

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007209.D
 Acq On : 24 Jan 2019 17:42
 Operator : JC/SP
 Sample : PB116589ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116589ZHE#01

Quant Time: Jan 25 02:31:40 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

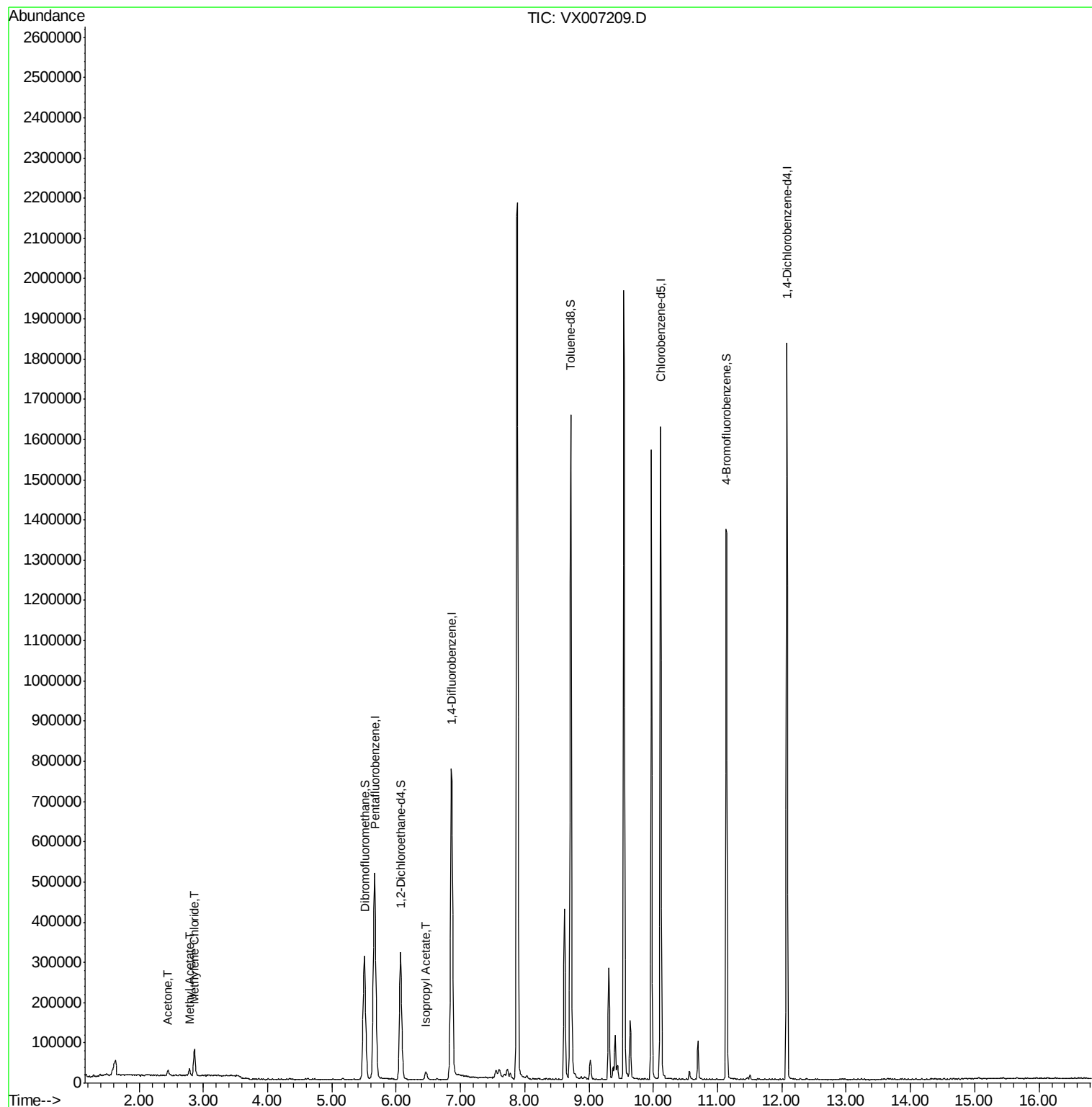
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	535060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	822736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	805068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	380147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	290014	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
35) Dibromofluoromethane	5.51	113	259280	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	8.71	98	1021673	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	11.13	95	357886	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
Target Compounds						
16) Acetone	2.45	43	15764	5.702	ug/l	97
18) Methyl Acetate	2.78	43	20275	2.533	ug/l #	86
20) Methylene Chloride	2.86	84	31283	5.445	ug/l	94
43) Isopropyl Acetate	6.46	43	26896	2.223	ug/l	99

