

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\  
 Data File : VX007306.D  
 Acq On : 30 Jan 2019 11:25  
 Operator : JC/SP  
 Sample : PB116701TB  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB116701TB

Quant Time: Jan 31 00:21:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 552506   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 845951   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 814955   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 391189   | 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   | 292405   | 50.64 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.28% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 266849   | 49.26 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.52%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 1039148  | 52.40 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.80% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 367033   | 53.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.18% |          |

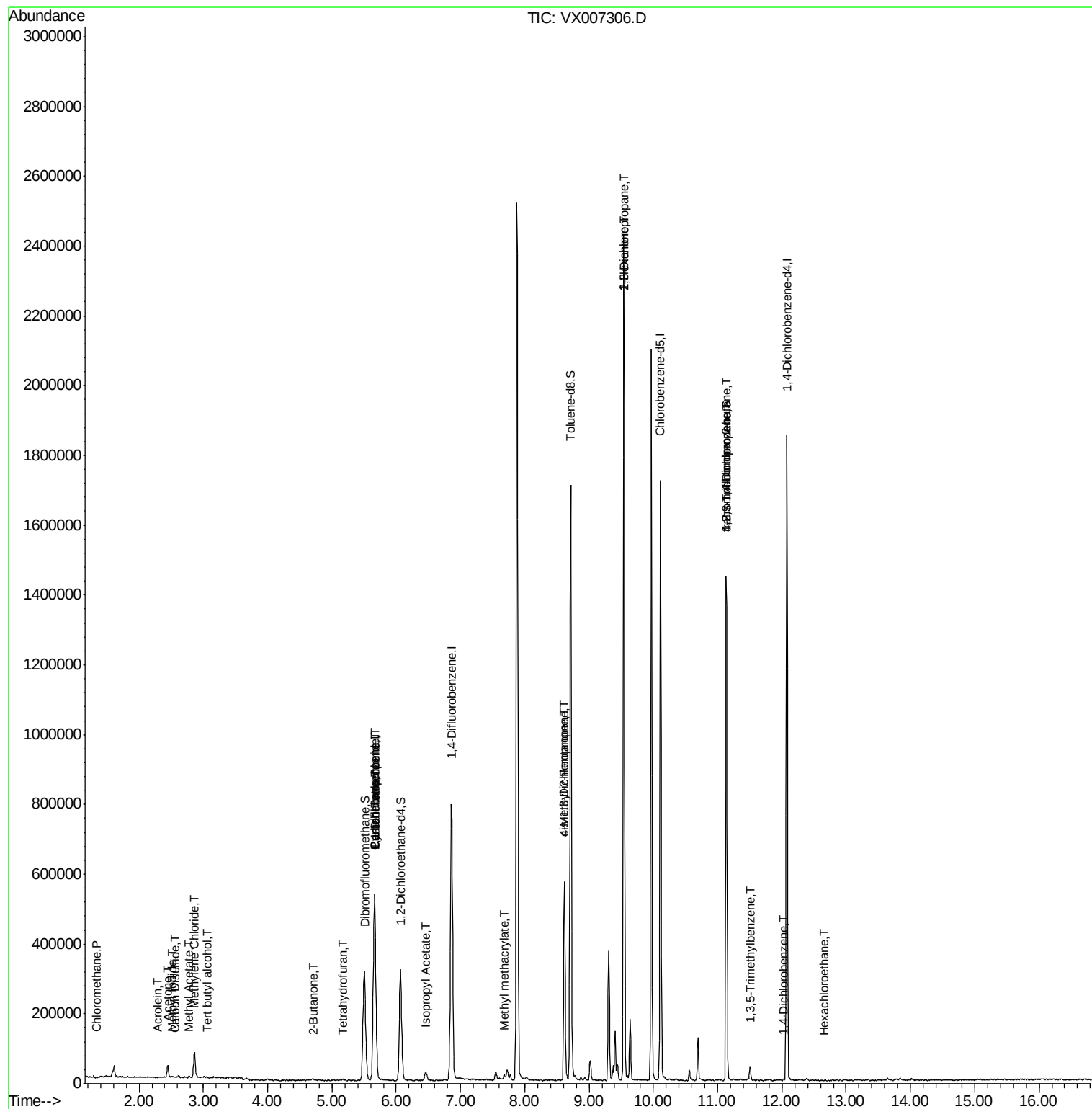
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.33  | 50   | 1118     | 0.212     | ug/l # | 82     |
| 10) Methyl Iodide              | 2.51  | 142  | 1999     | 0.270     | ug/l # | 89     |
| 11) Tert butyl alcohol         | 3.06  | 59   | 815      | 0.598     | ug/l # | 52     |
| 13) Acrolein                   | 2.29  | 56   | 365      | 3.698     | ug/l   | 90     |
| 16) Acetone                    | 2.45  | 43   | 35618    | 12.478    | ug/l   | 96     |
| 17) Carbon Disulfide           | 2.57  | 76   | 2708     | 0.207     | ug/l   | 97     |
| 18) Methyl Acetate             | 2.78  | 43   | 3984     | 0.482     | ug/l   | 93     |
| 20) Methylene Chloride         | 2.86  | 84   | 34700    | 5.892     | ug/l   | 91     |
| 25) 2-Butanone                 | 4.70  | 43   | 9063     | 2.219     | ug/l   | 98     |
| 29) Tetrahydrofuran            | 5.16  | 42   | 3136     | 1.181     | ug/l   | 87     |
| 31) Cyclohexane                | 5.67  | 56   | 9205     | 1.130     | ug/l # | 26     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 34871    | 4.741     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 49825    | 6.733     | ug/l # | 15     |
| 43) Isopropyl Acetate          | 6.46  | 43   | 32920    | 2.647     | ug/l   | 96     |
| 48) Methyl methacrylate        | 7.68  | 41   | 16740    | 2.621     | ug/l # | 12     |
| 49) 1,4-Dioxane                | 7.74  | 88   | 81       | Below Cal | #      | 27     |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 181525   | 22.710    | ug/l # | 48     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75   | 88872    | 10.753    | ug/l # | 64     |
| 57) 1,3-Dichloropropane        | 9.54  | 76   | 19883    | 2.102     | ug/l # | 44     |
| 59) 2-Hexanone                 | 9.54  | 43   | 264284   | 43.388    | ug/l # | 51     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 173253   | 21.855    | ug/l # | 40     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 16782    | 0.728     | ug/l   | 96     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 173253   | 64.749    | ug/l # | 10     |
| 88) 1,4-Dichlorobenzene        | 12.02 | 146  | 1039     | 0.225     | ug/l   | 78     |
| 90) Hexachloroethane           | 12.66 | 117  | 51       | 2.920     | ug/l   | 53     |

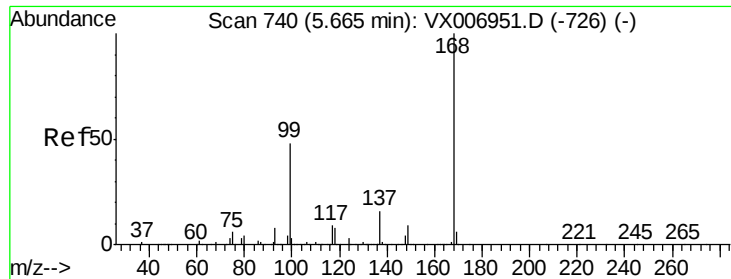
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PB116701TB

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Quant Title : SW846 8260  
QLast Update : Tue Jan 08 14:06:59 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

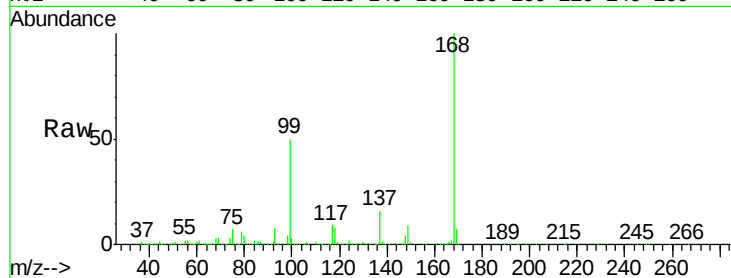
PB116701TB

Tot Ion:168 Resp: 552506

Ion Ratio Lower Upper

168 100

99 49.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

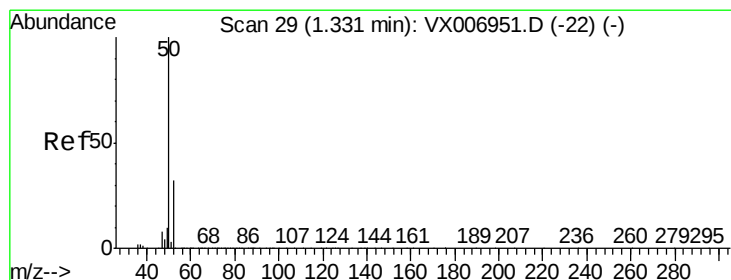
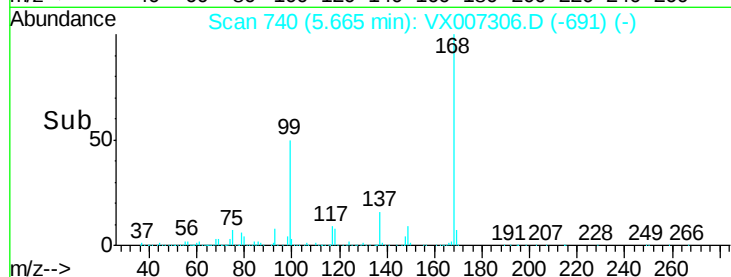
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.212 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007306.D

