

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006229.D
 Acq On : 30 Nov 2018 14:43
 Operator : JC/MD
 Sample : J5762-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-02-112918

Quant Time: Nov 30 23:41:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	919034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1371813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1254099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	632200	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	446079	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
35) Dibromofluoromethane	5.50	113	439684	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	8.71	98	1601755	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	601330	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	

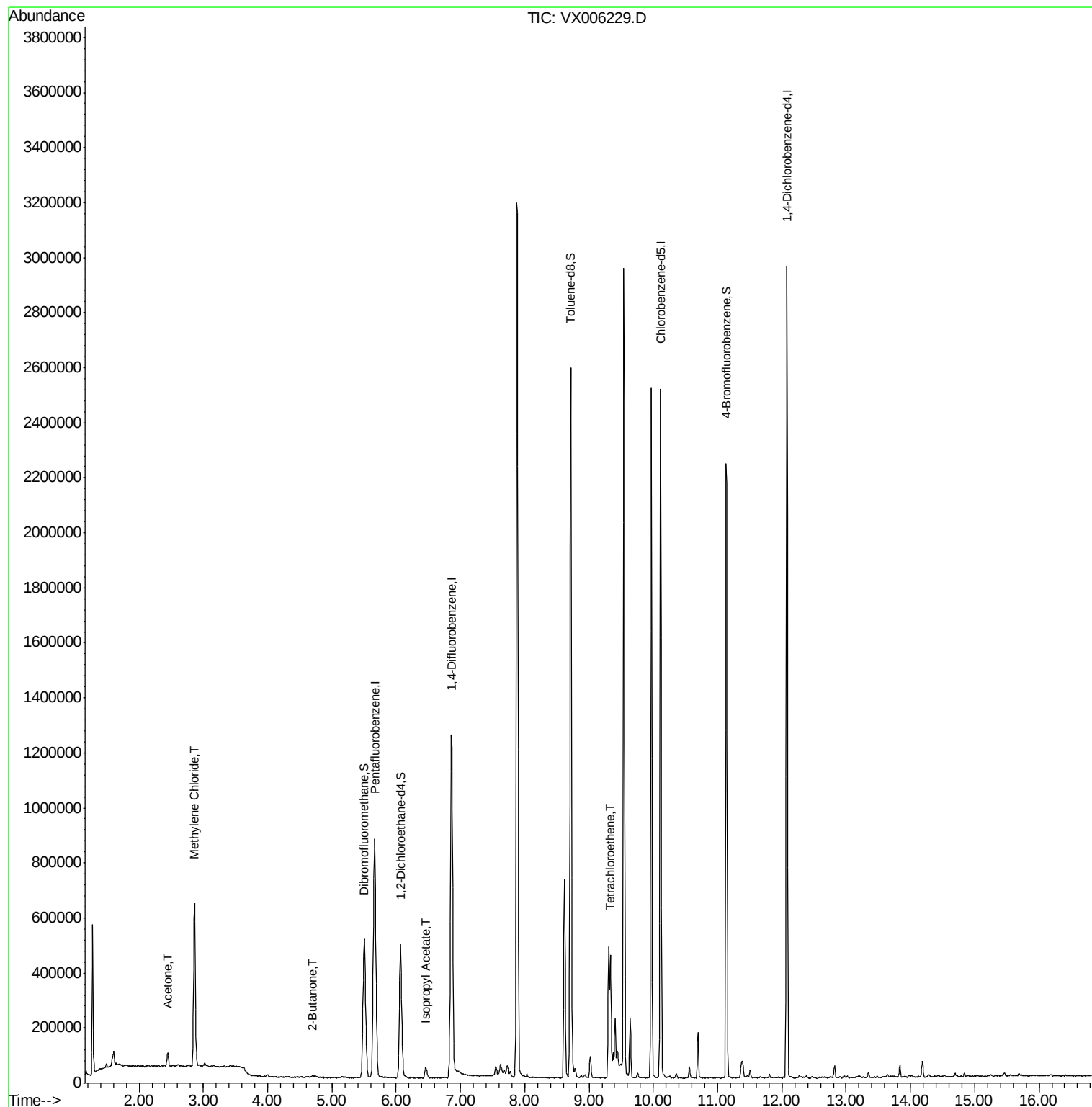
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	52517	11.928	ug/l	97
20) Methylene Chloride	2.86	84	271870	29.014	ug/l	99
25) 2-Butanone	4.70	43	12935	2.059	ug/l	94
43) Isopropyl Acetate	6.46	43	50976	2.363	ug/l	97
64) Tetrachloroethene	9.34	164	82607	8.747	ug/l	97