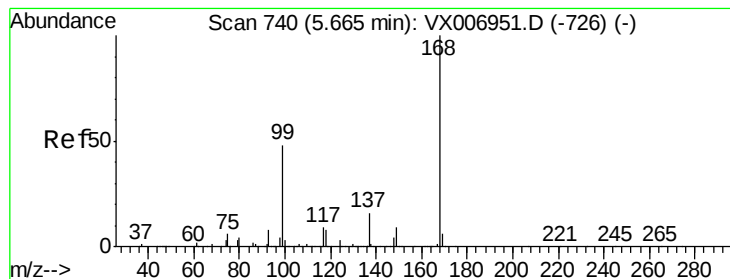
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007209.D

Acq: 24 Jan 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

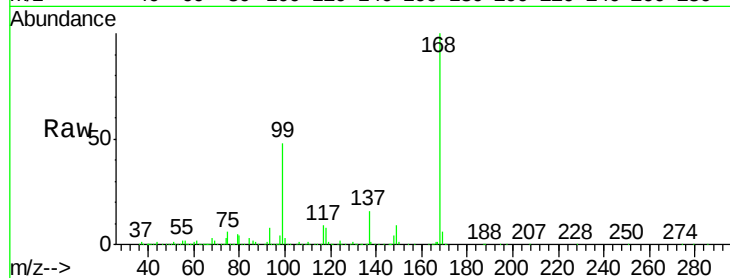
PB116589ZHE#01

Tot Ion:168 Resp: 535060

Ion Ratio Lower Upper

168 100

99 47.8 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

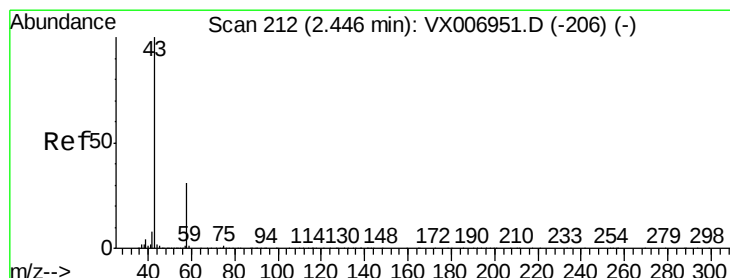
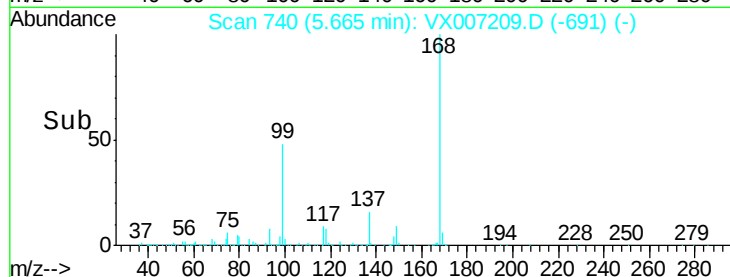
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.702 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007209.D

