

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007234.D
 Acq On : 25 Jan 2019 17:35
 Operator : JC/SP
 Sample : PB116609TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609TB

Quant Time: Jan 28 00:47:50 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

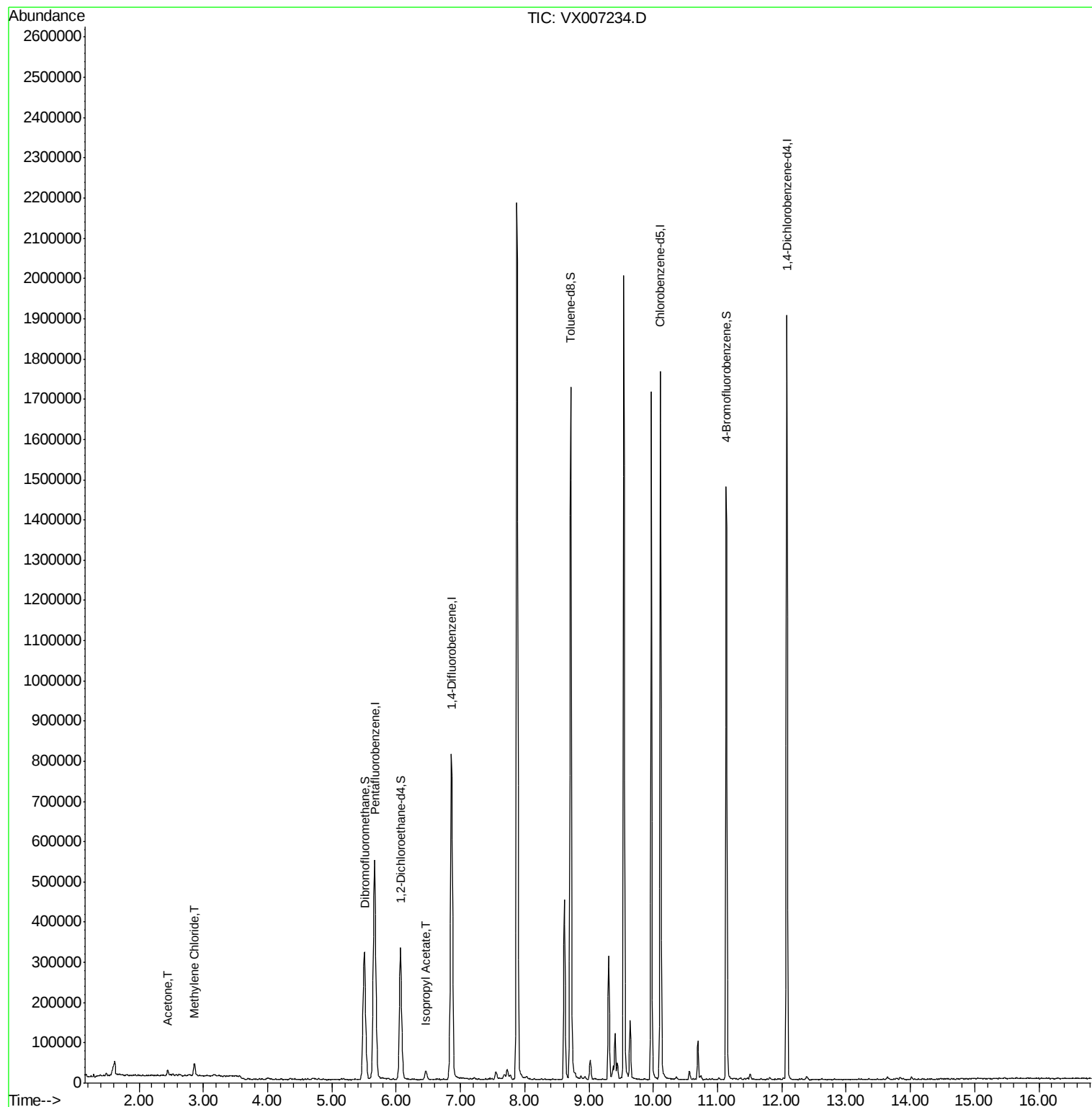
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	570180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	864145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	834961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	407757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	298831	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	5.50	113	266419	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	8.71	98	1057049	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.13	95	377617	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
Target Compounds						
16) Acetone	2.45	43	17172	5.829	ug/l #	83
20) Methylene Chloride	2.85	84	15321	2.193	ug/l	95
43) Isopropyl Acetate	6.46	43	27818	2.190	ug/l	97

