

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\
 Data File : VX007044.D
 Acq On : 14 Jan 2019 17:22
 Operator : JC/SP
 Sample : K1126-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-3451

Quant Time: Jan 15 00:36:27 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

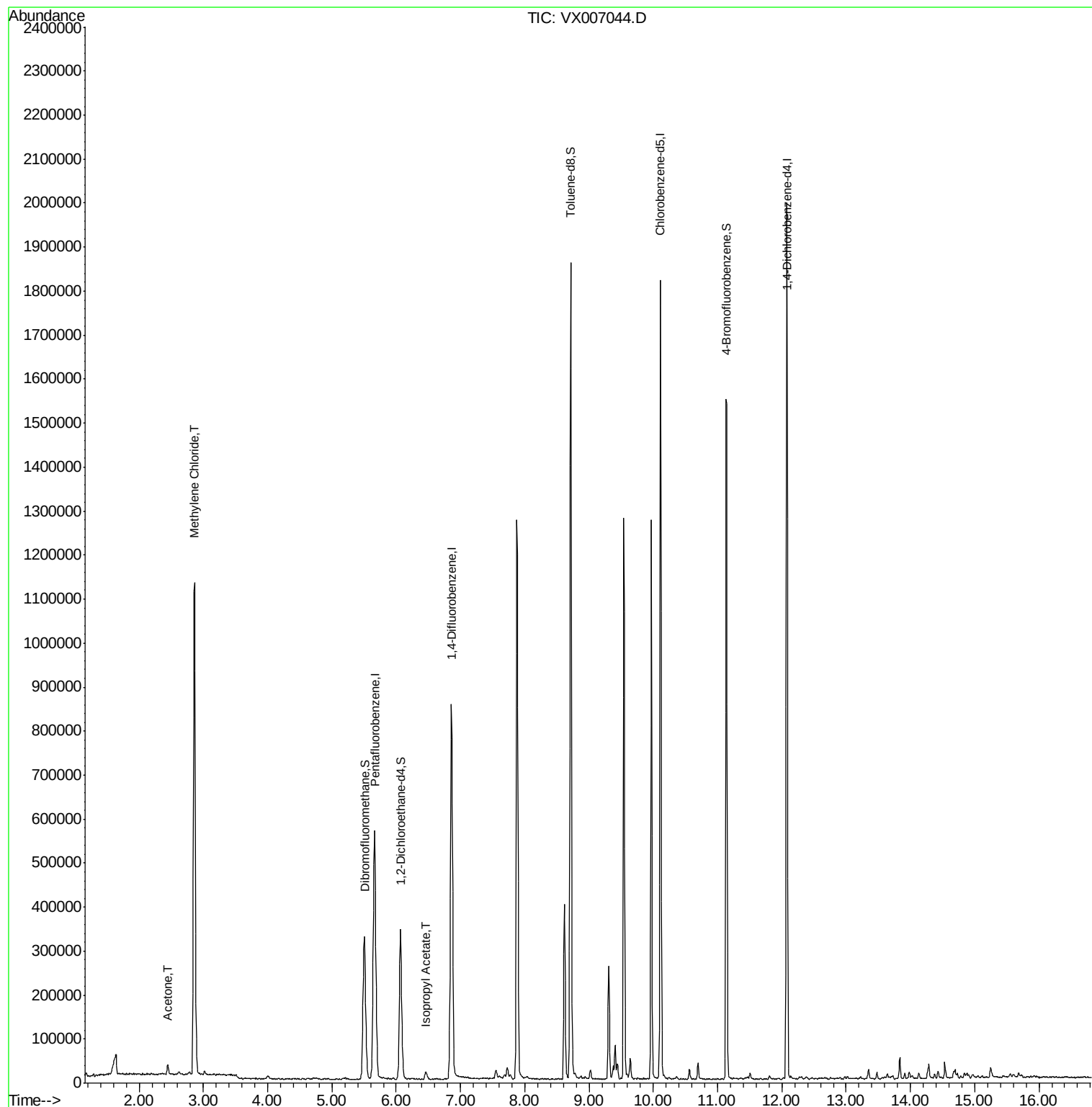
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	588197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	910804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	872962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	434699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	310805	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	5.51	113	279742	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
50) Toluene-d8	8.71	98	1111742	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.13	95	397272	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
Target Compounds						
16) Acetone	2.45	43	23689	7.795	ug/l	93
20) Methylene Chloride	2.86	84	538772	93.706	ug/l	97
43) Isopropyl Acetate	6.46	43	22125	1.652	ug/l	93

