

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007208.D
 Acq On : 24 Jan 2019 17:15
 Operator : JC/SP
 Sample : PB116589TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116589TB

Quant Time: Jan 25 02:27:13 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

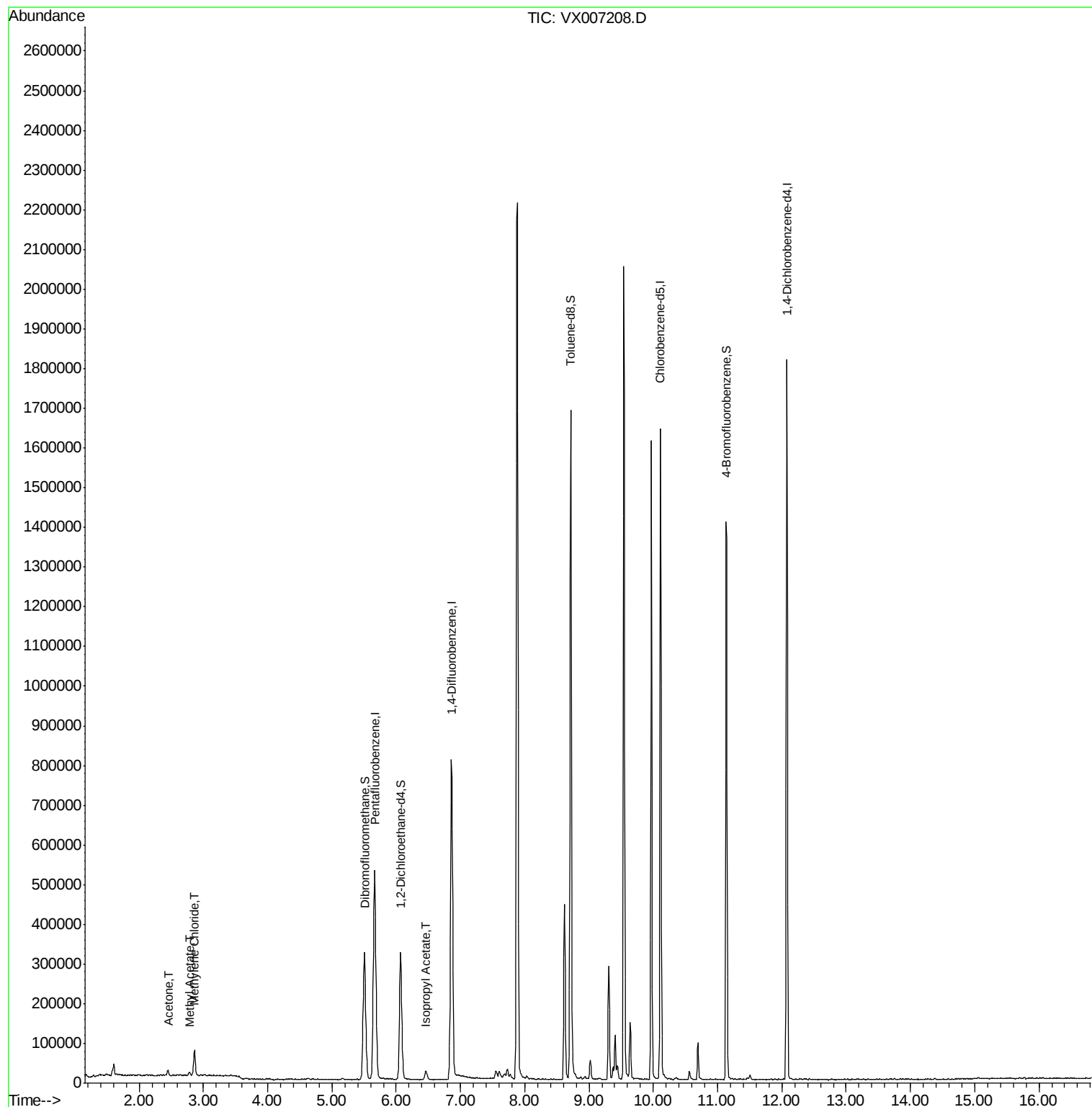
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	543251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	845004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	807573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	383902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	295439	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
35) Dibromofluoromethane	5.51	113	267308	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	8.71	98	1029669	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.13	95	359442	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
Target Compounds						
16) Acetone	2.45	43	15318	5.458	ug/l #	88
18) Methyl Acetate	2.78	43	12489	1.537	ug/l #	87
20) Methylene Chloride	2.86	84	29503	5.017	ug/l	94
43) Isopropyl Acetate	6.46	43	28066	2.259	ug/l	97

