

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007312.D
 Acq On : 30 Jan 2019 14:04
 Operator : JC/SP
 Sample : PB116701ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701ZHE#06

Quant Time: Jan 31 04:00:30 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

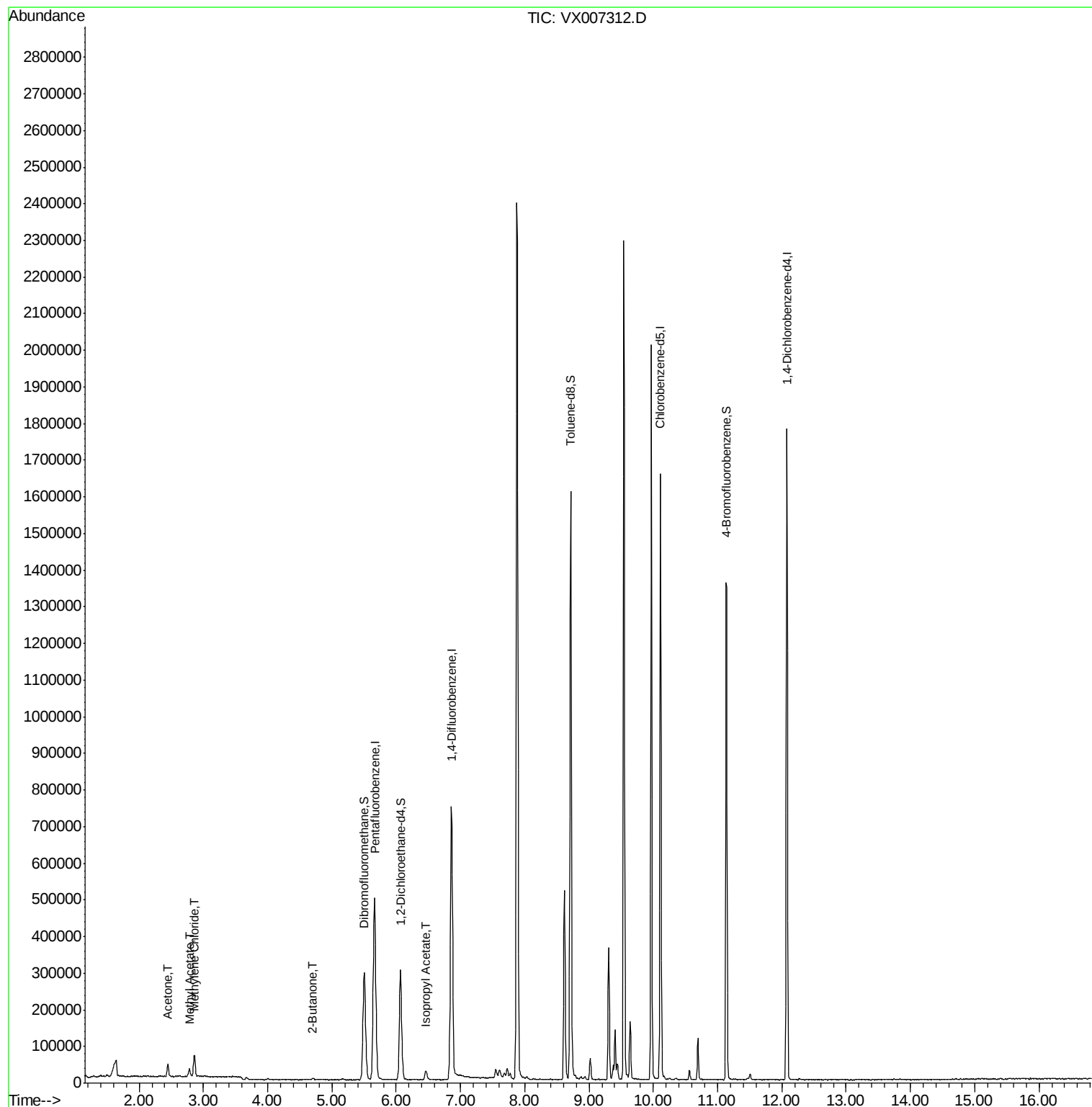
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	513078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	800458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	782730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	381717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	276801	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
35) Dibromofluoromethane	5.50	113	252501	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	988448	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	351191	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
Target Compounds						
16) Acetone	2.45	43	38842	14.653	ug/l	94
18) Methyl Acetate	2.78	43	28172	3.670	ug/l	94
20) Methylene Chloride	2.86	84	28356	5.116	ug/l	86
25) 2-Butanone	4.70	43	6615	1.744	ug/l #	77
43) Isopropyl Acetate	6.46	43	31313	2.661	ug/l	100