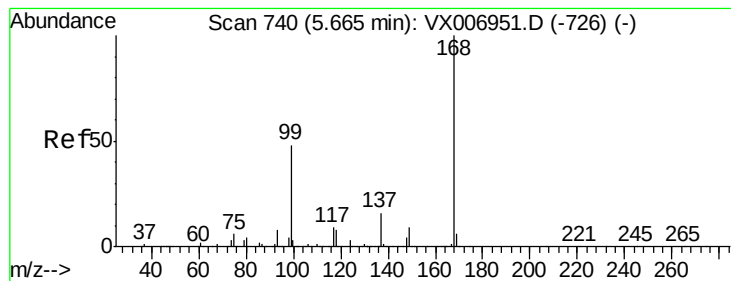
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007044.D

Acq: 14 Jan 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

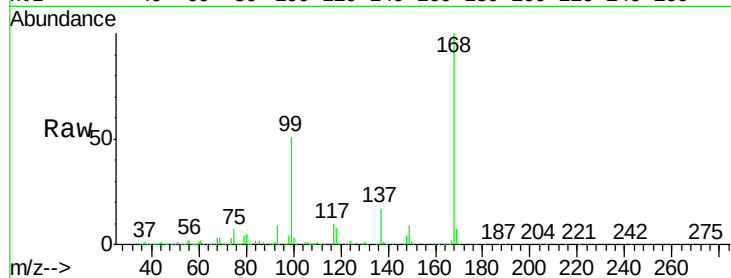
RT-3451

Tot Ion:168 Resp: 588197

Ion Ratio Lower Upper

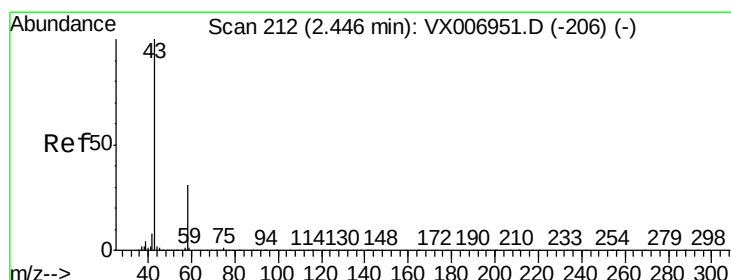
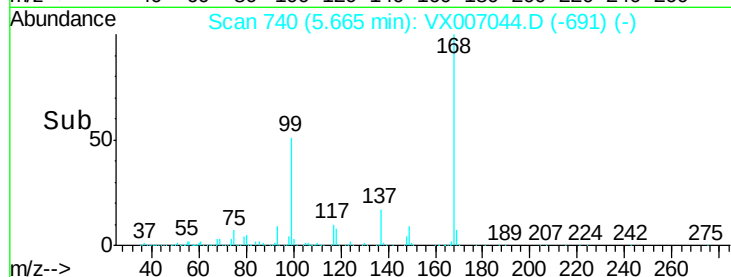
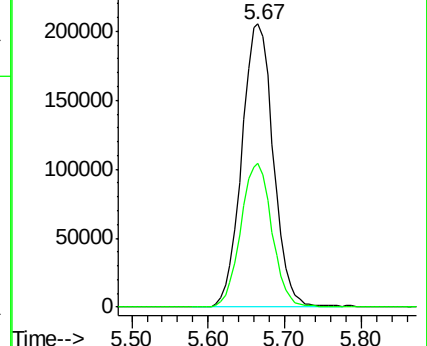
168 100

99 50.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.795 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007044.D