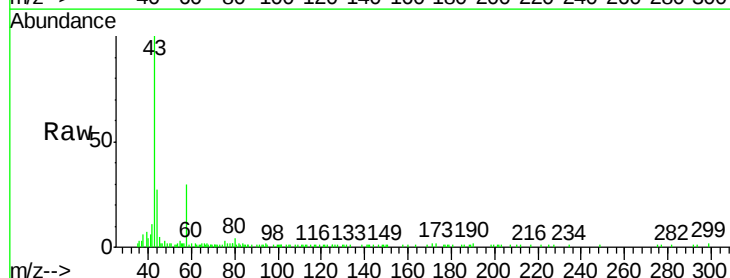
Acq: 24 Jan 2019 17:42

Tgt Ion: 43 Resp: 15764

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

10000

8000

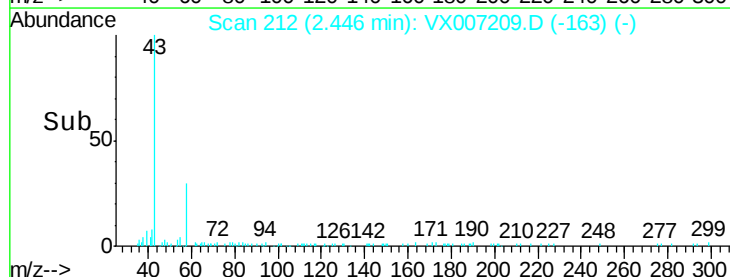
6000

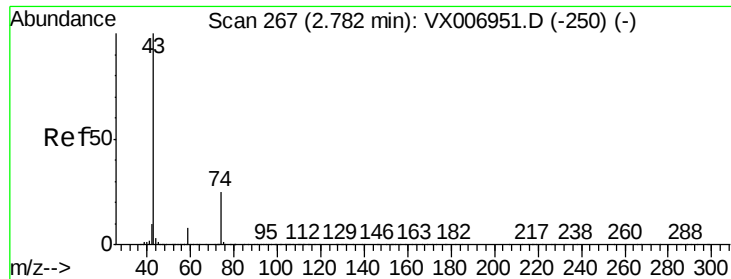
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

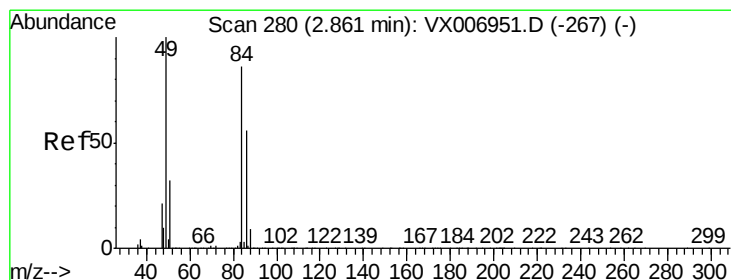
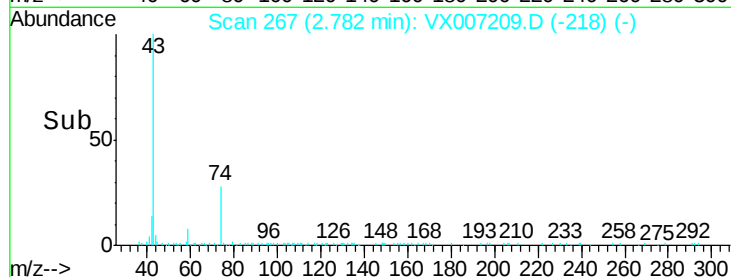
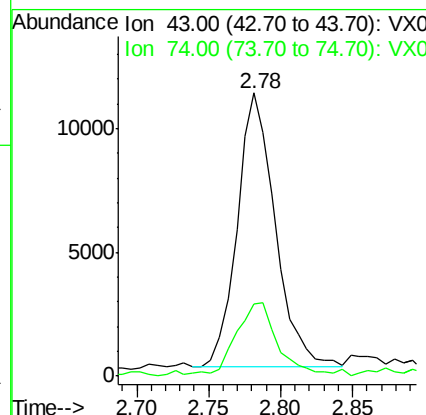
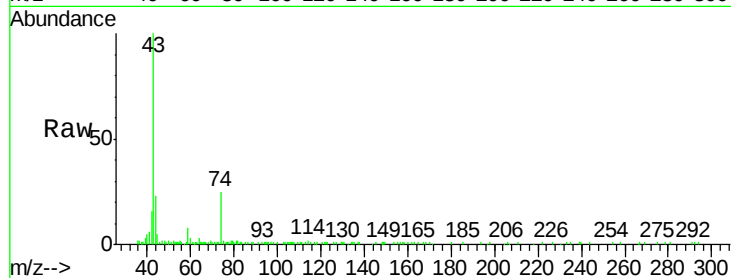




#18
Methyl Acetate
Concen: 2.533 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007209.D
Acq: 24 Jan 2019 17:42