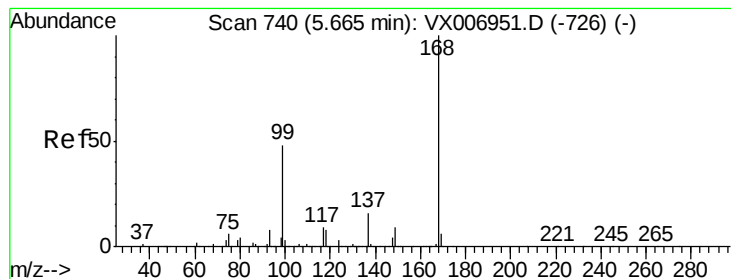
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007312.D

Acq: 30 Jan 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

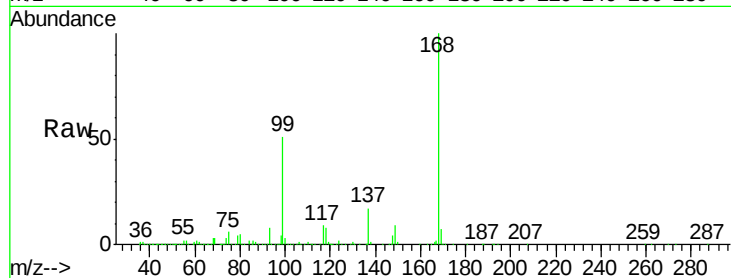
PB116701ZHE#06

Tot Ion:168 Resp: 513078

Ion Ratio Lower Upper

168 100

99 51.1 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

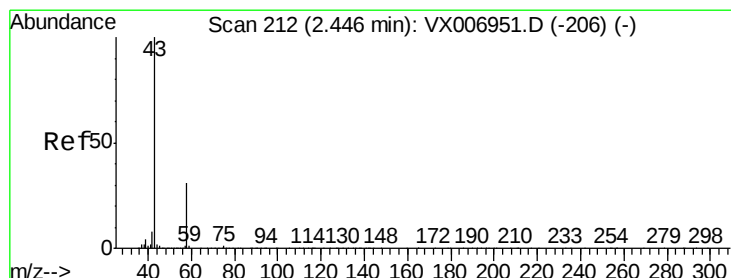
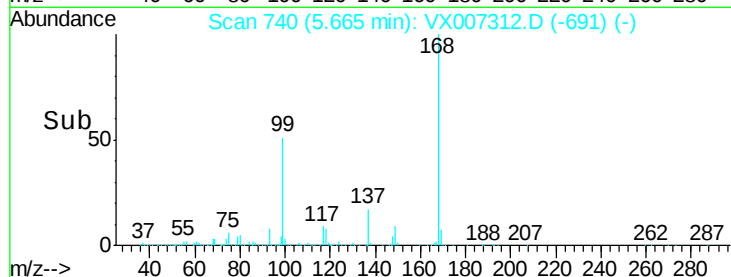
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.653 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007312.D

