

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006916.D
 Acq On : 04 Jan 2019 16:31
 Operator : JC/MD
 Sample : PB116150TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116150TB

Quant Time: Jan 04 22:51:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

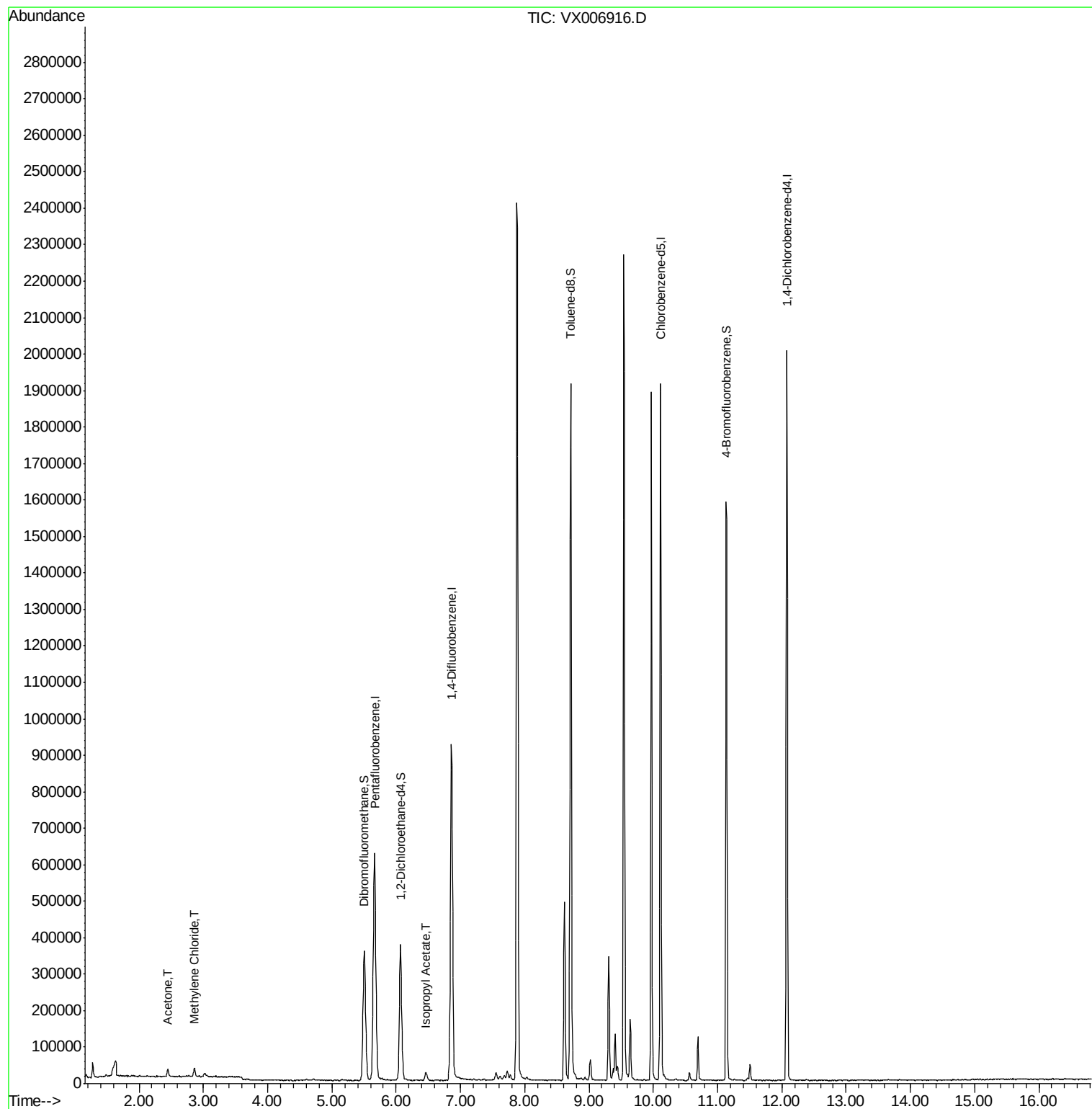
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	646932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	990459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	938205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	445712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	339412	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	302066	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	8.71	98	1190637	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	420307	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
Target Compounds						
16) Acetone	2.45	43	24318	7.592	ug/l	99
20) Methylene Chloride	2.86	84	11298	1.706	ug/l #	86
43) Isopropyl Acetate	6.46	43	29336	2.258	ug/l #	91