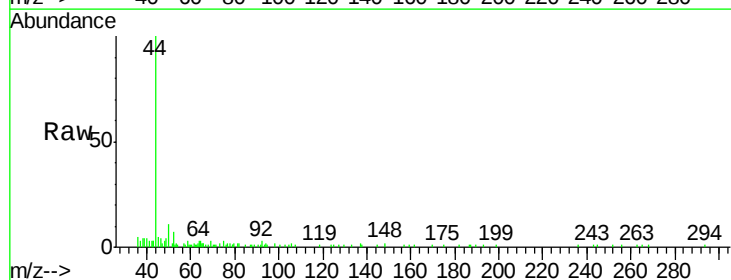
Acq: 30 Jan 2019 11:25

Tgt Ion: 50 Resp: 1118

Ion Ratio Lower Upper

50 100

52 41.9 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

600

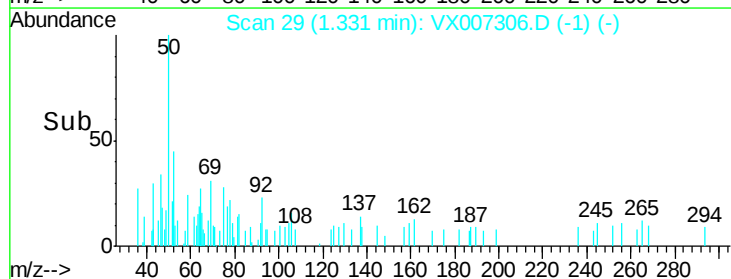
400

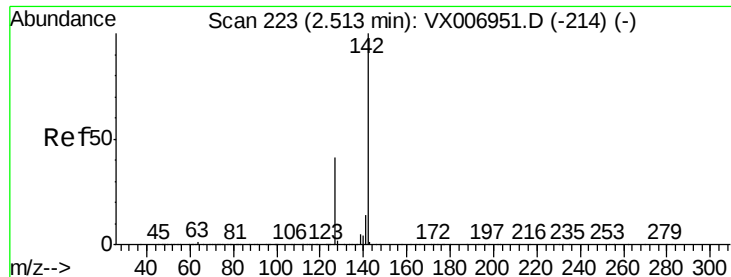
200

0

Time-->

1.30 1.35

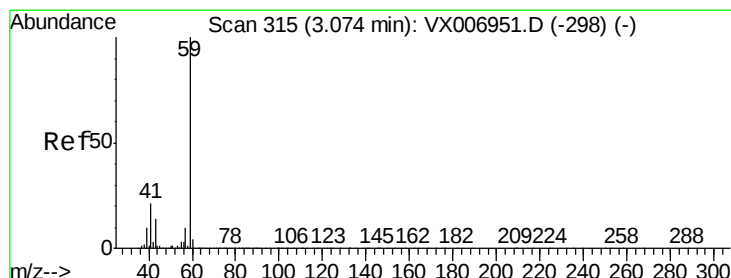
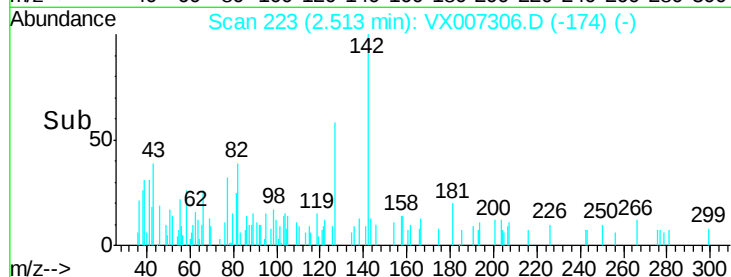
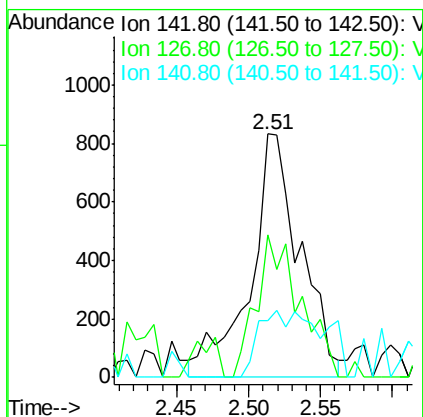
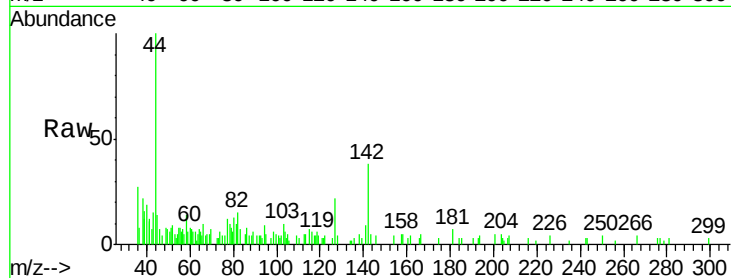




#10  
Methyl Iodide  
Concen: 0.270 ug/l  
RT: 2.51 min Scan# 223  
Delta R.T. -0.00 min  
Lab File: VX007306.D  
Acq: 30 Jan 2019 11:25

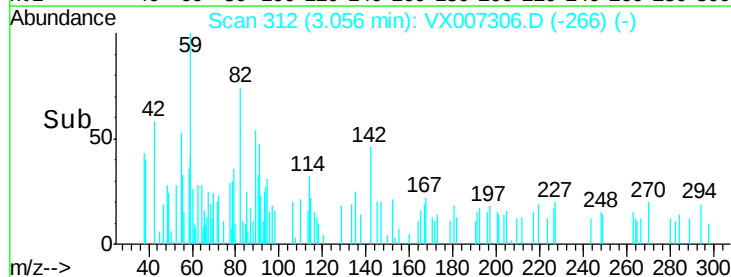
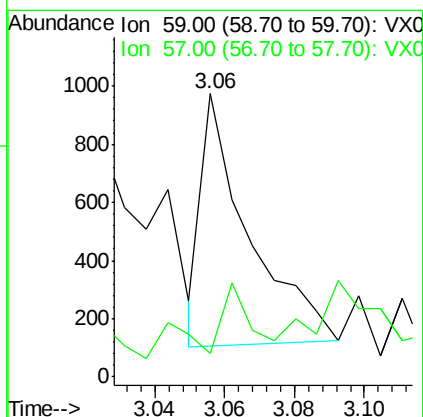
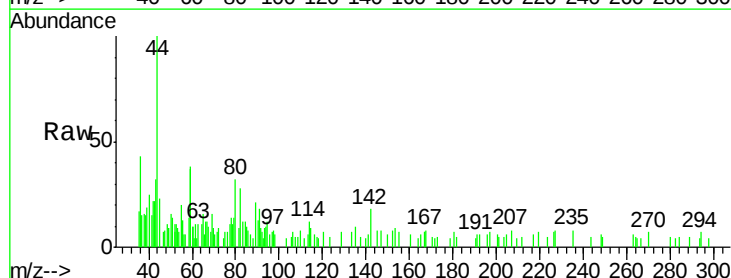
Instrument :  
MSVOA\_X  
ClientSampled :  
PB116701TB

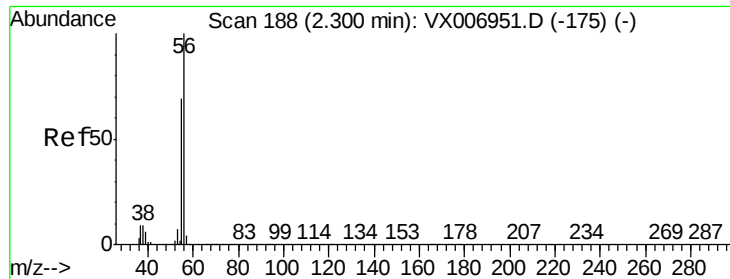
Tot Ion:142 Resp: 1999  
Ion Ratio Lower Upper  
142 100  
127 51.5 33.9 50.9#  
141 15.5 11.4 17.0



#11  
Tert butyl alcohol  
Concen: 0.598 ug/l  
RT: 3.06 min Scan# 312  
Delta R.T. -0.02 min  
Lab File: VX007306.D  
Acq: 30 Jan 2019 11:25

Tgt Ion: 59 Resp: 815  
Ion Ratio Lower Upper  
59 100  
57 28.7 8.5 12.7#

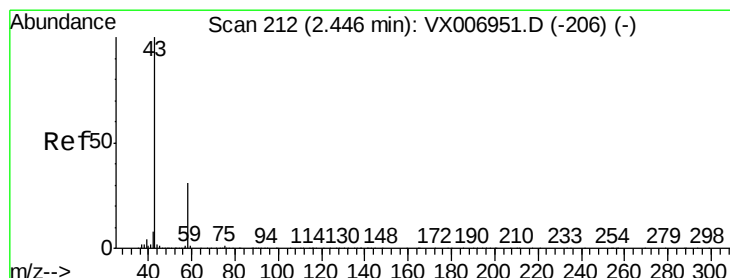
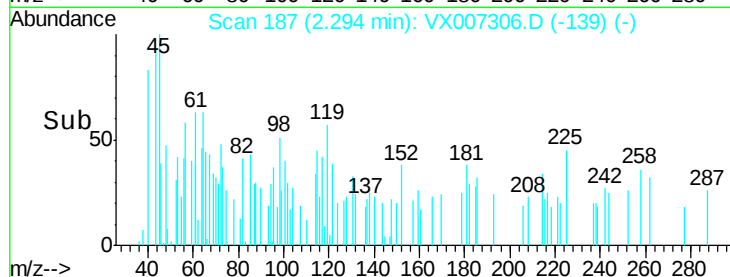
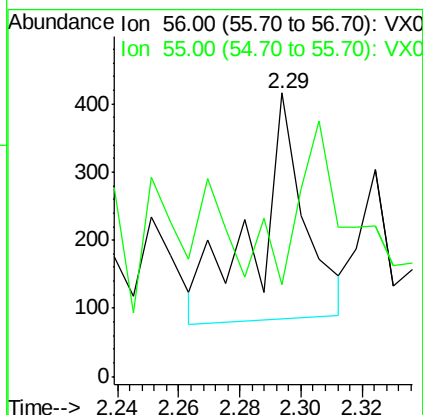
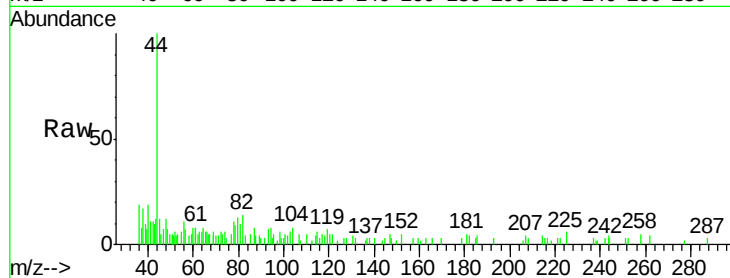




#13  
Acrolein  
Concen: 3.698 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. -0.01 min  
Lab File: VX007306.D  
Acq: 30 Jan 2019 11:25

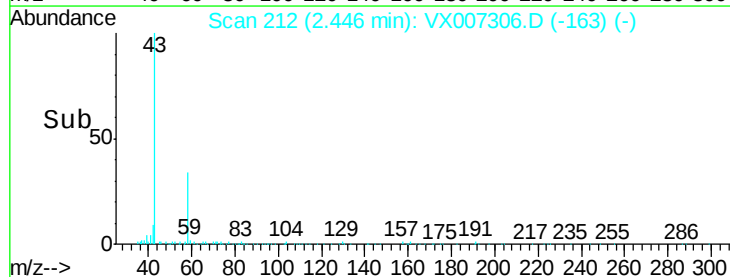
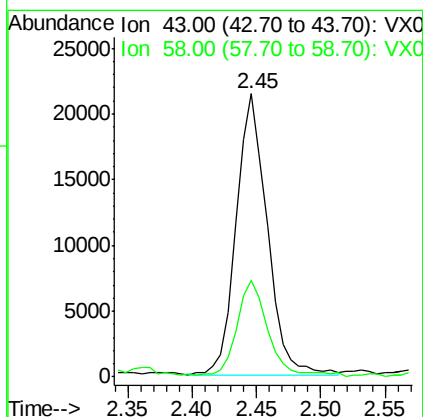
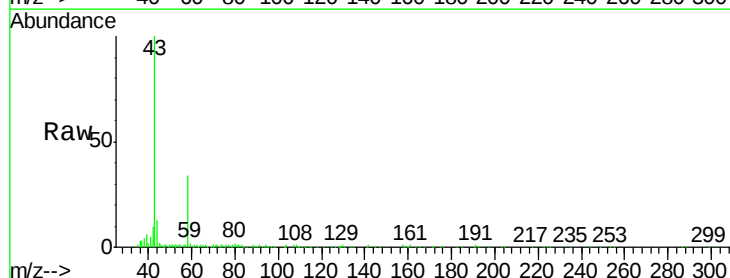
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB116701TB

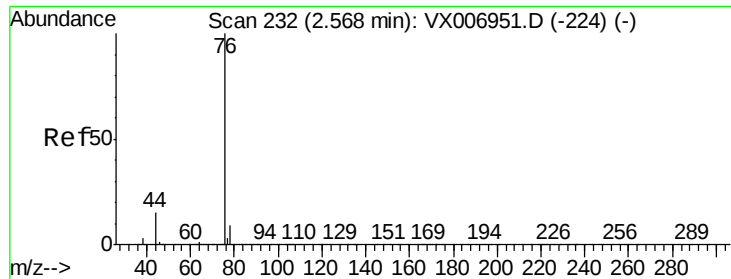
Tot Ion: 56 Resp: 365  
Ion Ratio Lower Upper  
56 100  
55 81.4 58.2 87.4



#16  
Acetone  
Concen: 12.478 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX007306.D  
Acq: 30 Jan 2019 11:25