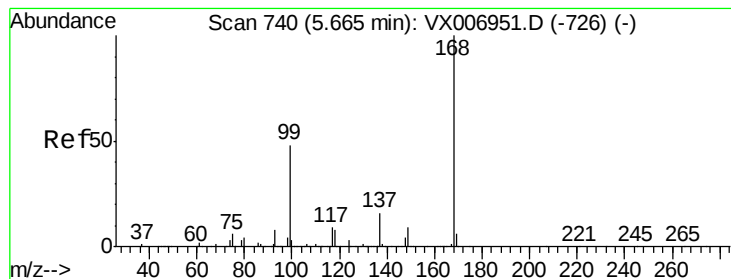
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007208.D

Acq: 24 Jan 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

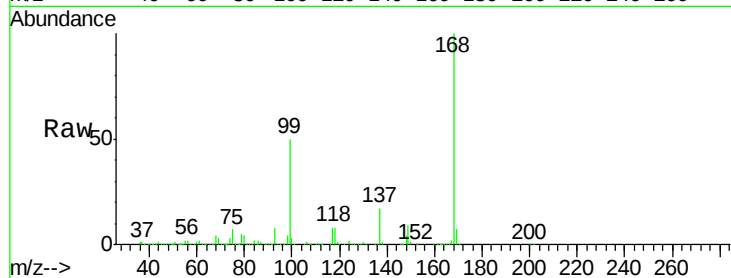
PB116589TB

Tot Ion:168 Resp: 543251

Ion Ratio Lower Upper

168 100

99 50.2 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

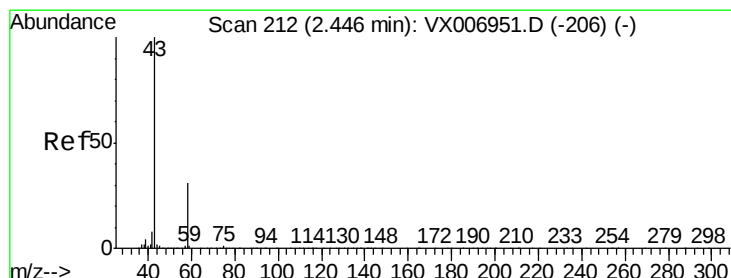
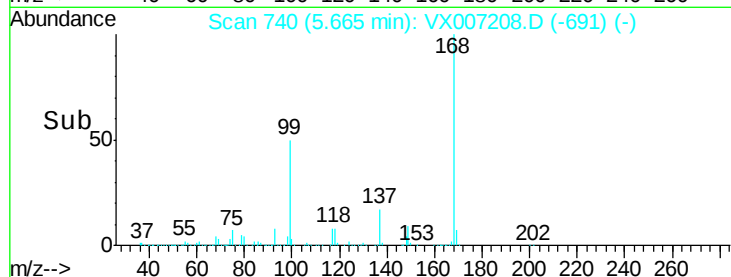
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.458 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007208.D