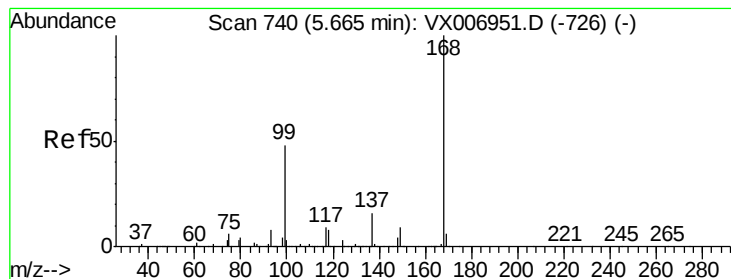
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.00 min

Lab File: VX007234.D

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Instrument :

MSVOA_X

ClientSampleId :

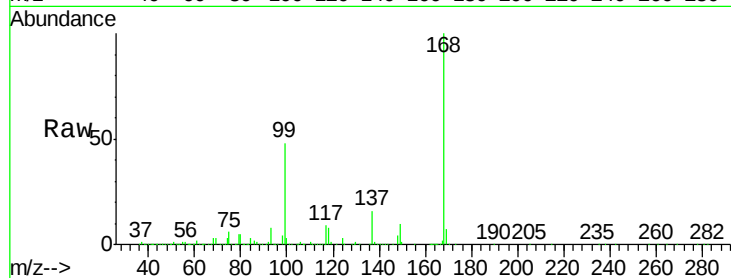
PB116609TB

Tot Ion:168 Resp: 570180

Ion Ratio Lower Upper

168 100

99 47.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

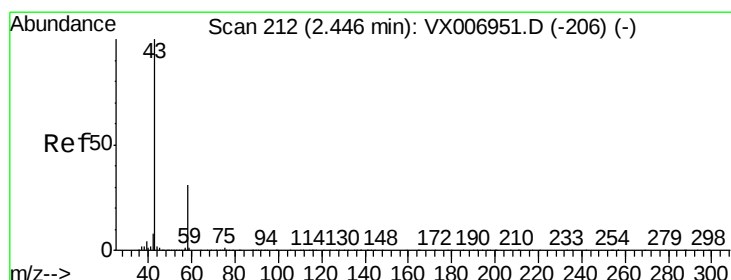
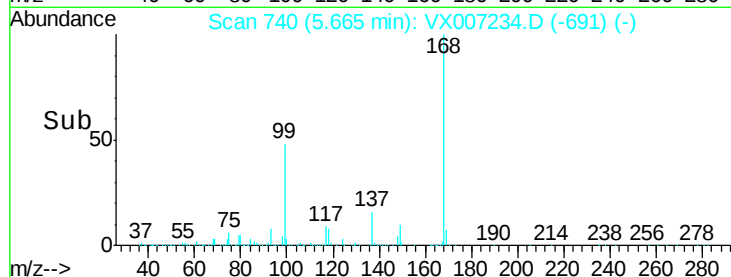
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 5.829 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007234.D