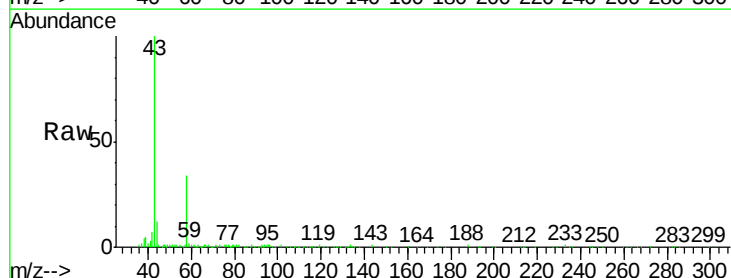
Acq: 30 Jan 2019 14:04

Tgt Ion: 43 Resp: 38842

Ion Ratio Lower Upper

43 100

58 34.4 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

25000

20000

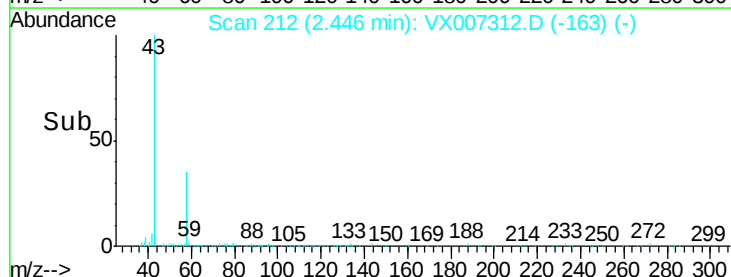
15000

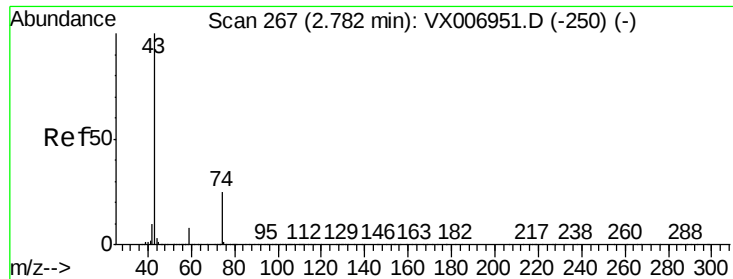
10000

5000

0

Time-->

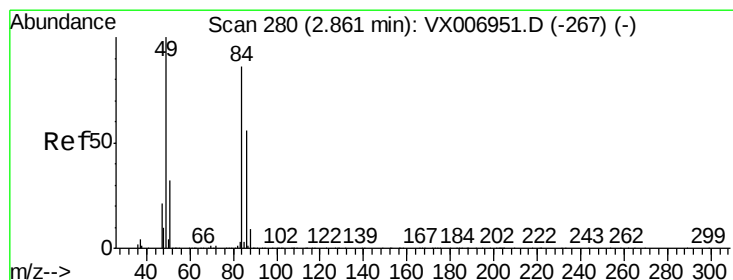
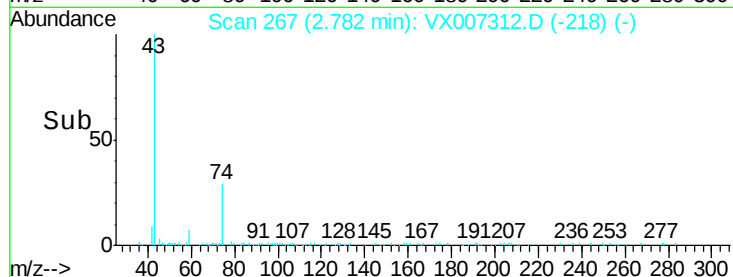
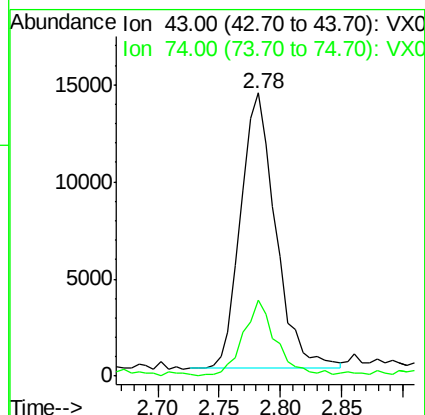
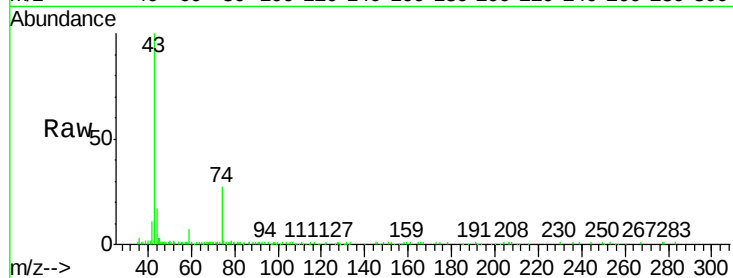




#18
Methyl Acetate
Concen: 3.670 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007312.D
Acq: 30 Jan 2019 14:04

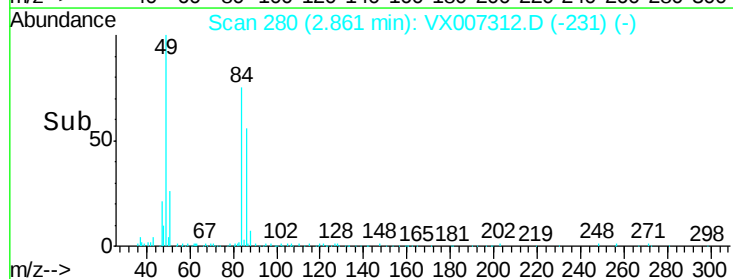
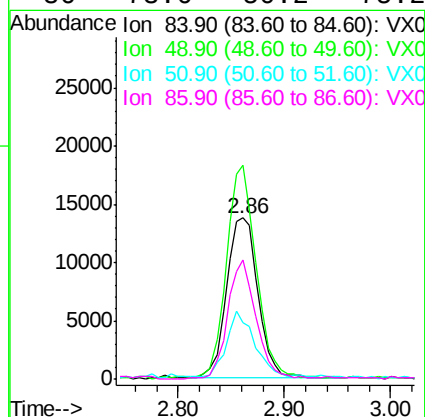
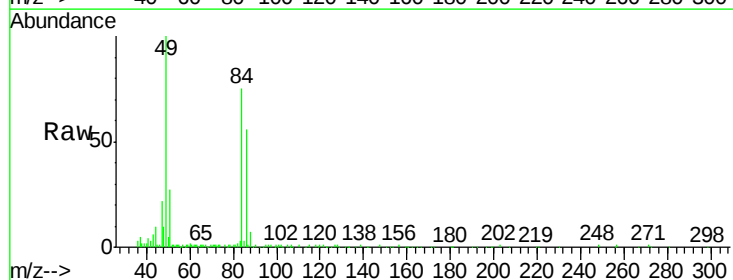
Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#06