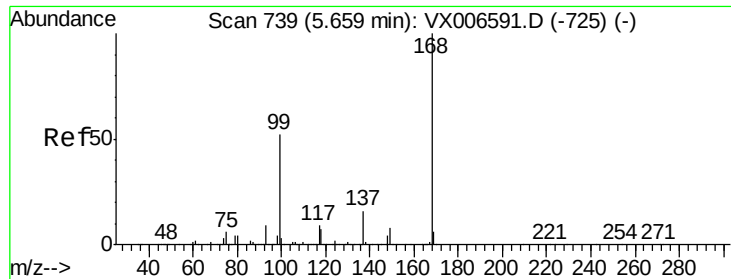
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006916.D

Acq: 04 Jan 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

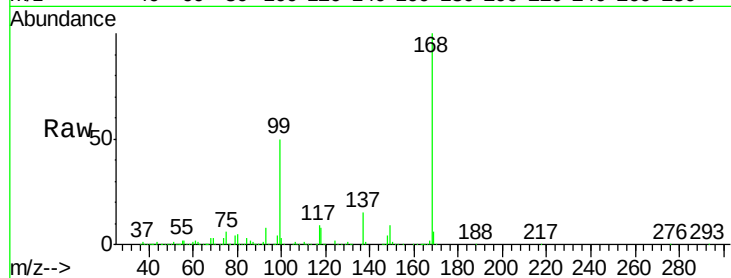
PB116150TB

Tot Ion:168 Resp: 646932

Ion Ratio Lower Upper

168 100

99 49.9 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

250000

200000

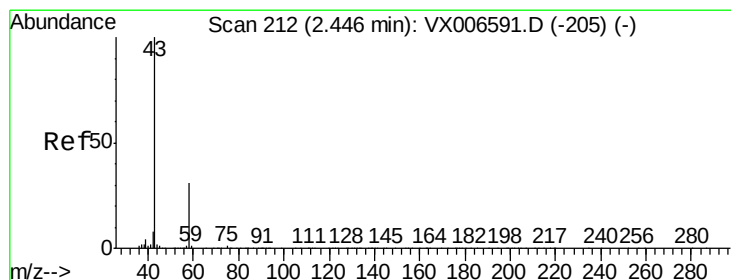
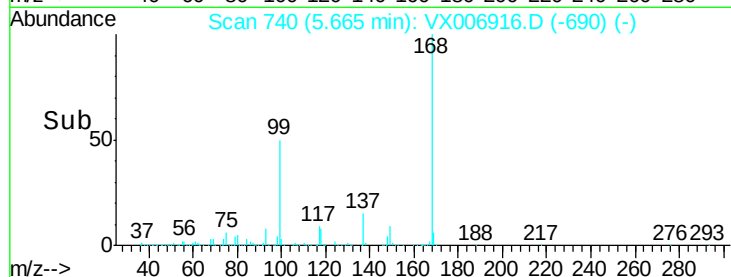
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.592 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006916.D

