

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007117.D
 Acq On : 18 Jan 2019 04:42
 Operator : JC/SP
 Sample : K1157-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-03-011519

Quant Time: Jan 18 07:37:16 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

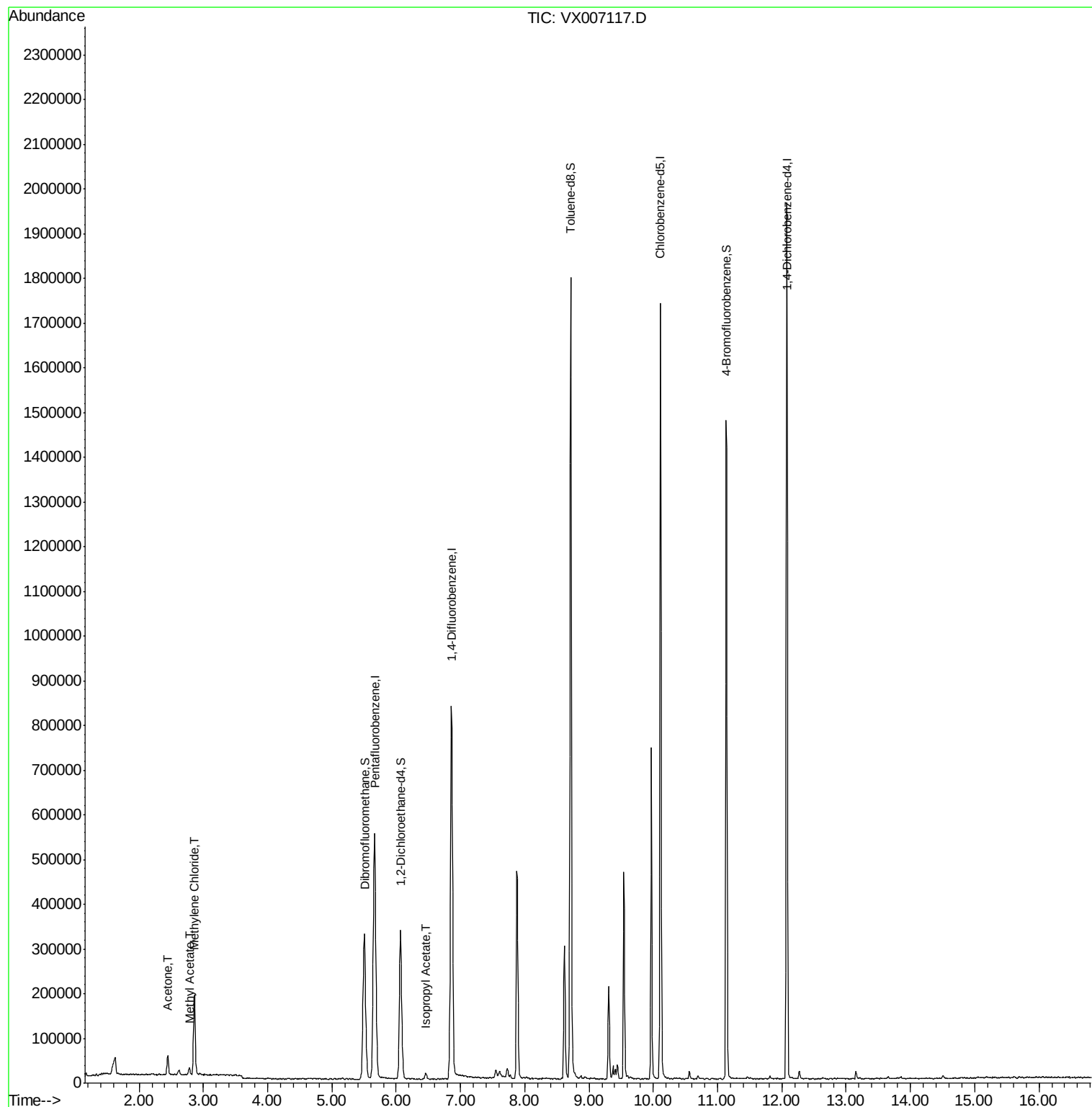
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	575431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	893376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	863583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	424632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	307071	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
35) Dibromofluoromethane	5.51	113	275888	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	1085220	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.13	95	389340	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
Target Compounds						
16) Acetone	2.45	43	48244	16.227	ug/l	97
18) Methyl Acetate	2.78	43	21015	2.441	ug/l	100
20) Methylene Chloride	2.86	84	86869	14.966	ug/l	97
43) Isopropyl Acetate	6.46	43	17722	1.349	ug/l	97