Tgt Ion: 43 Resp: 35618  
Ion Ratio Lower Upper  
43 100  
58 33.3 25.0 37.6





#17

Carbon Disulfide

Concen: 0.207 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

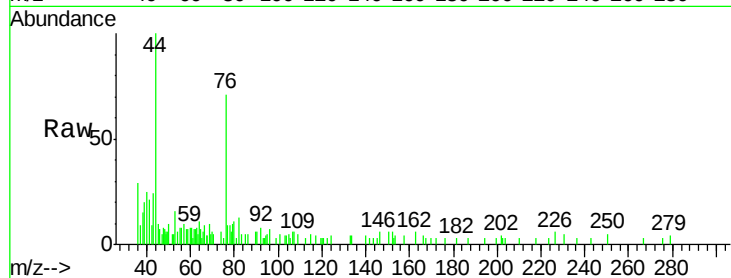
PB116701TB

Tot Ion: 76 Resp: 2708

Ion Ratio Lower Upper

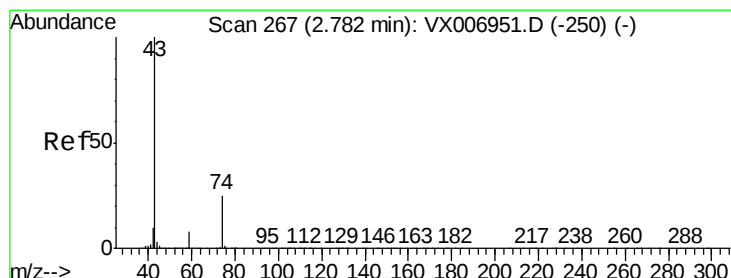
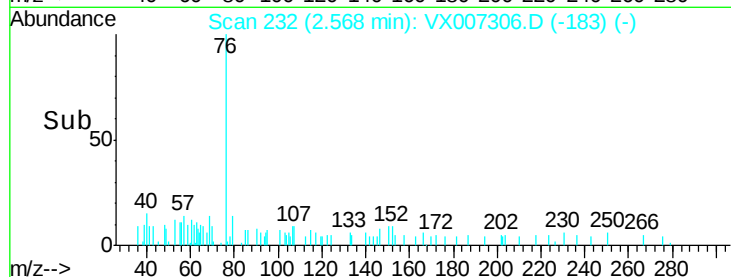
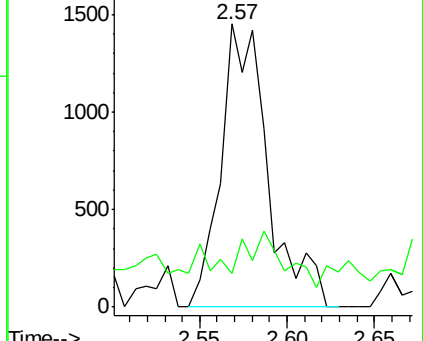
76 100

78 7.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.482 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007306.D

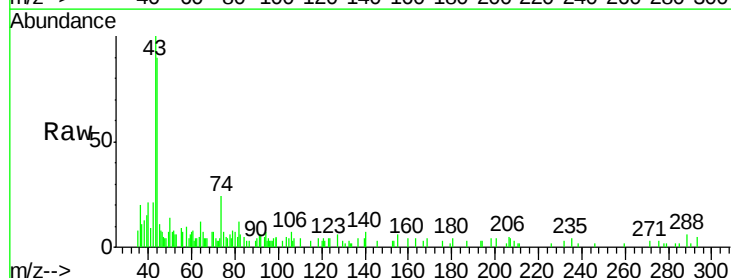
Acq: 30 Jan 2019 11:25

Tgt Ion: 43 Resp: 3984

Ion Ratio Lower Upper

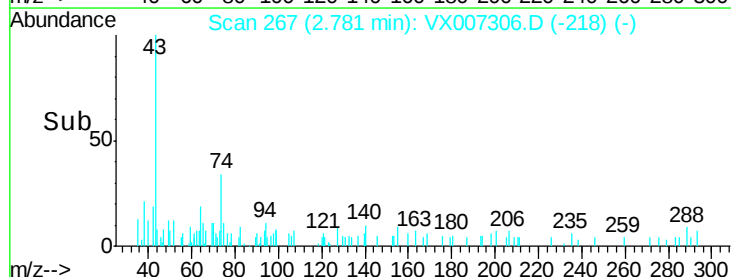
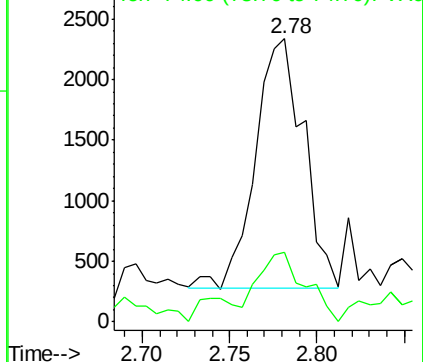
43 100

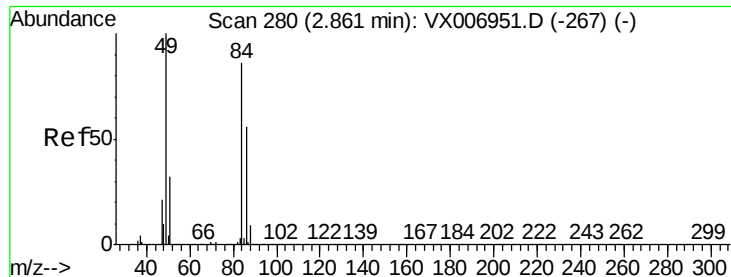
74 26.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

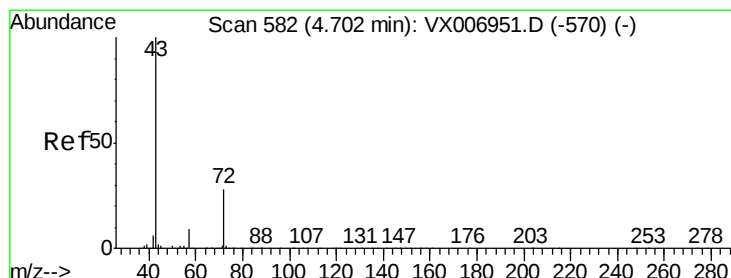
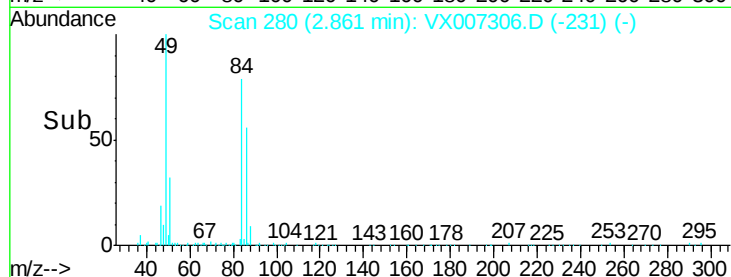
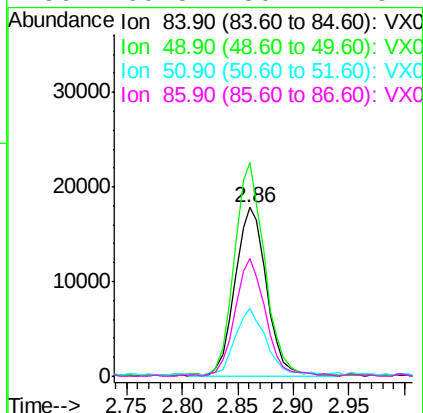
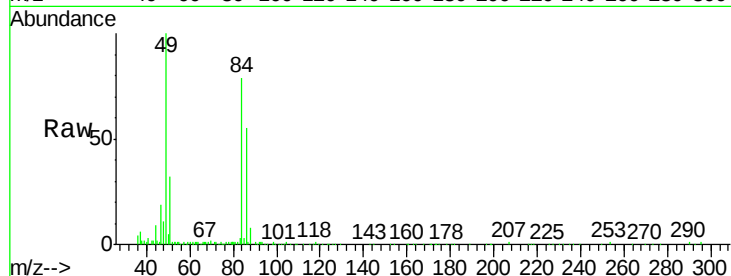




#20  
Methvlene Chloride  
Concen: 5.892 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007306.D  
Acq: 30 Jan 2019 11:25

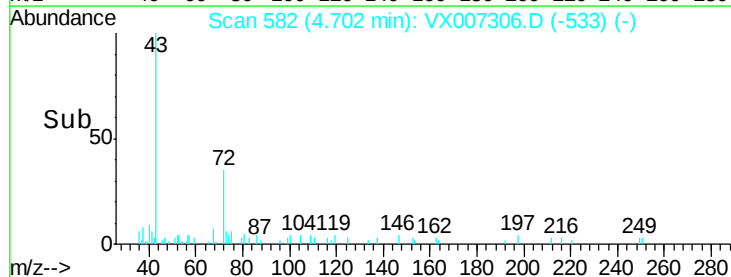
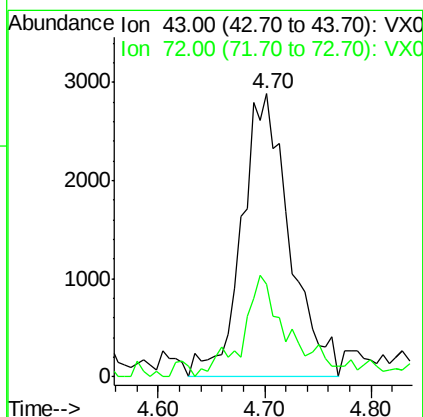
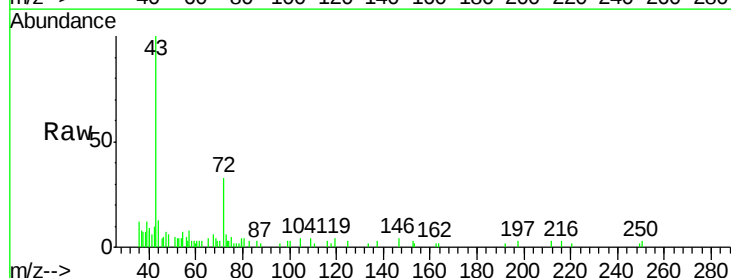
Instrument :  
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ClientSampleId :  
PB116701TB

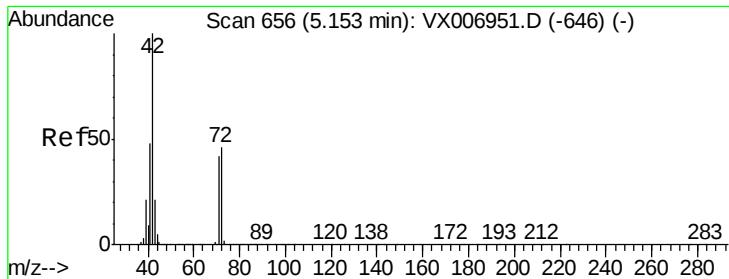
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 34700 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 126.1 | 91.8  | 137.6 |
| 51       | 39.5  | 28.5  | 42.7  |
| 86       | 69.8  | 50.2  | 75.2  |



#25  
2-Butanone  
Concen: 2.219 ug/l  
RT: 4.70 min Scan# 582  
Delta R.T. -0.00 min  
Lab File: VX007306.D  
Acq: 30 Jan 2019 11:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 9063  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 29.0  | 22.4  | 33.6  |





#29

Tetrahydrofuran

Concen: 1.181 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampled :