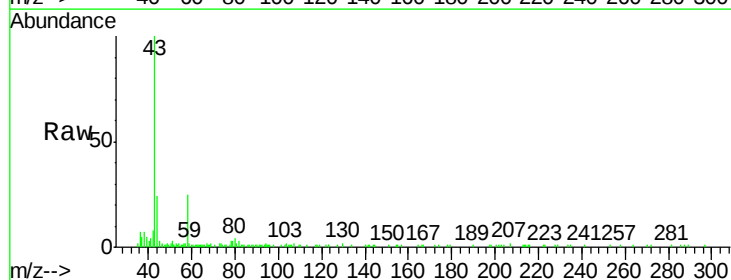
Acq: 25 Jan 2019 17:35

Tgt Ion: 43 Resp: 17172

Ion Ratio Lower Upper

43 100

58 22.1 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

10000

8000

6000

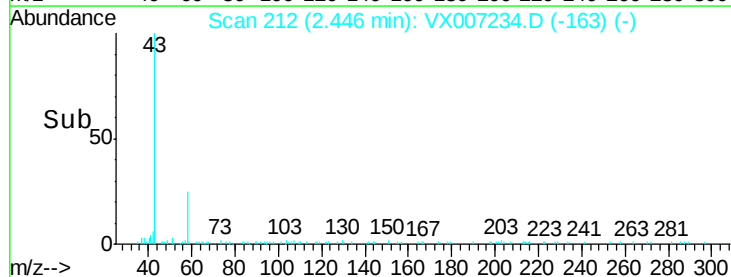
4000

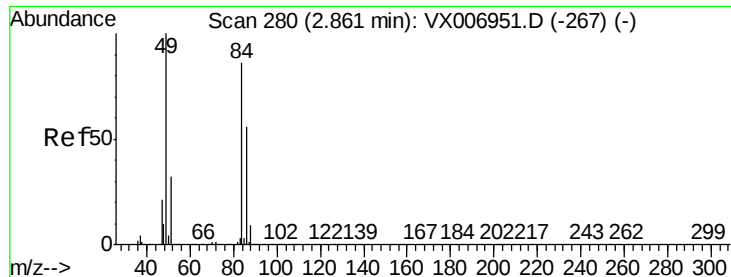
2000

0

2.30 2.40 2.50

Time-->

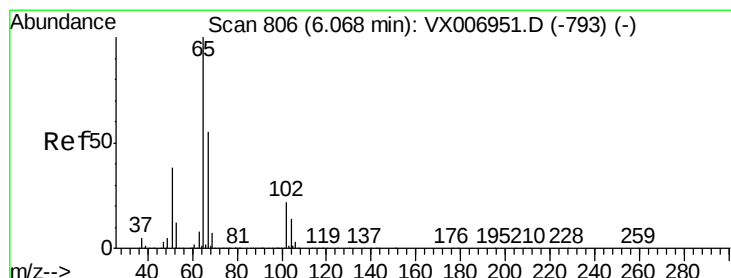
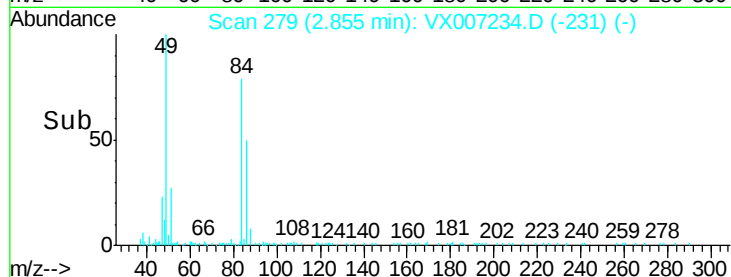
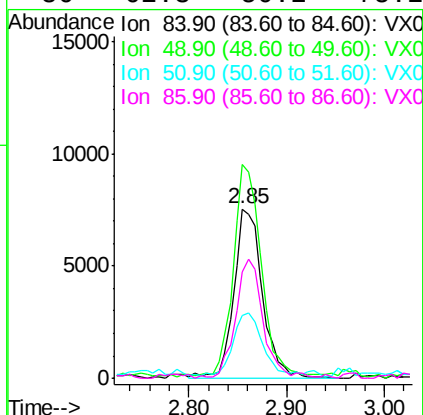
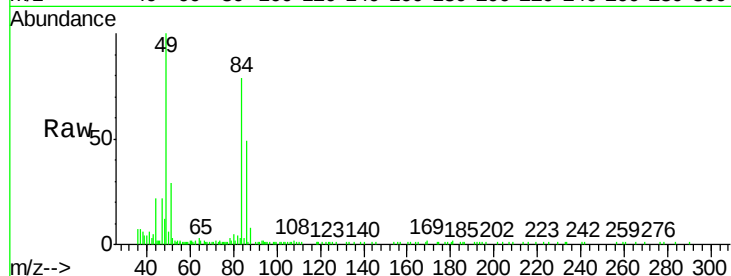