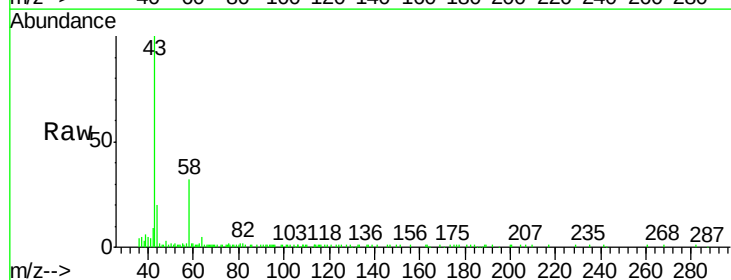
Acq: 04 Jan 2019 16:31

Tgt Ion: 43 Resp: 24318

Ion Ratio Lower Upper

43 100

58 30.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

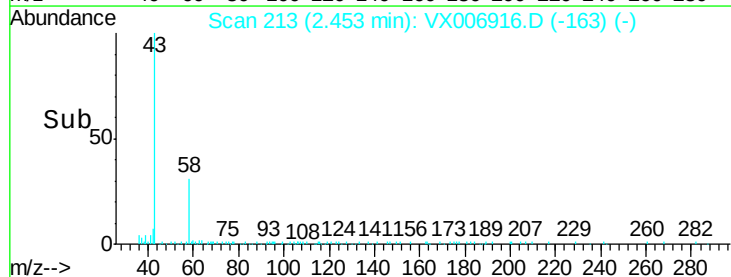
2.45

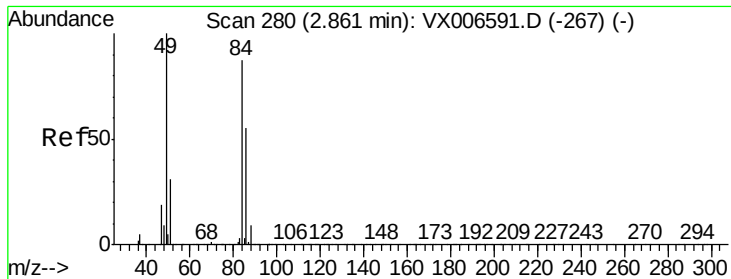
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#20

Methylene Chloride

Concen: 1.706 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006916.D

Acq: 04 Jan 2019 16:31

Instrument :

MSVOA_X

ClientSampled :

PB116150TB

Tot Ion: 84 Resp: 11298

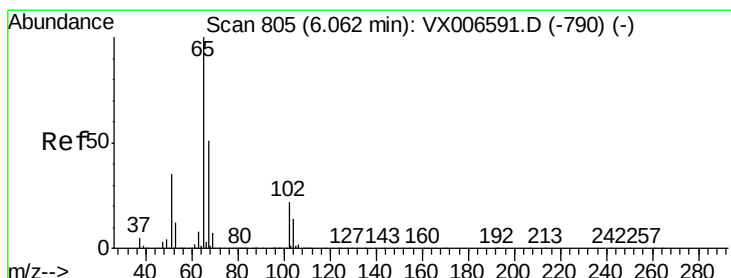
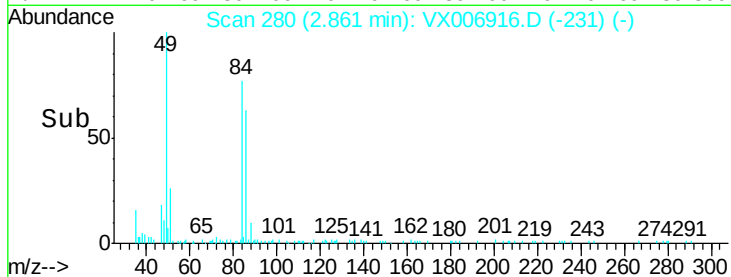
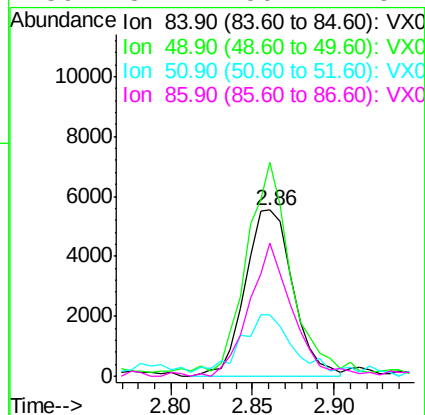
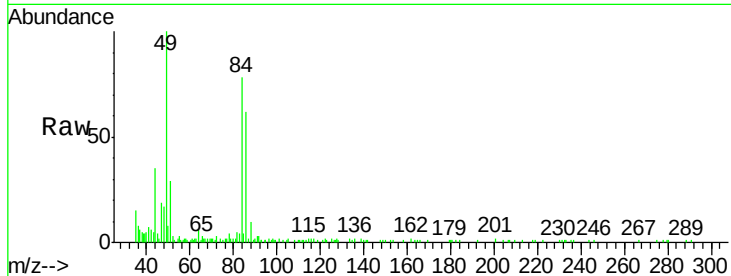
Ion Ratio Lower Upper