PB116701TB

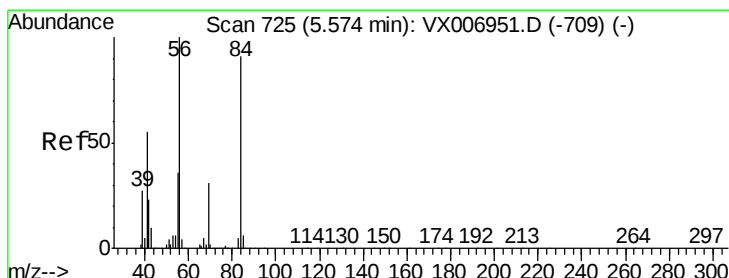
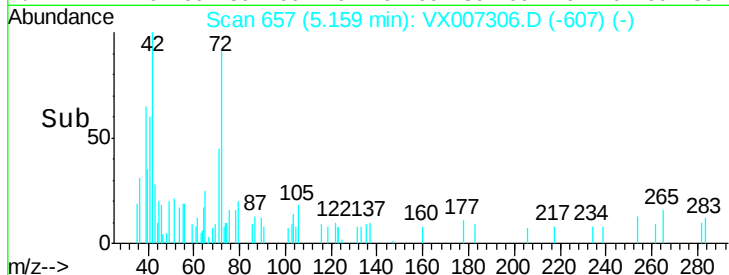
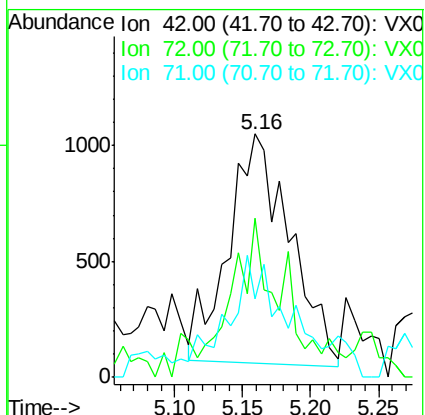
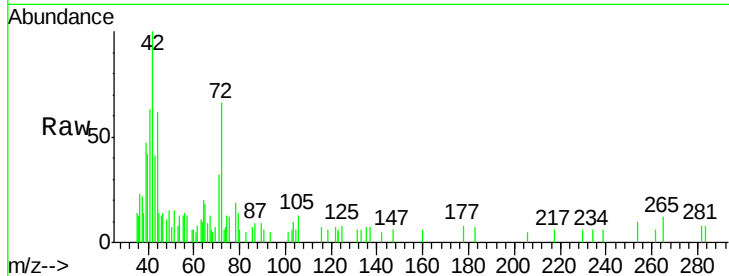
Tot Ion: 42 Resp: 3136

Ion Ratio Lower Upper

42 100

72 58.2 38.9 58.3

71 37.1 36.2 54.4



#31

Cyclohexane

Concen: 1.130 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.10 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

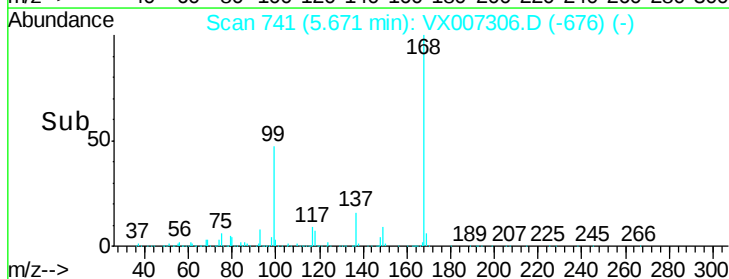
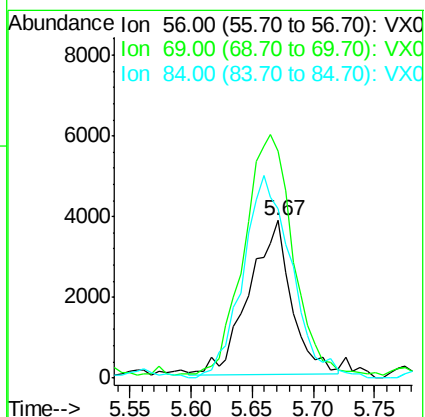
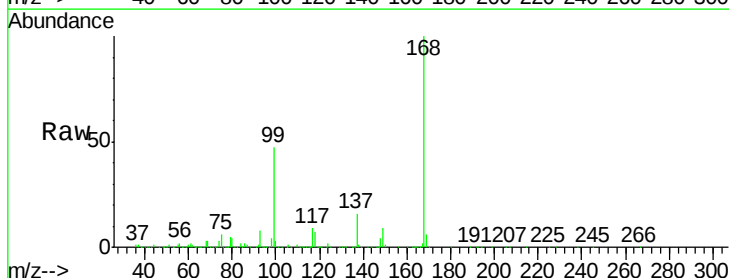
Tgt Ion: 56 Resp: 9205

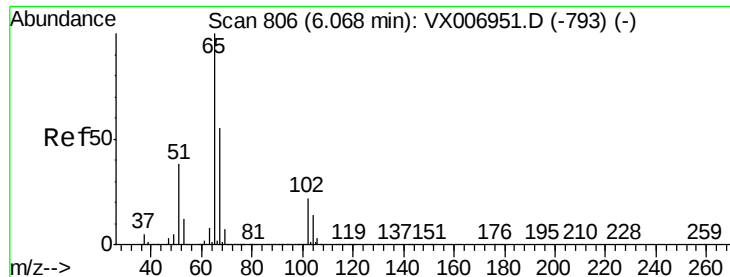
Ion Ratio Lower Upper

56 100

69 146.6 24.4 36.6#

84 111.5 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 50.640 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

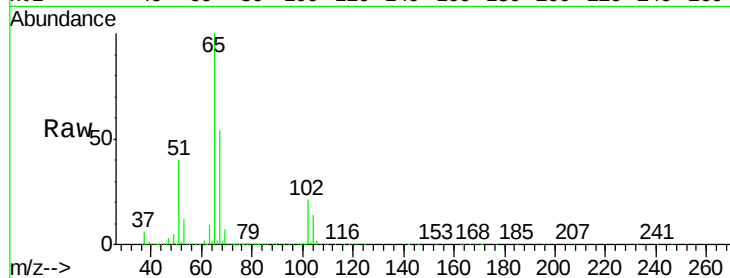
PB116701TB

Tot Ion: 65 Resp: 292405

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

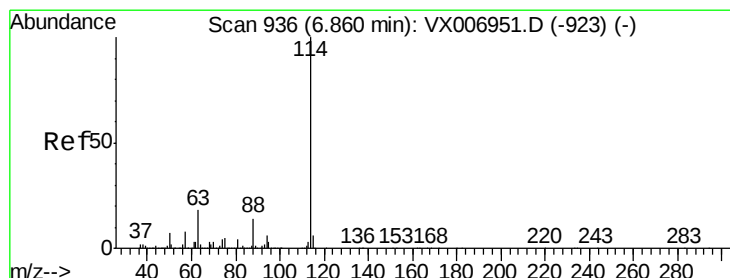
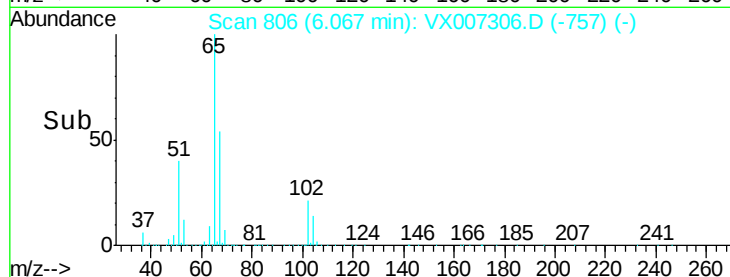
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

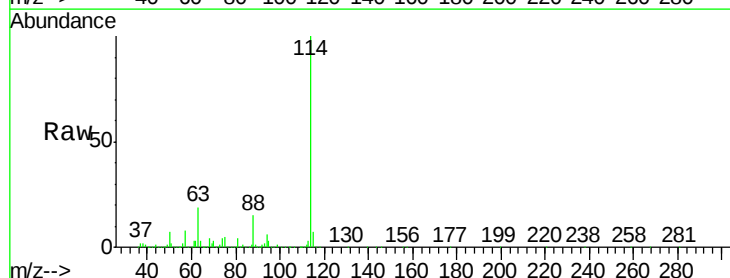
Tgt Ion: 114 Resp: 845951

Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.8

88 14.9 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

500000

400000

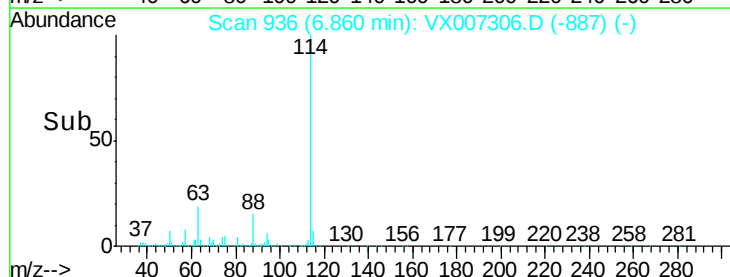
300000

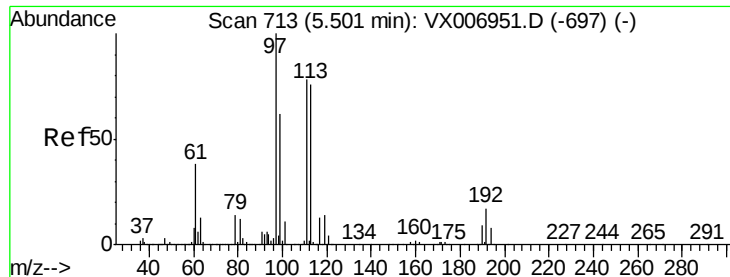
200000

100000

0

Time--> 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.258 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

PB116701TB

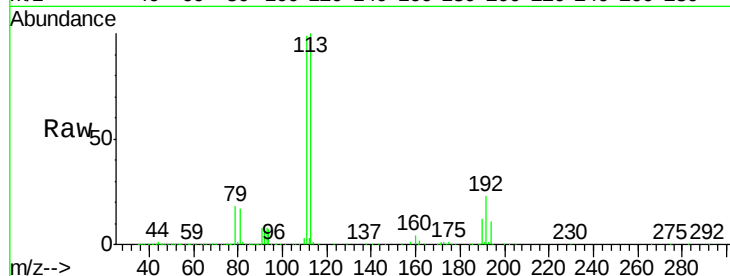
Tot Ion:113 Resp: 266849

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

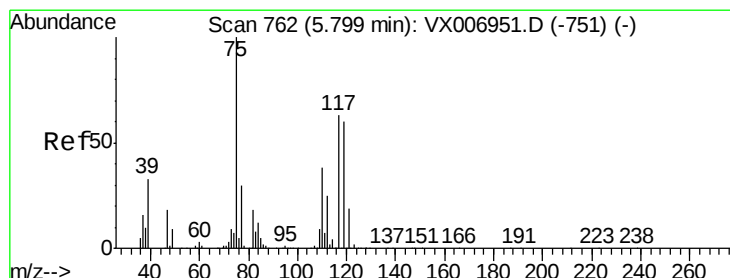
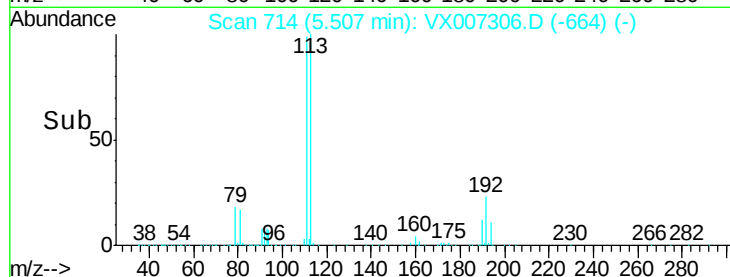
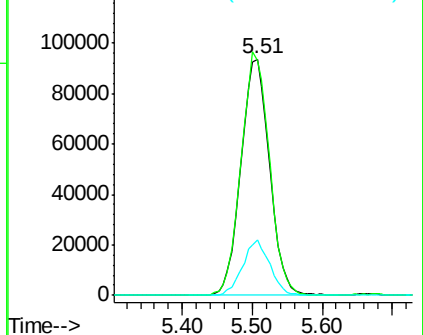
192 22.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.741 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