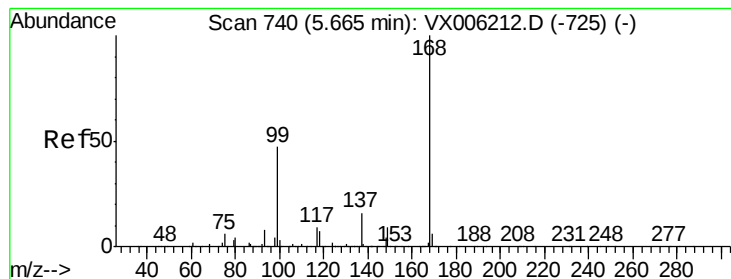
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006229.D

Acq: 30 Nov 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

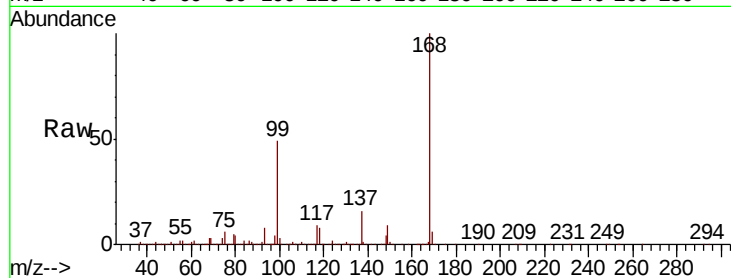
BU-02-112918

Tot Ion:168 Resp: 919034

Ion Ratio Lower Upper

168 100

99 49.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

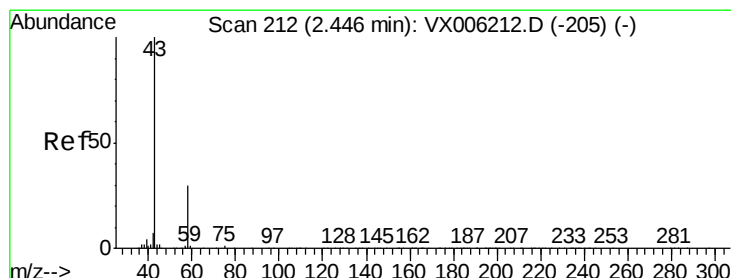
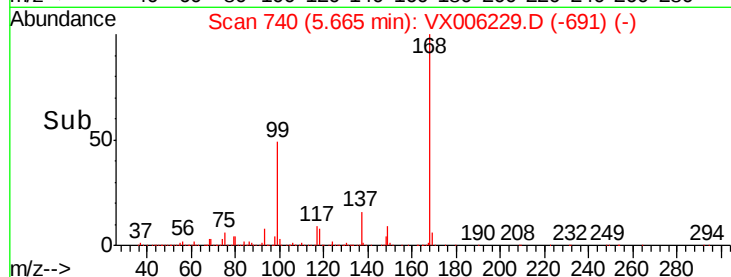
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 11.928 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006229.D

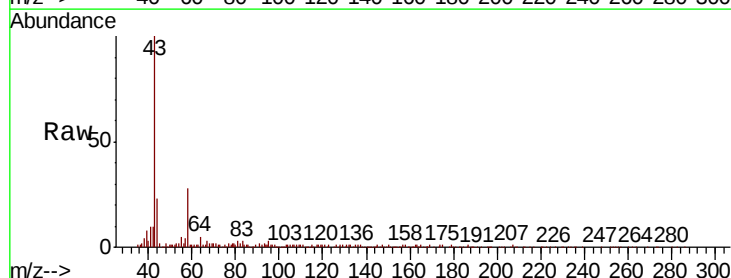
Acq: 30 Nov 2018 14:43

Tgt Ion: 43 Resp: 52517

Ion Ratio Lower Upper

43 100

58 28.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

40000

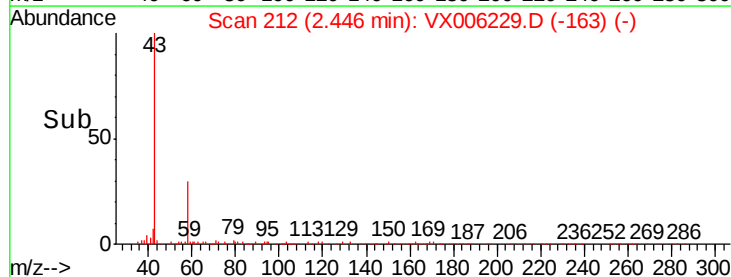
30000

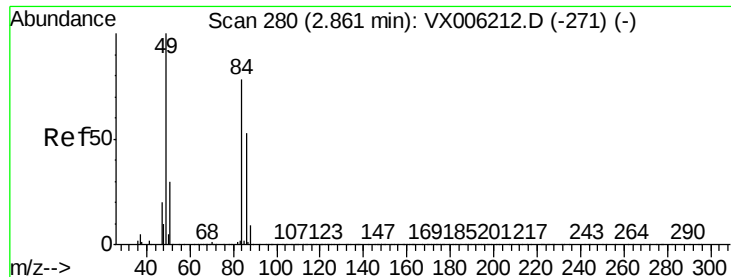
20000

10000

0

Time--> 2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 29.014 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006229.D