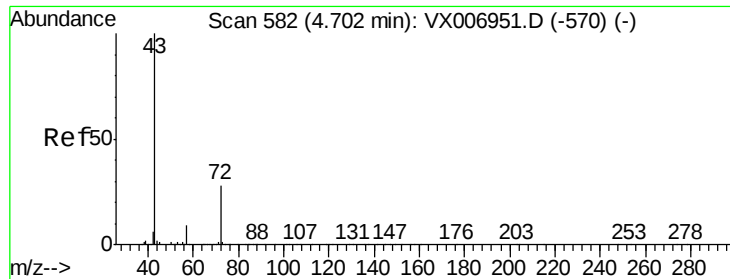
Tot Ion: 43 Resp: 28172
Ion Ratio Lower Upper
43 100
74 26.3 18.6 28.0



#20
Methylene Chloride
Concen: 5.116 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007312.D
Acq: 30 Jan 2019 14:04

Tgt Ion: 84 Resp: 28356
Ion Ratio Lower Upper
84 100
49 133.0 91.8 137.6
51 33.9 28.5 42.7
86 73.6 50.2 75.2





#25

2-Butanone

Concen: 1.744 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007312.D

Acq: 30 Jan 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

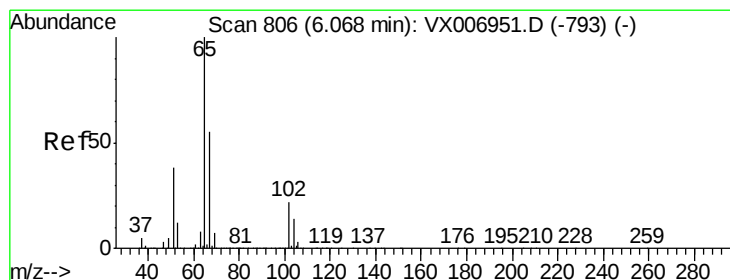
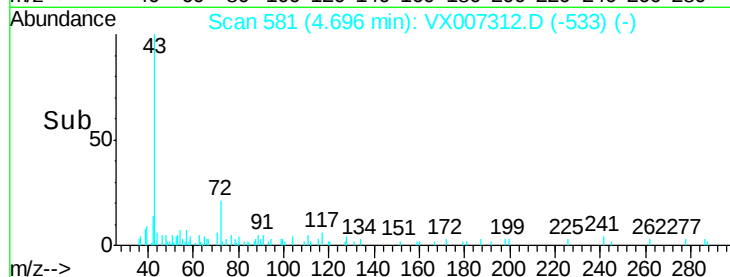
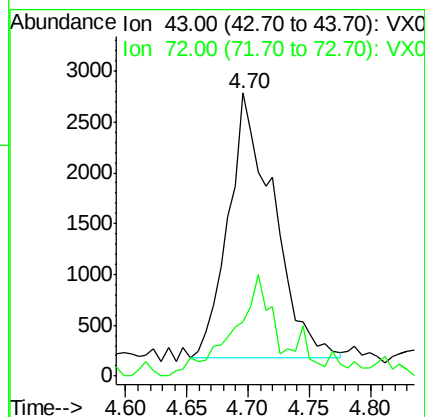
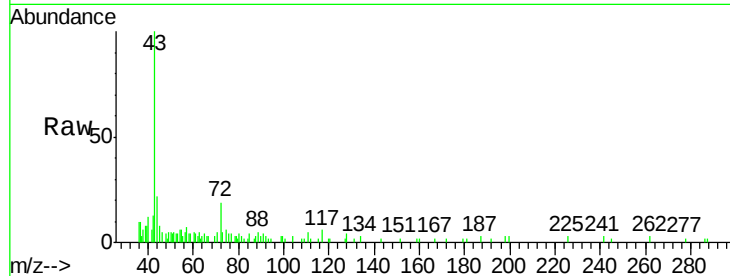
PB116701ZHE#06