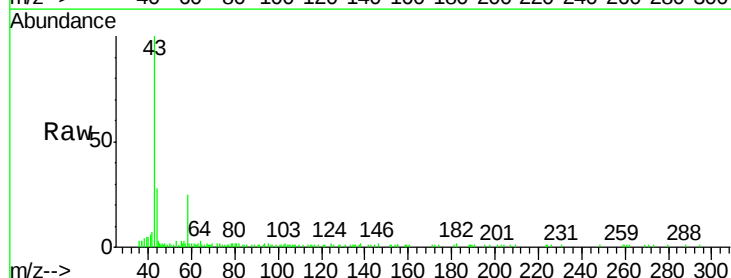
Acq: 24 Jan 2019 17:15

Tgt Ion: 43 Resp: 15318

Ion Ratio Lower Upper

43 100

58 24.9 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

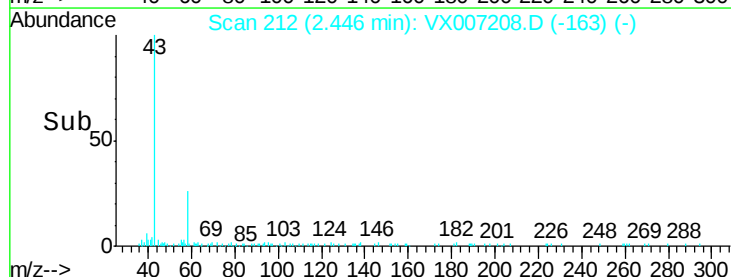
6000

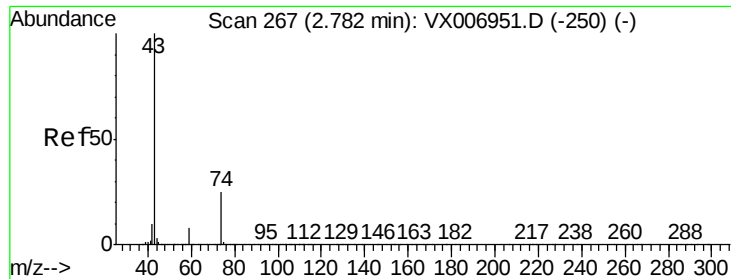
4000

2000

0

Time--> 2.40 2.45 2.50

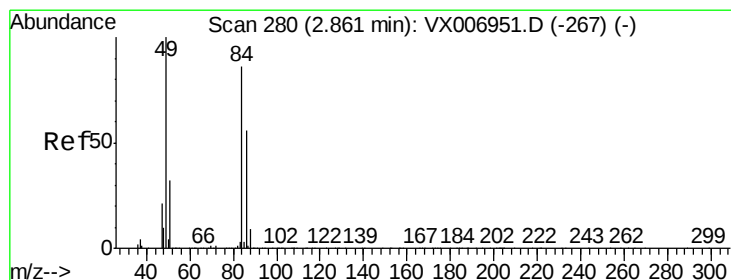
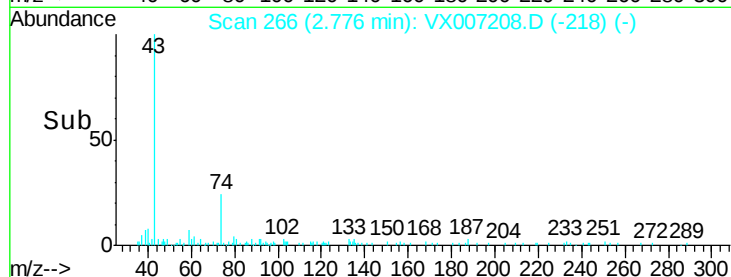
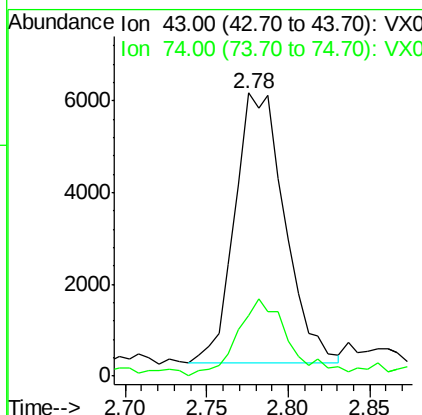
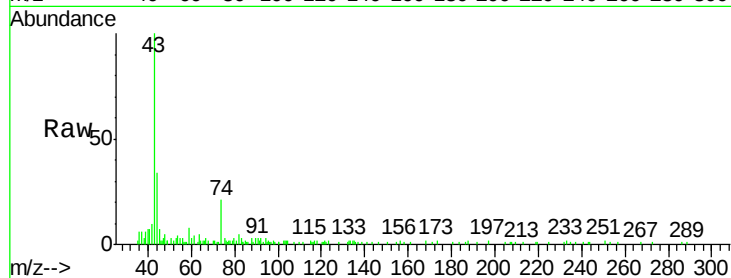




#18
Methyl Acetate
Concen: 1.537 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007208.D
Acq: 24 Jan 2019 17:15