Acq: 30 Nov 2018 14:43

Instrument :

MSVOA_X

ClientSampled :

BU-02-112918

Tot Ion: 84 Resp: 271870

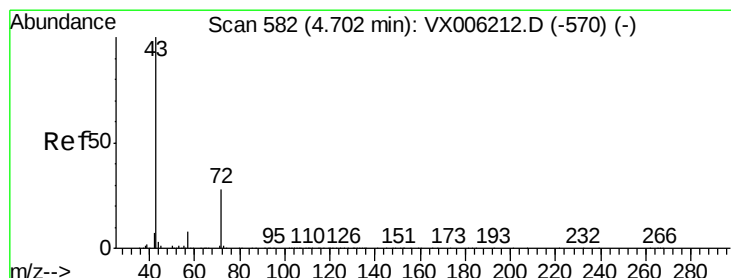
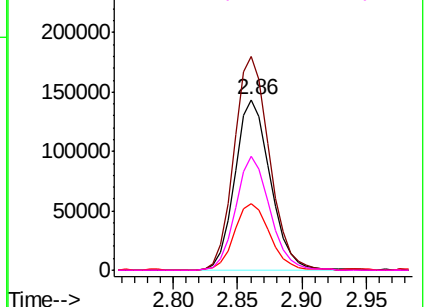
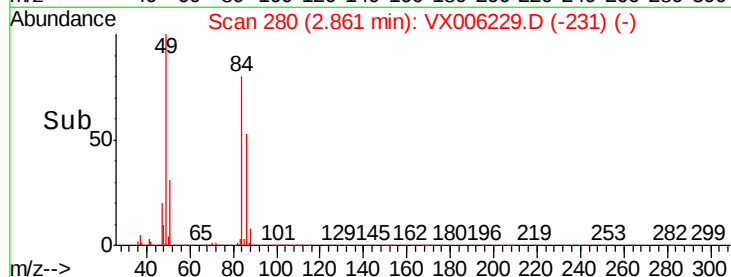
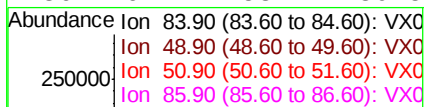
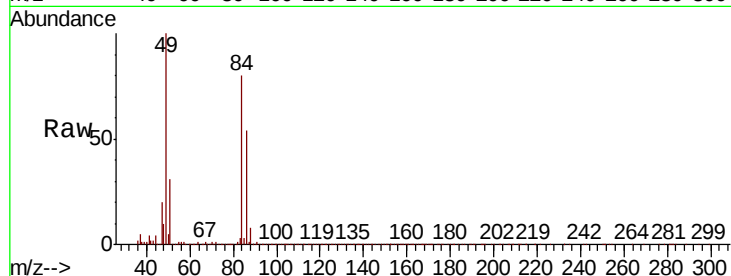
Ion Ratio Lower Upper

84 100

49 125.1 102.2 153.4

51 39.0 31.1 46.7

86 67.2 53.7 80.5



#25

2-Butanone

Concen: 2.059 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006229.D

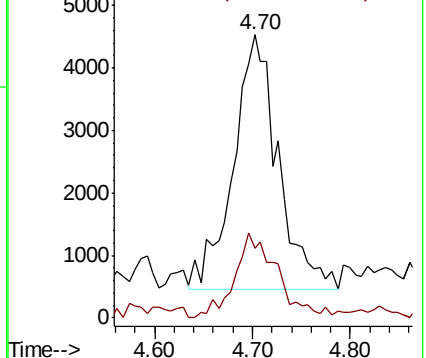
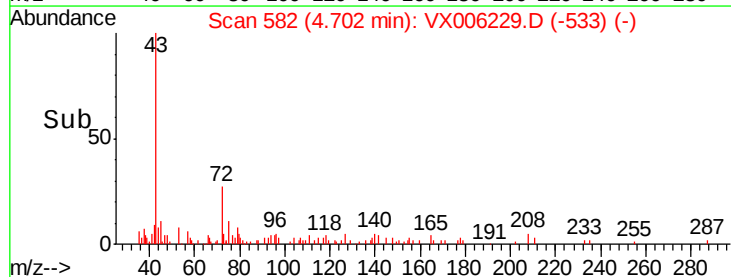
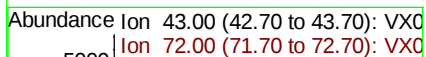
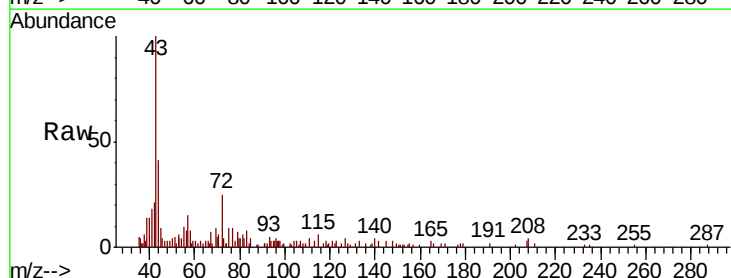
Acq: 30 Nov 2018 14:43

