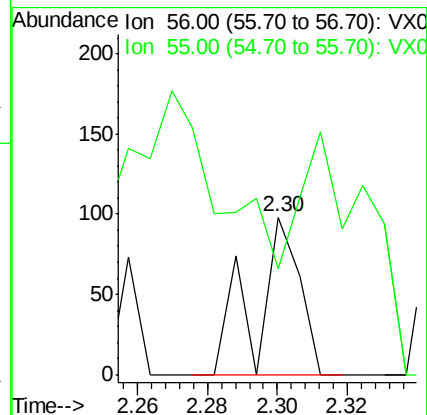
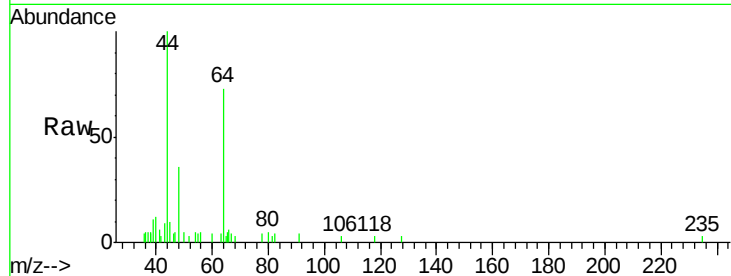
S36-0134

Tot Ion: 56 Resp: 85

Ion Ratio Lower Upper

56 100

55 243.5 57.0 85.4#



#16

Acetone

Concen: 7.83 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002643.D

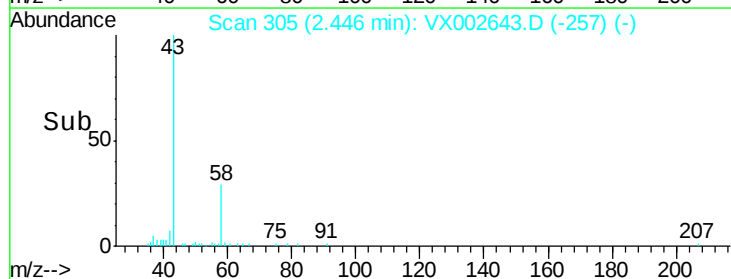
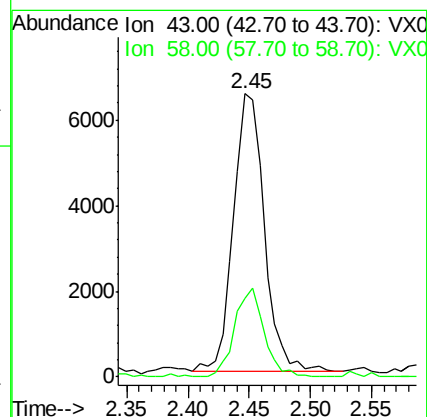
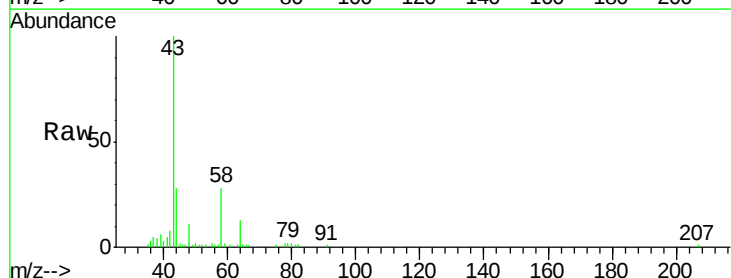
Acq: 16 Jun 2018 12:56

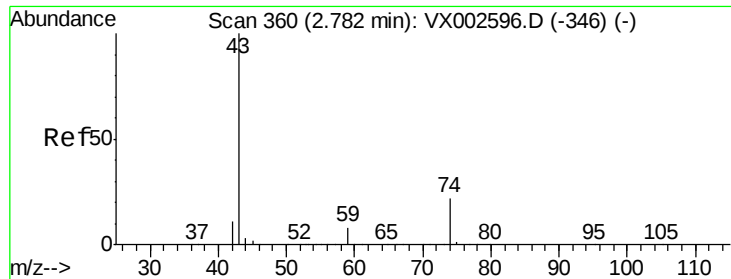
Tgt Ion: 43 Resp: 11296

Ion Ratio Lower Upper

43 100

58 28.4 22.1 33.1

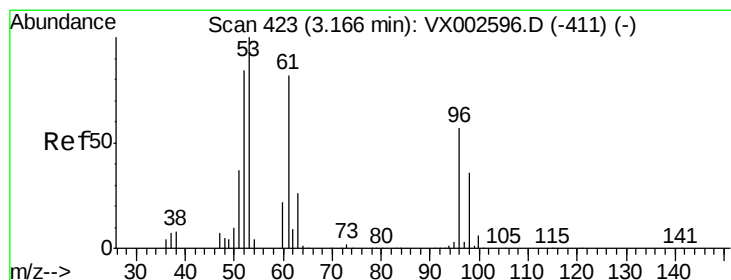
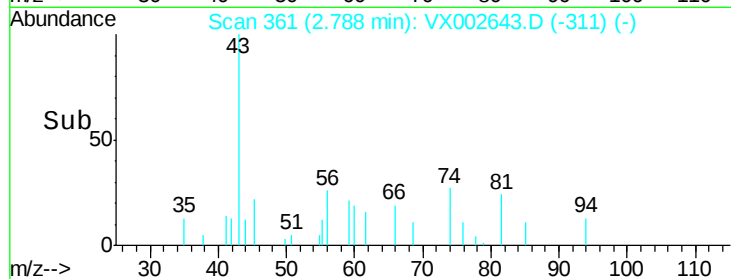
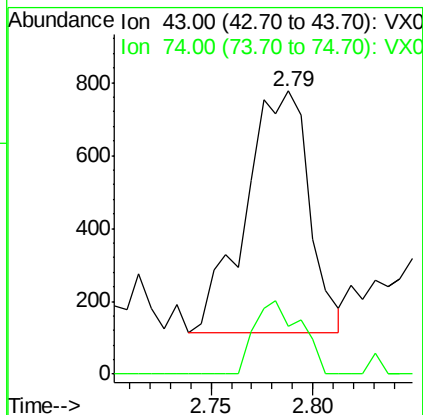
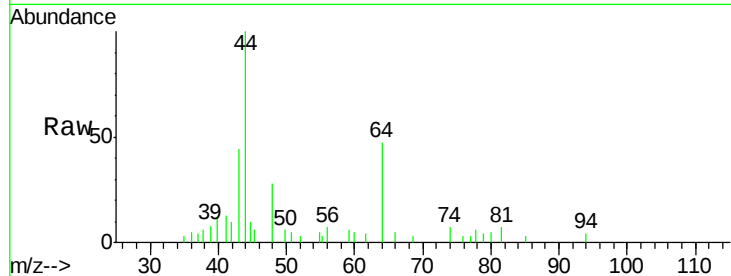




#18  
Methvl Acetate  
Concen: 0.38 ug/l  
RT: 2.79 min Scan# 361  
Delta R.T. 0.01 min  
Lab File: VX002643.D  
Acq: 16 Jun 2018 12:56

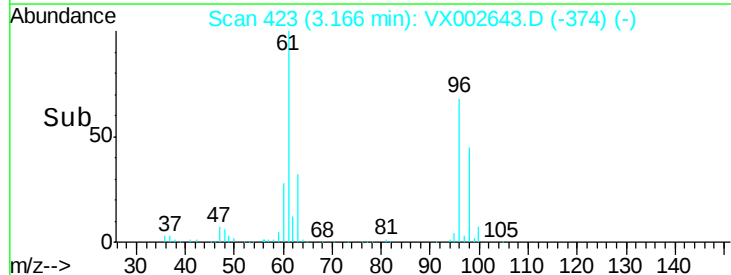
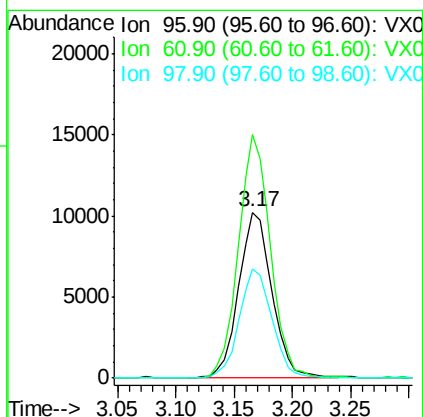
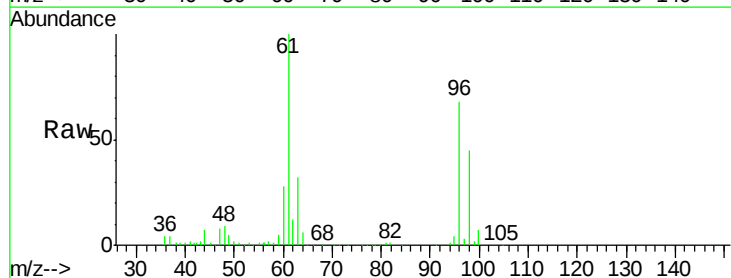
Instrument :  
MSVOA\_X  
ClientSampled :  
S36-0134

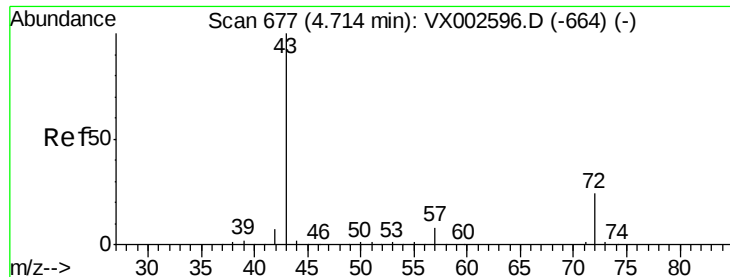
Tot Ion: 43 Resp: 1444  
Ion Ratio Lower Upper  
43 100  
74 22.2 16.7 25.1