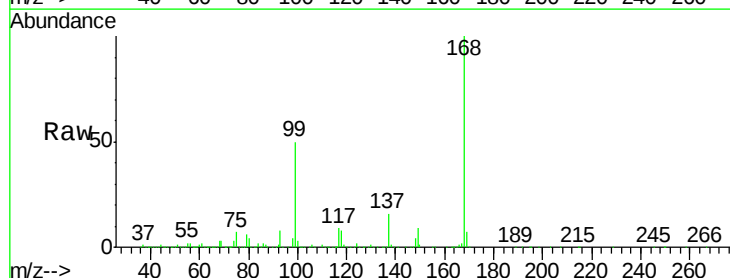
Tgt Ion: 75 Resp: 34871

Ion Ratio Lower Upper

75 100

110 10.2 20.2 60.5#

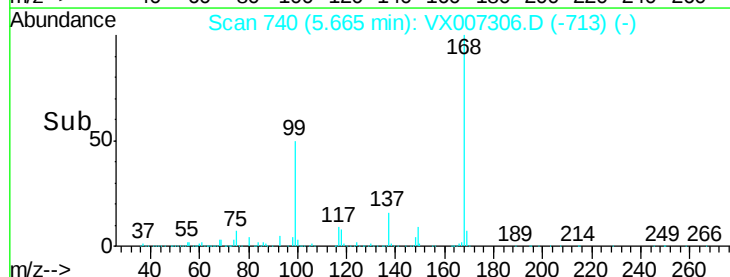
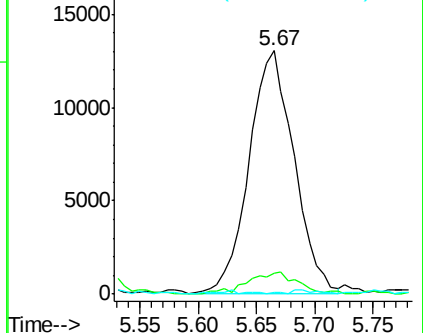
77 0.0 24.8 37.2#

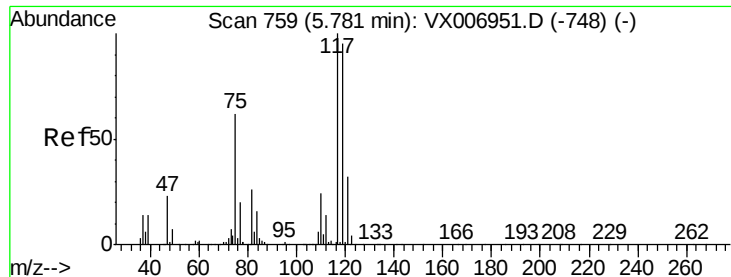


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.733 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

PB116701TB

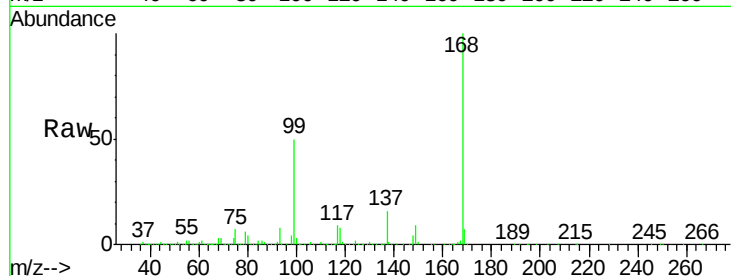
Tot Ion:117 Resp: 49825

Ion Ratio Lower Upper

117 100

119 5.7 79.4 119.2#

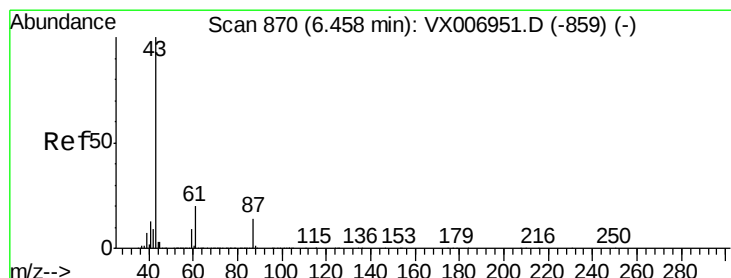
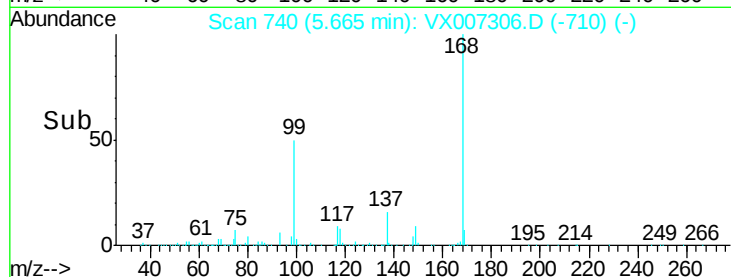
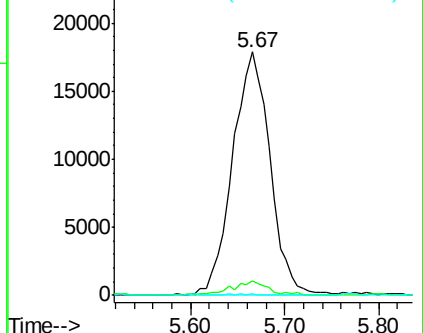
121 0.5 24.0 36.0#



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



#43

Isopropyl Acetate

Concen: 2.647 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

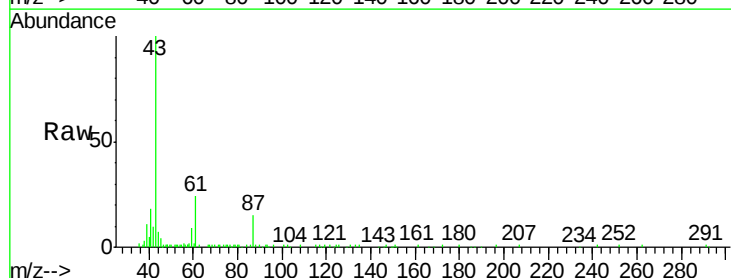
Tgt Ion: 43 Resp: 32920

Ion Ratio Lower Upper

43 100

61 22.6 16.8 25.2

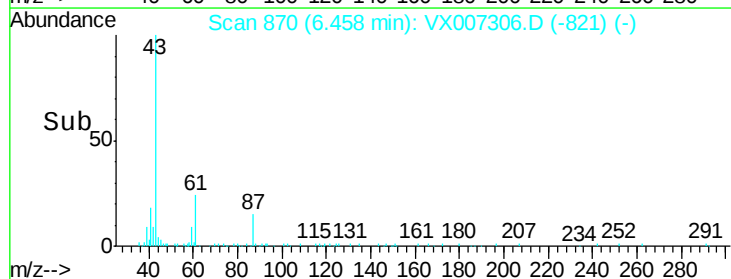
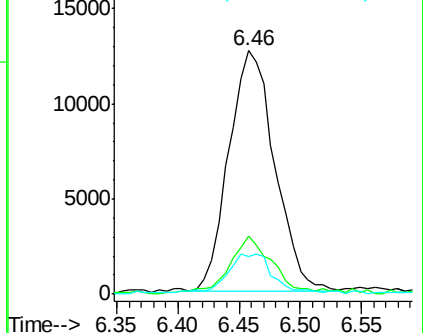
87 17.2 12.4 18.6

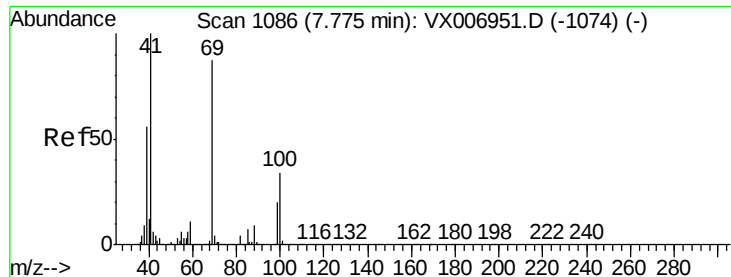


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

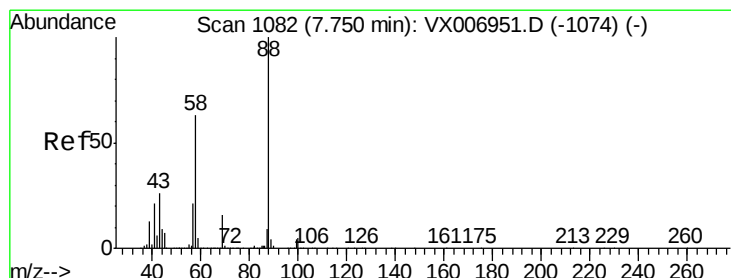
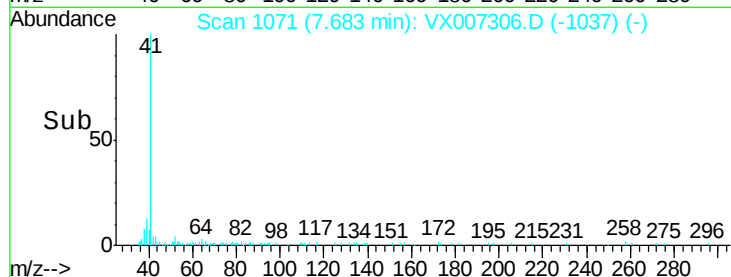
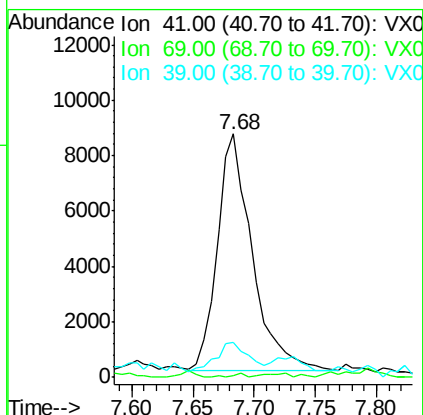
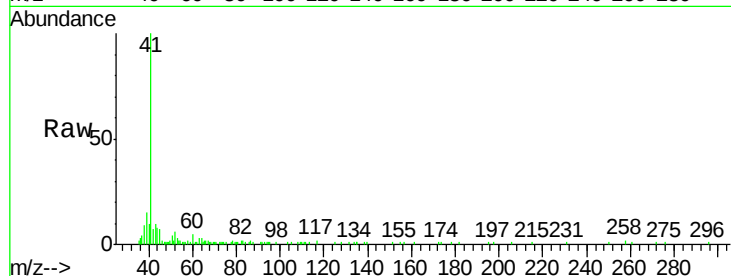




#48  
Methvl methacrylate  
Concen: 2.621 ug/l  
RT: 7.68 min Scan# 1071  
Delta R.T. -0.09 min  
Lab File: VX007306.D  
Acq: 30 Jan 2019 11:25