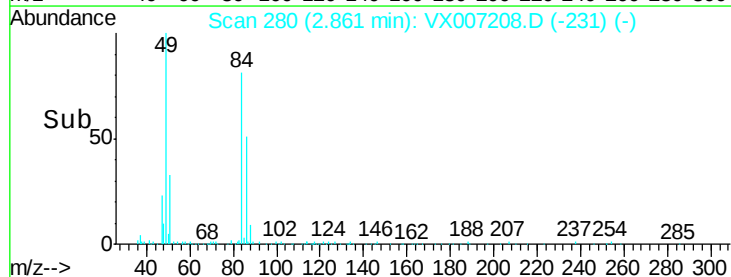
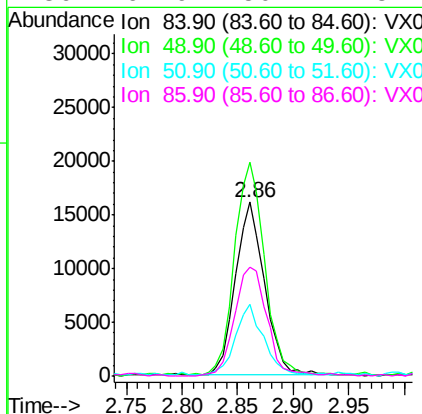
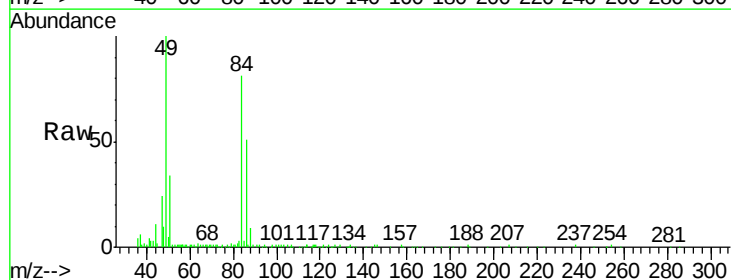
Instrument :
MSVOA_X
ClientSampleId :
PB116589TB

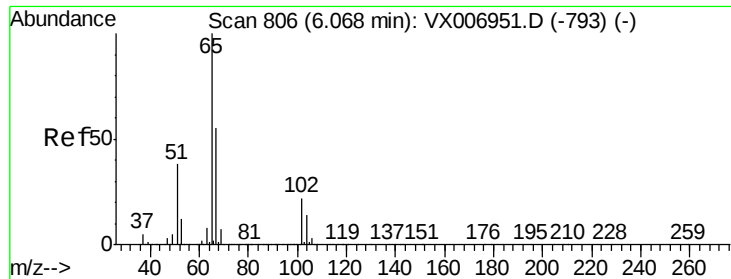
Tot Ion: 43 Resp: 12489
Ion Ratio Lower Upper
43 100
74 29.6 18.6 28.0#



#20
Methylene Chloride
Concen: 5.017 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007208.D
Acq: 24 Jan 2019 17:15

Tgt Ion: 84 Resp: 29503
Ion Ratio Lower Upper
84 100
49 122.8 91.8 137.6
51 40.8 28.5 42.7
86 62.9 50.2 75.2

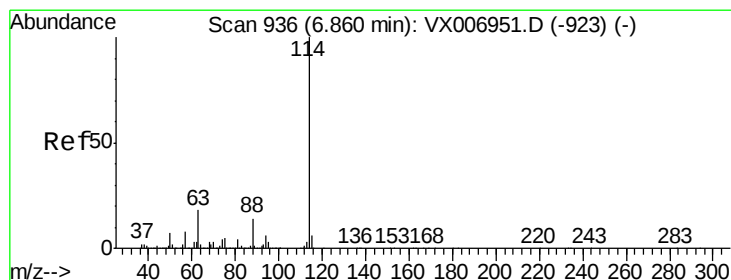
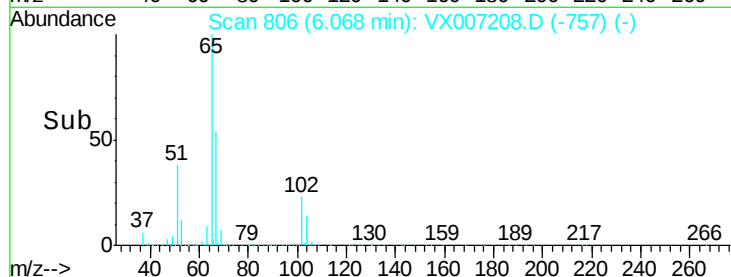
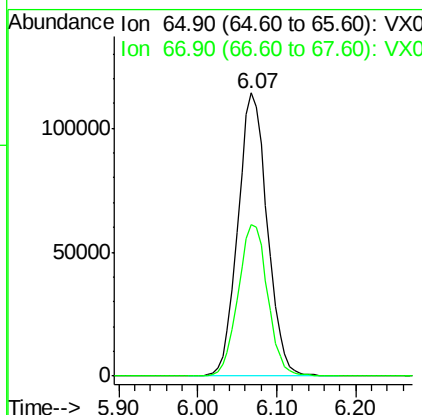
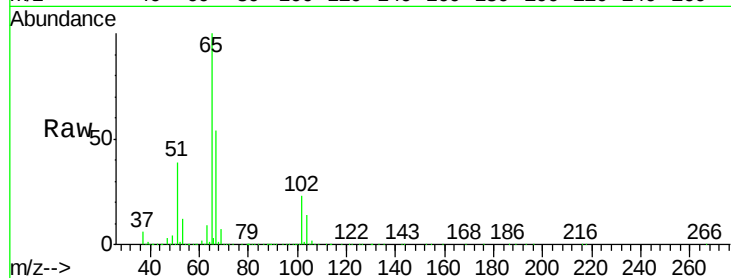