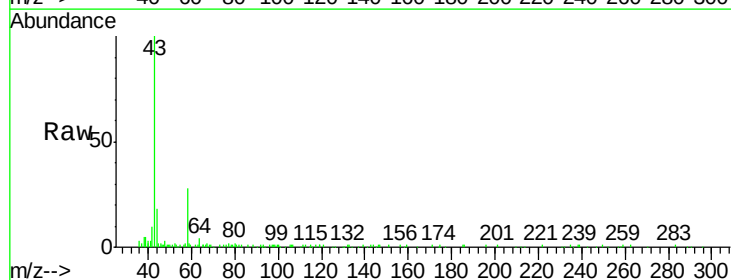
Acq: 14 Jan 2019 17:22

Tgt Ion: 43 Resp: 23689

Ion Ratio Lower Upper

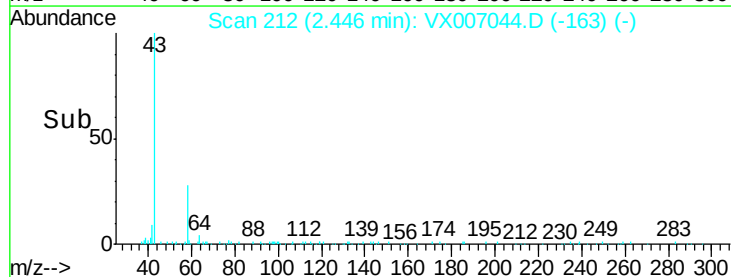
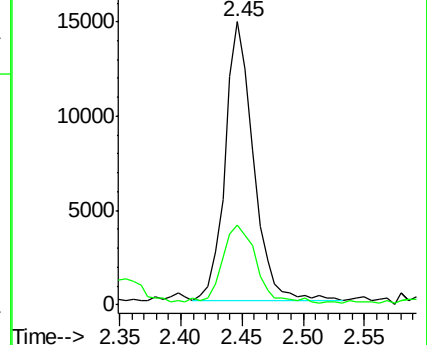
43 100

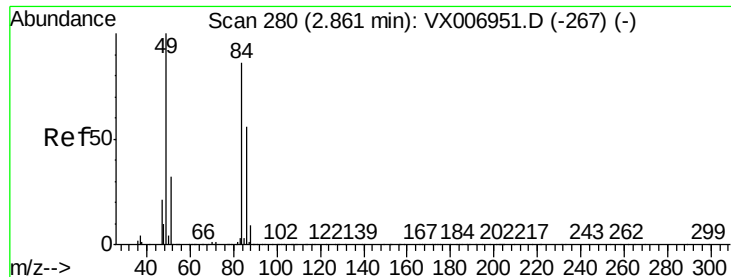
58 27.5 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 93.706 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007044.D

Acq: 14 Jan 2019 17:22

Instrument :

MSVOA_X

ClientSampled :