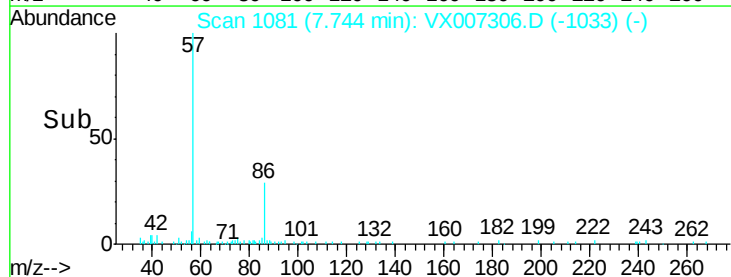
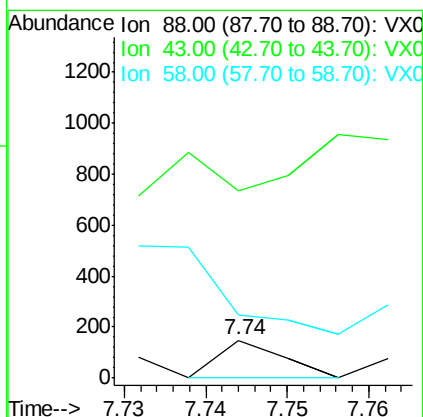
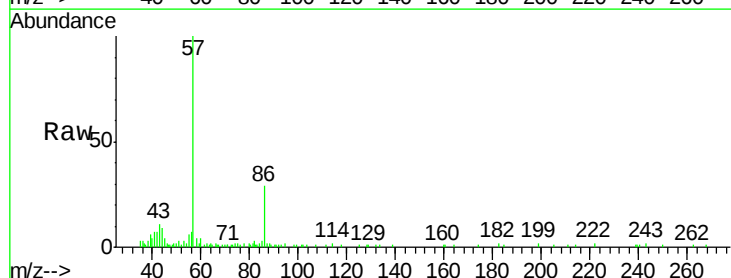
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB116701TB

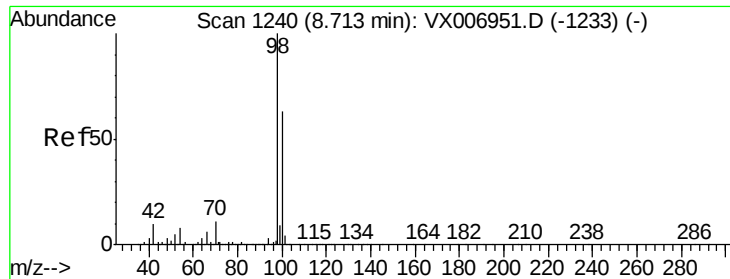
Tot Ion: 41 Resp: 16740  
Ion Ratio Lower Upper  
41 100  
69 0.7 72.4 108.6#  
39 0.0 45.8 68.8#



#49  
1,4-Dioxane  
Concen: Below Cal  
RT: 7.74 min Scan# 1081  
Delta R.T. -0.01 min  
Lab File: VX007306.D  
Acq: 30 Jan 2019 11:25

Tgt Ion: 88 Resp: 81  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.2 33.4#  
58 0.0 51.0 76.4#





#50

Toluene-d8

Concen: 52.404 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

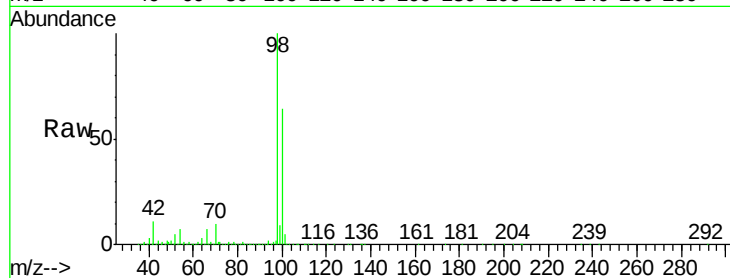
PB116701TB

Tot Ion: 98 Resp: 1039148

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

600000

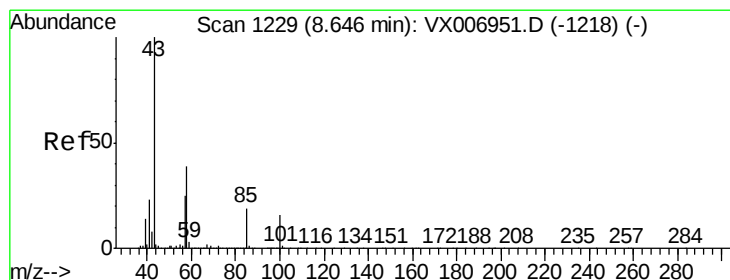
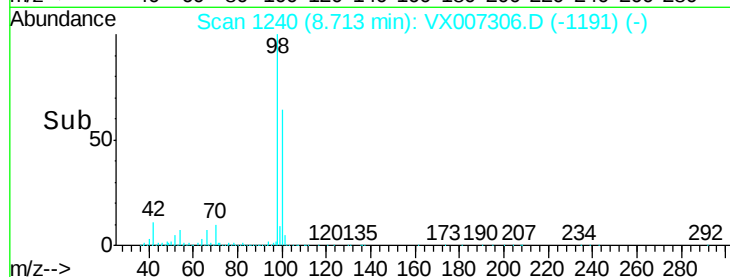
400000

200000

0

Time-->

8.60 8.70 8.80



#51

4-Methyl-2-Pentanone

Concen: 22.710 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007306.D

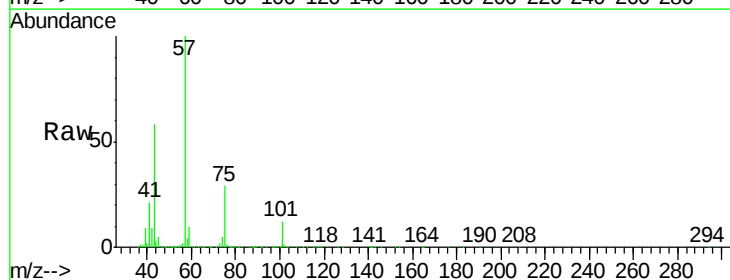
Acq: 30 Jan 2019 11:25

Tgt Ion: 43 Resp: 181525

Ion Ratio Lower Upper

43 100

58 7.7 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

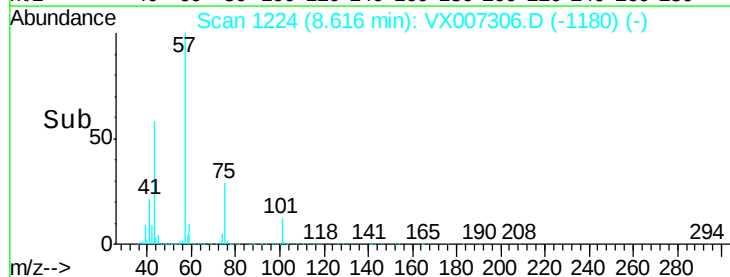
100000

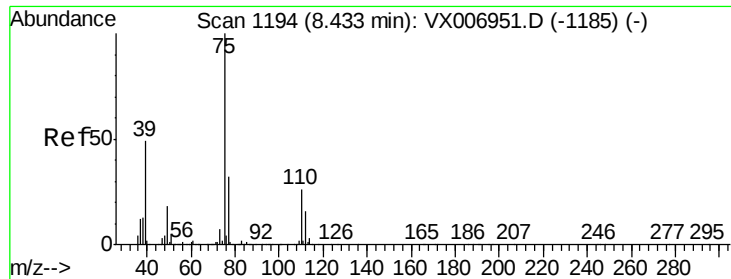
50000

0

Time-->

8.50 8.55 8.60 8.65 8.70





#54

cis-1,3-Dichloropropene

Concen: 10.753 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

PB116701TB

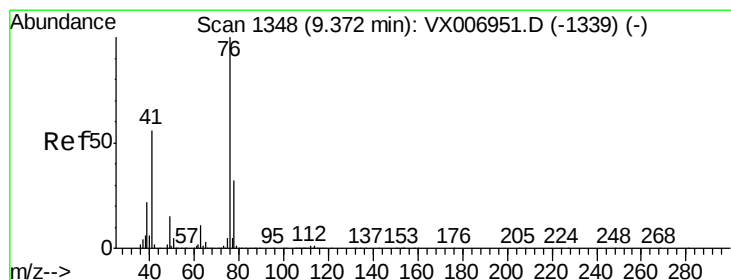
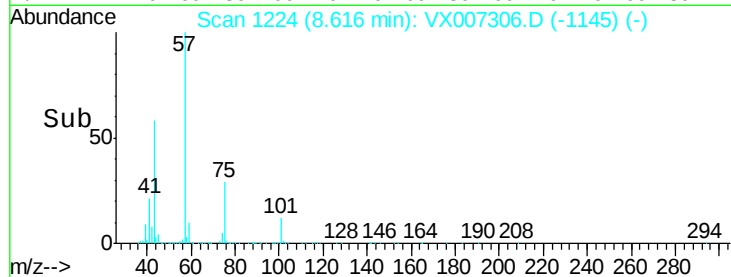
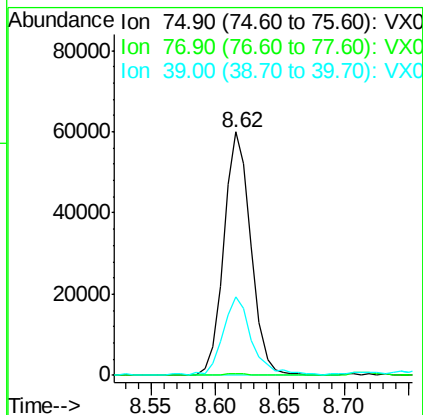
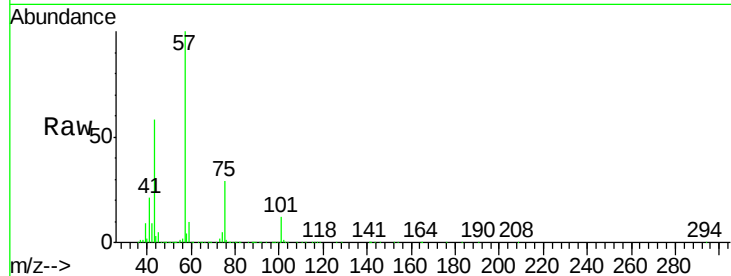
Tot Ion: 75 Resp: 88872

Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

39 31.9 36.7 55.1#



#57

1,3-Dichloropropane

Concen: 2.102 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX007306.D

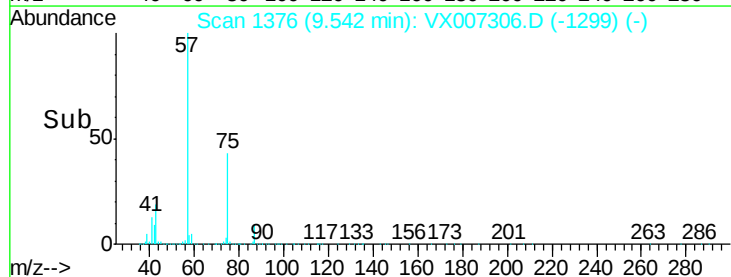
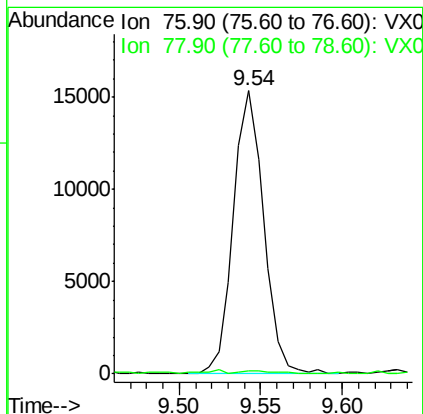
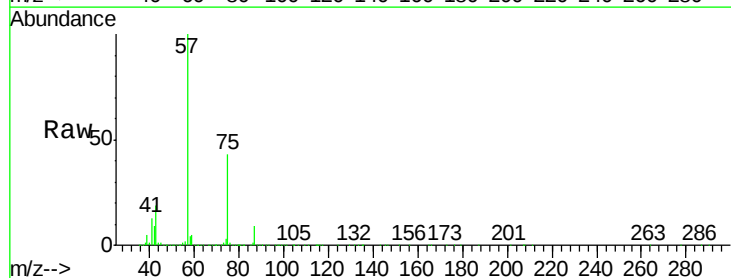
Acq: 30 Jan 2019 11:25