#21  
trans-1,2-Dichloroethene  
Concen: 7.82 ug/l  
RT: 3.17 min Scan# 423  
Delta R.T. 0.00 min  
Lab File: VX002643.D  
Acq: 16 Jun 2018 12:56

Tgt Ion: 96 Resp: 20398  
Ion Ratio Lower Upper  
96 100  
61 146.9 117.0 175.4  
98 65.8 52.4 78.6





#25

2-Butanone

Concen: 0.47 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampled :

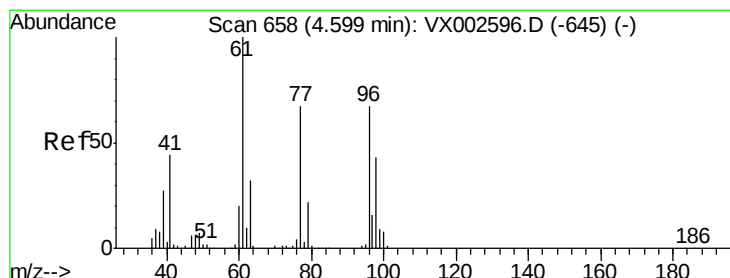
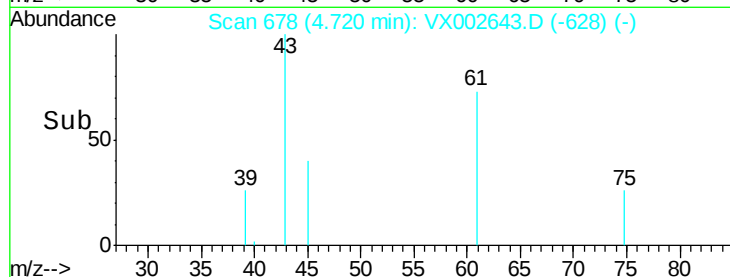
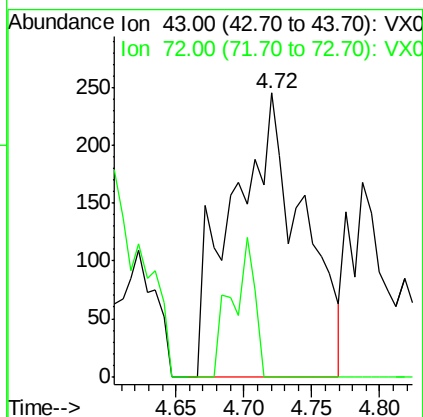
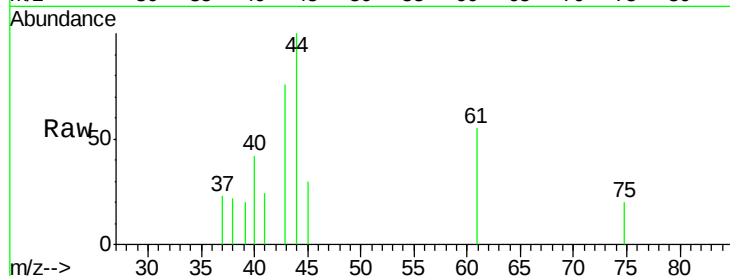
S36-0134

Tot Ion: 43 Resp: 882

Ion Ratio Lower Upper

43 100

72 0.0 18.5 27.7#



#27

cis-1,2-Dichloroethene

Concen: 14.51 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

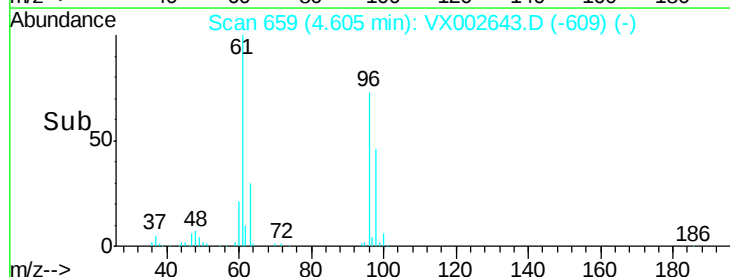
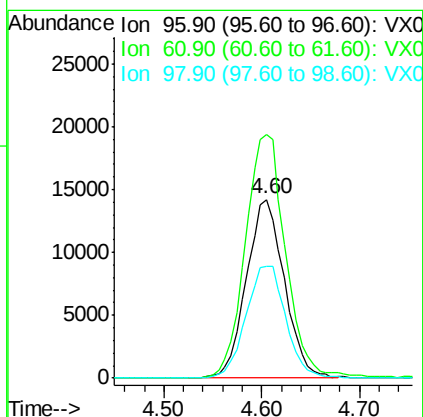
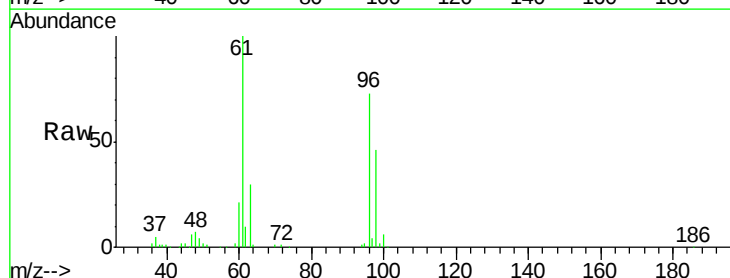
Tgt Ion: 96 Resp: 38531

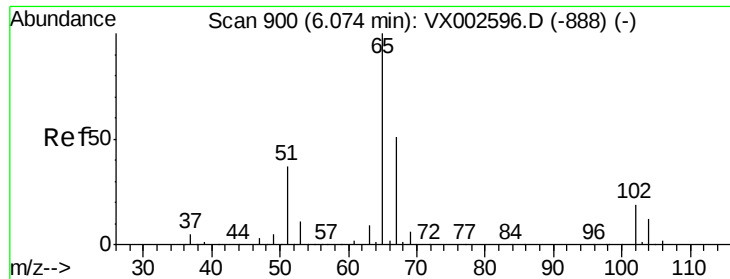
Ion Ratio Lower Upper

96 100

61 144.7 0.0 330.2

98 65.7 0.0 130.2

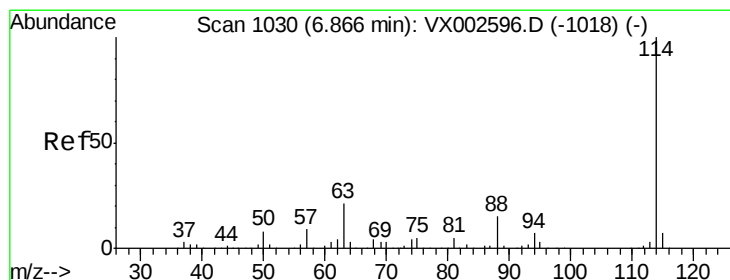
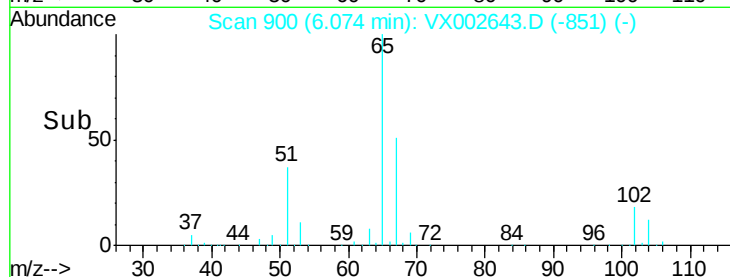
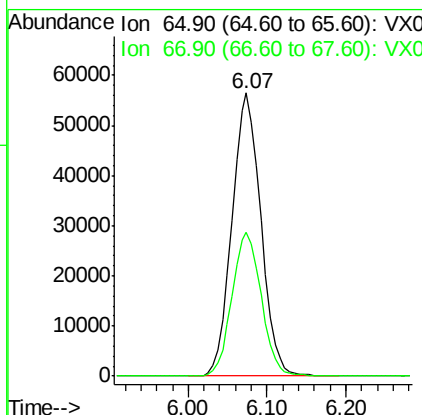
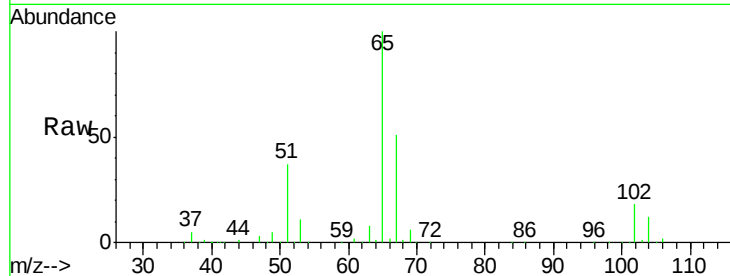




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.01 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VX002643.D  
 Acq: 16 Jun 2018 12:56