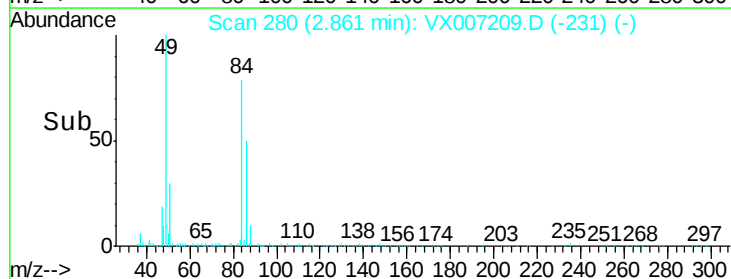
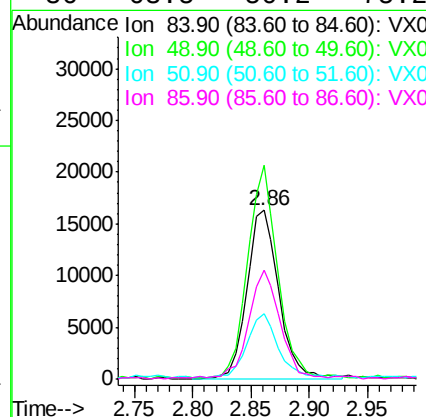
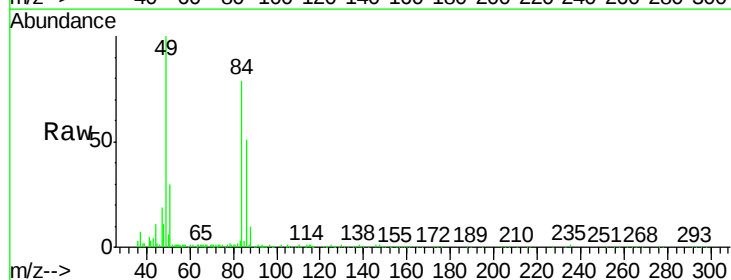
Instrument :
MSVOA_X
ClientSampleId :
PB116589ZHE#01

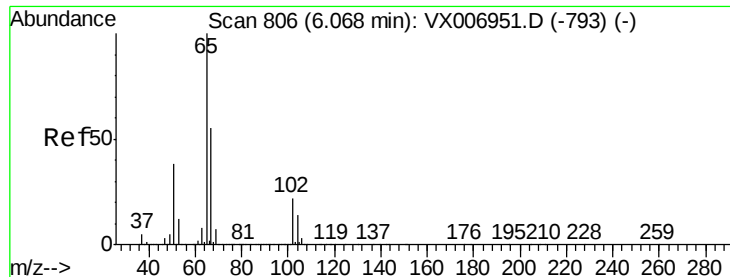
Tot Ion: 43 Resp: 20275
Ion Ratio Lower Upper
43 100
74 30.1 18.6 28.0#



#20
Methylene Chloride
Concen: 5.445 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007209.D
Acq: 24 Jan 2019 17:42

Tgt Ion: 84 Resp: 31283
Ion Ratio Lower Upper
84 100
49 125.8 91.8 137.6
51 37.1 28.5 42.7
86 63.5 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 51.864 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007209.D

Acq: 24 Jan 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

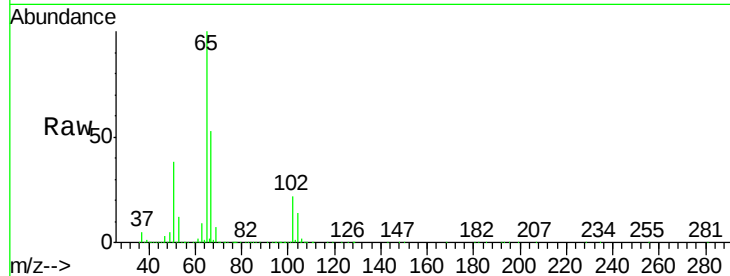
PB116589ZHE#01

Tot Ion: 65 Resp: 290014

Ion Ratio Lower Upper

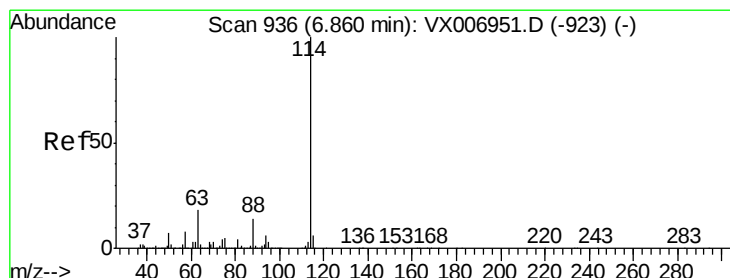
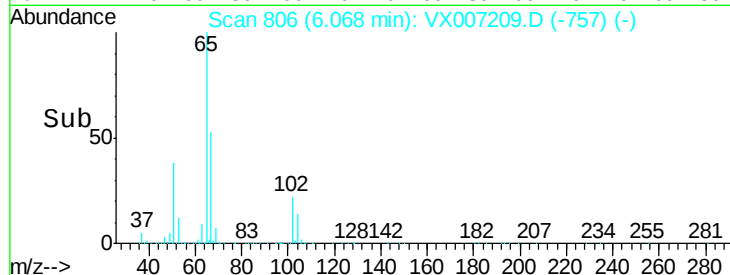
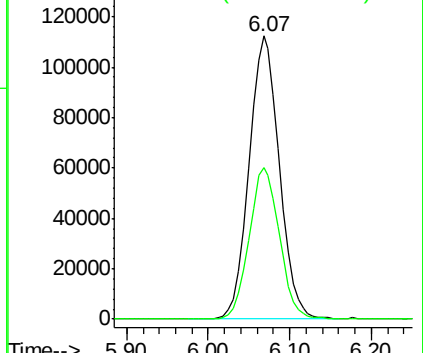
65 100