#33
 1,2-Dichloroethane-d4
 Concen: 52.037 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007208.D
 Acq: 24 Jan 2019 17:15

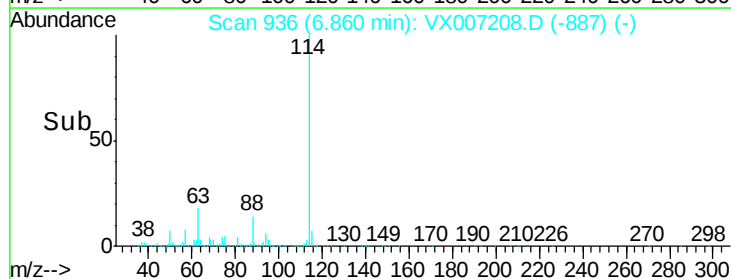
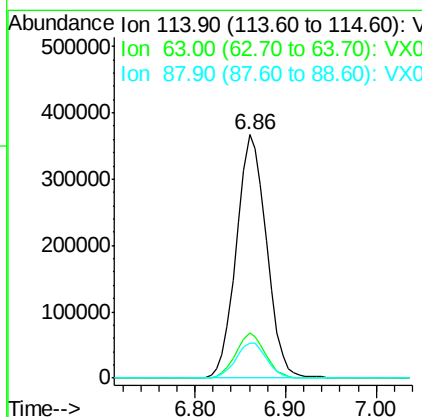
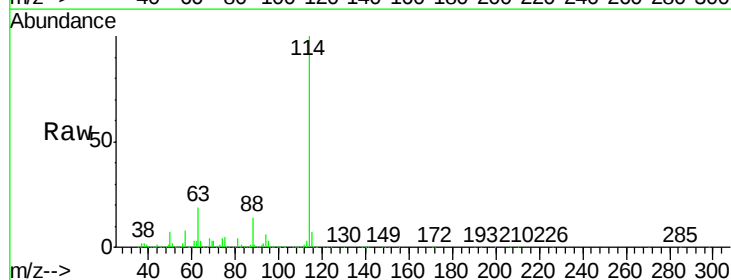
Instrument :
 MSVOA_X
 ClientSampled :
 PB116589TB

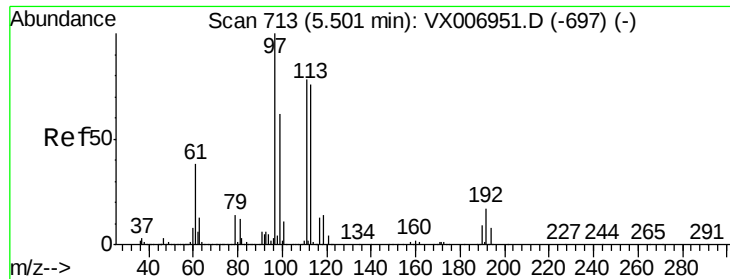
Tot Ion: 65 Resp: 295439
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007208.D
 Acq: 24 Jan 2019 17:15

Tgt Ion: 114 Resp: 845004
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.8
 88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.398 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007208.D