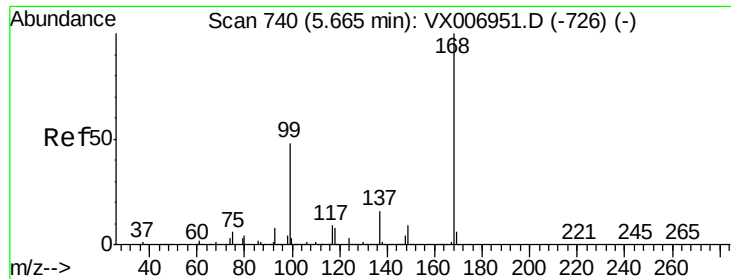
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007117.D

Acq: 18 Jan 2019 04:42

Instrument :

MSVOA_X

ClientSampleId :

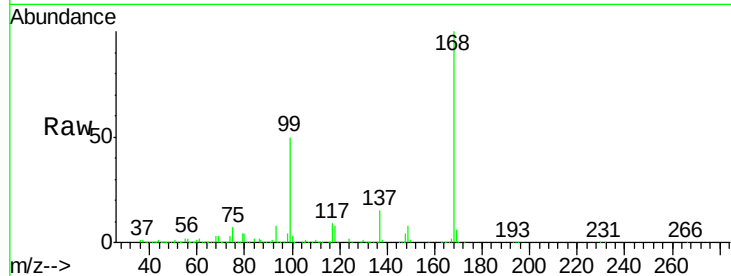
WC-03-011519

Tot Ion:168 Resp: 575431

Ion Ratio Lower Upper

168 100

99 50.1 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

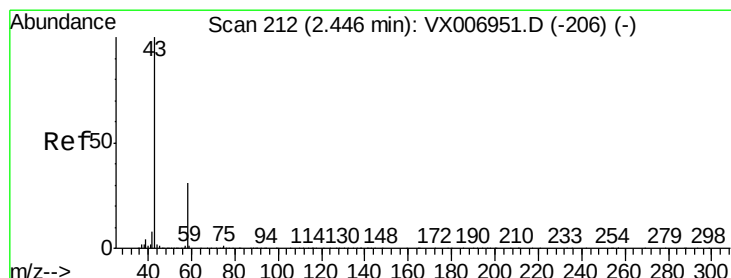
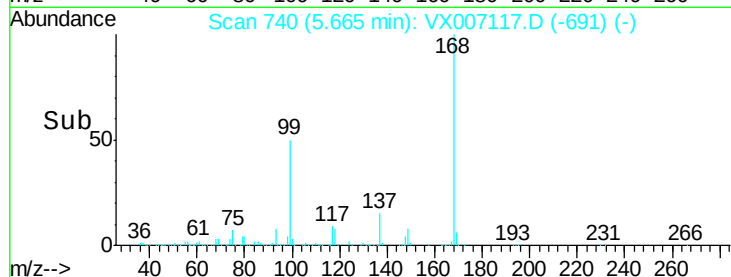
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.227 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007117.D