Tot Ion: 43 Resp: 6615

Ion Ratio Lower Upper

43 100

72 16.1 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 51.622 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007312.D

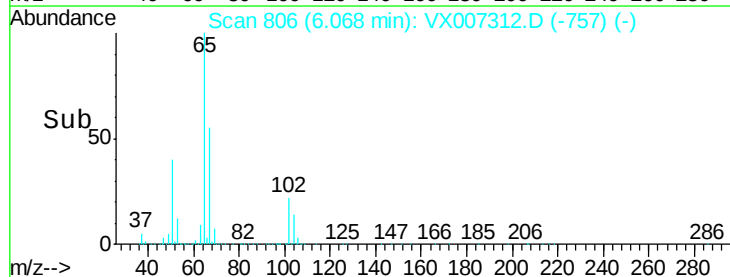
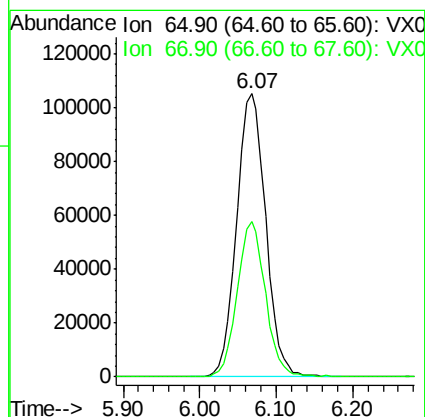
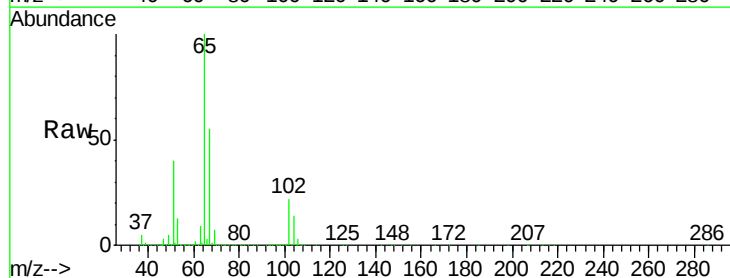
Acq: 30 Jan 2019 14:04