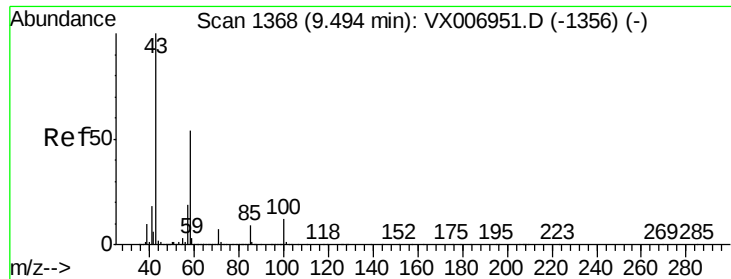
Tgt Ion: 76 Resp: 19883

Ion Ratio Lower Upper

76 100

78 1.3 26.0 39.0#





#59

2-Hexanone

Concen: 43.388 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

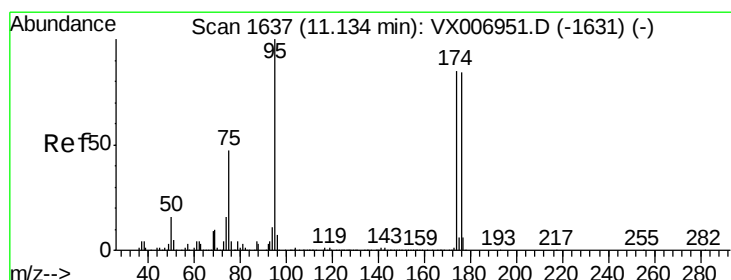
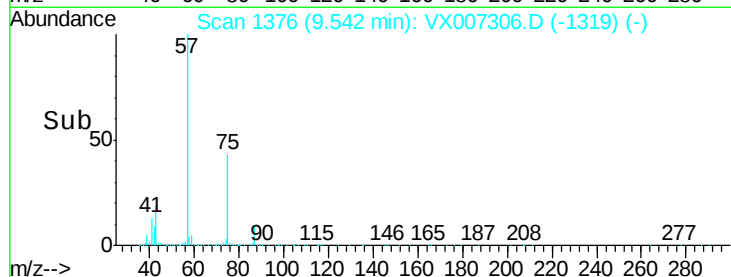
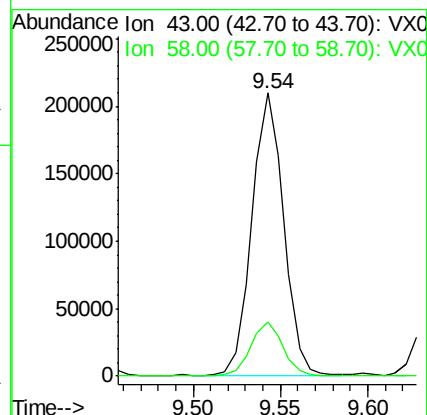
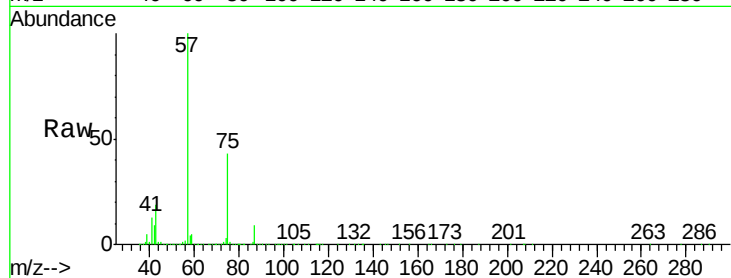
PB116701TB

Tot Ion: 43 Resp: 264284

Ion Ratio Lower Upper

43 100

58 19.9 27.7 83.1#



#62

4-Bromofluorobenzene

Concen: 53.093 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

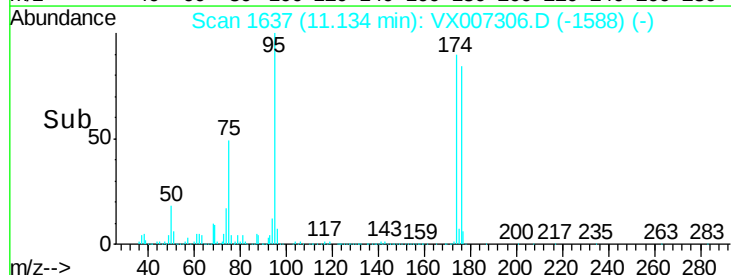
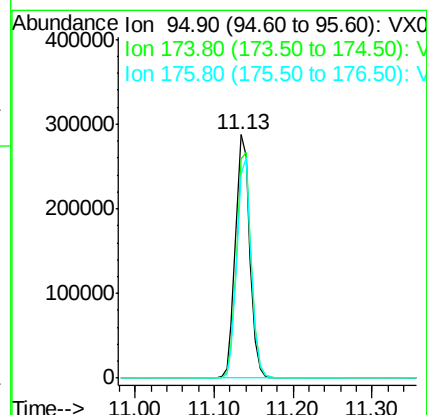
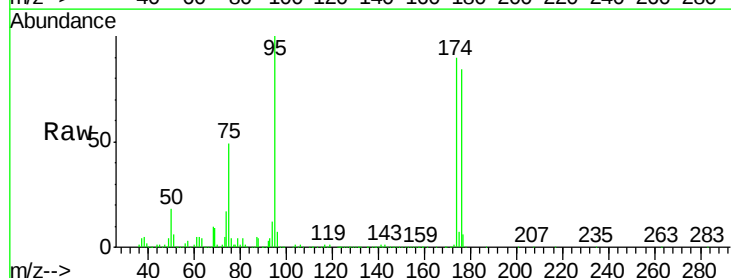
Tgt Ion: 95 Resp: 367033

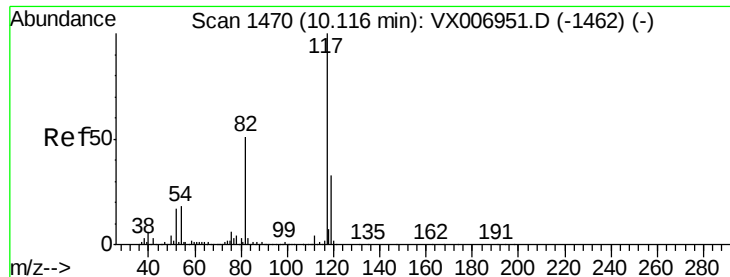
Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

176 89.9 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

PB116701TB

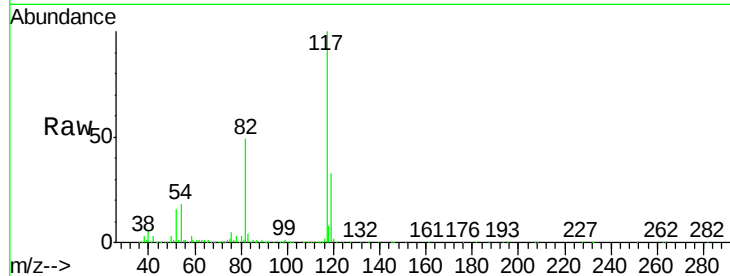
Tot Ion:117 Resp: 814955

Ion Ratio Lower Upper

117 100

82 49.1 41.0 61.6

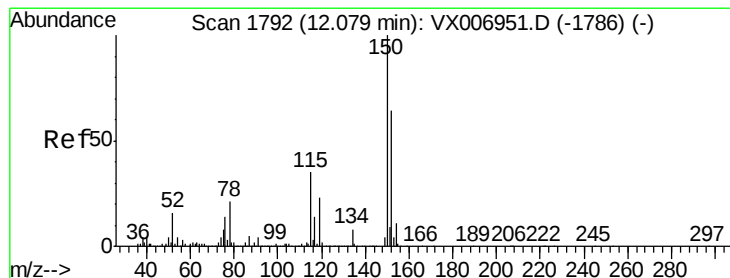
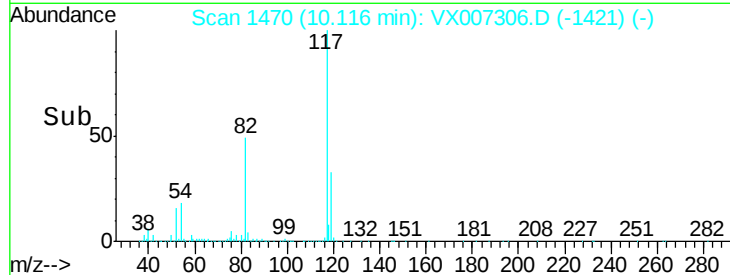
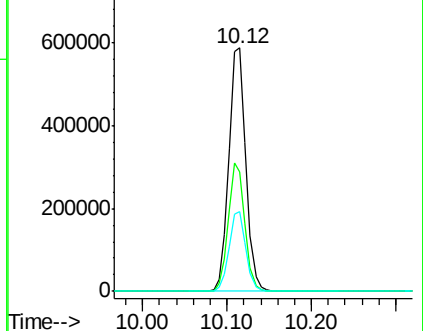
119 32.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

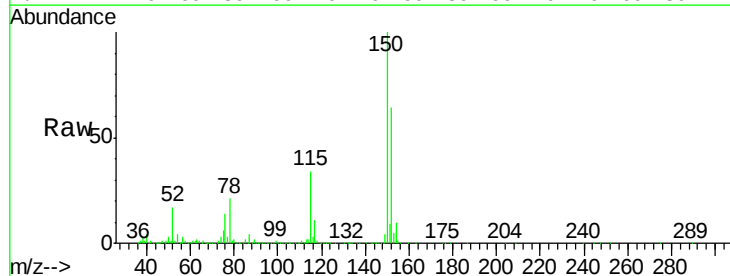
Tgt Ion:152 Resp: 391189

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.2

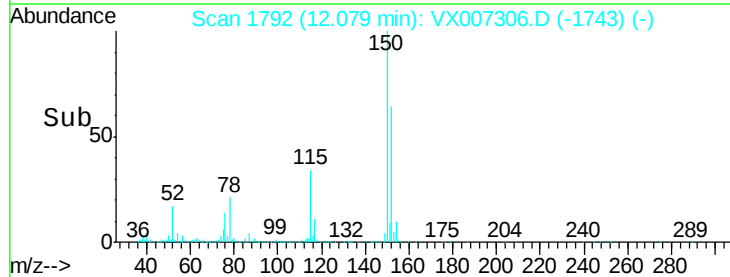
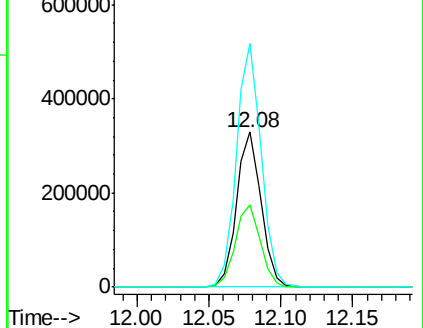
150 158.5 0.0 344.8

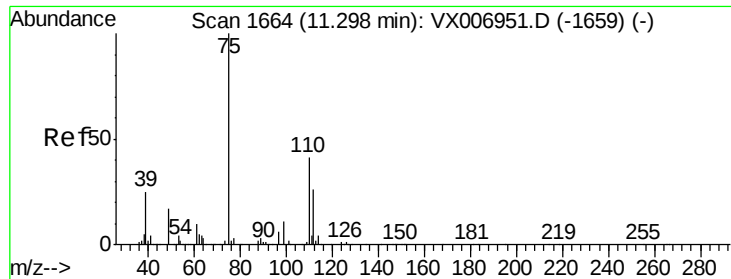


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.855 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