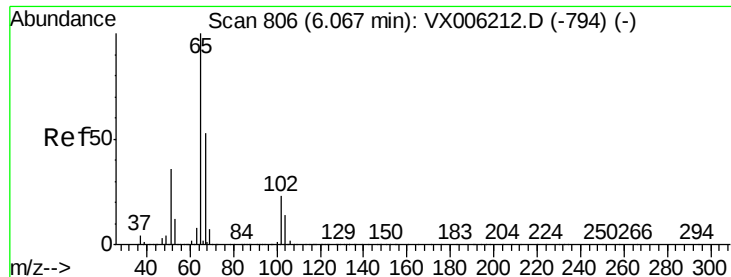
Tgt Ion: 43 Resp: 12935

Ion Ratio Lower Upper

43 100

72 24.9 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 47.547 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006229.D

Acq: 30 Nov 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

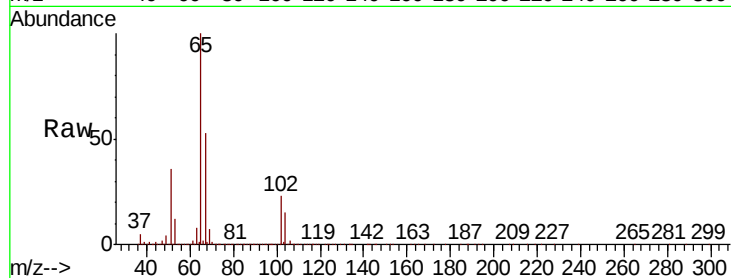
BU-02-112918

Tot Ion: 65 Resp: 446079

Ion Ratio Lower Upper

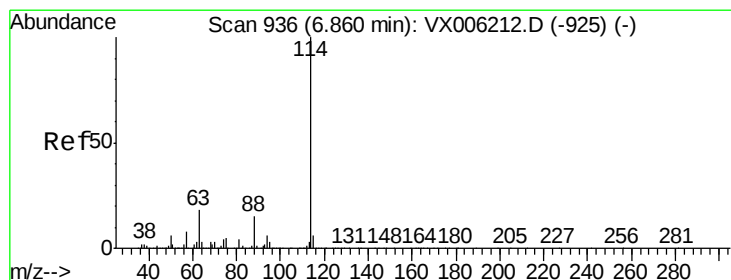
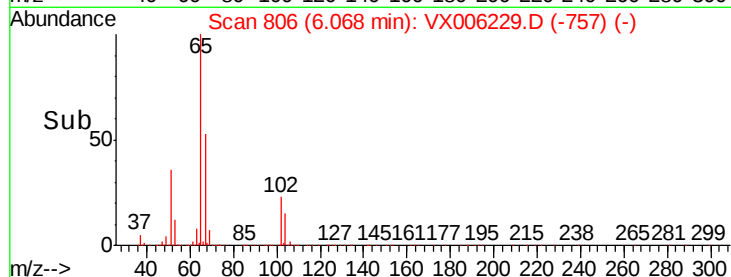
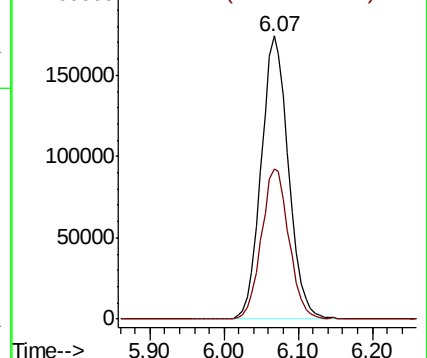
65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006229.D