Acq: 24 Jan 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

PB116589TB

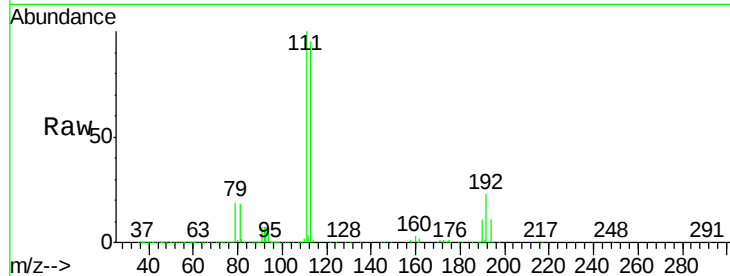
Tot Ion:113 Resp: 267308

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

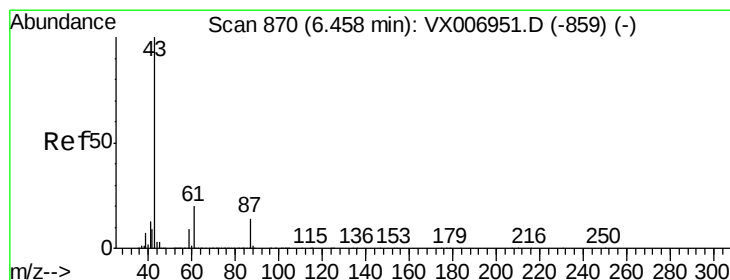
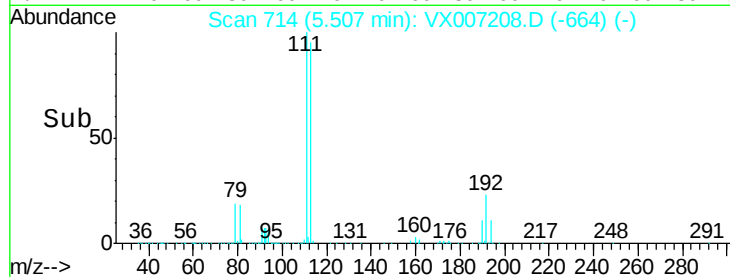
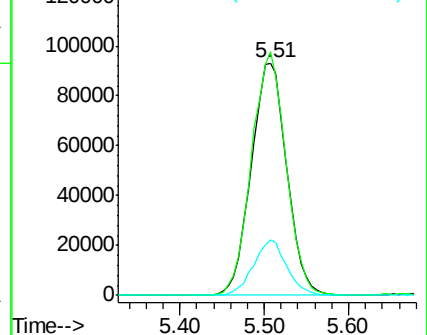
192 22.4 16.7 25.1



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: 2.259 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007208.D

Acq: 24 Jan 2019 17:15

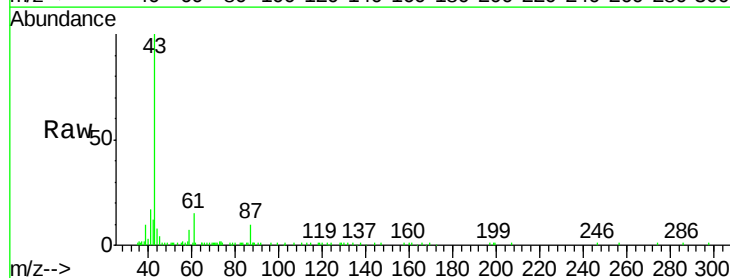
Tgt Ion: 43 Resp: 28066

Ion Ratio Lower Upper

43 100

61 18.3 16.8 25.2

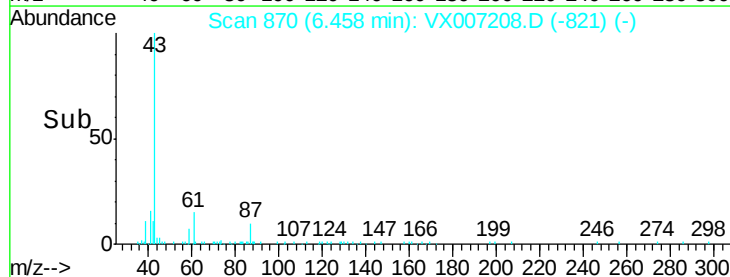
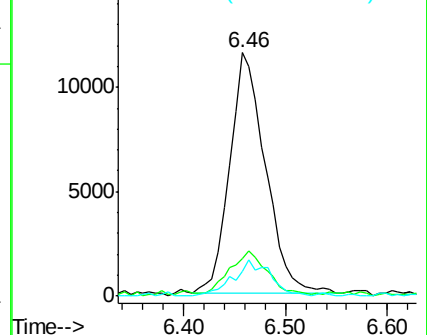
87 15.5 12.4 18.6

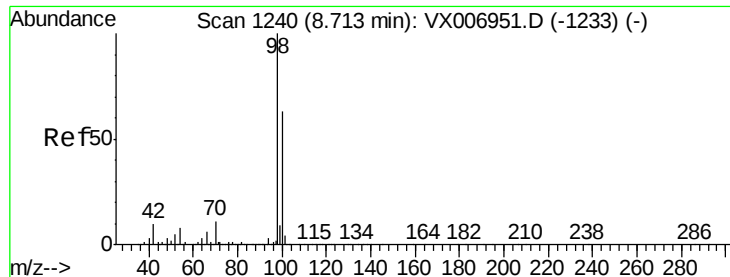


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.984 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007208.D