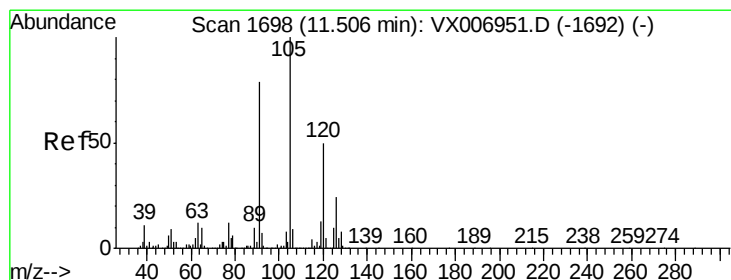
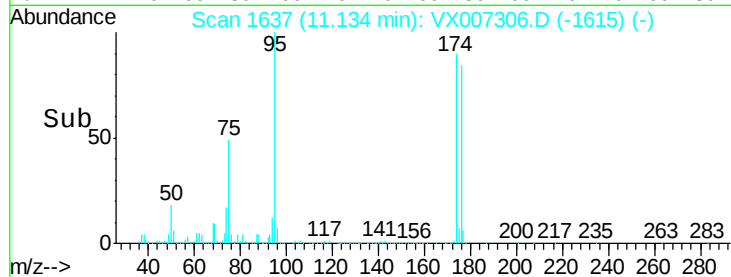
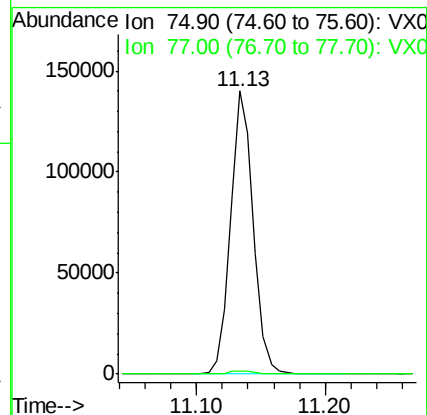
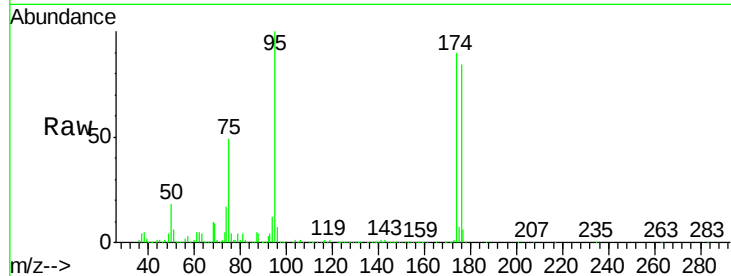
PB116701TB

Tot Ion: 75 Resp: 173253

Ion Ratio Lower Upper

75 100

77 1.3 18.5 55.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.728 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007306.D

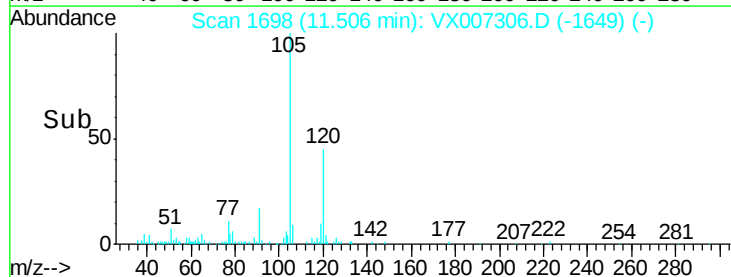
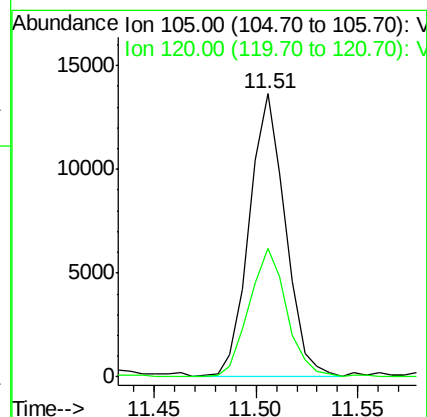
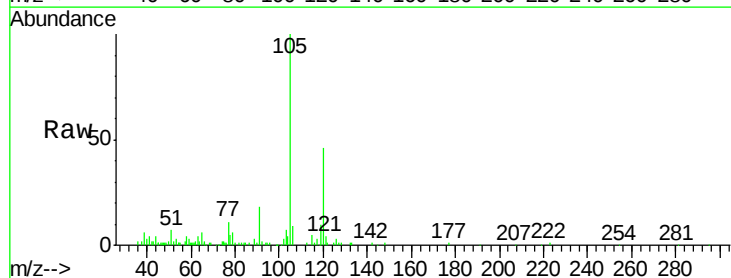
Acq: 30 Jan 2019 11:25

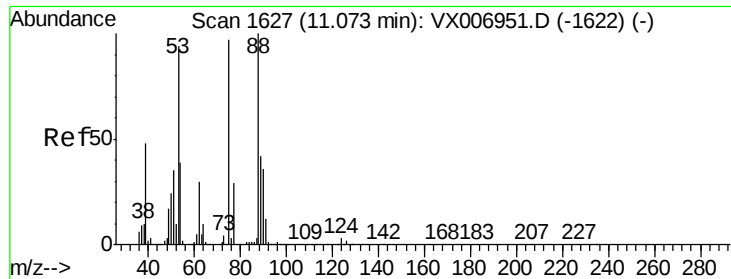
Tgt Ion: 105 Resp: 16782

Ion Ratio Lower Upper

105 100

120 47.6 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 64.749 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

PB116701TB

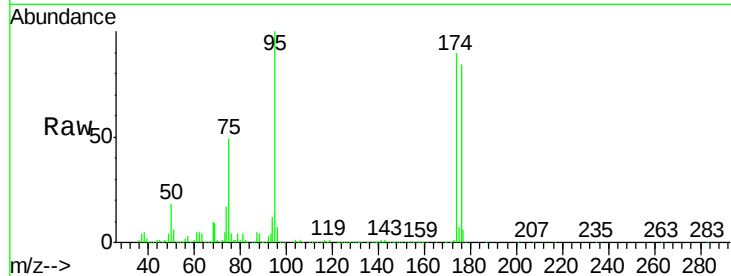
Tot Ion: 75 Resp: 173253

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

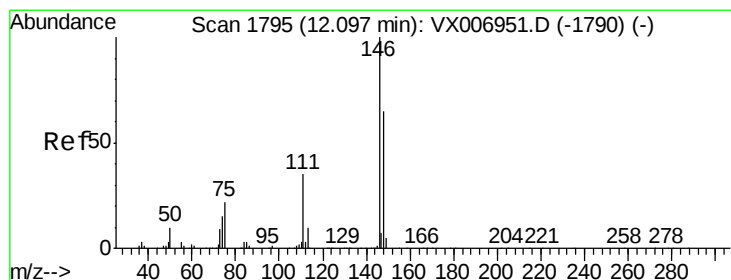
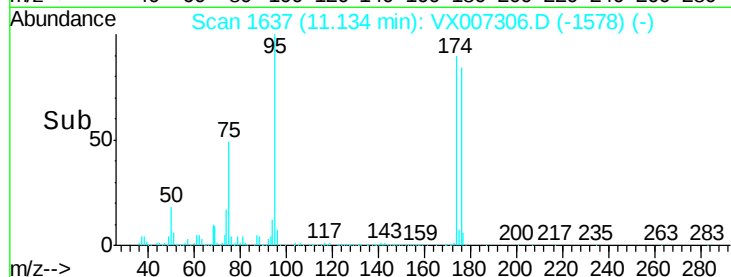
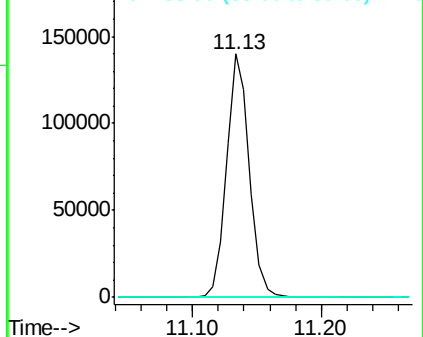
89 0.1 38.0 57.0#



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



#88

1,4-Dichlorobenzene

Concen: 0.225 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

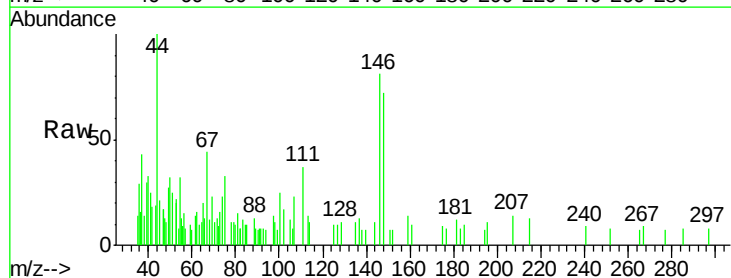
Tgt Ion: 146 Resp: 1039

Ion Ratio Lower Upper

146 100

111 46.9 18.1 54.1

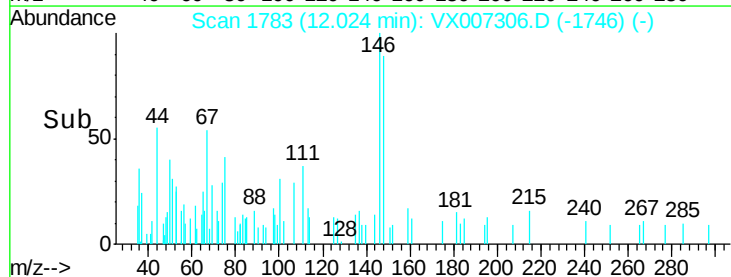
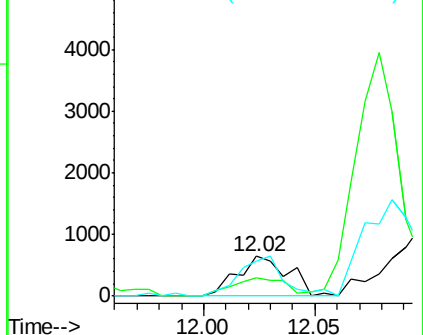
148 82.6 31.9 95.9

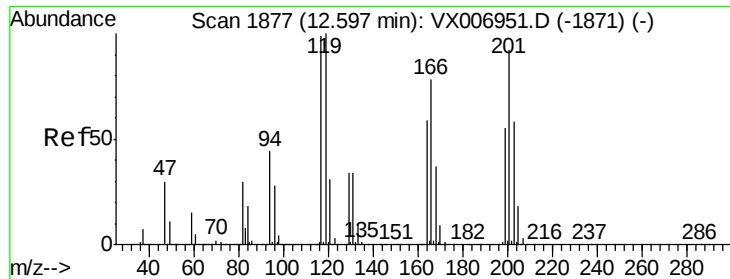


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 2.920 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA\_X

ClientSampleId :

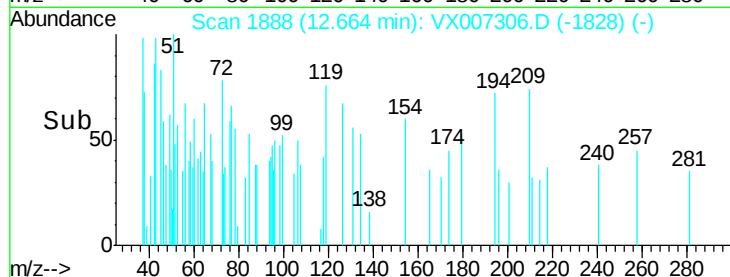
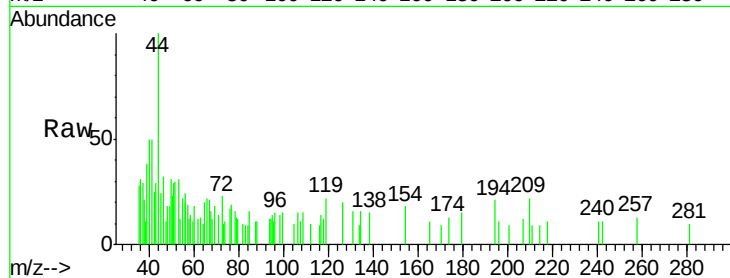
PB116701TB

Tot Ion:117 Resp: 51

Ion Ratio Lower Upper

117 100

201 43.1 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