#20
Methvlene Chloride
Concen: 2.193 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007234.D
Acq: 25 Jan 2019 17:35

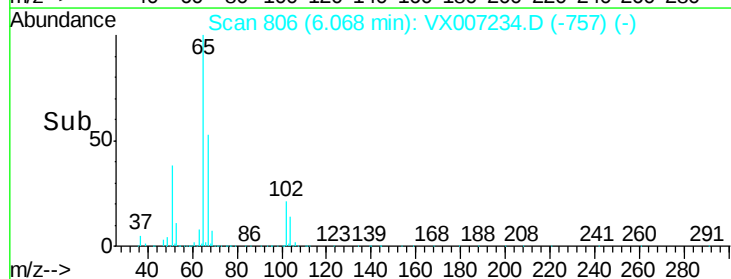
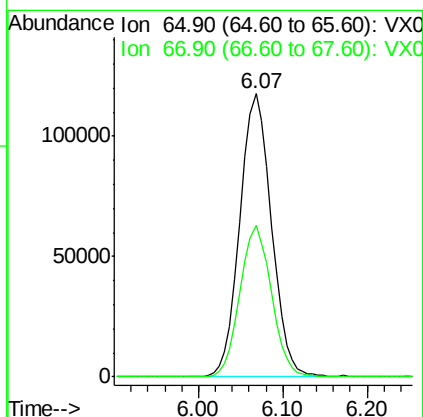
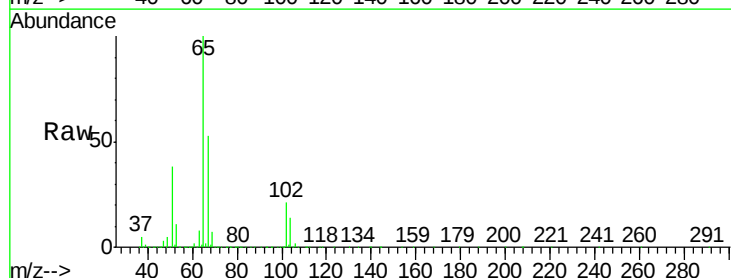
Instrument :
MSVOA_X
ClientSampleId :
PB116609TB

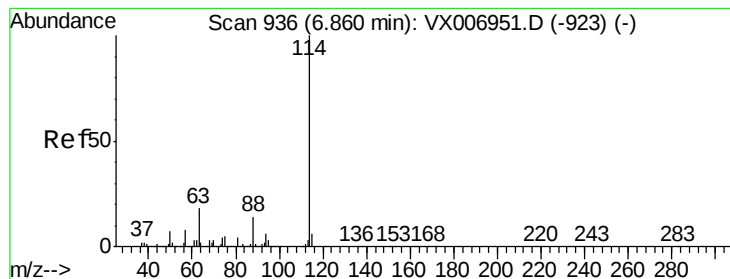
Tot Ion:	84	Resp:	15321
Ion	Ratio	Lower	Upper
84	100		
49	124.5	91.8	137.6
51	34.9	28.5	42.7
86	62.3	50.2	75.2



#33
1,2-Dichloroethane-d4
Concen: 50.149 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007234.D
Acq: 25 Jan 2019 17:35

Tgt Ion:	65	Resp:	298831
Ion	Ratio	Lower	Upper
65	100		
67	53.2	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: VX007234.D