Acq: 24 Jan 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

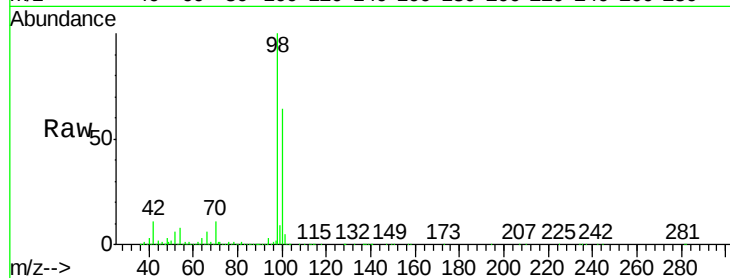
PB116589TB

Tot Ion: 98 Resp: 1029669

Ion Ratio Lower Upper

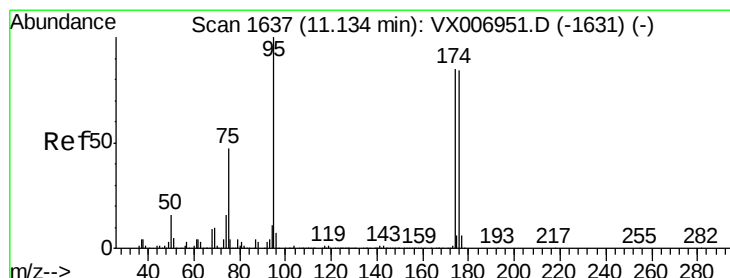
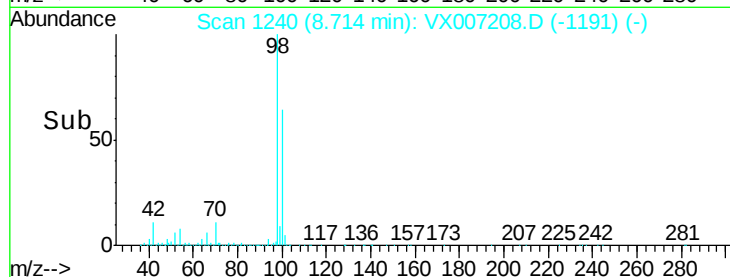
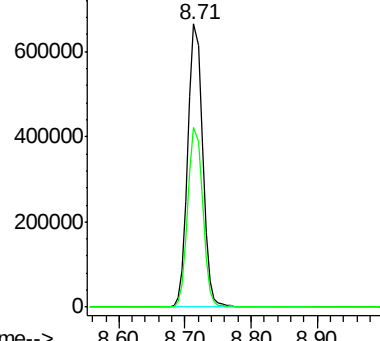
98 100

100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 52.053 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007208.D

Acq: 24 Jan 2019 17:15

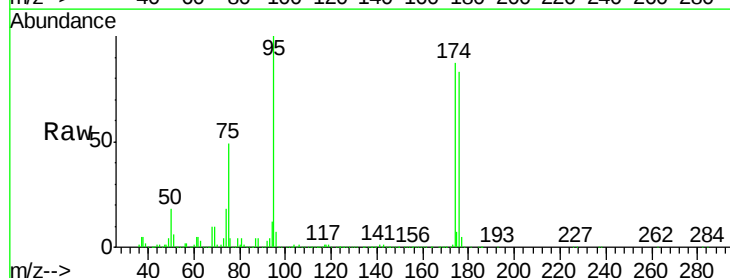
Tgt Ion: 95 Resp: 359442

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.2

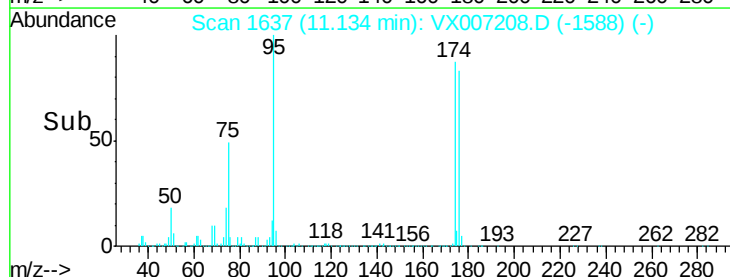
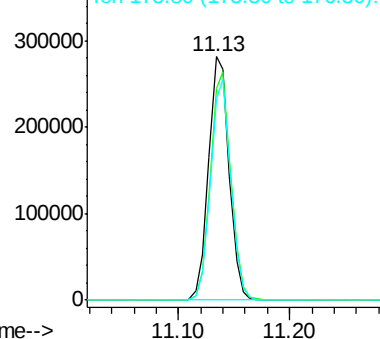
176 89.3 0.0 178.8