Acq: 30 Nov 2018 14:43

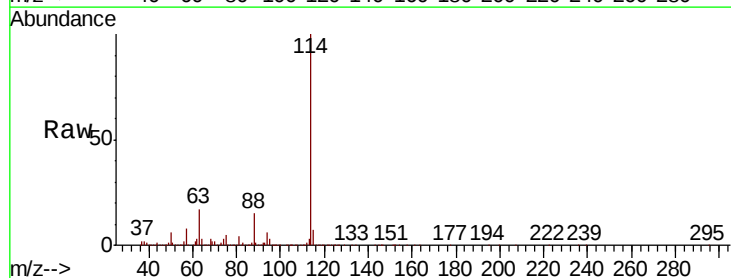
Tgt Ion: 114 Resp: 1371813

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

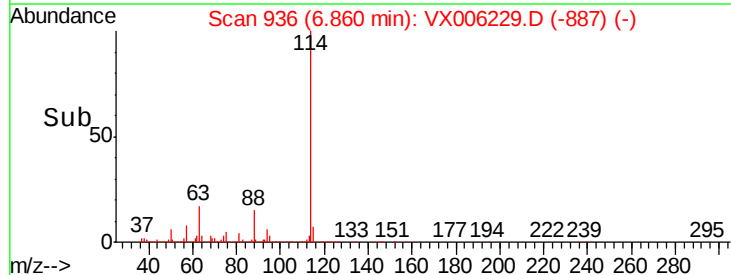
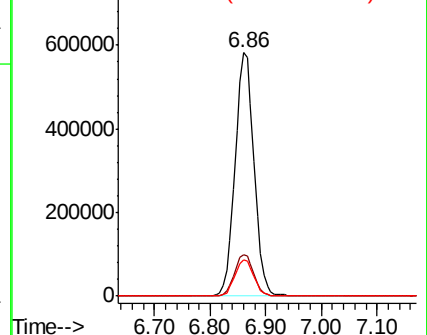
88 15.0 0.0 29.0

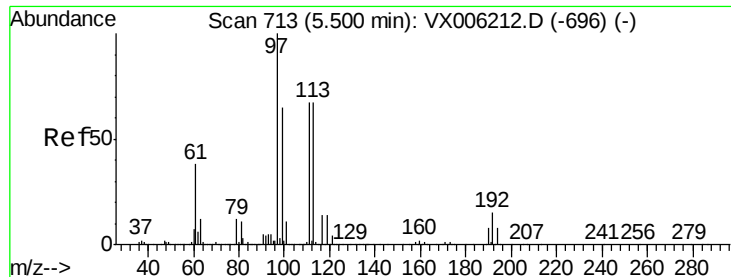


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.503 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006229.D

Acq: 30 Nov 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

BU-02-112918

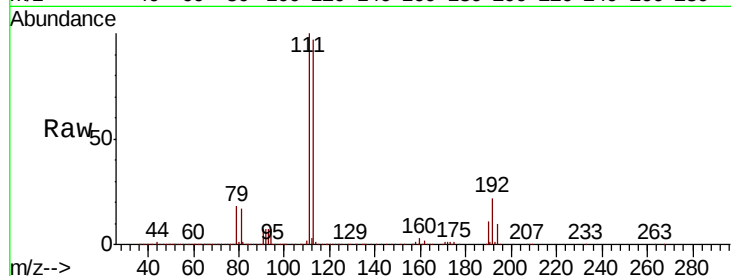
Tot Ion:113 Resp: 439684

Ion Ratio Lower Upper

113 100

111 99.9 81.1 121.7

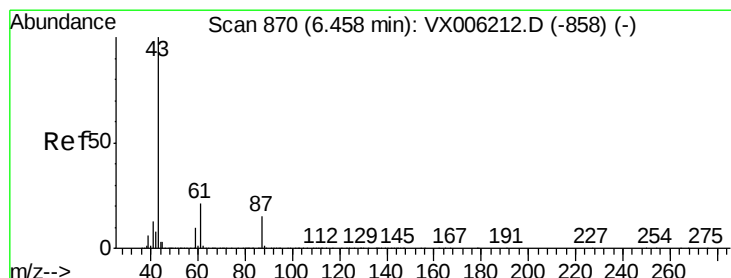
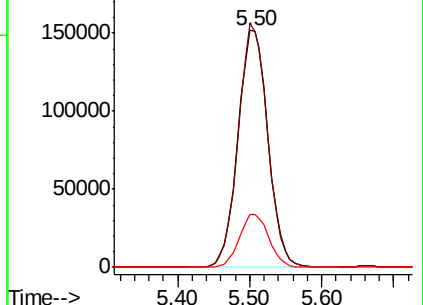
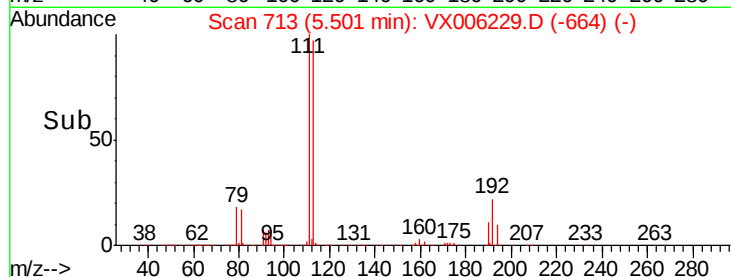
192 22.1 18.2 27.2