84 100

49 127.3 91.8 137.6

51 34.9 28.5 42.7

86 81.4 50.2 75.2#



#33

1,2-Dichloroethane-d4

Concen: 48.680 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006916.D

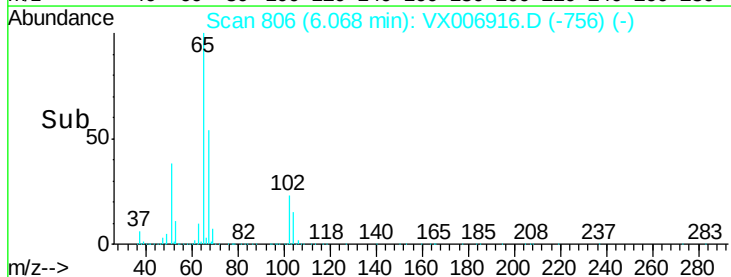
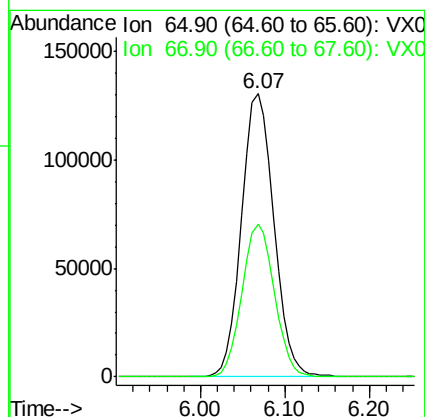
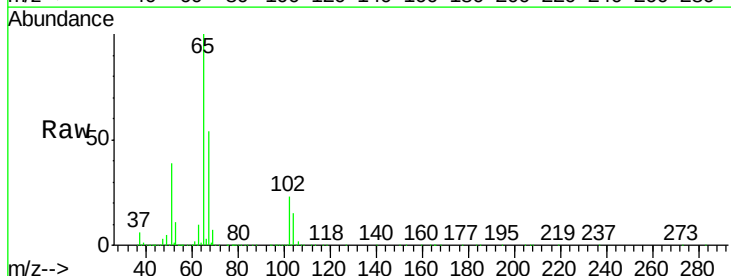
Acq: 04 Jan 2019 16:31

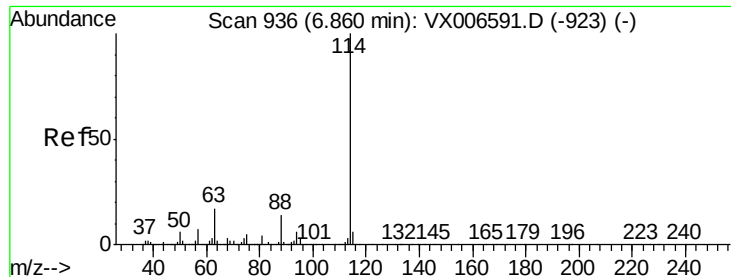
Tgt Ion: 65 Resp: 339412

Ion Ratio Lower Upper

65 100

67 54.0 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: VX006916.D

Acq: 04 Jan 2019 16:31

Instrument :

MSVOA_X

ClientSampled :