RT-3451

Tot Ion: 84 Resp: 538772

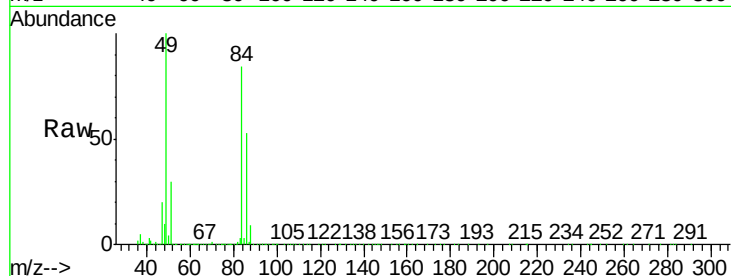
Ion Ratio Lower Upper

84 100

49 119.5 91.8 137.6

51 35.3 28.5 42.7

86 63.2 50.2 75.2

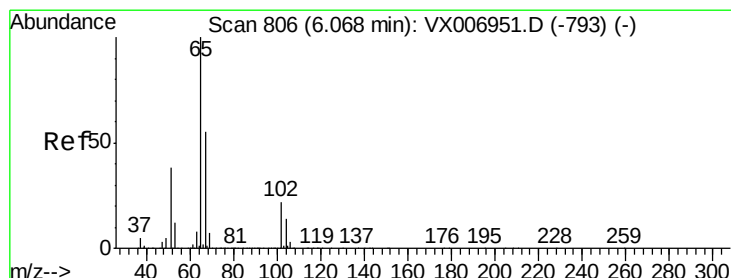
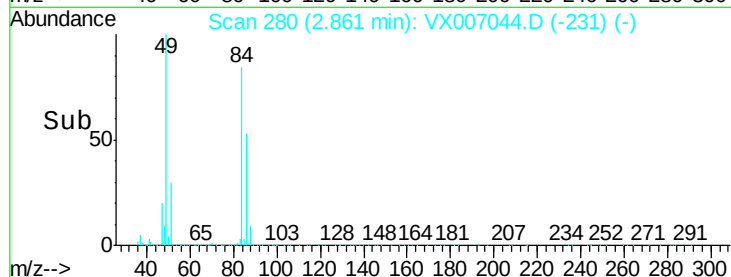
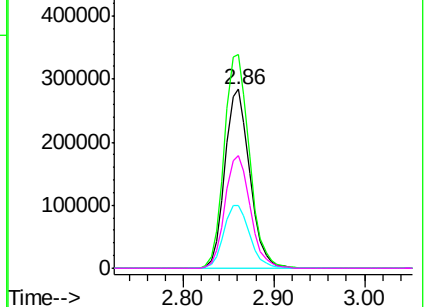


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.561 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007044.D

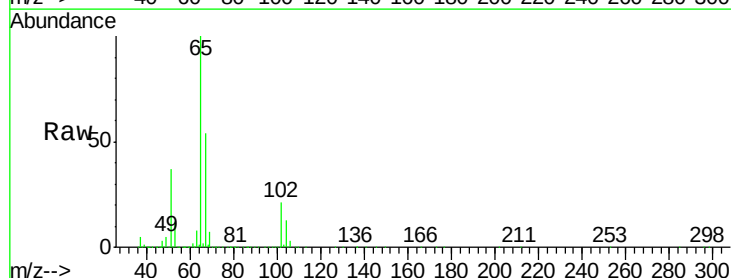
Acq: 14 Jan 2019 17:22

Tgt Ion: 65 Resp: 310805

Ion Ratio Lower Upper

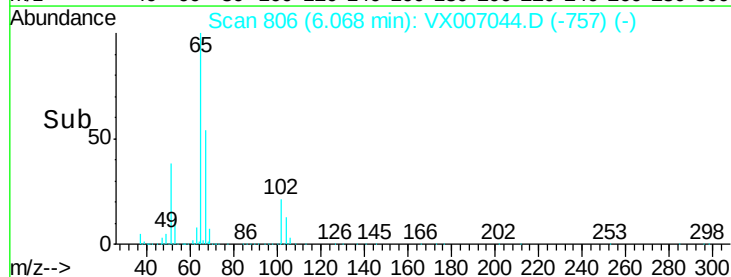
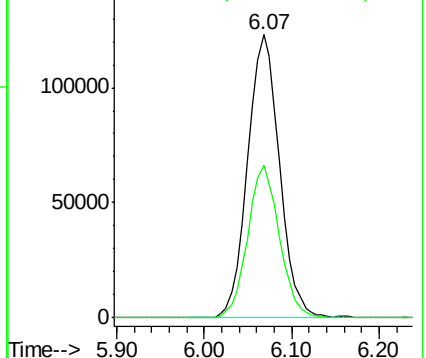
65 100