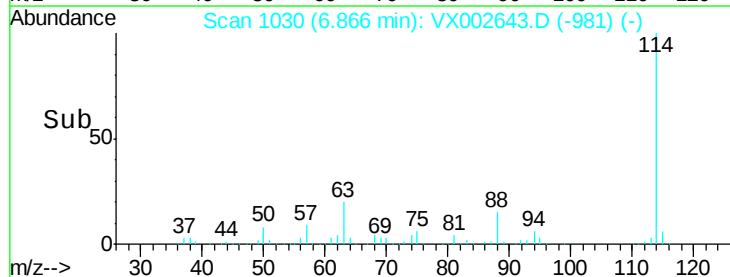
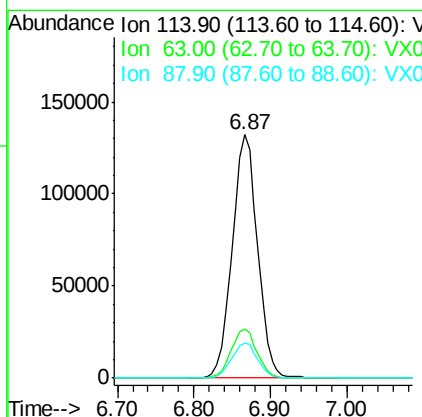
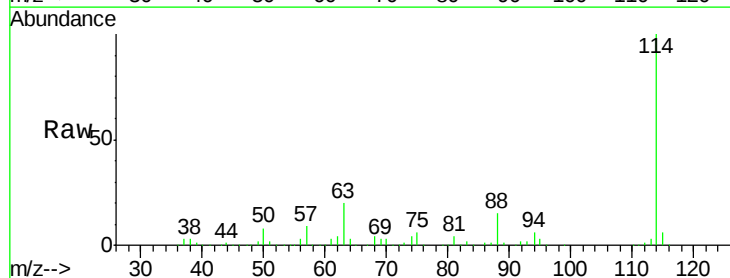
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 S36-0134

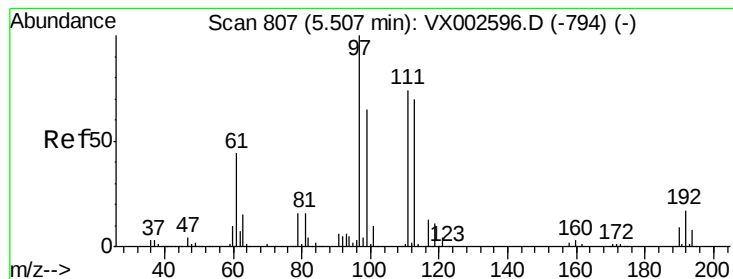
Tot Ion: 65 Resp: 143942  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX002643.D  
 Acq: 16 Jun 2018 12:56

Tgt Ion: 114 Resp: 302391  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 41.4  
 88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 45.82 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampled :

S36-0134

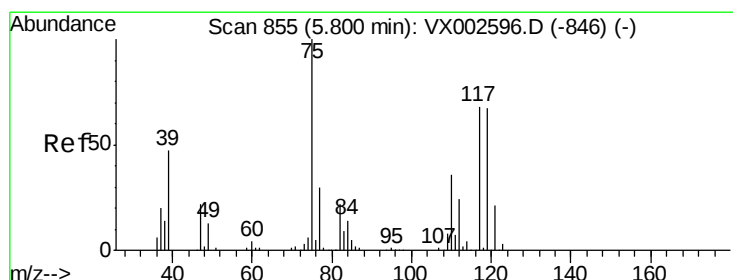
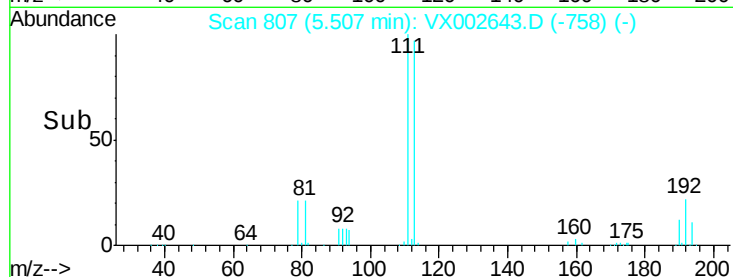
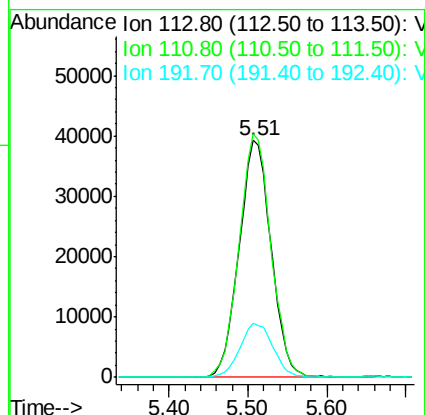
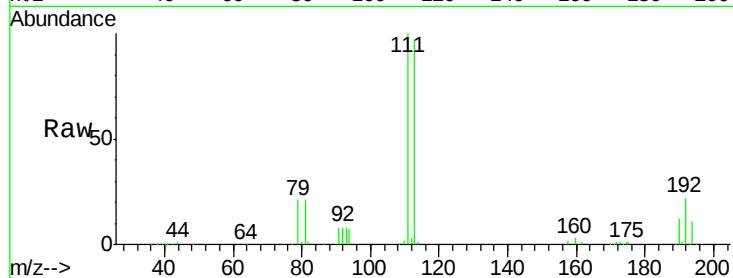
Tot Ion:113 Resp: 110589

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 23.5 19.1 28.7



#36

1,1-Dichloropropene

Concen: 4.71 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

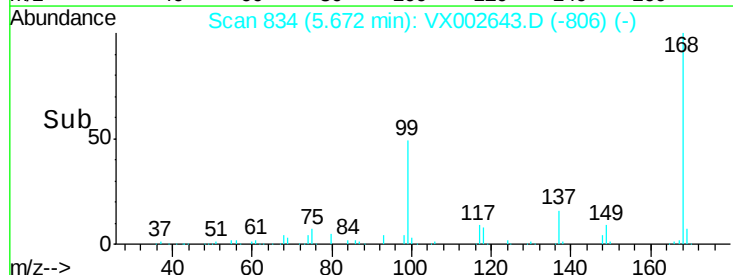
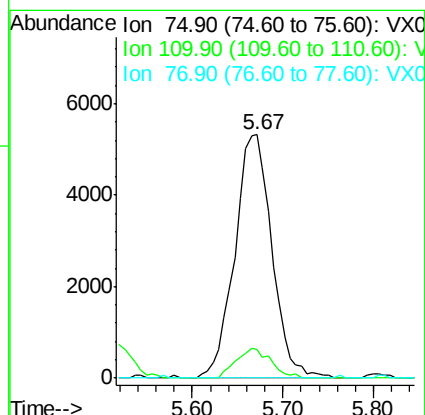
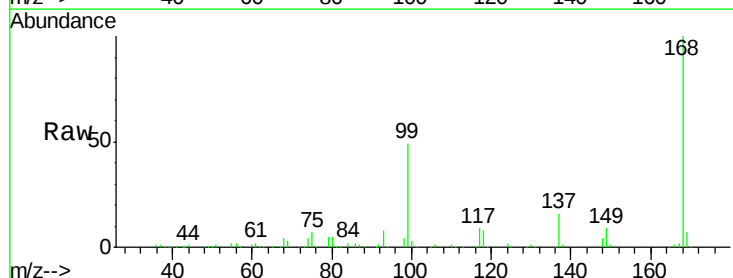
Tgt Ion: 75 Resp: 15112

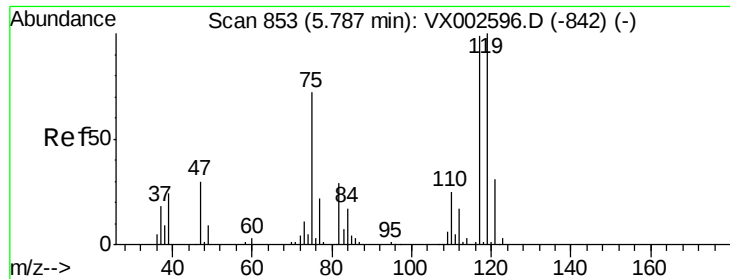
Ion Ratio Lower Upper

75 100

110 11.3 18.1 54.4#

77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.05 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampled :

S36-0134

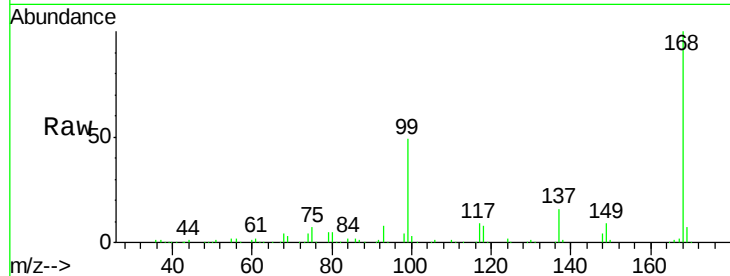
Tot Ion:117 Resp: 19339

Ion Ratio Lower Upper

117 100

119 5.7 77.4 116.0#

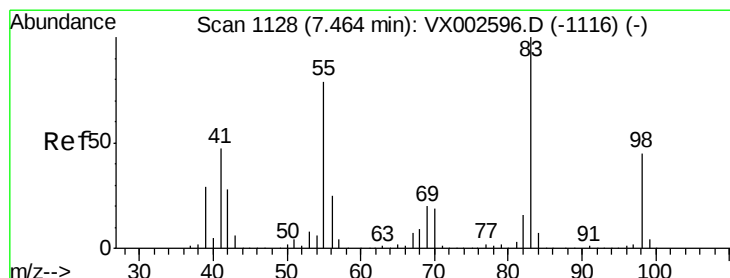
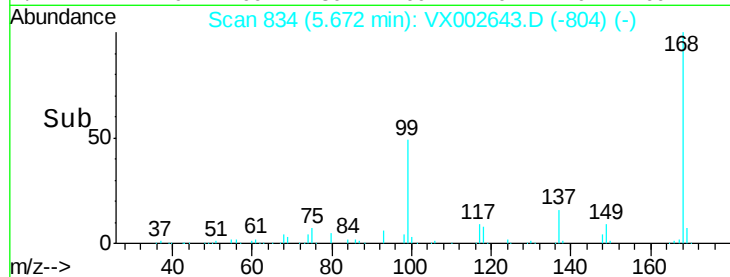
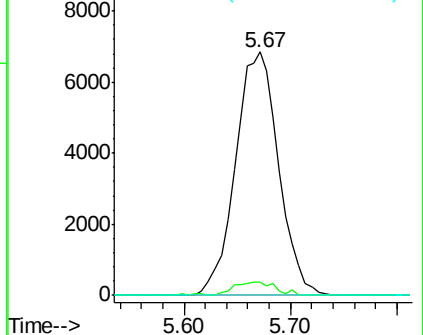
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.24 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