PB116150TB

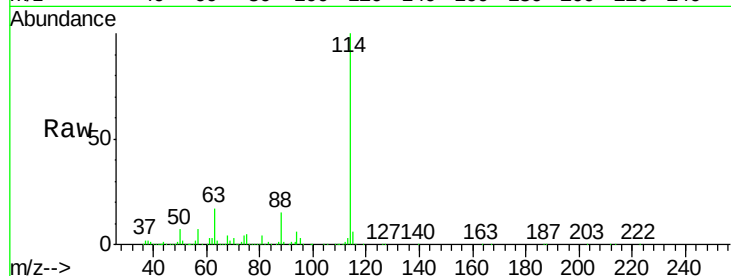
Tot Ion:114 Resp: 990459

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

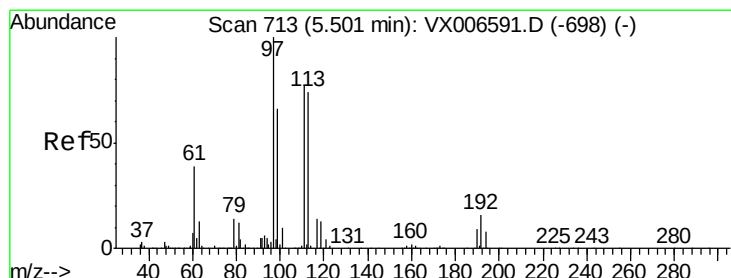
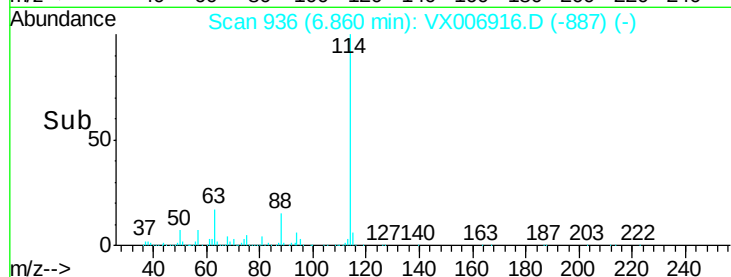
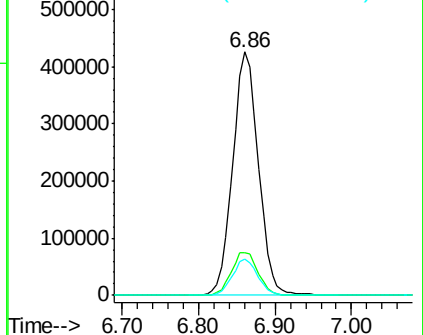
88 14.9 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 48.227 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006916.D

Acq: 04 Jan 2019 16:31

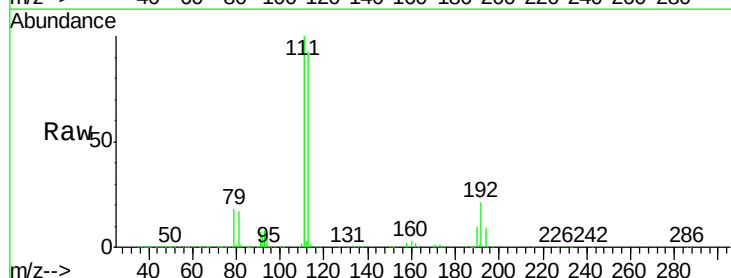
Tgt Ion:113 Resp: 302066

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

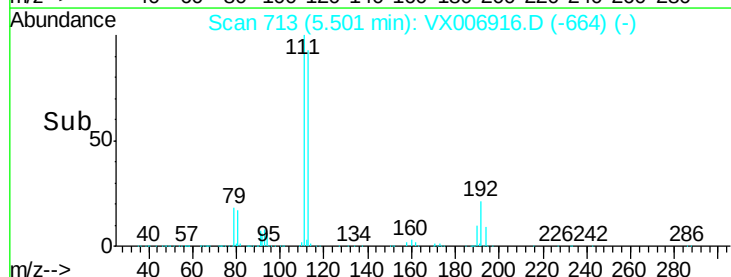
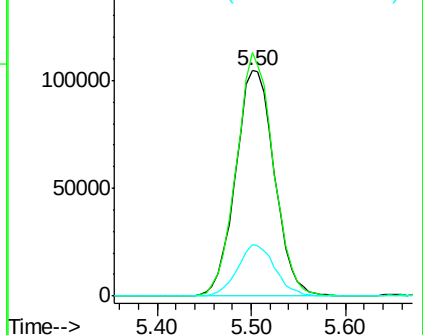
192 22.2 16.7 25.1

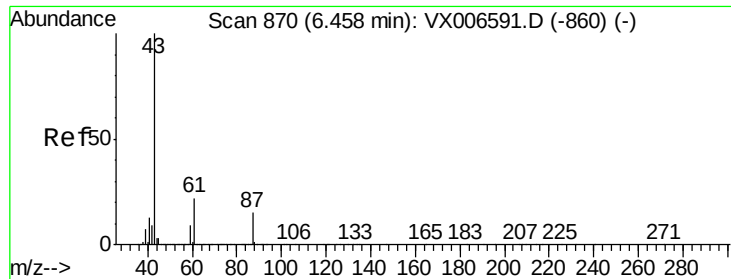


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.258 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006916.D