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



#43

Isopropyl Acetate

Concen: 2.363 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006229.D

Acq: 30 Nov 2018 14:43

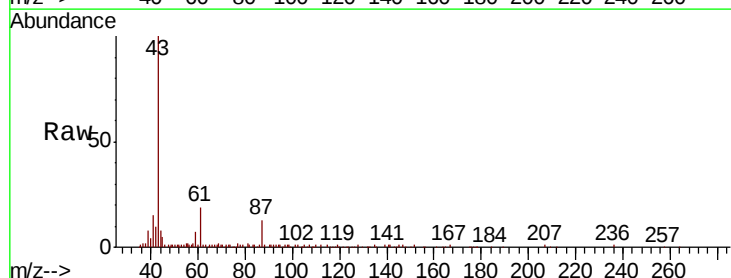
Tgt Ion: 43 Resp: 50976

Ion Ratio Lower Upper

43 100

61 22.1 16.8 25.2

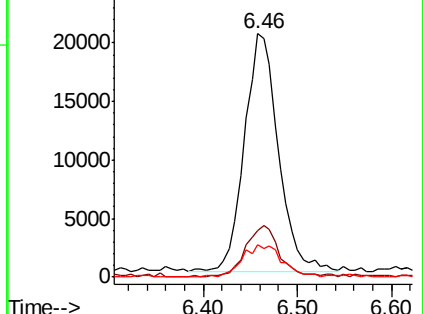
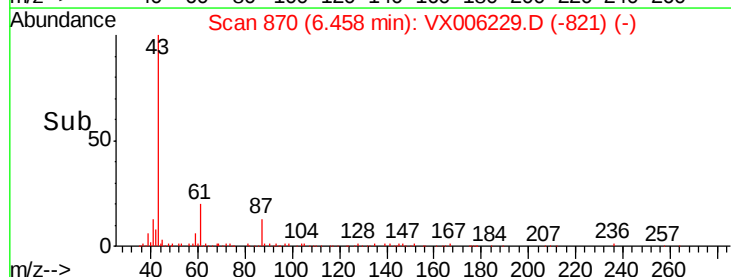
87 16.3 11.9 17.9

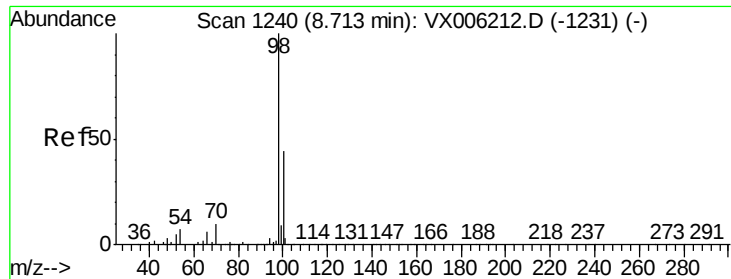


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

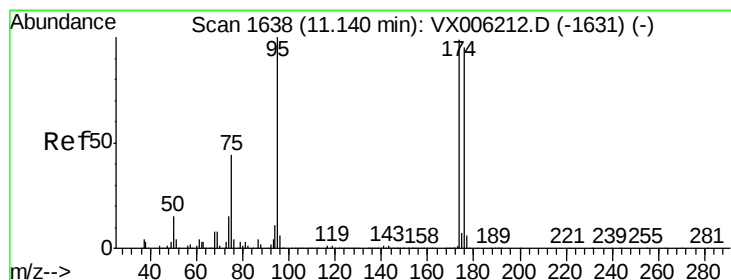
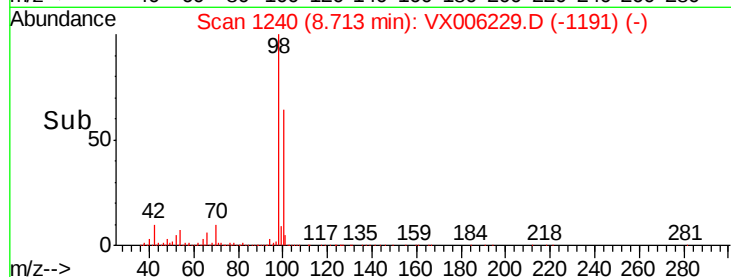
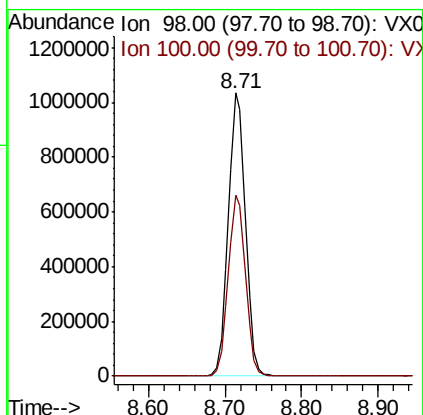
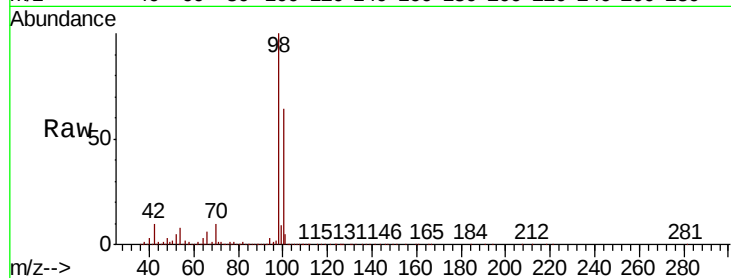