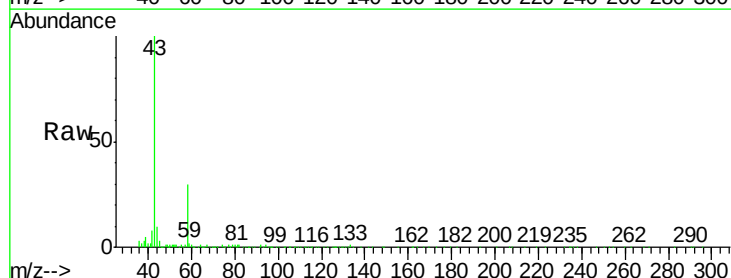
Acq: 18 Jan 2019 04:42

Tgt Ion: 43 Resp: 48244

Ion Ratio Lower Upper

43 100

58 29.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

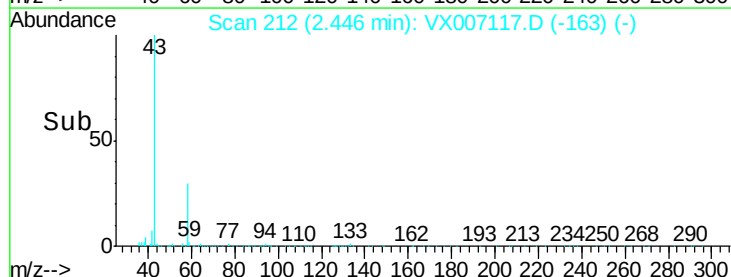
30000

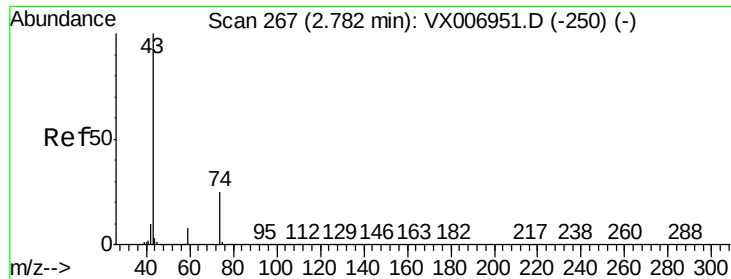
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55

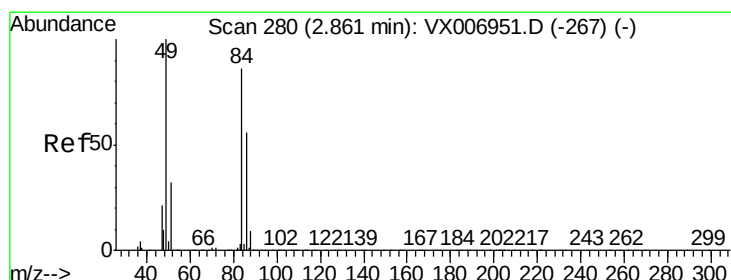
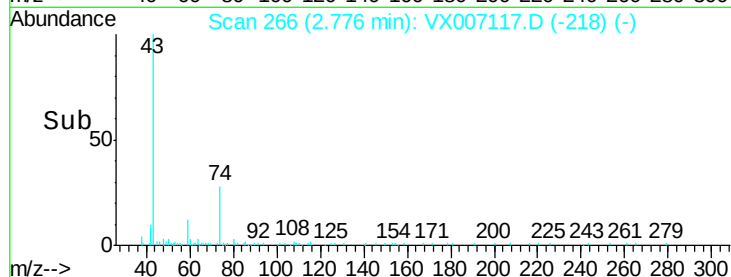
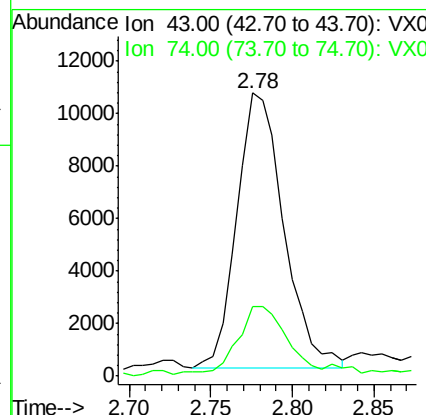
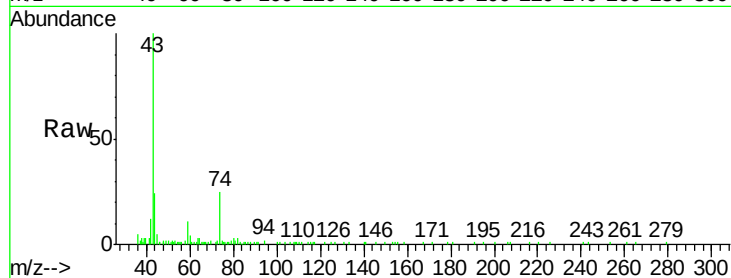




#18
Methyl Acetate
Concen: 2.441 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007117.D
Acq: 18 Jan 2019 04:42