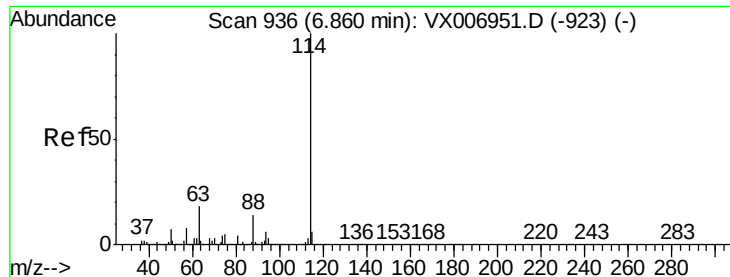
67 53.6 0.0 105.0



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: VX007044.D

Acq: 14 Jan 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

RT-3451

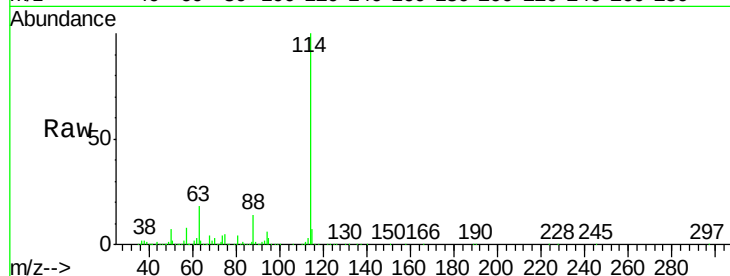
Tot Ion:114 Resp: 910804

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

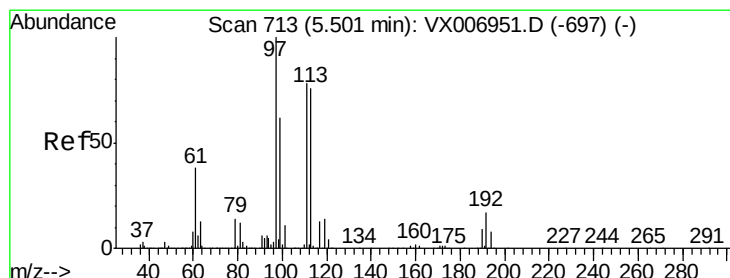
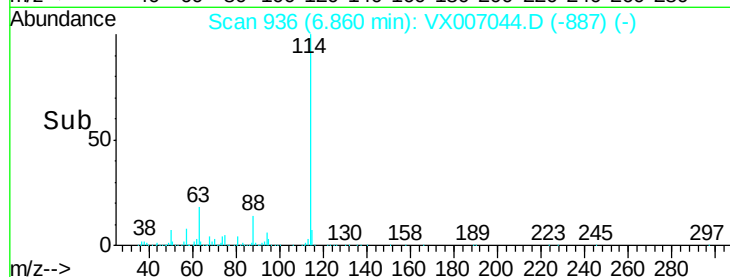
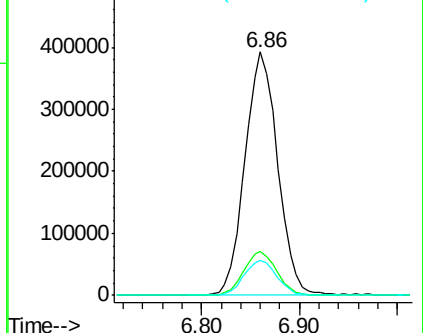
88 14.2 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 47.961 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007044.D

Acq: 14 Jan 2019 17:22

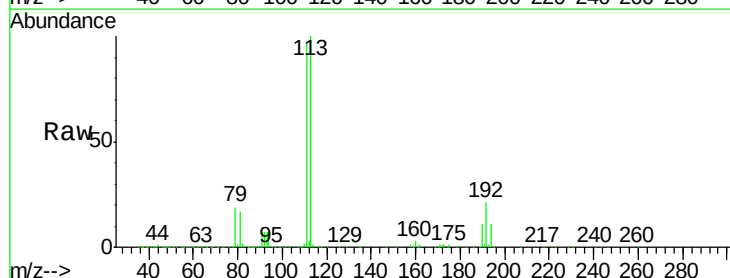
Tgt Ion:113 Resp: 279742

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

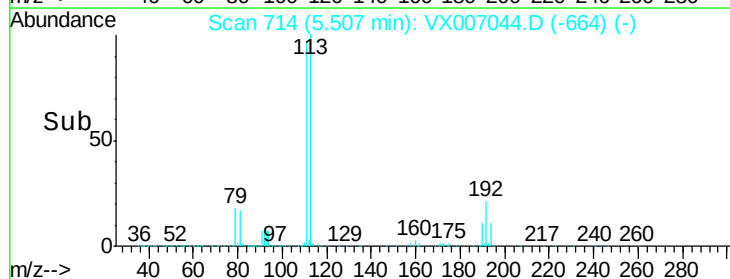
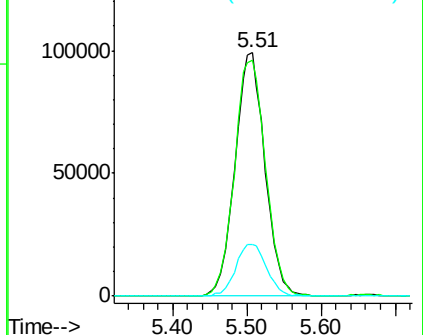
192 22.0 16.7 25.1