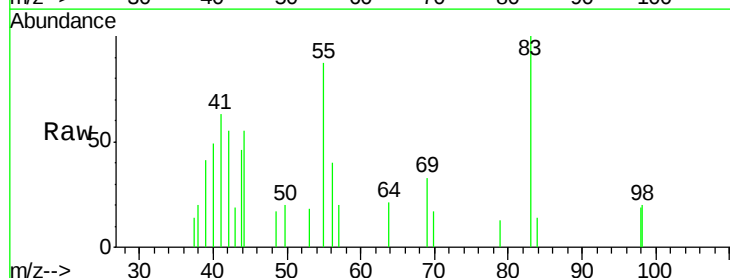
Tgt Ion: 83 Resp: 888

Ion Ratio Lower Upper

83 100

55 87.1 65.4 98.0

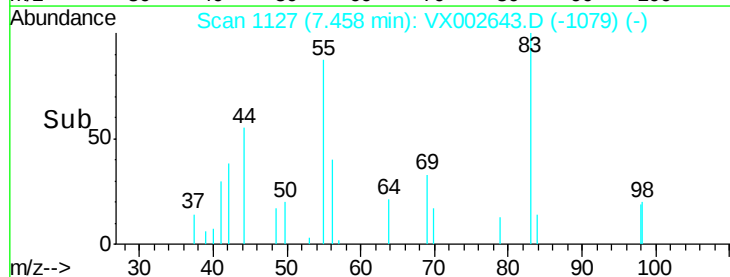
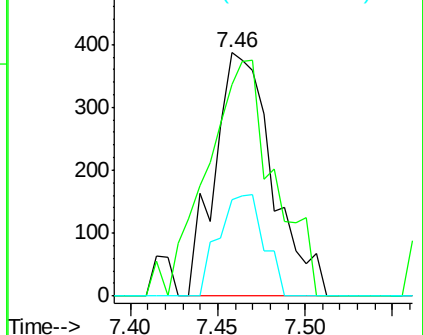
98 39.5 37.4 56.0

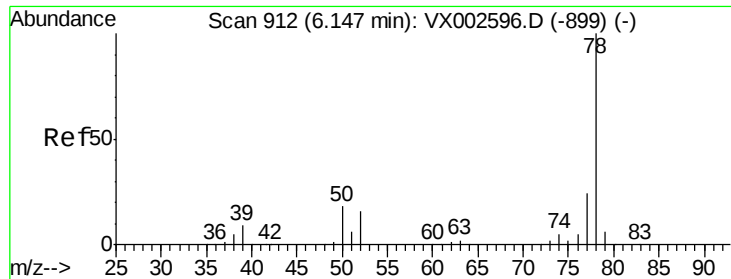


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 2.05 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampled :

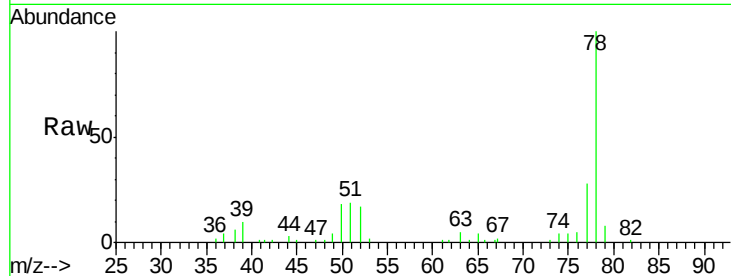
S36-0134

Tot Ion: 78 Resp: 19737

Ion Ratio Lower Upper

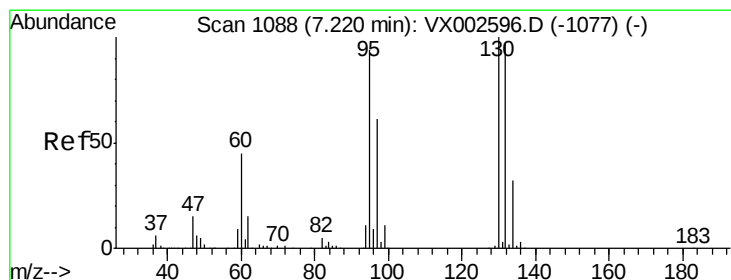
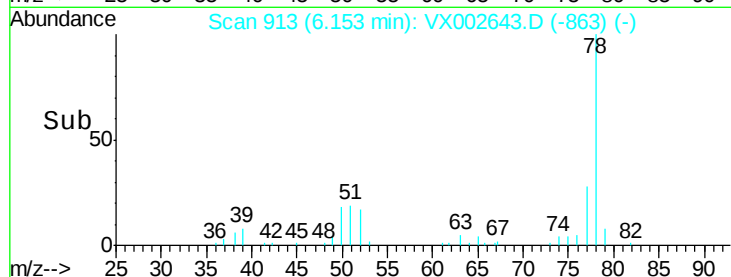
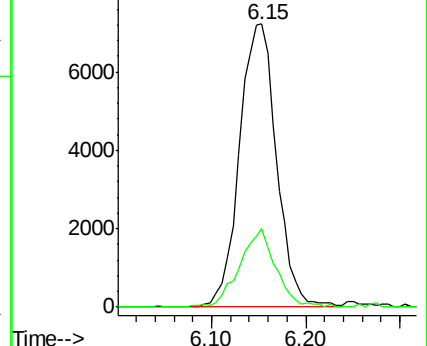
78 100

77 27.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 0.62 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002643.D

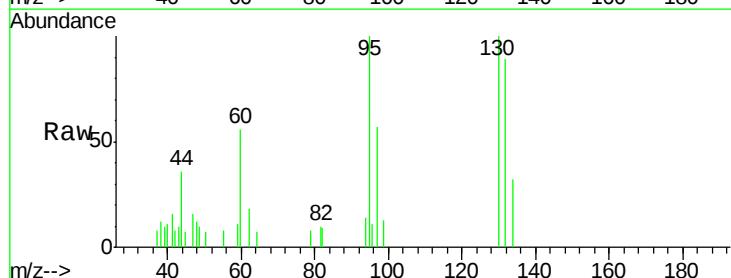
Acq: 16 Jun 2018 12:56

Tgt Ion:130 Resp: 1723

Ion Ratio Lower Upper

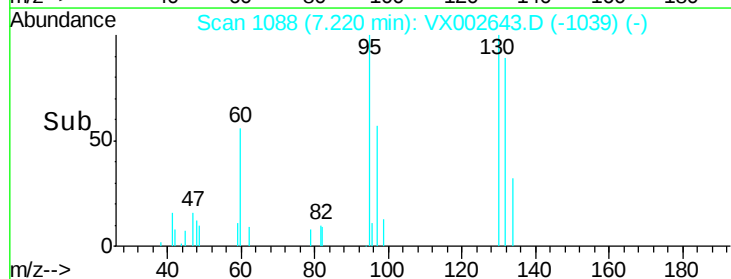
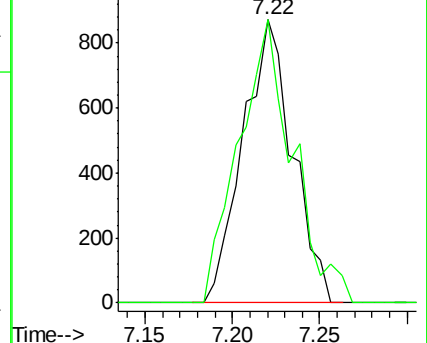
130 100

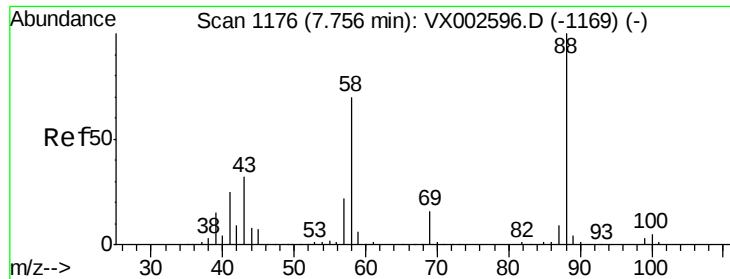
95 100.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

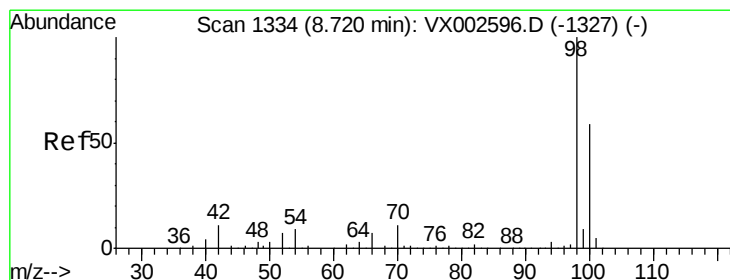
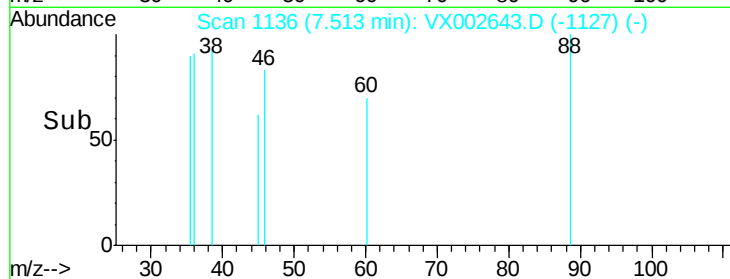
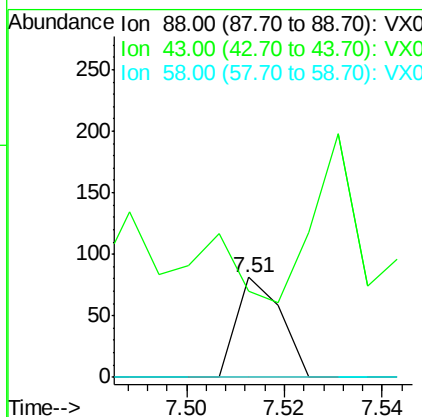
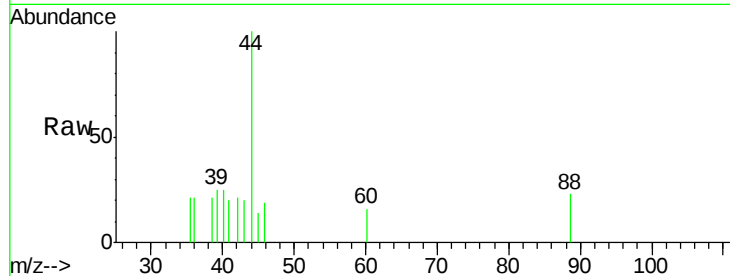