Acq: 25 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

PB116609TB

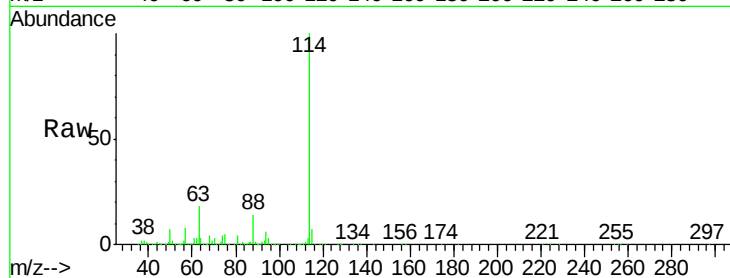
Tot Ion:114 Resp: 864145

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

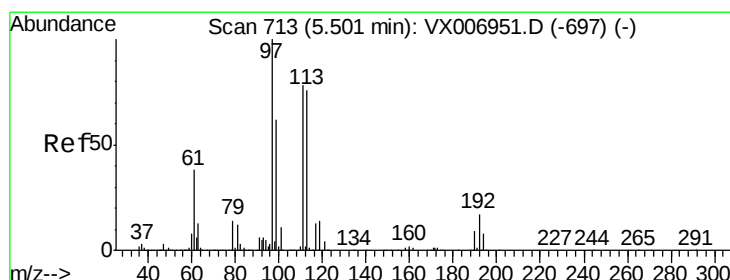
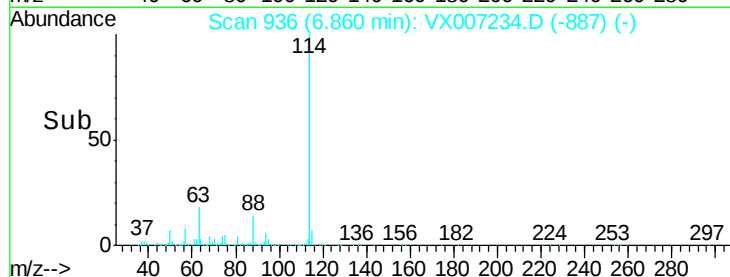
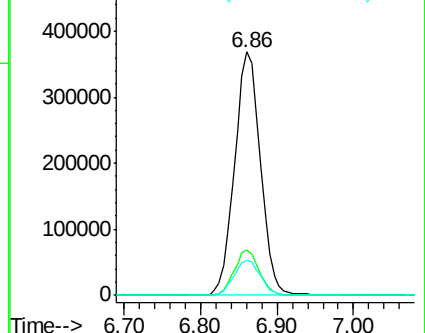
88 14.3 0.0 28.8



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: 48.143 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007234.D

Acq: 25 Jan 2019 17:35

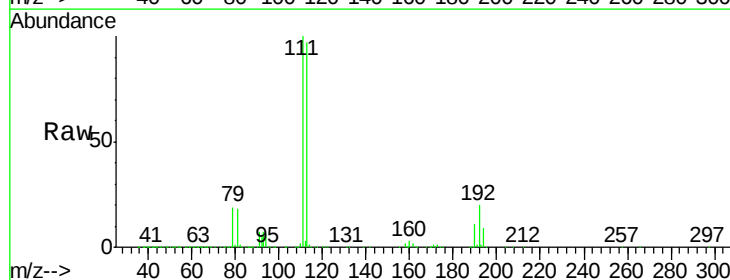
Tgt Ion:113 Resp: 266419

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

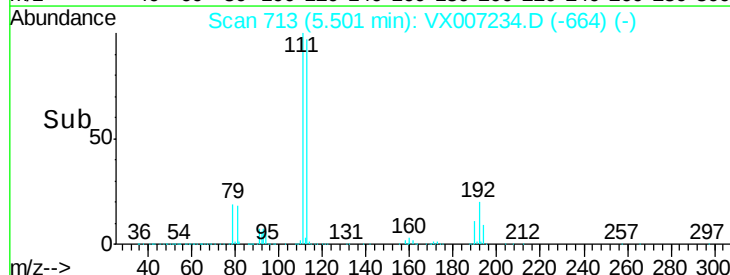
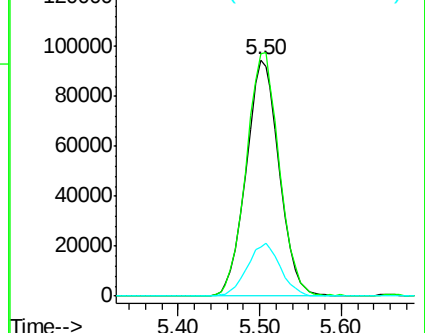
192 22.4 16.7 25.1