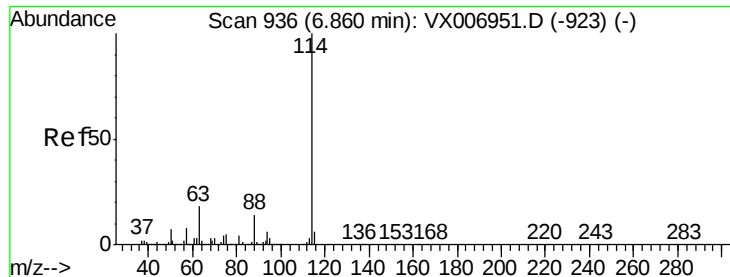
Tgt Ion: 65 Resp: 276801

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: VX007312.D

Acq: 30 Jan 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#06

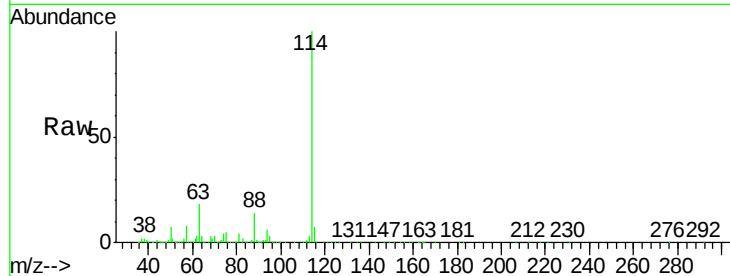
Tot Ion:114 Resp: 800458

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

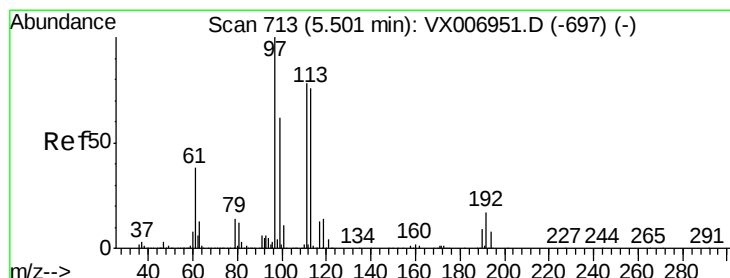
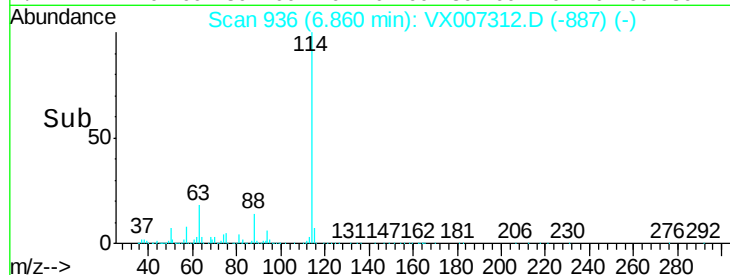
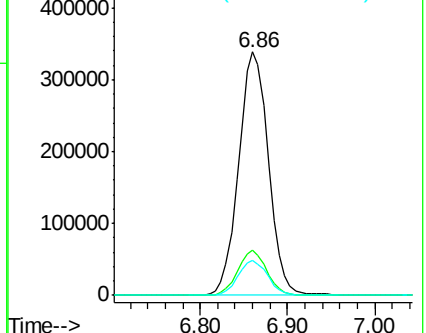
88 14.4 0.0 28.8



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: 49.258 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007312.D

Acq: 30 Jan 2019 14:04

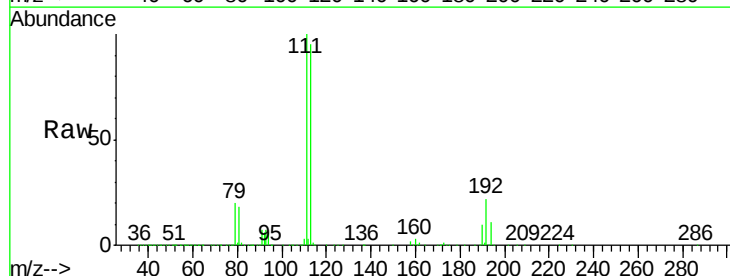
Tgt Ion:113 Resp: 252501

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

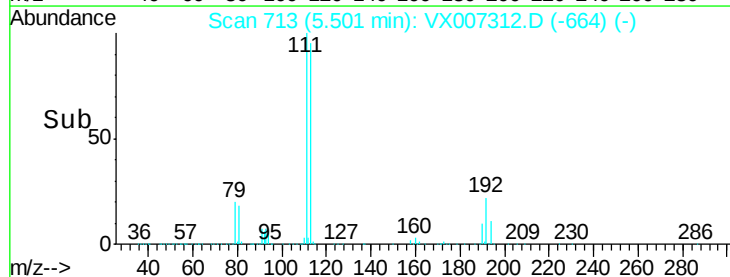
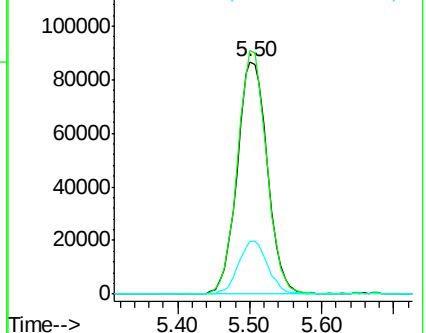
192 22.1 16.7 25.1