#50
Toluene-d8
Concen: 49.579 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006229.D
Acq: 30 Nov 2018 14:43

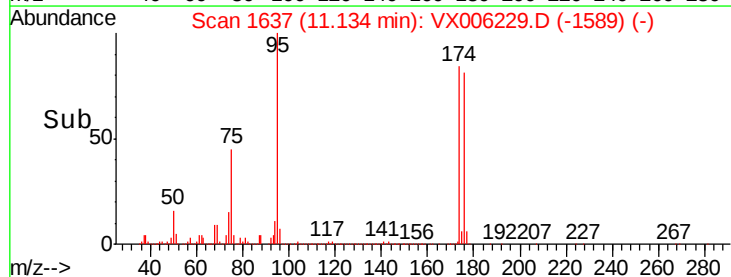
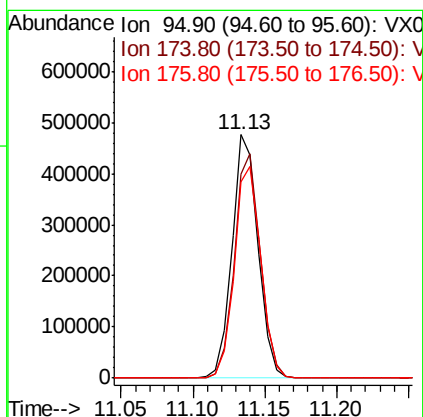
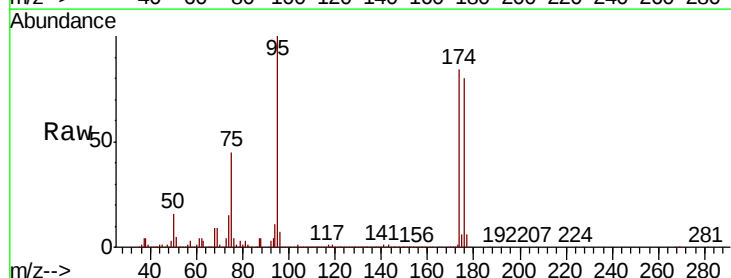
Instrument :
MSVOA_X
ClientSampleId :
BU-02-112918

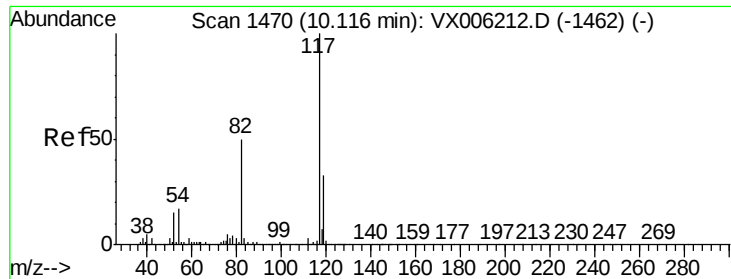
Tot Ion: 98 Resp: 1601755
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.393 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006229.D
Acq: 30 Nov 2018 14:43

Tgt Ion: 95 Resp: 601330
Ion Ratio Lower Upper
95 100
174 92.0 0.0 187.0
176 88.8 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006229.D