67 53.9 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: VX007209.D

Acq: 24 Jan 2019 17:42

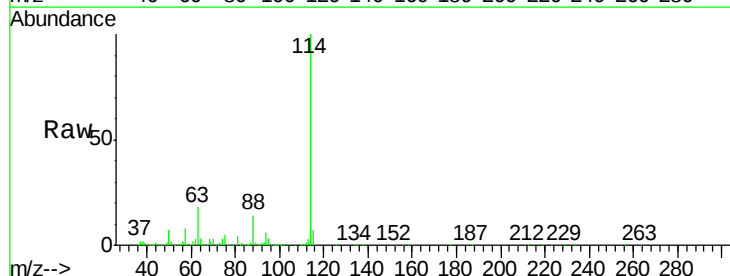
Tgt Ion: 114 Resp: 822736

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

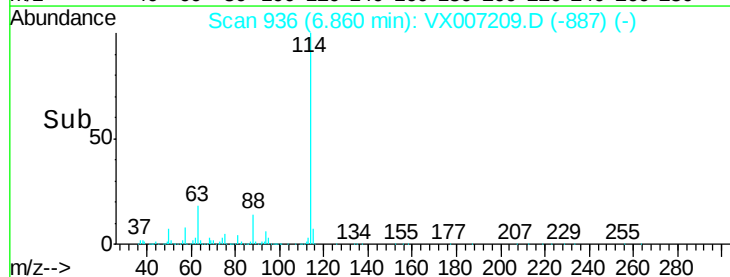
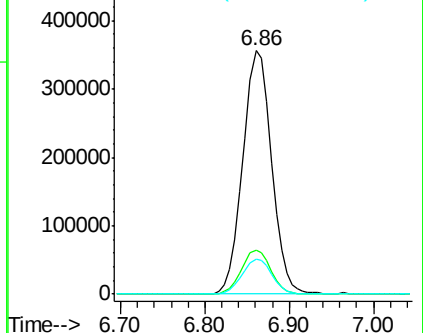
88 14.5 0.0 28.8

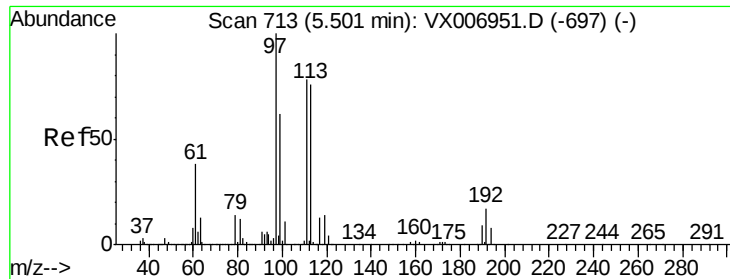


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.211 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007209.D