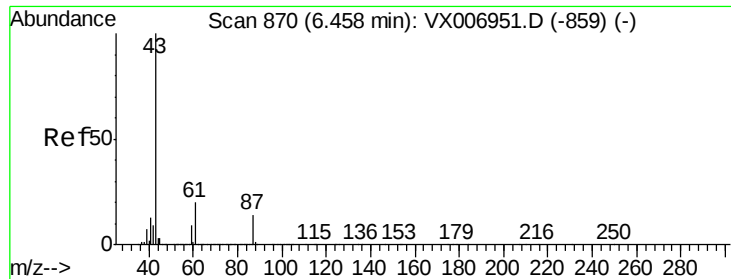


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



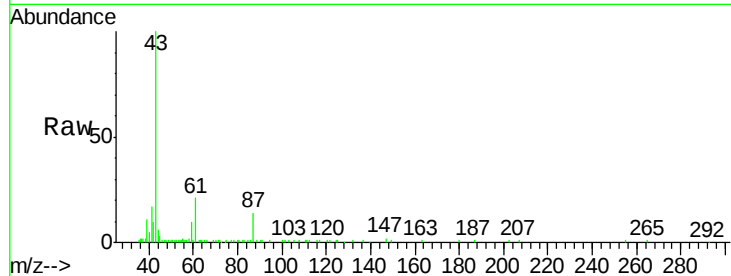


#43

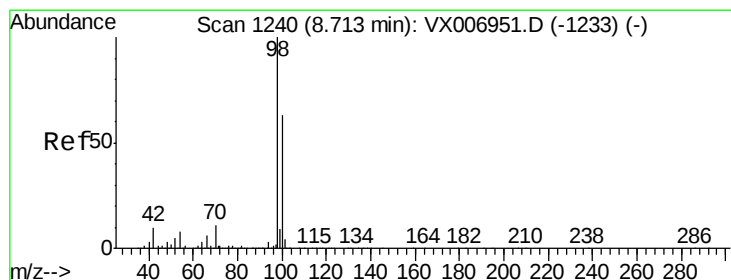
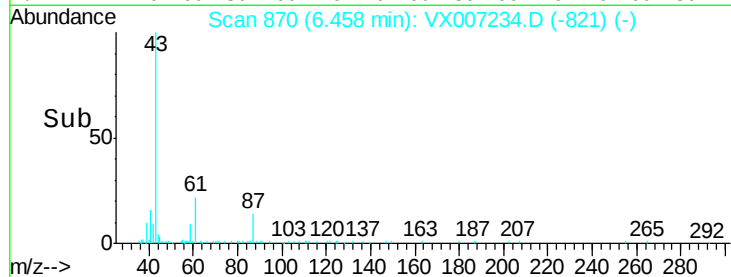
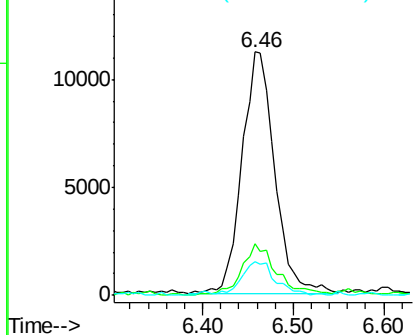
Isopropyl Acetate
 Concen: 2.190 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007234.D
 Acq: 25 Jan 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609TB

Tot Ion	43	Resp	27818
Ion Ratio	Lower	Upper	
43	100		
61	23.0	16.8	25.2
87	14.5	12.4	18.6



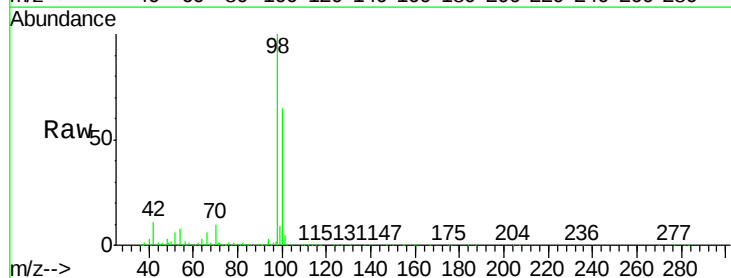
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