Acq: 04 Jan 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

PB116150TB

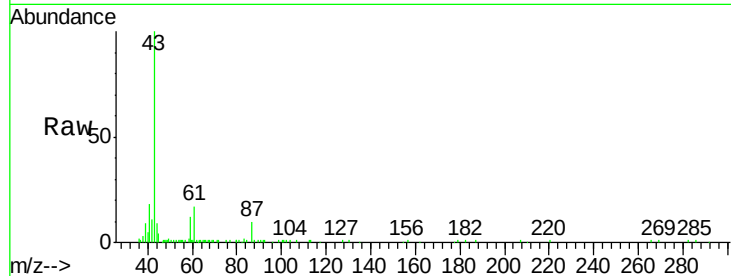
Tot Ion: 43 Resp: 29336

Ion Ratio Lower Upper

43 100

61 21.9 16.8 25.2

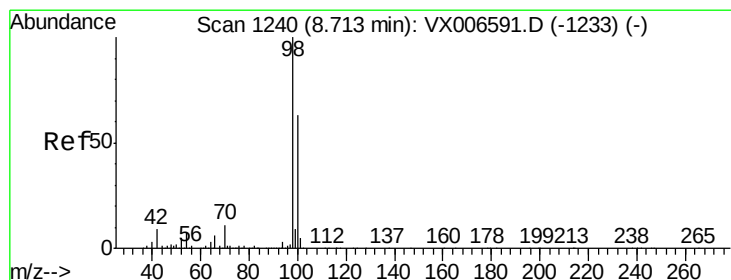
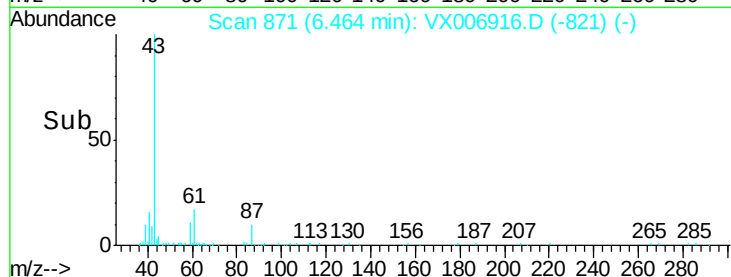
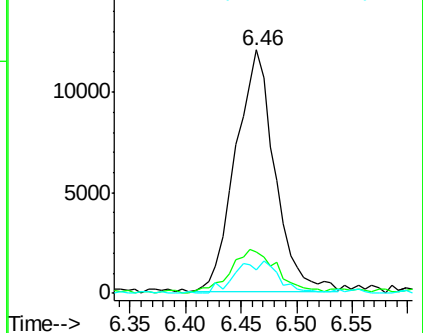
87 8.0 12.4 18.6#



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: 50.422 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006916.D