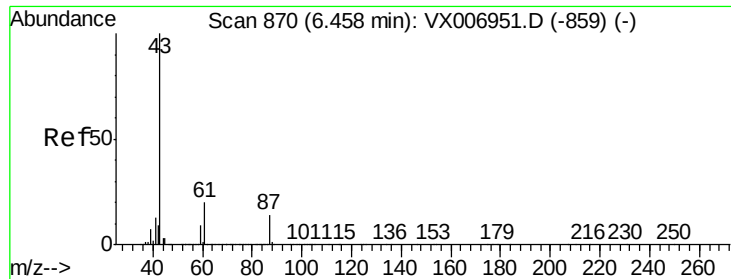


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.652 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007044.D

Acq: 14 Jan 2019 17:22

Instrument :

MSVOA_X

ClientSampled :

RT-3451

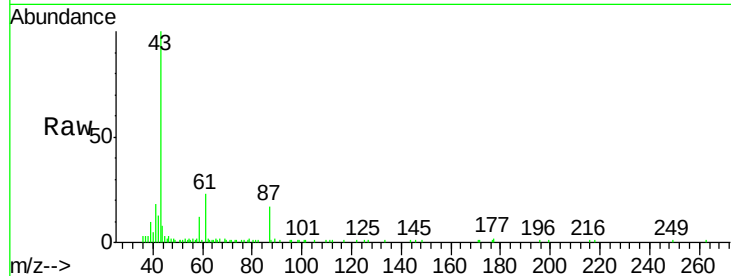
Tot Ion: 43 Resp: 22125

Ion Ratio Lower Upper

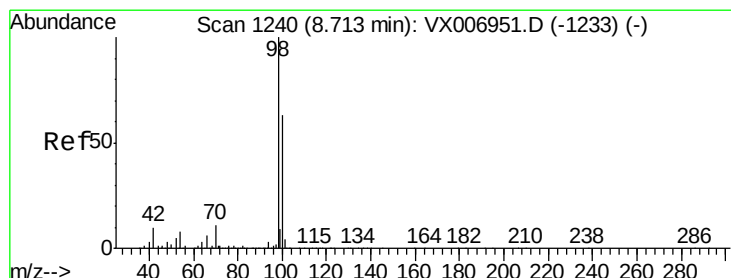
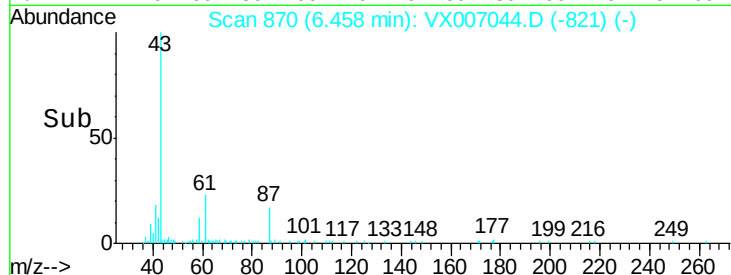
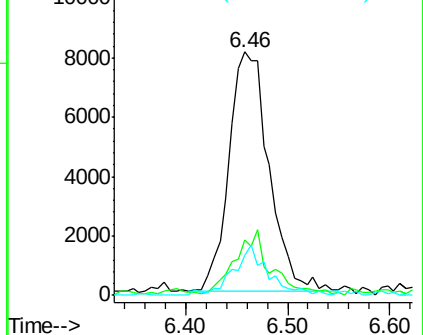
43 100

61 24.6 16.8 25.2

87 18.1 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: 52.073 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007044.D