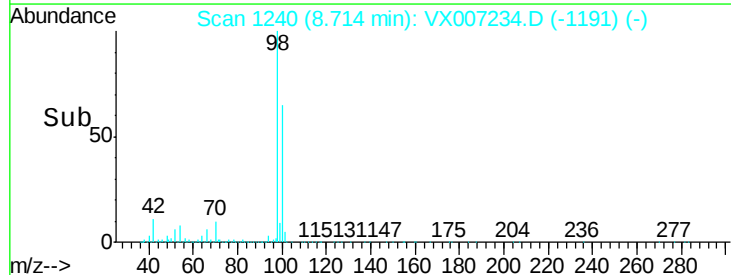
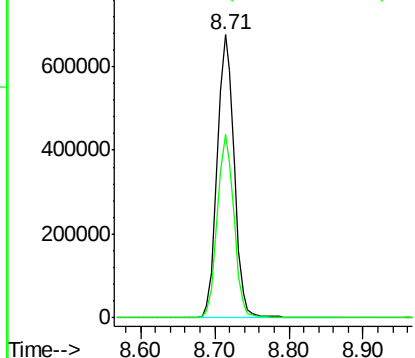
#50

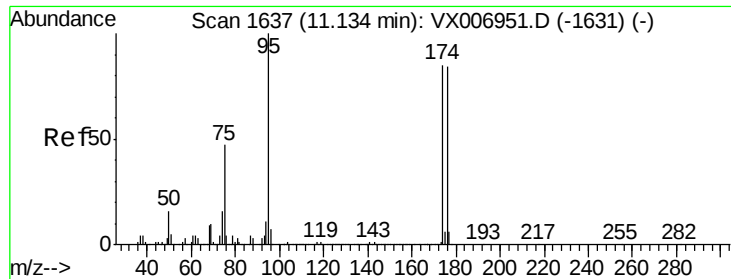
Toluene-d8
 Concen: 52.185 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007234.D
 Acq: 25 Jan 2019 17:35

Tgt Ion	98	Resp	1057049
Ion Ratio	Lower	Upper	
98	100		
100	63.9	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: 53.474 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007234.D

Acq: 25 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

PB116609TB

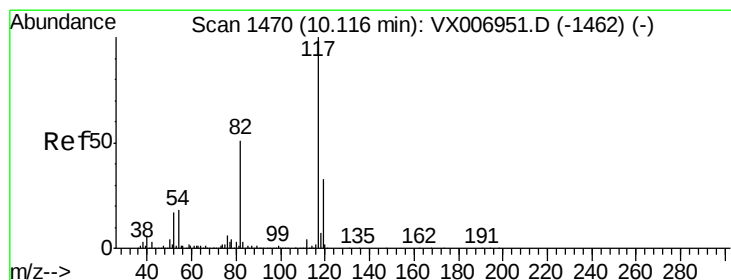
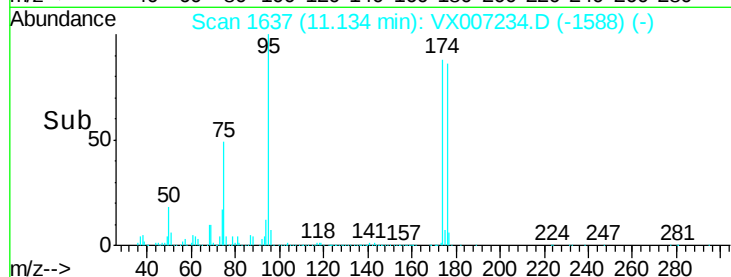
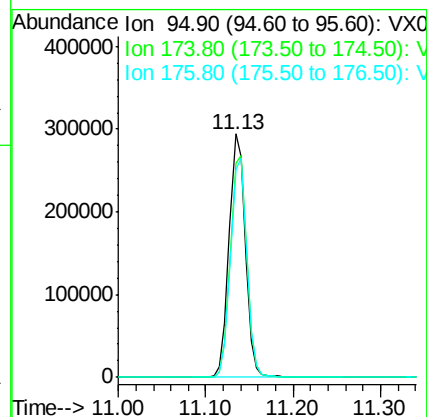
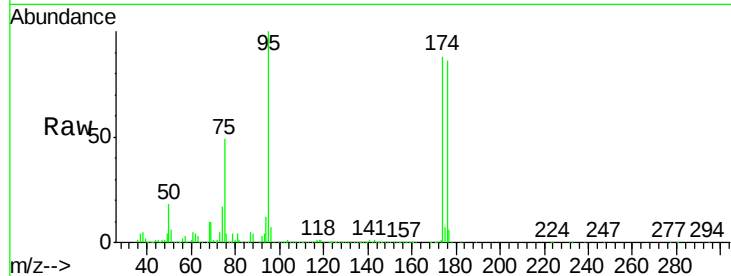
Tot Ion: 95 Resp: 377617