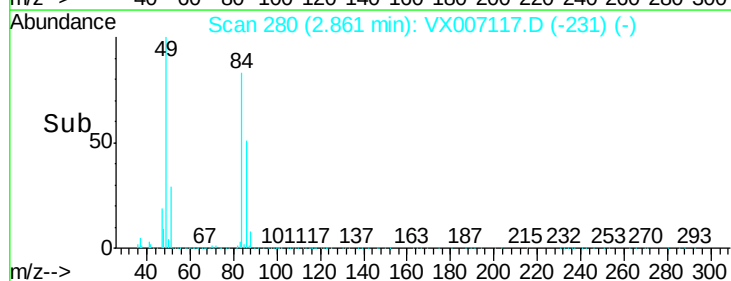
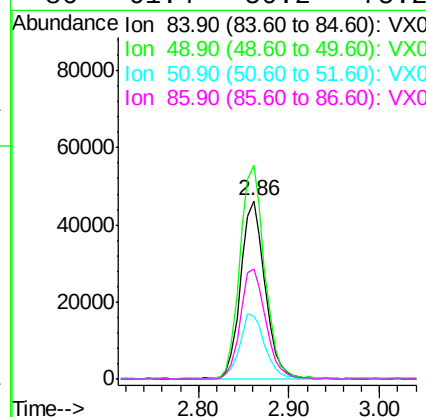
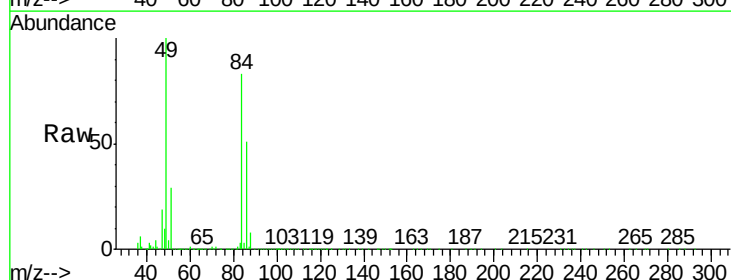
Instrument :
MSVOA_X
ClientSampleId :
WC-03-011519

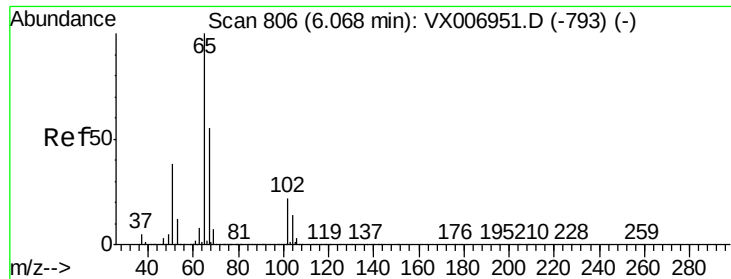
Tot Ion: 43 Resp: 21015
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0



#20
Methylene Chloride
Concen: 14.966 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007117.D
Acq: 18 Jan 2019 04:42

Tgt Ion: 84 Resp: 86869
Ion Ratio Lower Upper
84 100
49 119.8 91.8 137.6
51 34.9 28.5 42.7
86 61.4 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 51.062 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007117.D

Acq: 18 Jan 2019 04:42

Instrument :

MSVOA_X

ClientSampleId :

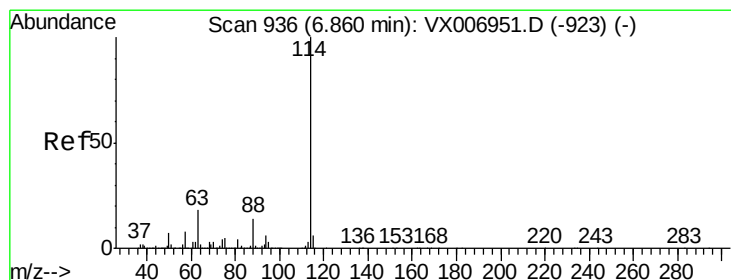
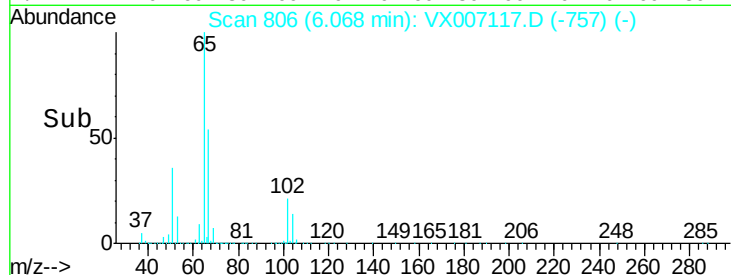
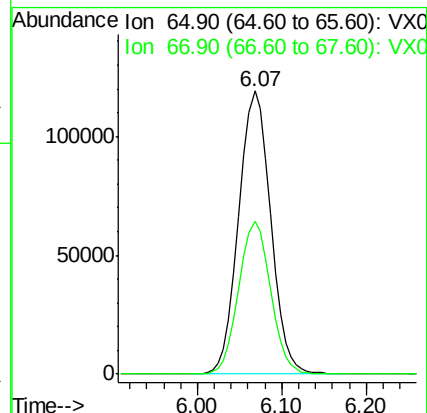
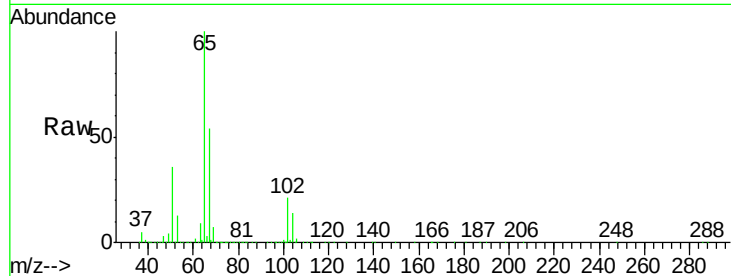
WC-03-011519