#49  
 1,4-Dioxane  
 Concen: 0.88 ug/l  
 RT: 7.51 min Scan# 1136  
 Delta R.T. -0.24 min  
 Lab File: VX002643.D  
 Acq: 16 Jun 2018 12:56

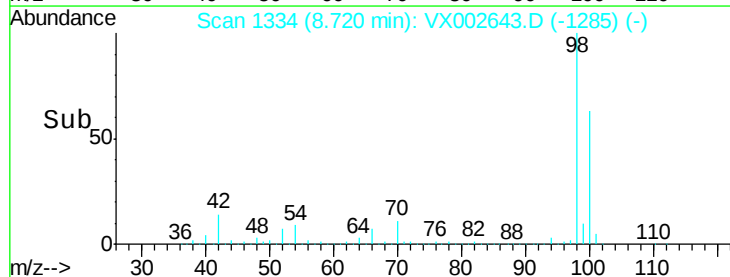
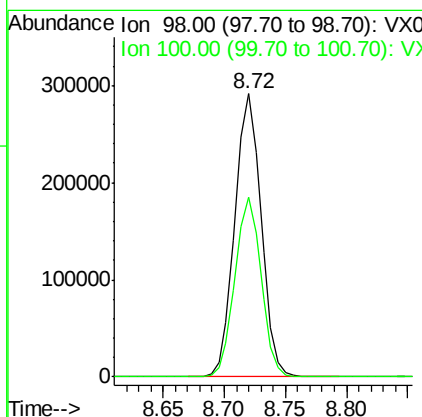
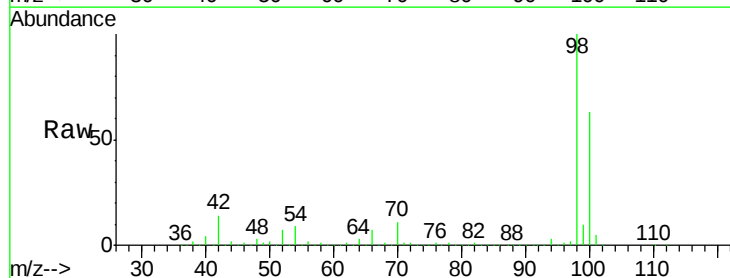
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 S36-0134

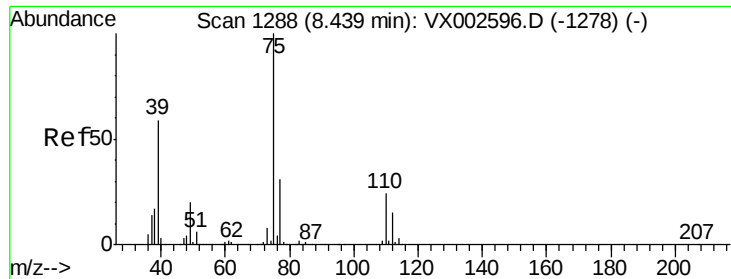
Tot Ion: 88 Resp: 51  
 Ion Ratio Lower Upper  
 88 100  
 43 396.1 29.8 44.6#  
 58 0.0 57.1 85.7#



#50  
 Toluene-d8  
 Concen: 47.36 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: VX002643.D  
 Acq: 16 Jun 2018 12:56

Tgt Ion: 98 Resp: 433942  
 Ion Ratio Lower Upper  
 98 100  
 100 63.3 50.9 76.3

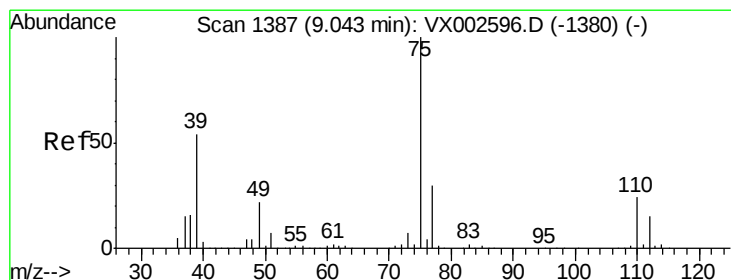
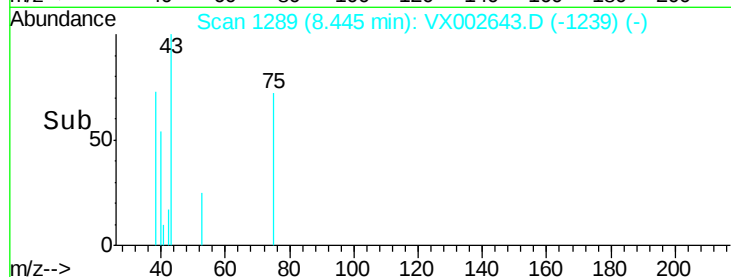
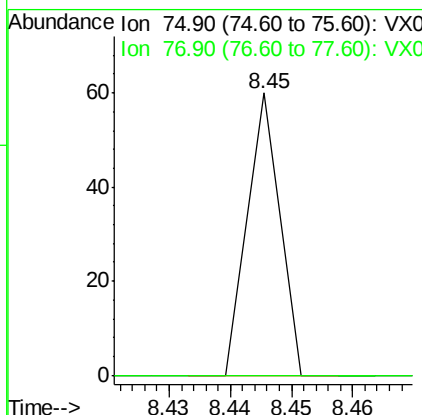
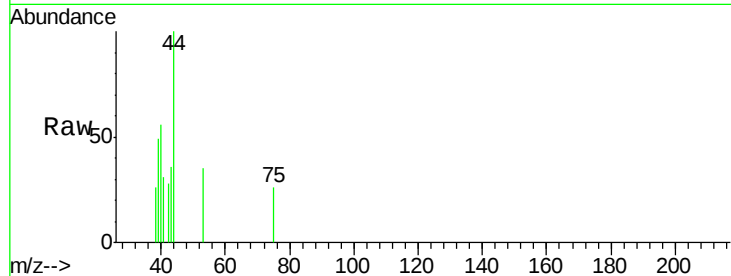




#53  
 t-1,3-Dichloropropene  
 Concen: 2.40 ug/l  
 RT: 8.45 min Scan# 1289  
 Delta R.T. 0.01 min  
 Lab File: VX002643.D  
 Acq: 16 Jun 2018 12:56

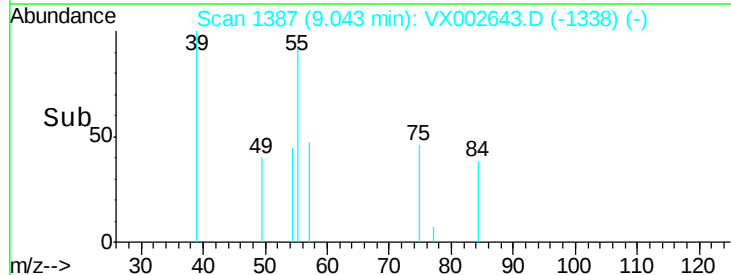
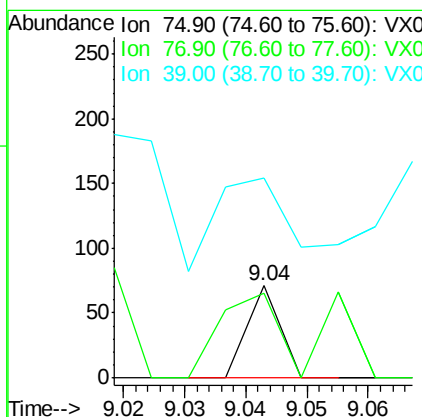
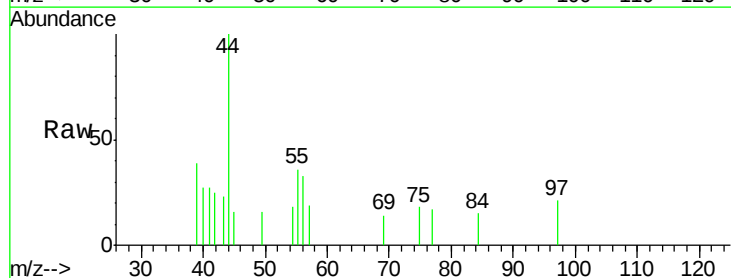
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S36-0134