Acq: 24 Jan 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

PB116589ZHE#01

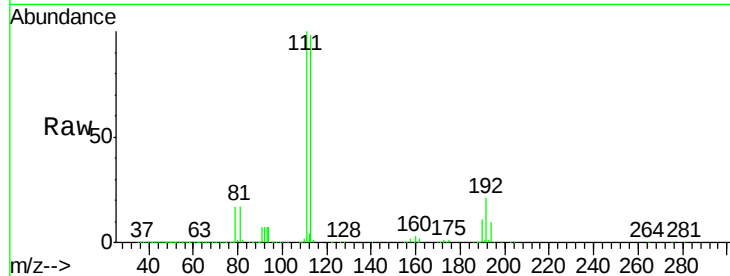
Tot Ion:113 Resp: 259280

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

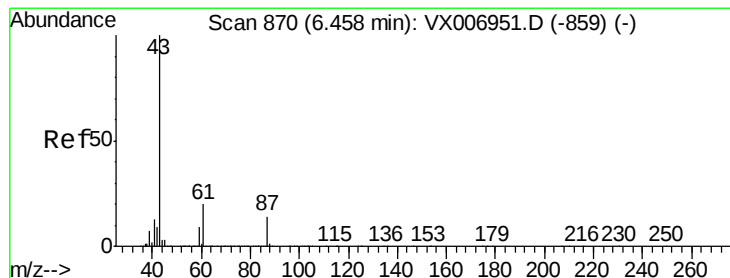
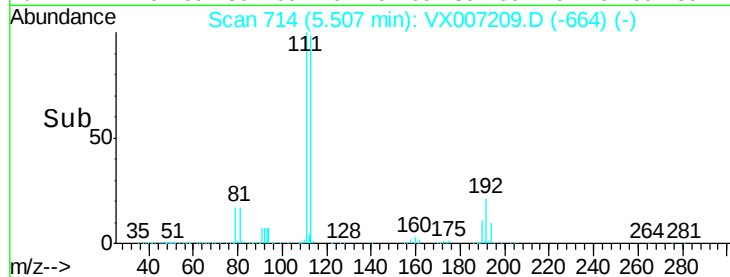
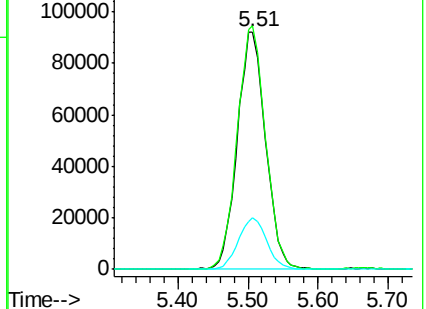
192 21.9 16.7 25.1



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: 2.223 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007209.D

Acq: 24 Jan 2019 17:42

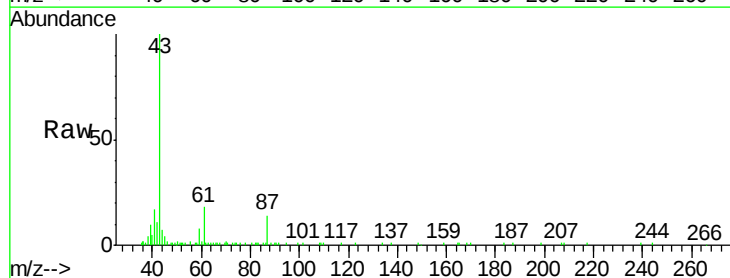
Tgt Ion: 43 Resp: 26896

Ion Ratio Lower Upper

43 100

61 22.1 16.8 25.2

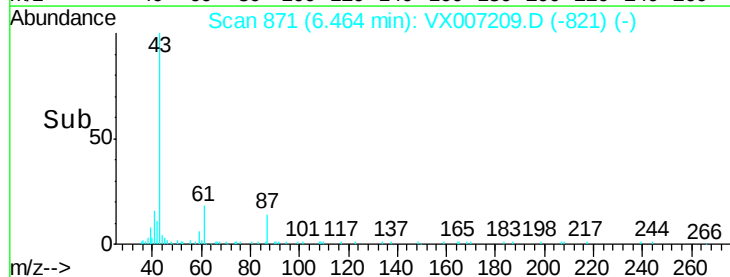
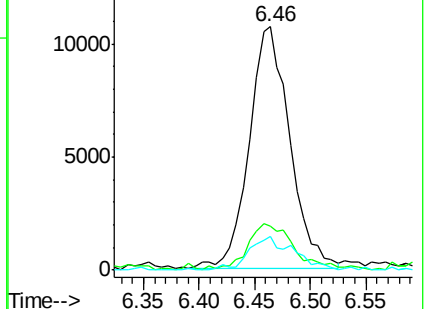
87 15.5 12.4 18.6

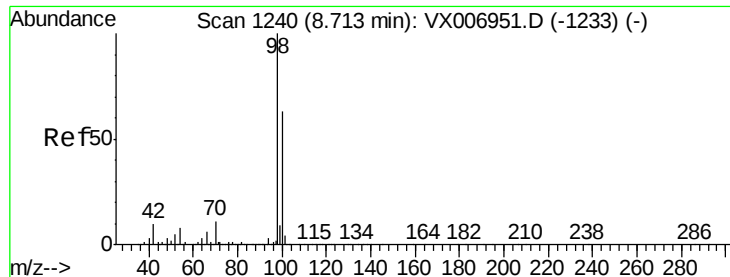


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.977 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007209.D