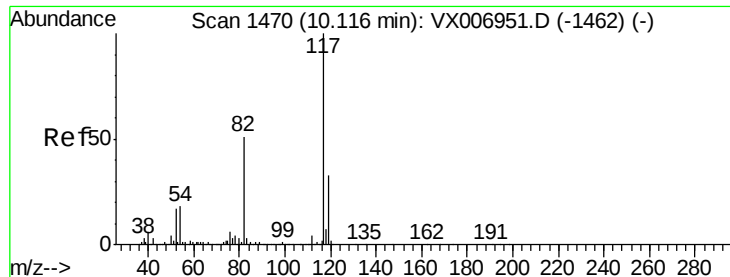


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

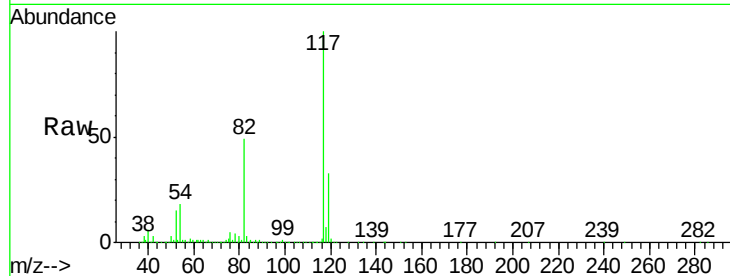




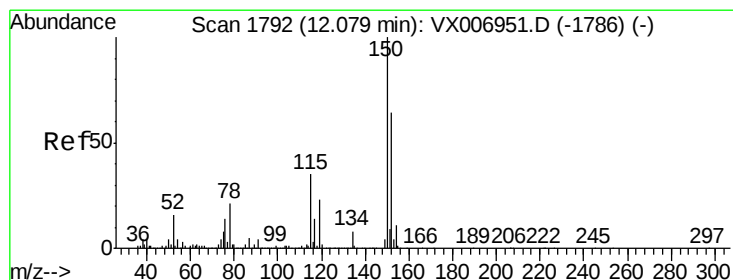
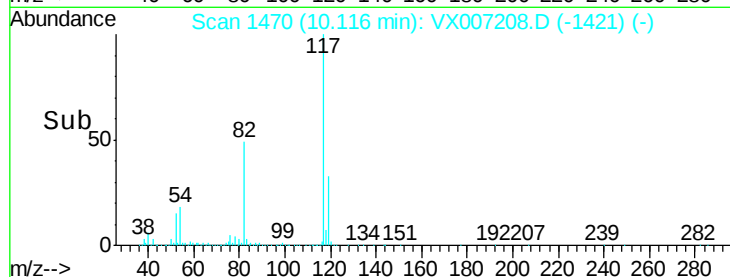
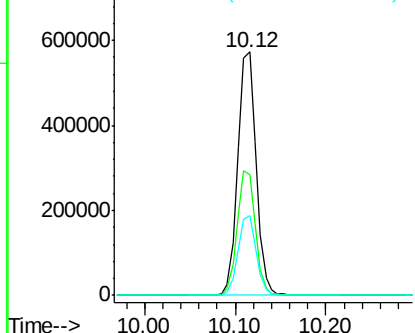
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007208.D
Acq: 24 Jan 2019 17:15

Instrument :
MSVOA_X
ClientSampleId :
PB116589TB

Tot Ion:117 Resp: 807573
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.6
119 32.7 25.4 38.0

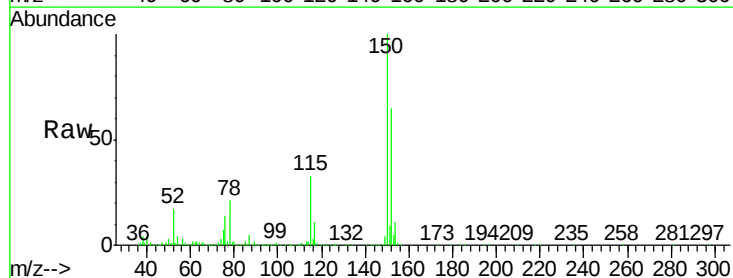


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007208.D
Acq: 24 Jan 2019 17:15

Tgt Ion:152 Resp: 383902
Ion Ratio Lower Upper
152 100
115 54.5 39.1 117.2
150 155.8 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