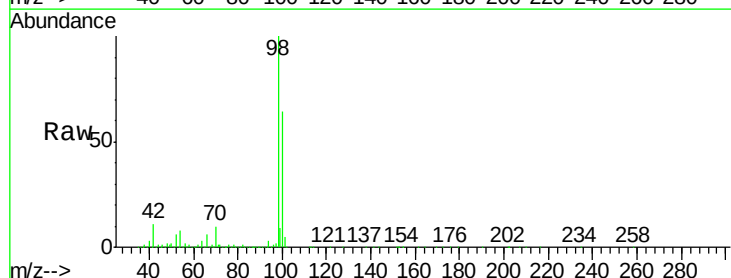
Acq: 14 Jan 2019 17:22

Tgt Ion: 98 Resp: 1111742

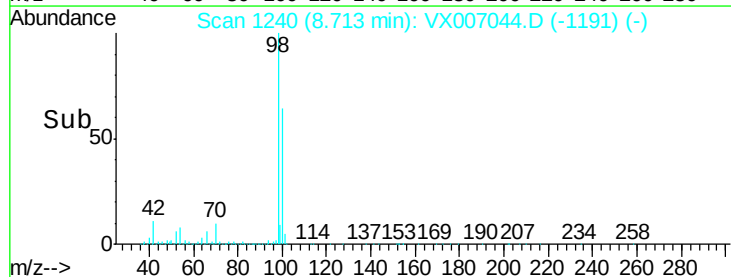
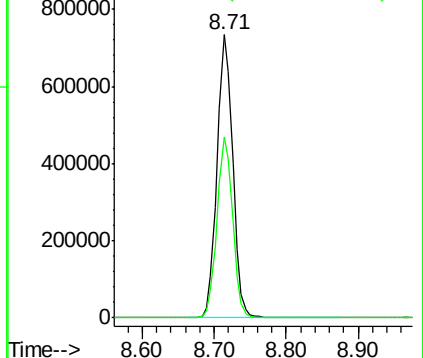
Ion Ratio Lower Upper

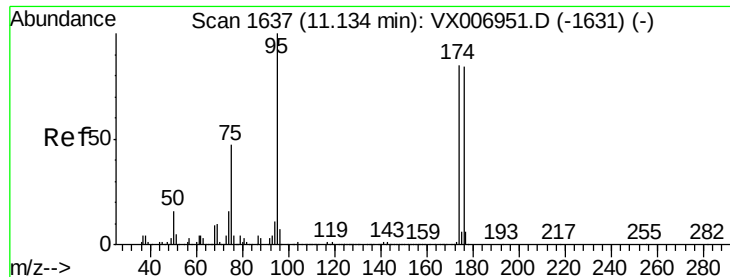
98 100

100 63.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.375 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007044.D