Tot Ion: 65 Resp: 307071

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007117.D

Acq: 18 Jan 2019 04:42

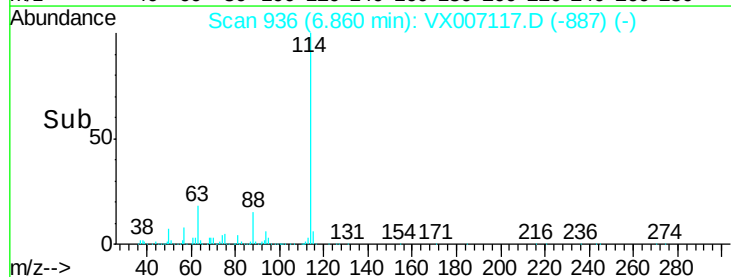
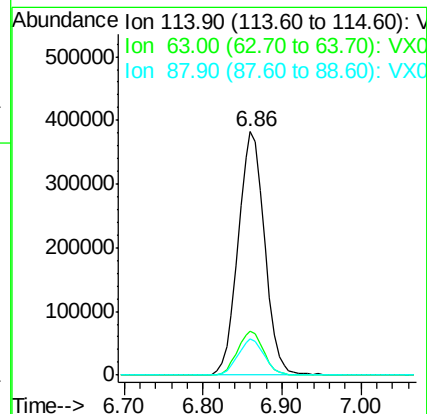
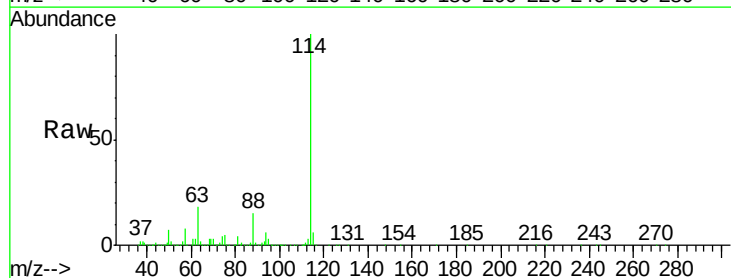
Tgt Ion: 114 Resp: 893376

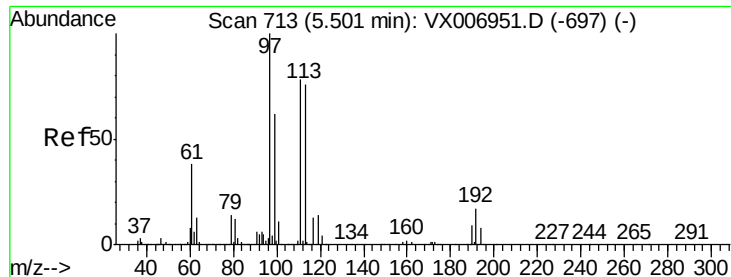
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.223 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007117.D

Acq: 18 Jan 2019 04:42

Instrument :

MSVOA_X

ClientSampleId :