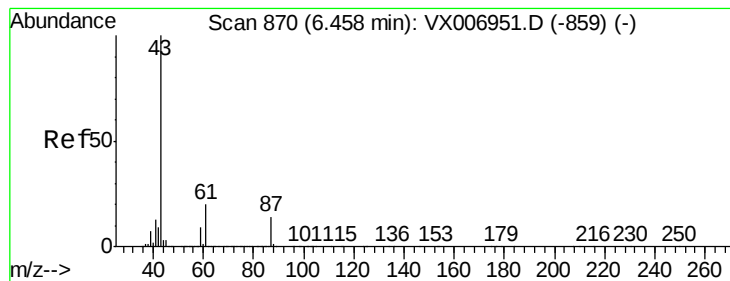


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



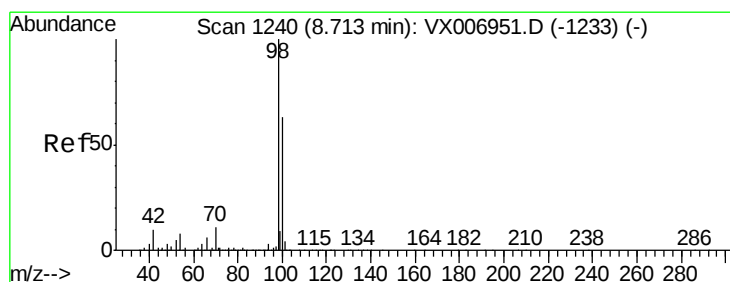
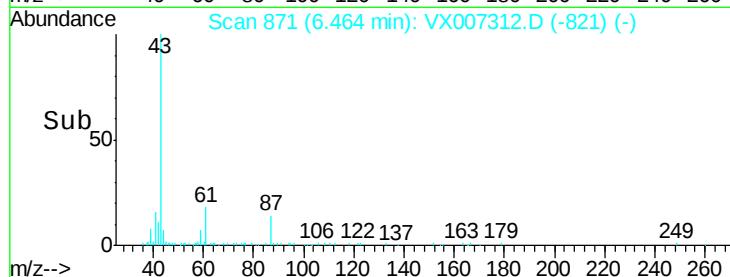
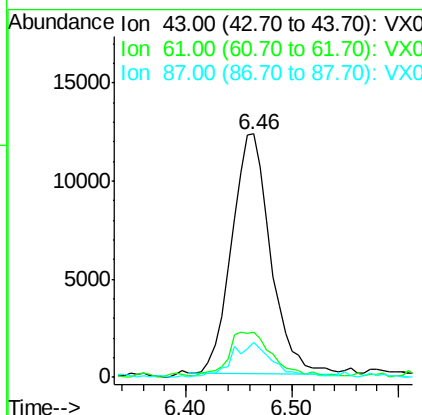
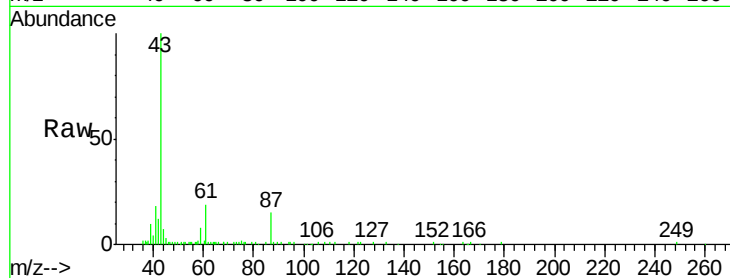


#43

Isopropyl Acetate
 Concen: 2.661 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007312.D
 Acq: 30 Jan 2019 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701ZHE#06

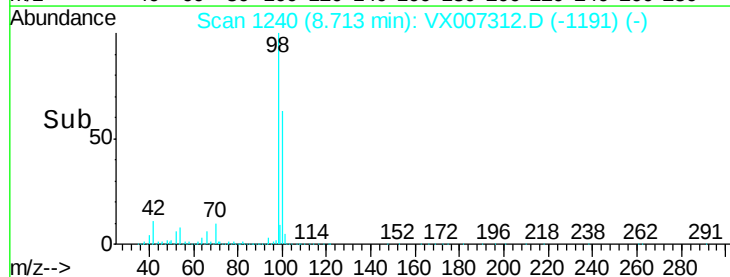
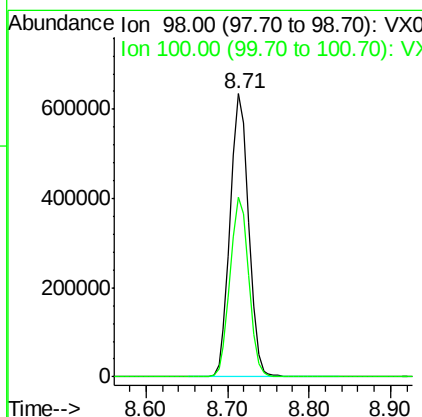
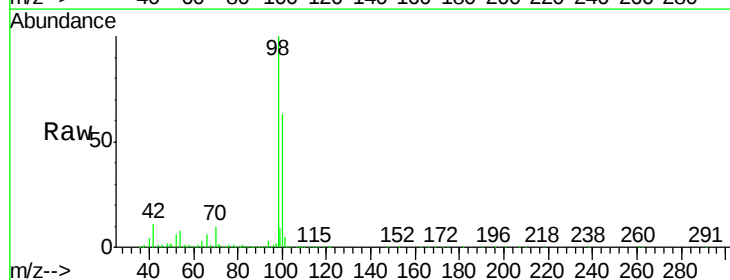
Tot Ion	43	Resp	31313
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.8	25.2
87	15.3	12.4	18.6

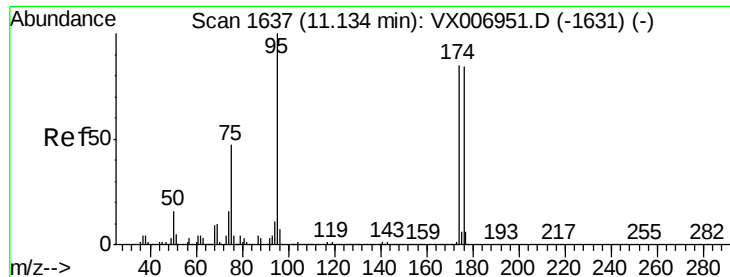


#50

Toluene-d8
 Concen: 52.681 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007312.D
 Acq: 30 Jan 2019 14:04