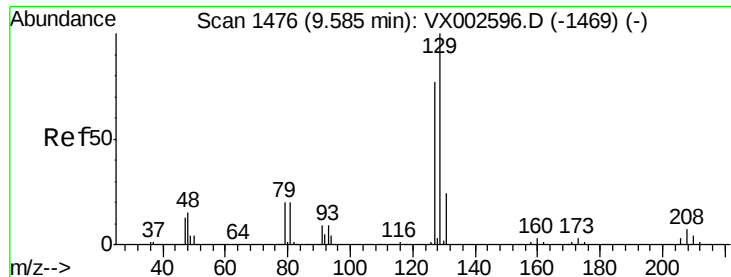
Tot Ion: 75 Resp: 22  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.4 38.2#



#54  
 cis-1,3-Dichloropropene  
 Concen: 3.22 ug/l  
 RT: 9.04 min Scan# 1387  
 Delta R.T. 0.00 min  
 Lab File: VX002643.D  
 Acq: 16 Jun 2018 12:56

Tgt Ion: 75 Resp: 26  
 Ion Ratio Lower Upper  
 75 100  
 77 91.5 24.8 37.2#  
 39 101.4 42.4 63.6#

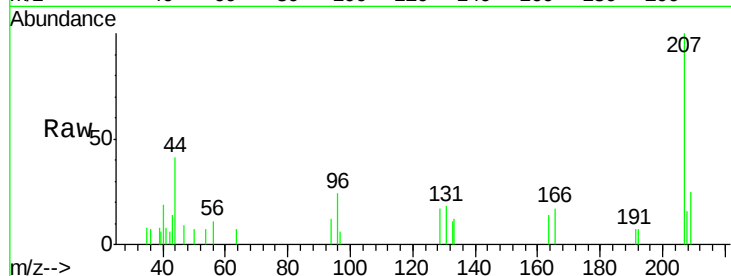




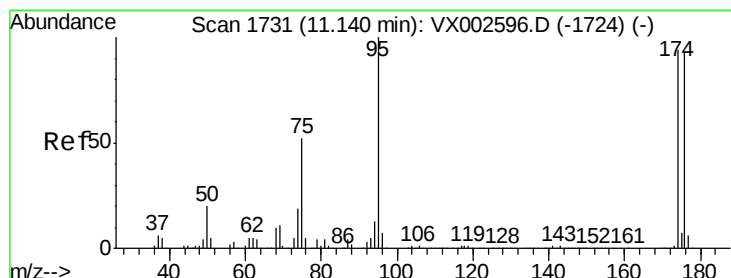
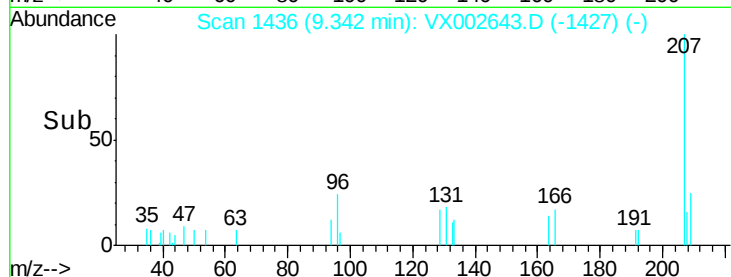
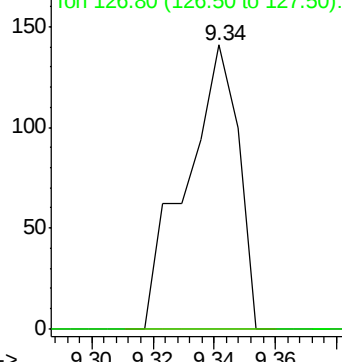
#60  
 Dibromochloromethane  
 Concen: 3.82 ug/l  
 RT: 9.34 min Scan# 1436  
 Delta R.T. -0.24 min  
 Lab File: VX002643.D  
 Acq: 16 Jun 2018 12:56

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S36-0134

Tot Ion:129 Resp: 168  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 38.5 115.3#

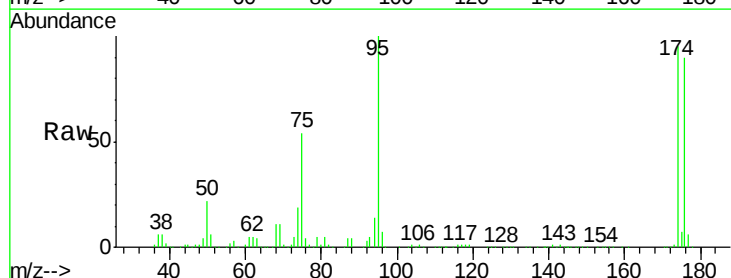


Abundance Ion 128.80 (128.50 to 129.50): V  
 Ion 126.80 (126.50 to 127.50): V

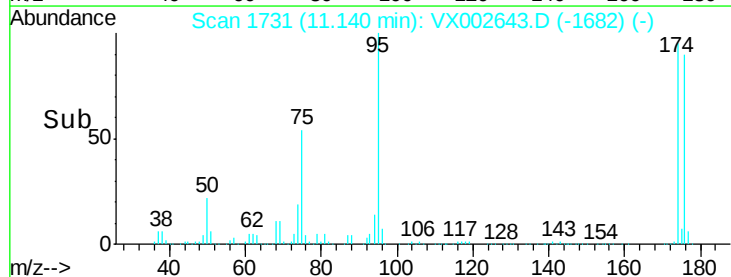
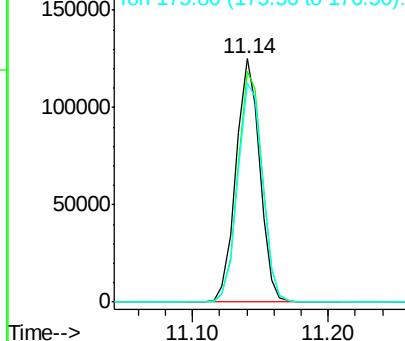


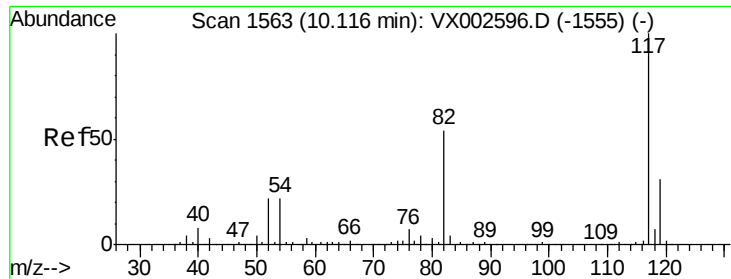
#62  
 4-Bromofluorobenzene  
 Concen: 43.83 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.00 min  
 Lab File: VX002643.D  
 Acq: 16 Jun 2018 12:56

Tgt Ion: 95 Resp: 152208  
 Ion Ratio Lower Upper  
 95 100  
 174 97.8 0.0 187.4  
 176 93.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0  
 Ion 173.80 (173.50 to 174.50): V  
 Ion 175.80 (175.50 to 176.50): V

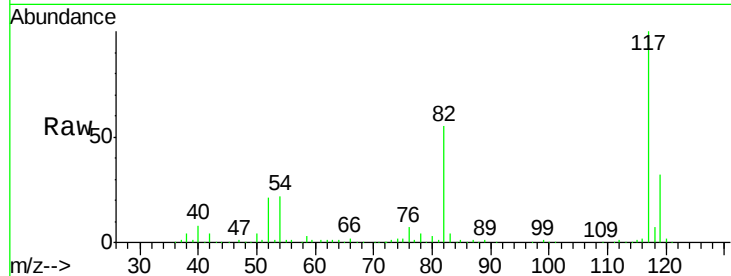




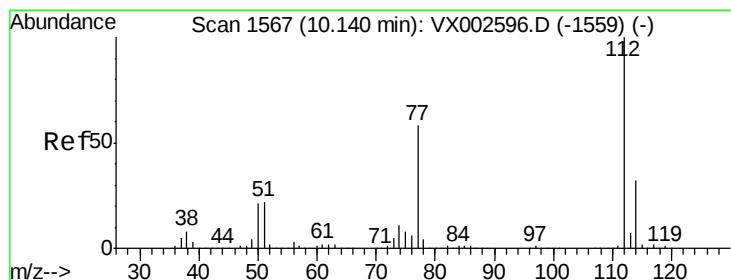
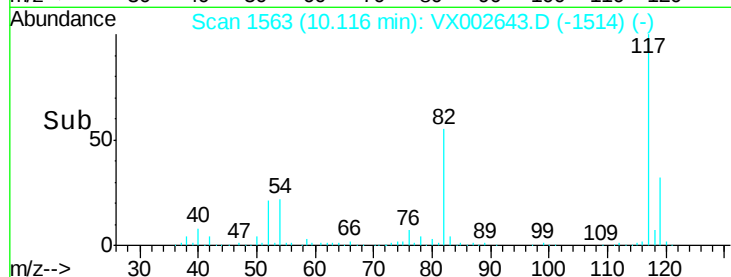
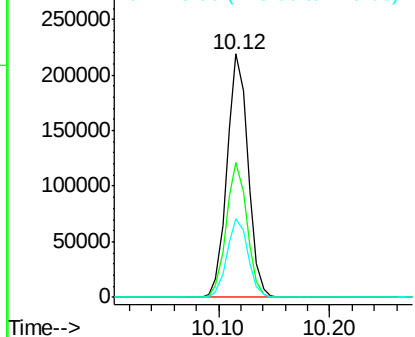
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX002643.D  
Acq: 16 Jun 2018 12:56

Instrument :  
MSVOA\_X  
ClientSampled :  
S36-0134

Tot Ion:117 Resp: 285171  
Ion Ratio Lower Upper  
117 100  
82 55.2 45.0 67.4  
119 32.4 25.8 38.6