WC-03-011519

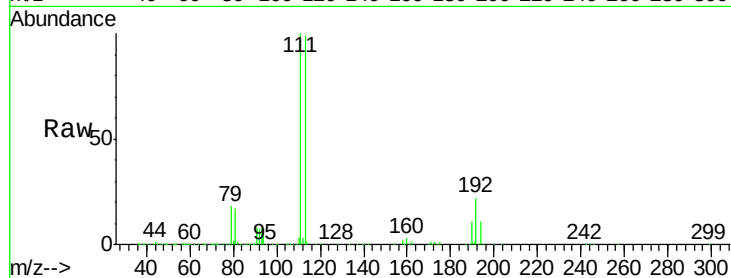
Tot Ion:113 Resp: 275888

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

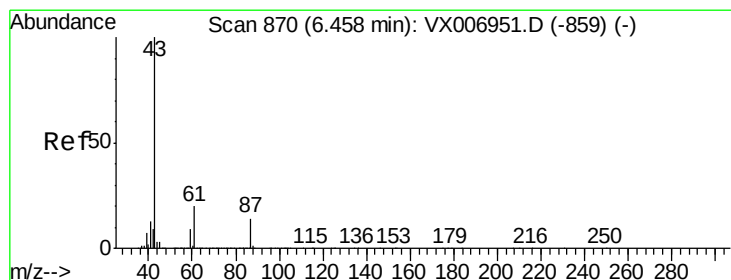
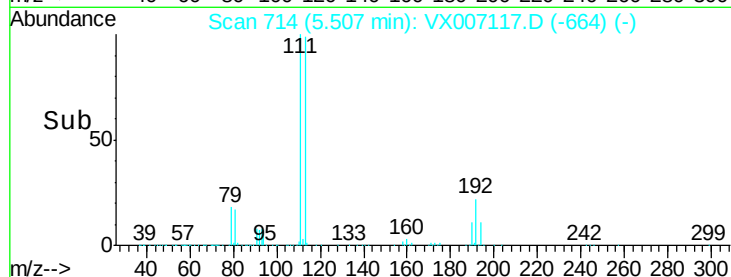
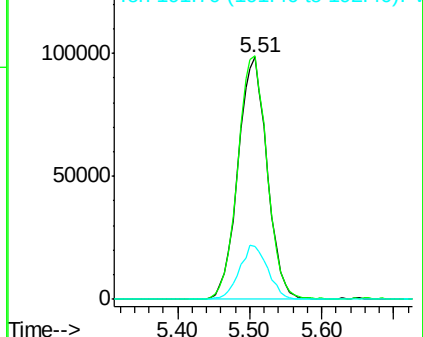
192 21.8 16.7 25.1



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



#43

Isopropyl Acetate

Concen: 1.349 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007117.D

Acq: 18 Jan 2019 04:42

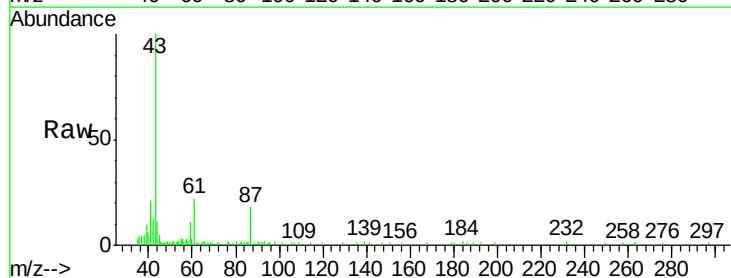
Tgt Ion: 43 Resp: 17722

Ion Ratio Lower Upper

43 100

61 22.6 16.8 25.2

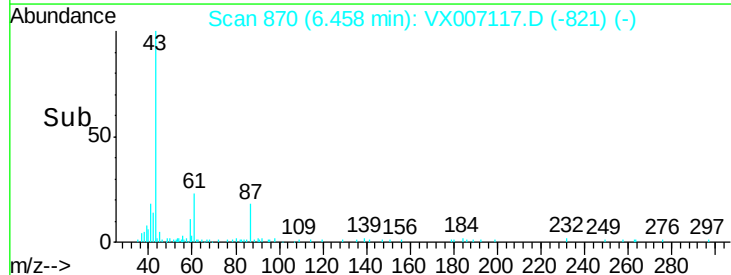
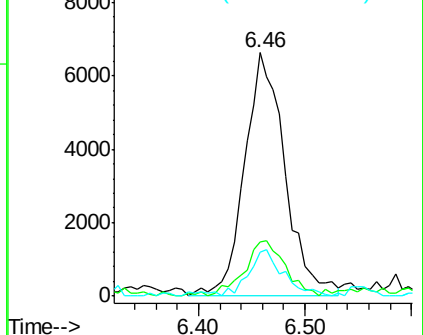
87 16.1 12.4 18.6

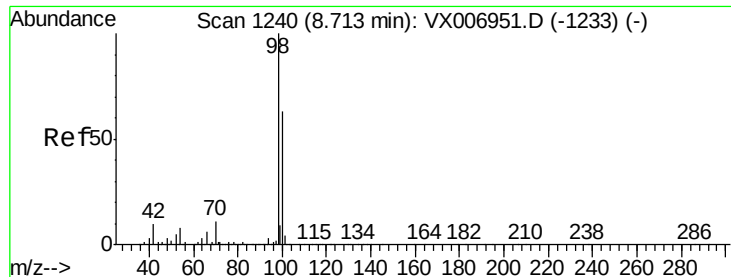


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.822 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007117.D