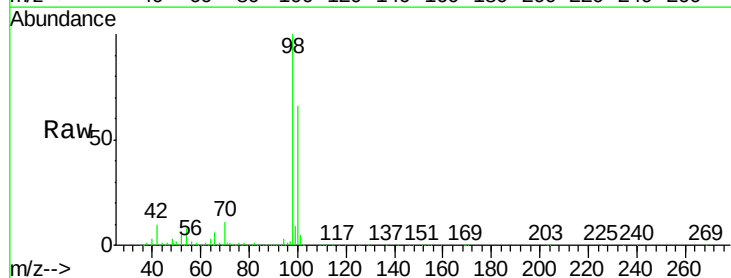
Acq: 04 Jan 2019 16:31

Tgt Ion: 98 Resp: 1190637

Ion Ratio Lower Upper

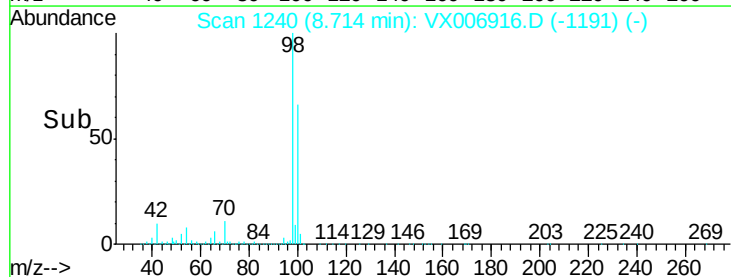
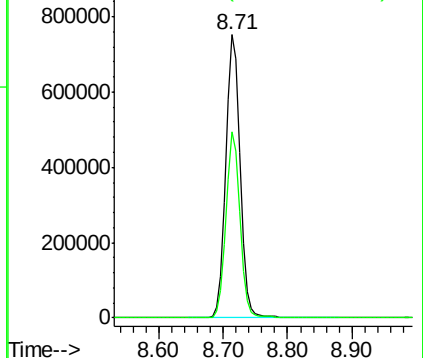
98 100

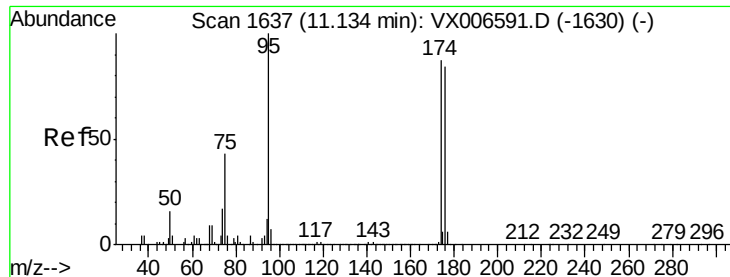
100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

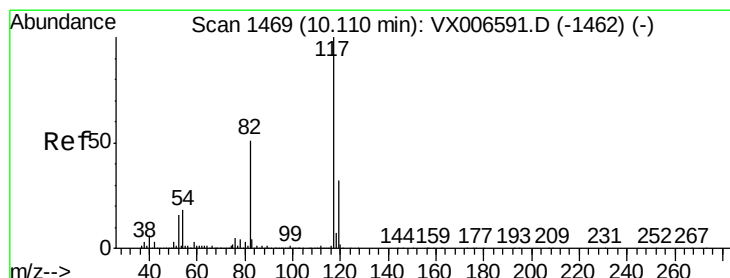
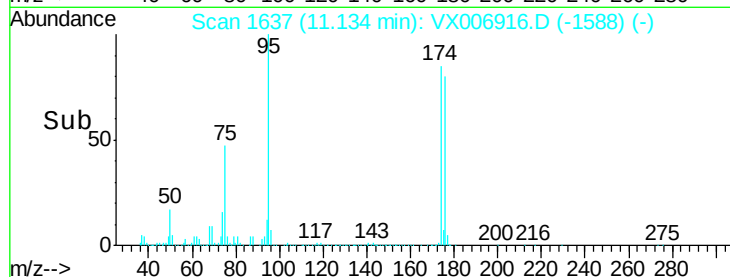
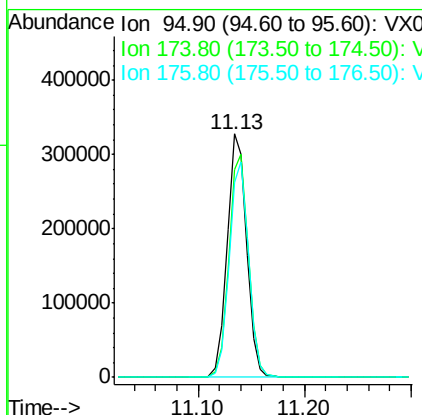
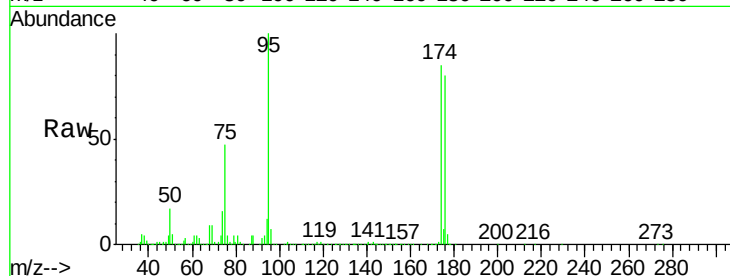