Acq: 24 Jan 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

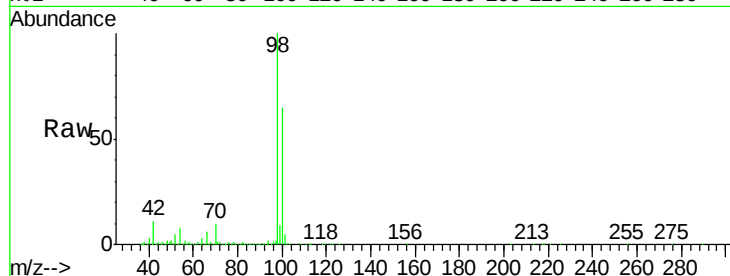
PB116589ZHE#01

Tot Ion: 98 Resp: 1021673

Ion Ratio Lower Upper

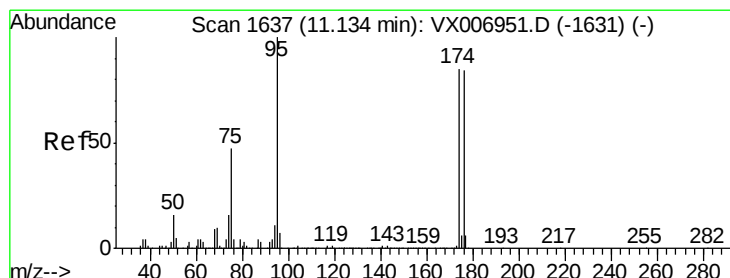
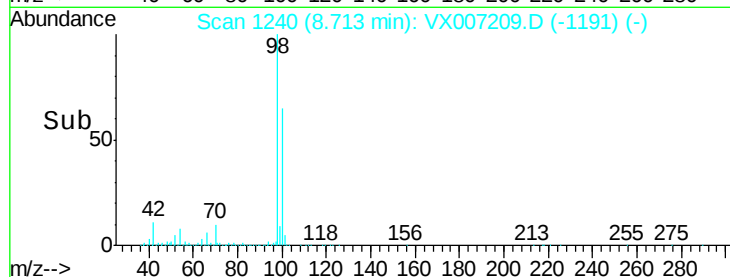
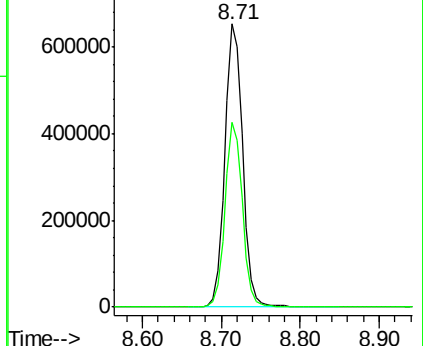
98 100

100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.231 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007209.D

Acq: 24 Jan 2019 17:42

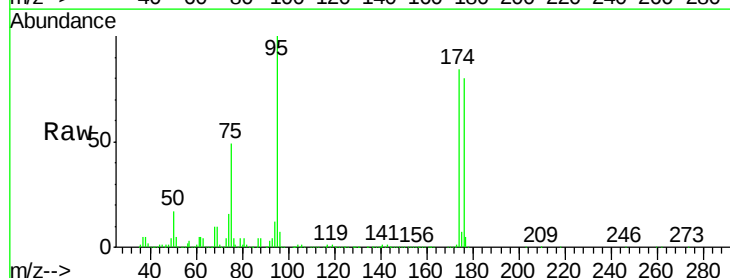
Tgt Ion: 95 Resp: 357886

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.2

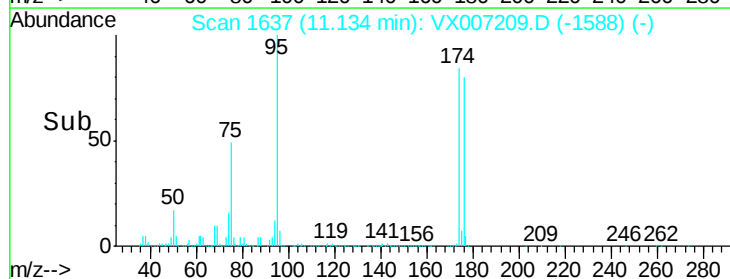
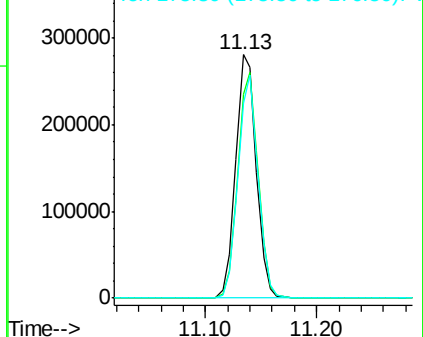
176 89.5 0.0 178.8