Acq: 18 Jan 2019 04:42

Instrument :

MSVOA_X

ClientSampleId :

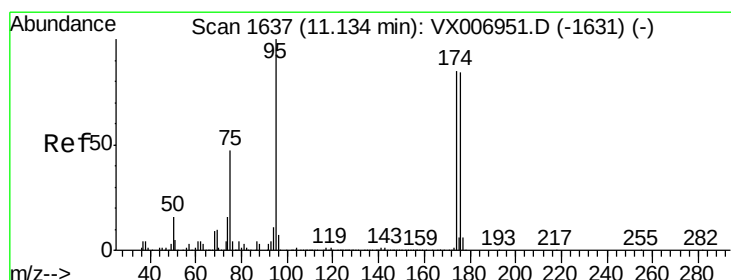
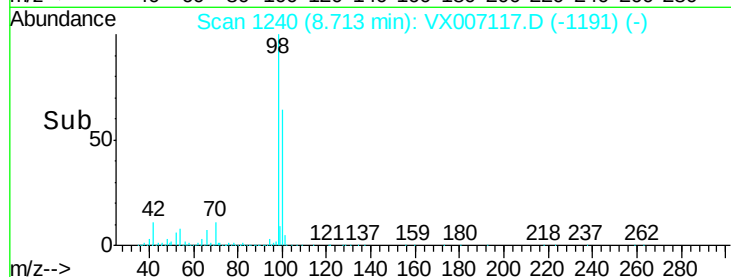
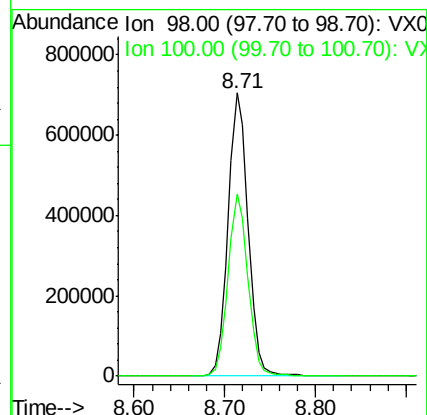
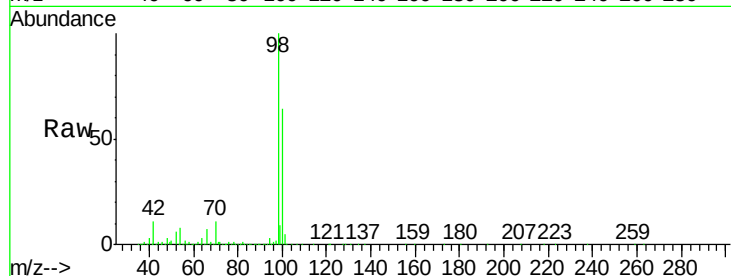
WC-03-011519

Tot Ion: 98 Resp: 1085220

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.330 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007117.D

Acq: 18 Jan 2019 04:42

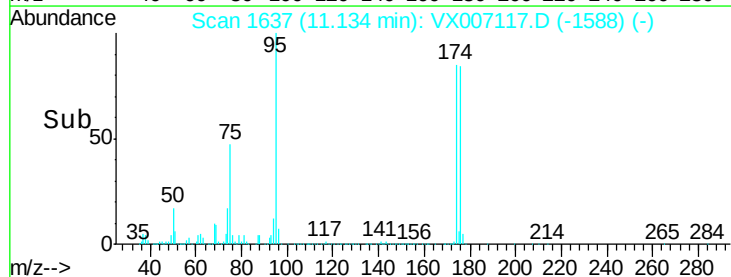
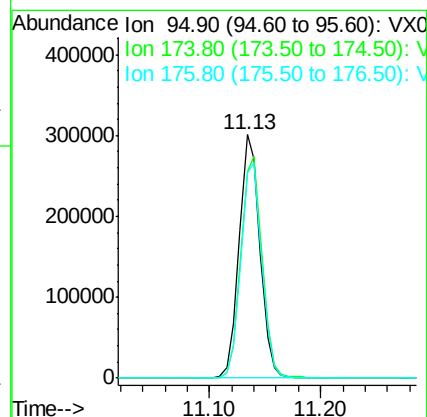
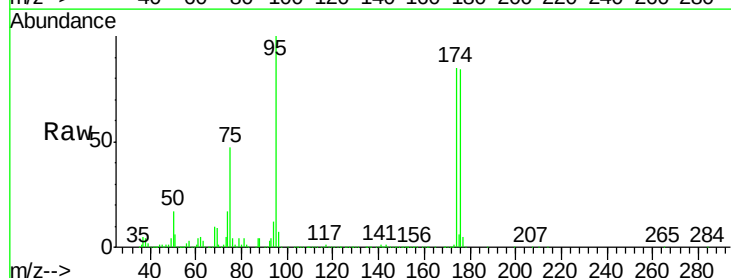
Tgt Ion: 95 Resp: 389340