#62
4-Bromofluorobenzene
Concen: 48.600 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006916.D
Acq: 04 Jan 2019 16:31

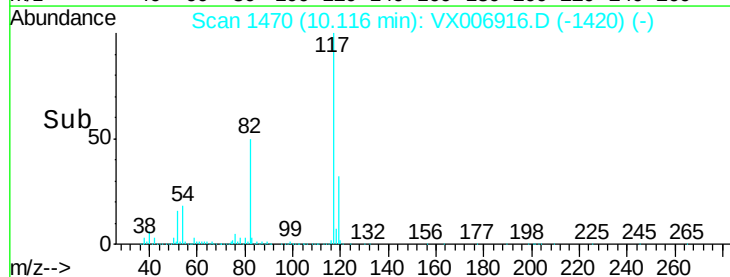
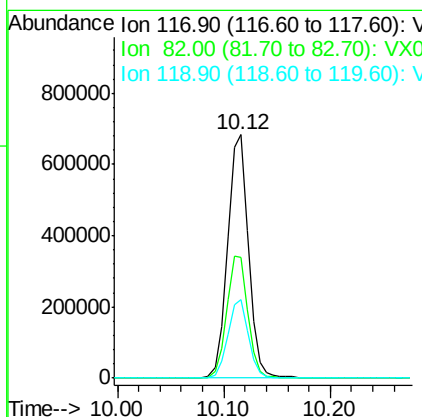
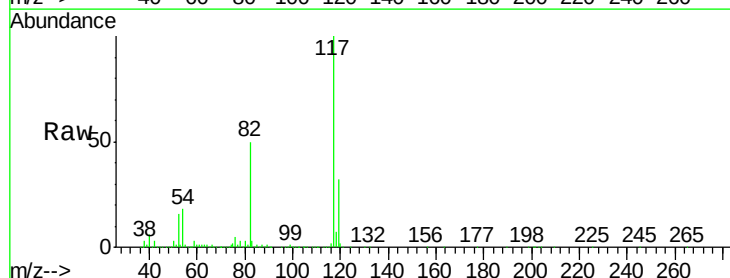
Instrument :
MSVOA_X
ClientSampleId :
PB116150TB

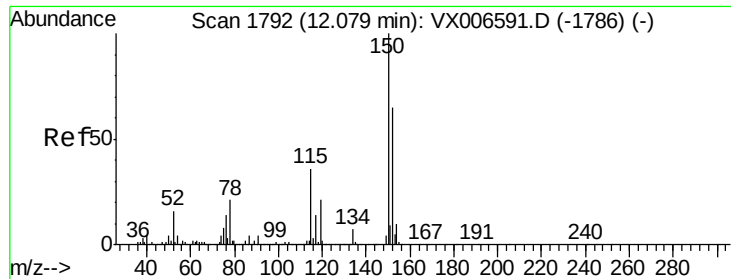
Tot Ion: 95 Resp: 420307
Ion Ratio Lower Upper
95 100
174 91.9 0.0 182.2
176 88.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006916.D
Acq: 04 Jan 2019 16:31

Tgt Ion: 117 Resp: 938205
Ion Ratio Lower Upper
117 100
82 49.6 41.0 61.6
119 32.2 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: VX006916.D

Acq: 04 Jan 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

PB116150TB

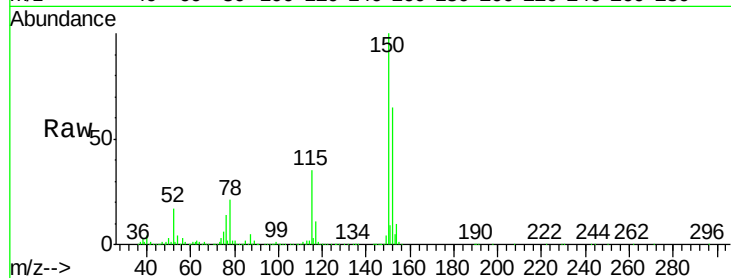
Tot Ion:152 Resp: 445712

Ion Ratio Lower Upper

152 100

115 55.1 39.1 117.2

150 156.1 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