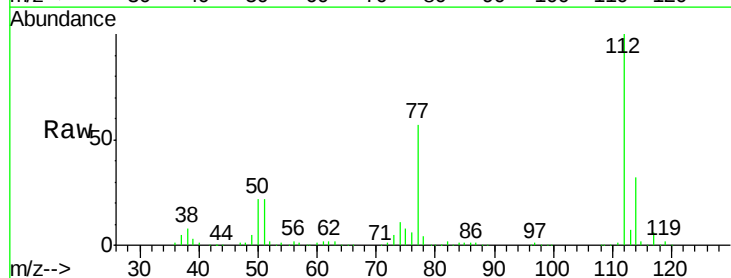


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

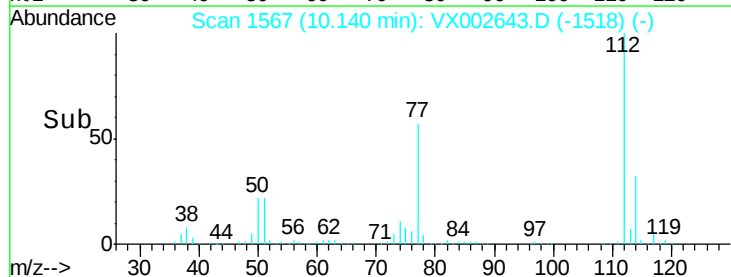
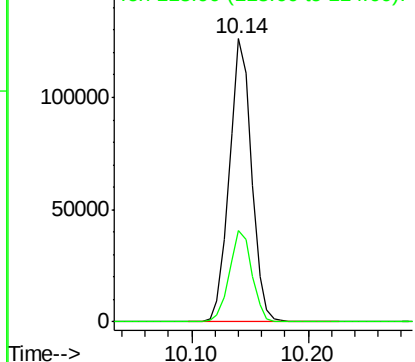


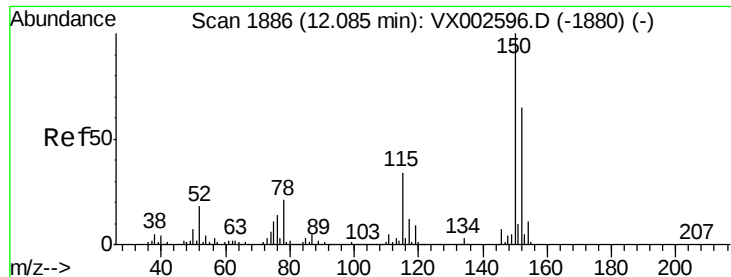
#65  
Chlorobenzene  
Concen: 23.87 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX002643.D  
Acq: 16 Jun 2018 12:56

Tgt Ion:112 Resp: 167184  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampled :

S36-0134

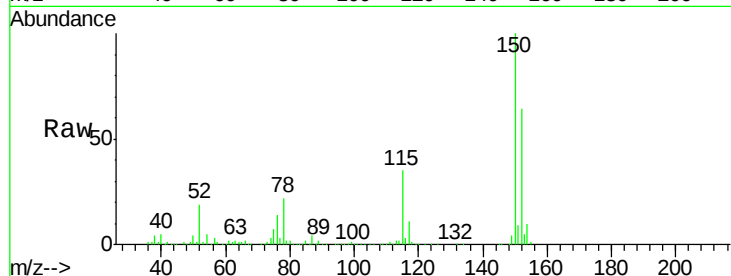
Tot Ion:152 Resp: 163166

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

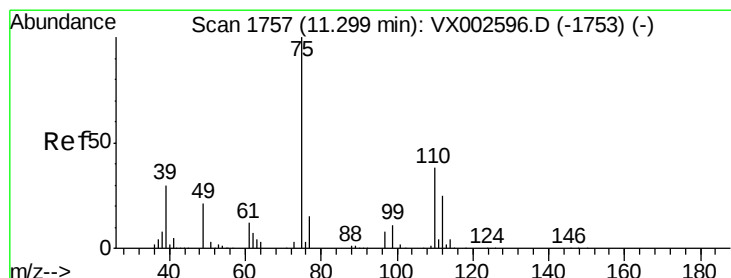
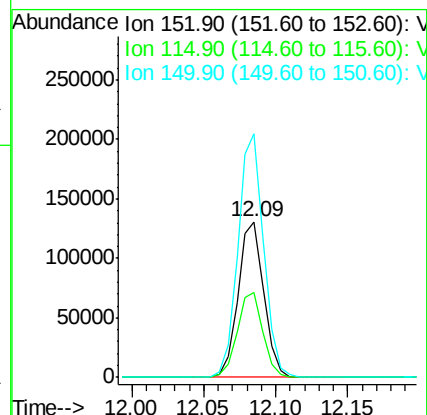
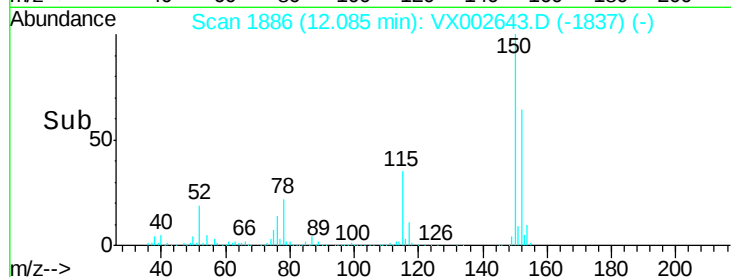
150 156.2 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 26.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002643.D

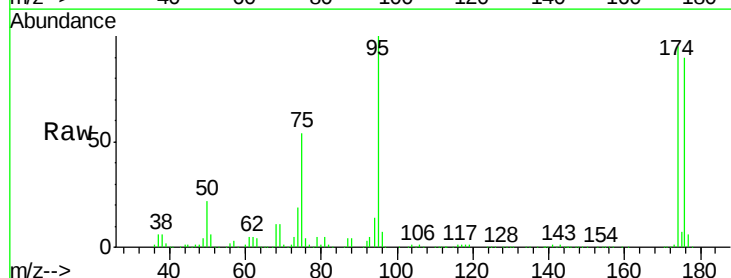
Acq: 16 Jun 2018 12:56

Tgt Ion: 75 Resp: 82827

Ion Ratio Lower Upper

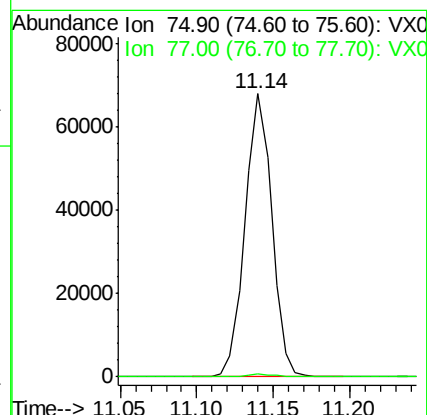
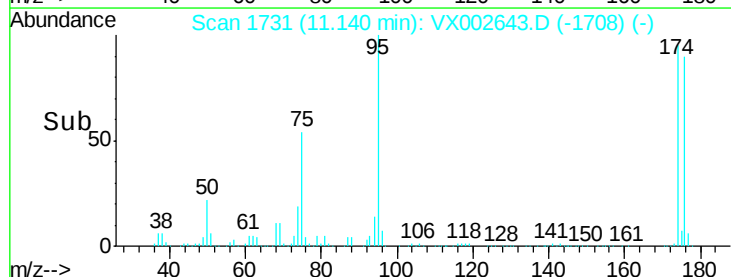
75 100

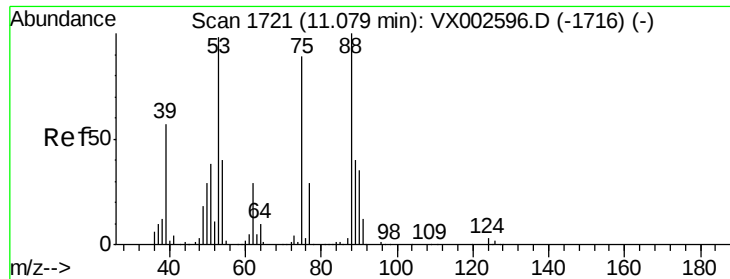
77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 83.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampled :

S36-0134

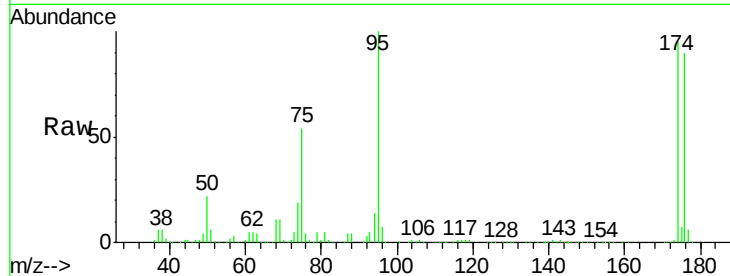
Tot Ion: 75 Resp: 82827

Ion Ratio Lower Upper

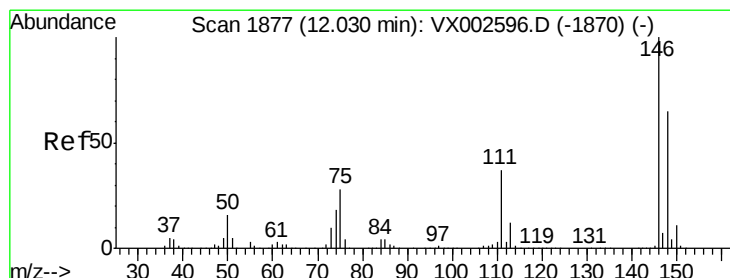
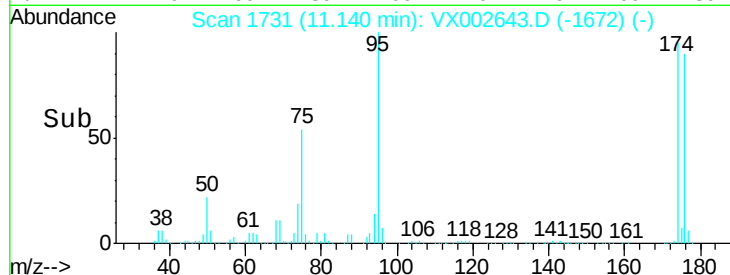
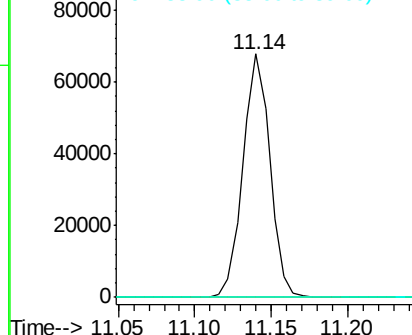
75 100