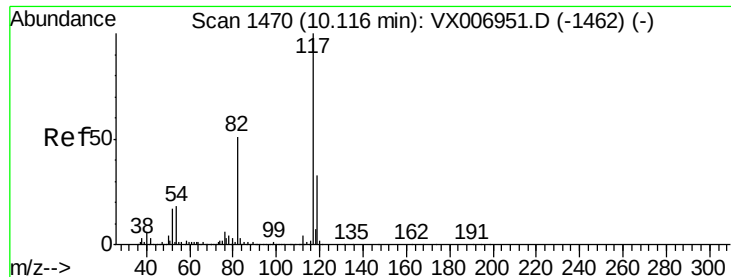
Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

176 89.5 0.0 178.8

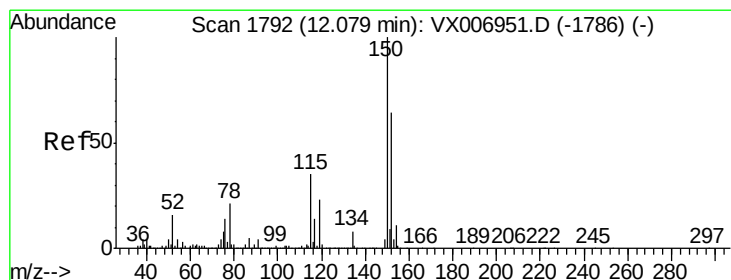
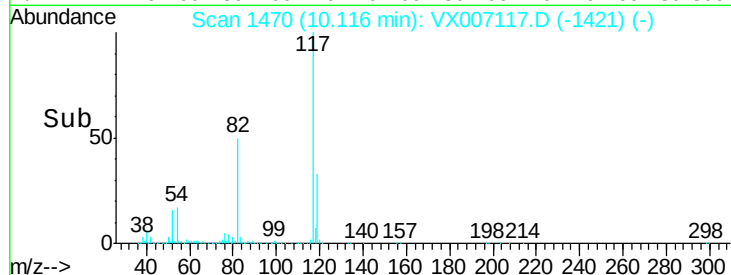
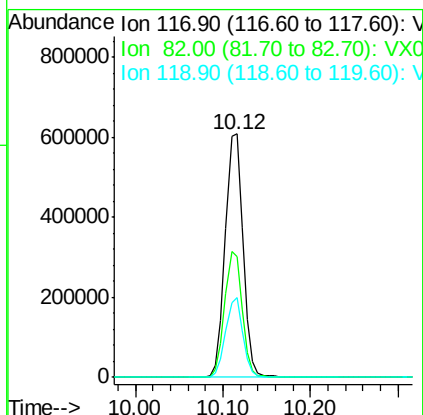
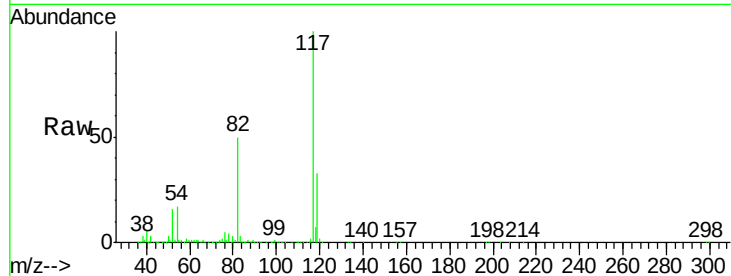




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007117.D
Acq: 18 Jan 2019 04:42

Instrument :
MSVOA_X
ClientSampleId :
WC-03-011519

Tot Ion:117 Resp: 863583
Ion Ratio Lower Upper
117 100
82 49.8 41.0 61.6
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007117.D
Acq: 18 Jan 2019 04:42

Tgt Ion:152 Resp: 424632
Ion Ratio Lower Upper
152 100
115 55.1 39.1 117.2
150 154.9 0.0 344.8