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.2

176 90.8 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007234.D

Acq: 25 Jan 2019 17:35

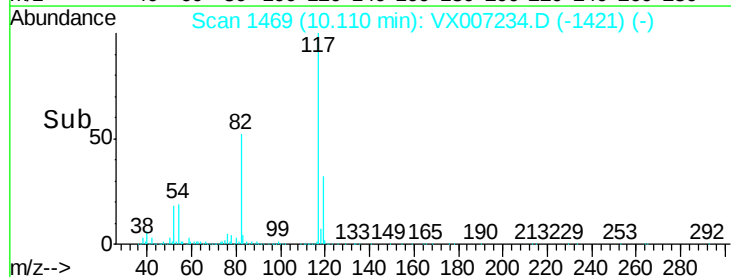
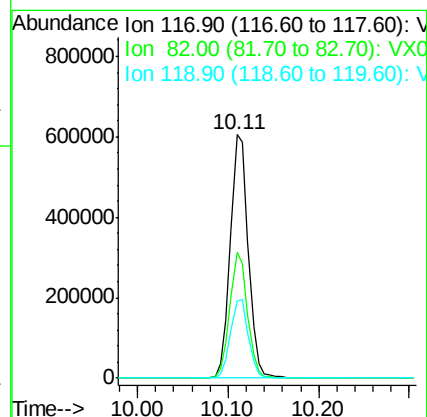
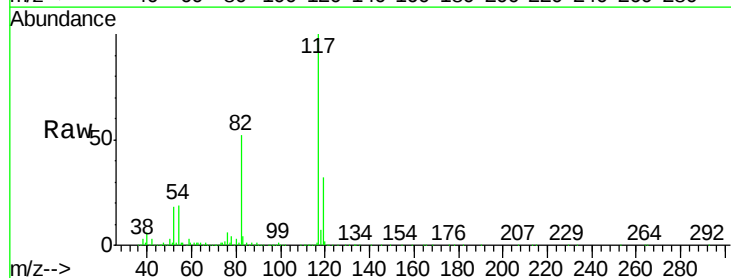
Tgt Ion: 117 Resp: 834961

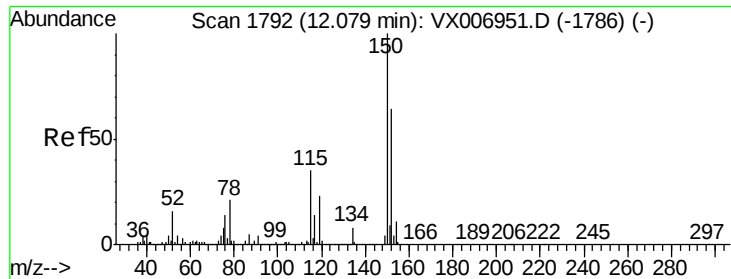
Ion Ratio Lower Upper

117 100

82 51.8 41.0 61.6

119 31.6 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: VX007234.D

Acq: 25 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

PB116609TB

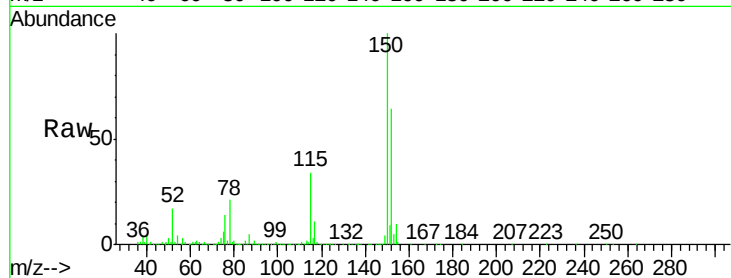
Tot Ion:152 Resp: 407757

Ion Ratio Lower Upper

152 100

115 54.4 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