53 0.0 86.8 130.2#

89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0



#87

1,3-Dichlorobenzene

Concen: 0.36 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

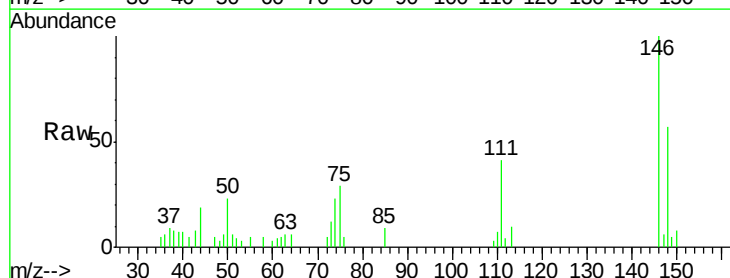
Tgt Ion: 146 Resp: 2013

Ion Ratio Lower Upper

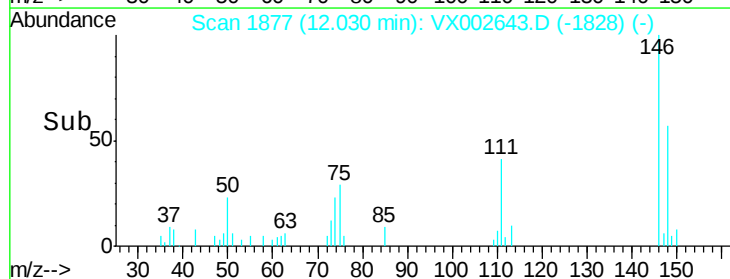
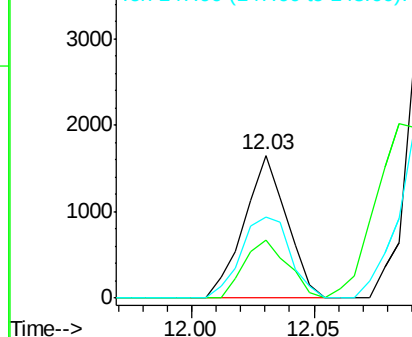
146 100

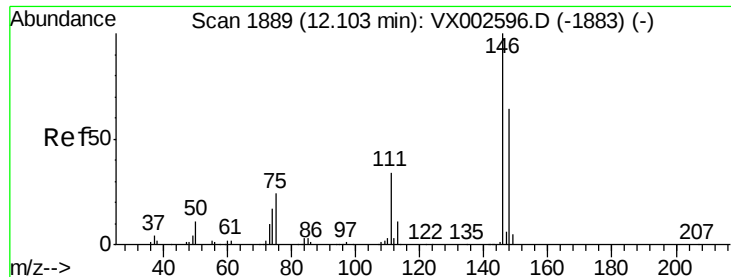
111 41.5 18.9 56.7

148 65.3 32.1 96.3



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

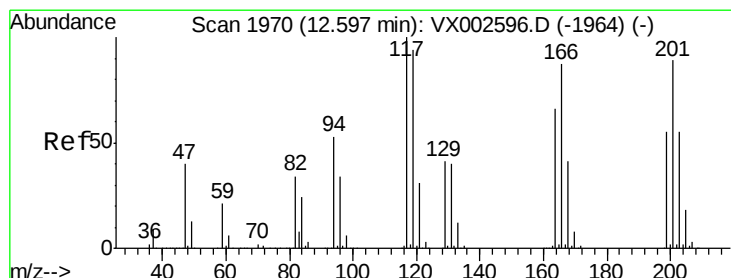
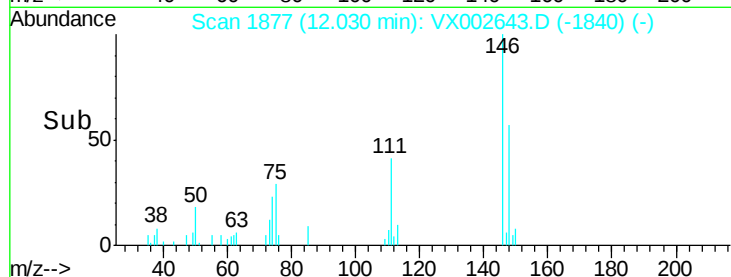
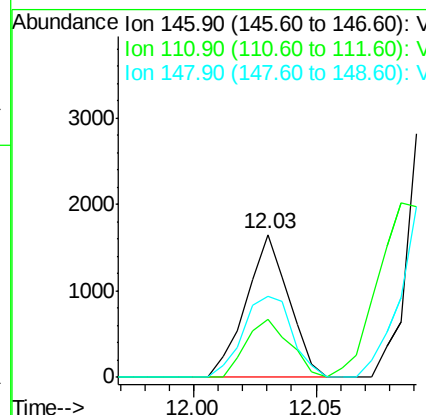
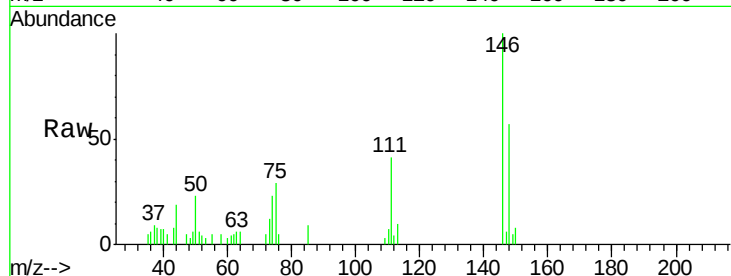




#88  
 1,4-Dichlorobenzene  
 Concen: 0.35 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.07 min  
 Lab File: VX002643.D  
 Acq: 16 Jun 2018 12:56

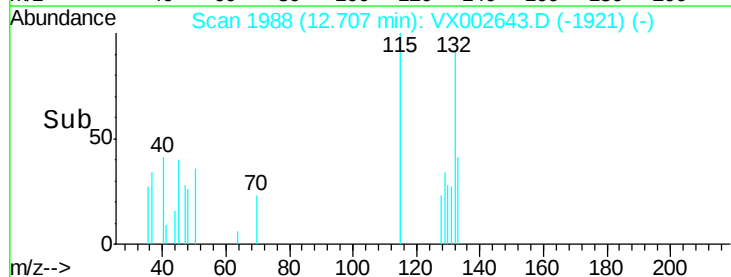
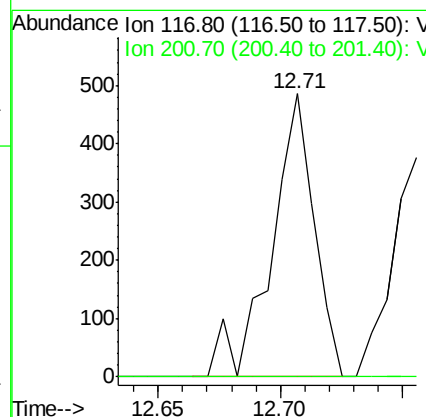
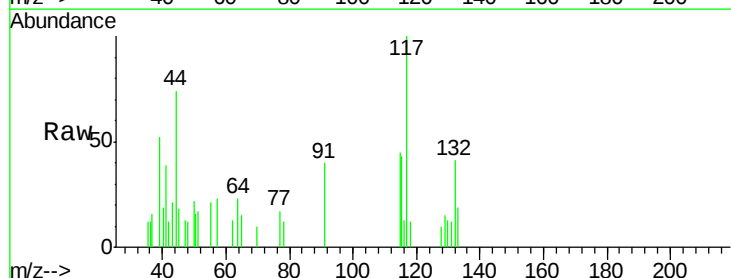
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S36-0134

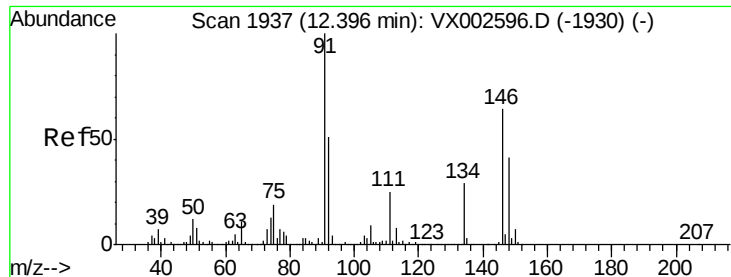
Tot Ion:146 Resp: 2013  
 Ion Ratio Lower Upper  
 146 100  
 111 41.5 18.7 56.1  
 148 65.3 32.4 97.0



#90  
 Hexachloroethane  
 Concen: 2.99 ug/l  
 RT: 12.71 min Scan# 1988  
 Delta R.T. 0.11 min  
 Lab File: VX002643.D  
 Acq: 16 Jun 2018 12:56

Tgt Ion:117 Resp: 595  
 Ion Ratio Lower Upper  
 117 100  
 201 0.0 49.0 147.0#





#91

1,2-Dichlorobenzene

Concen: 1.68 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002643.D

Acq: 16 Jun 2018 12:56

Instrument :

MSVOA\_X

ClientSampleId :

S36-0134

Tot Ion:146 Resp: 9410

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.1

148 66.8 31.7 95.1