Acq: 14 Jan 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

RT-3451

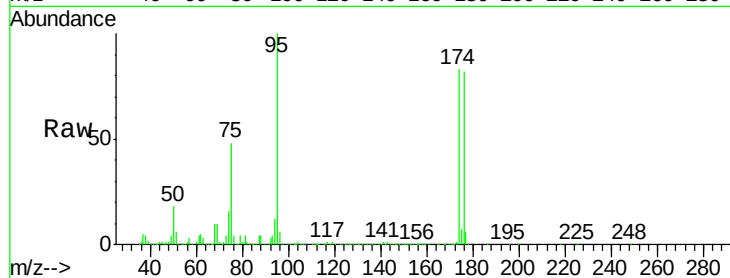
Tot Ion: 95 Resp: 397272

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.2

176 90.3 0.0 178.8



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

11.13

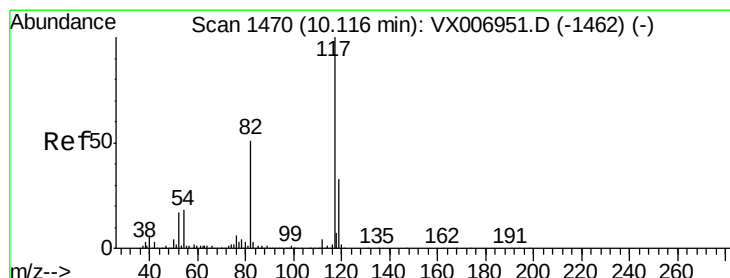
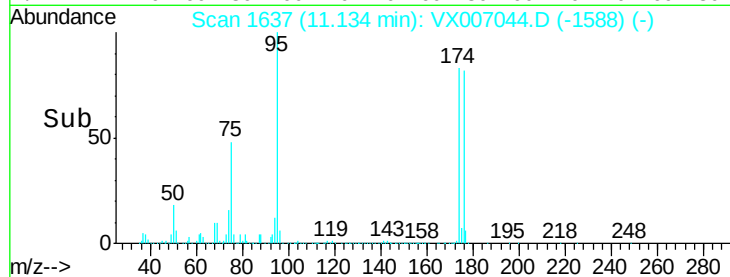
300000

200000

100000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007044.D

Acq: 14 Jan 2019 17:22

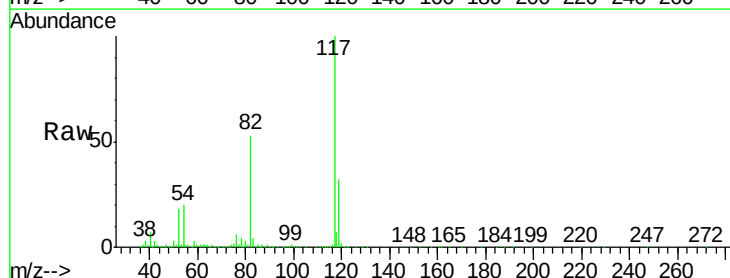
Tgt Ion: 117 Resp: 872962

Ion Ratio Lower Upper

117 100

82 52.8 41.0 61.6

119 32.1 25.4 38.0



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

10.11

800000

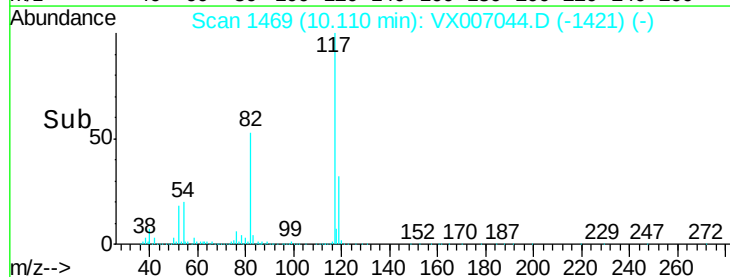
600000

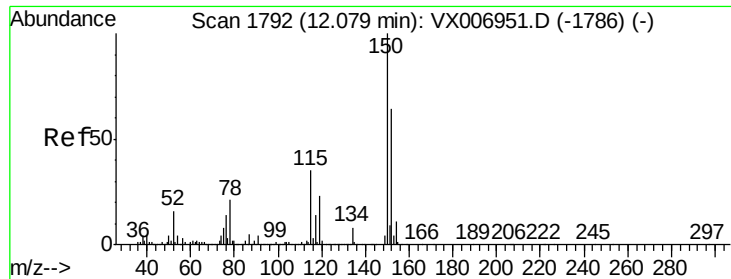
400000

200000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007044.D

Acq: 14 Jan 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

RT-3451

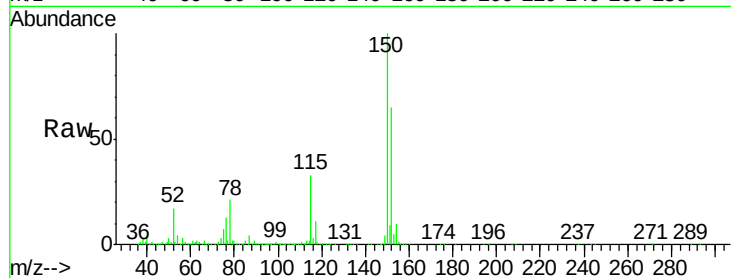
Tot Ion:152 Resp: 434699

Ion Ratio Lower Upper

152 100

115 52.9 39.1 117.2

150 153.8 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