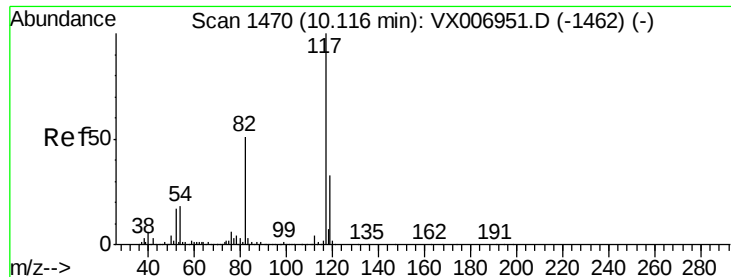


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX007209.D

Acq: 24 Jan 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

PB116589ZHE#01

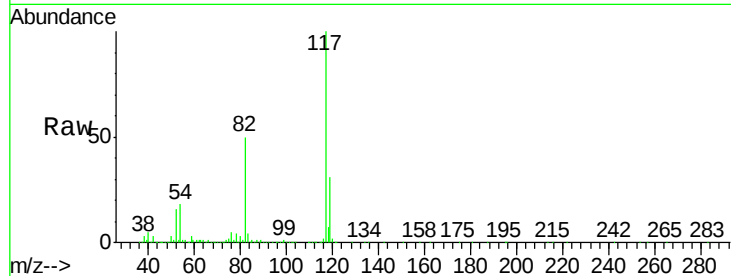
Tot Ion:117 Resp: 805068

Ion Ratio Lower Upper

117 100

82 50.1 41.0 61.6

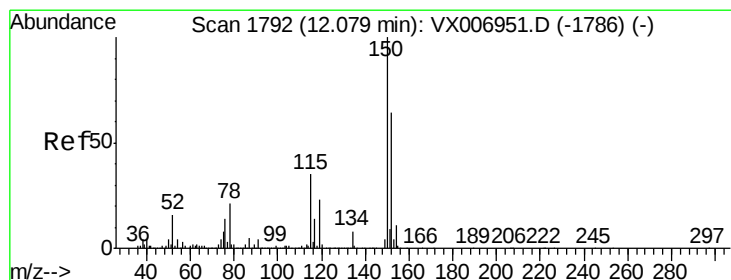
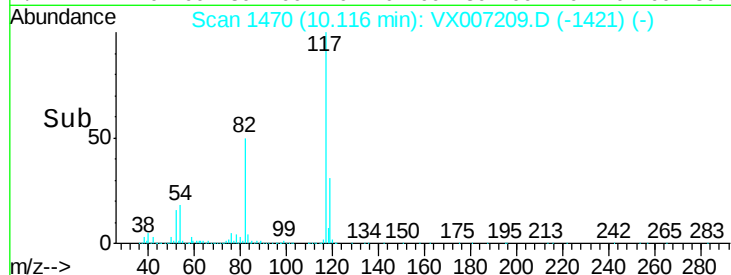
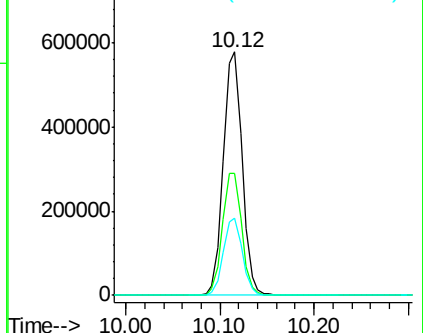
119 31.5 25.4 38.0



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: VX007209.D

Acq: 24 Jan 2019 17:42

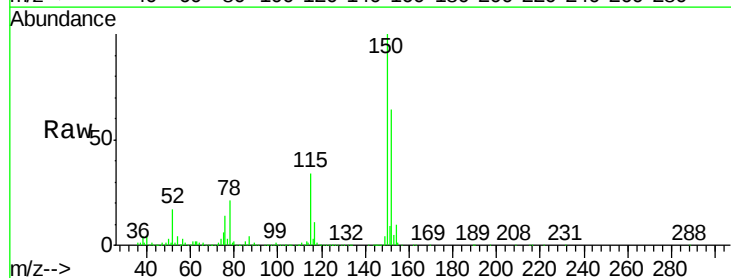
Tgt Ion:152 Resp: 380147

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.2

150 157.4 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