Acq: 30 Nov 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

BU-02-112918

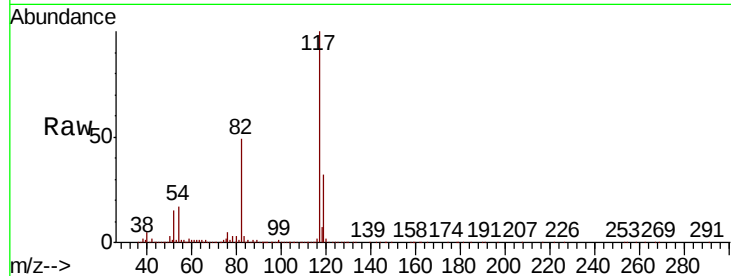
Tot Ion:117 Resp: 1254099

Ion Ratio Lower Upper

117 100

82 49.2 39.6 59.4

119 32.0 26.3 39.5

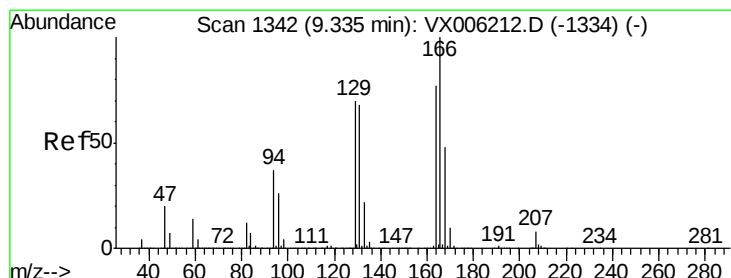
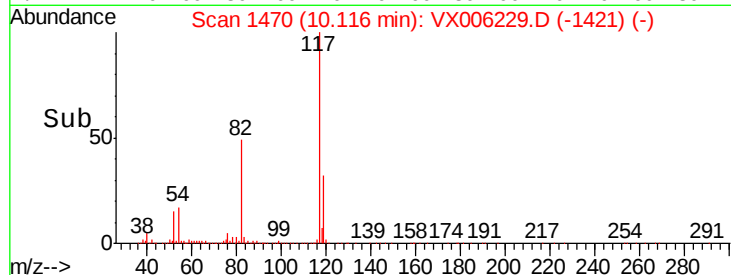
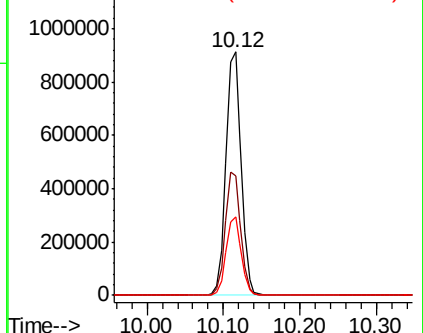


Abundance

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



#64

Tetrachloroethene

Concen: 8.747 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006229.D

Acq: 30 Nov 2018 14:43

Tgt Ion:164 Resp: 82607

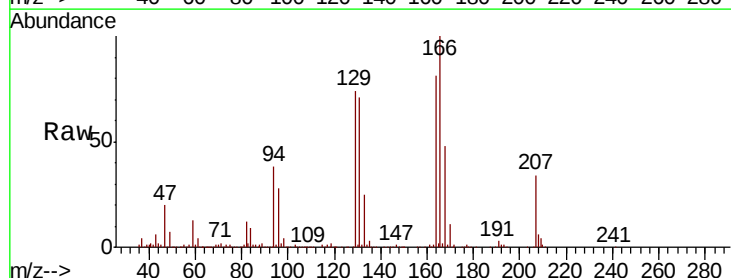
Ion Ratio Lower Upper

164 100

166 123.8 104.2 156.2

129 91.6 72.6 108.8

131 87.4 70.3 105.5



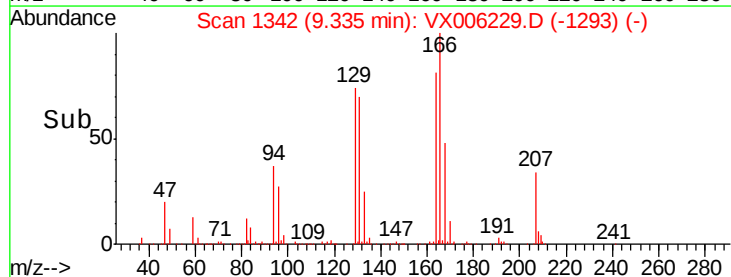
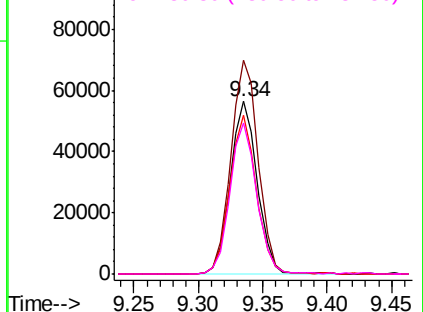
Abundance

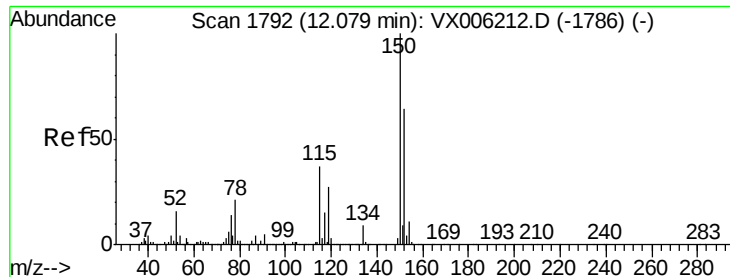
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX006229.D

Acq: 30 Nov 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

BU-02-112918

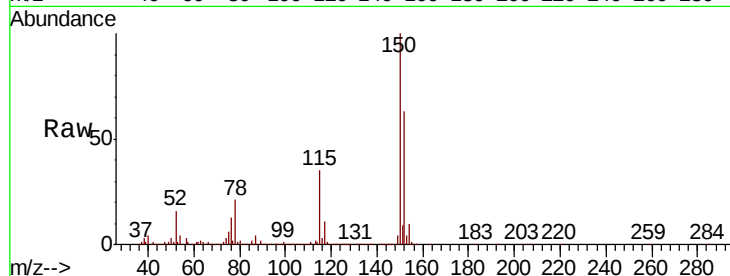
Tot Ion:152 Resp: 632200

Ion Ratio Lower Upper

152 100

115 55.8 39.0 116.9

150 157.5 0.0 345.8



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