Tgt Ion	98	Resp	988448
Ion Ratio	Lower	Upper	
98	100		
100	63.8	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 53.689 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007312.D

Acq: 30 Jan 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#06

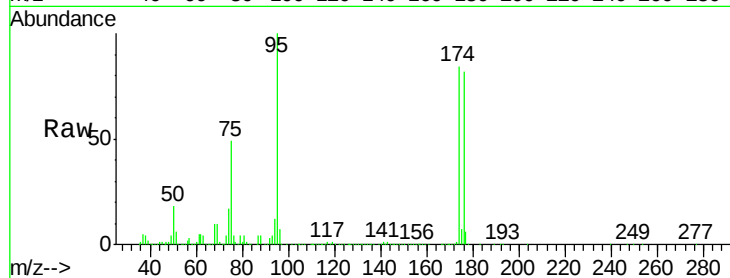
Tot Ion: 95 Resp: 351191

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

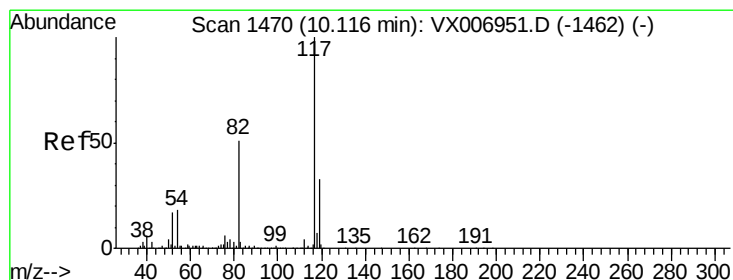
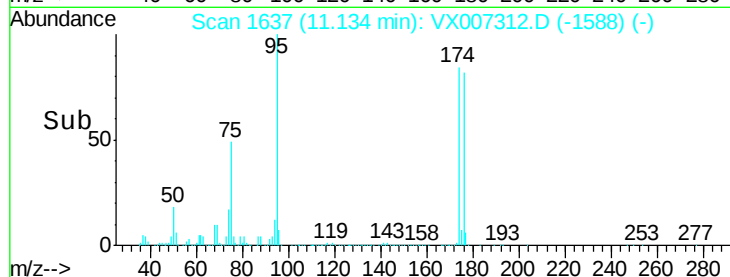
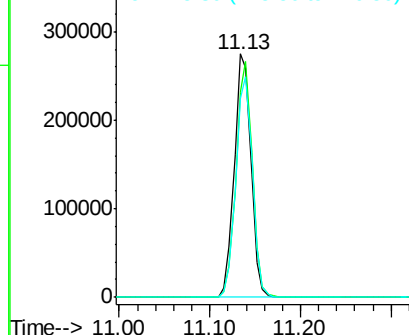
176 90.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007312.D

Acq: 30 Jan 2019 14:04

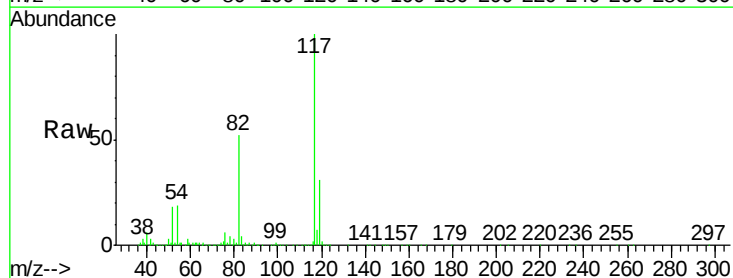
Tgt Ion: 117 Resp: 782730

Ion Ratio Lower Upper

117 100

82 51.5 41.0 61.6

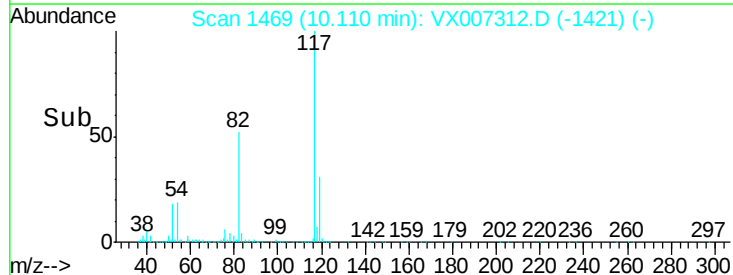
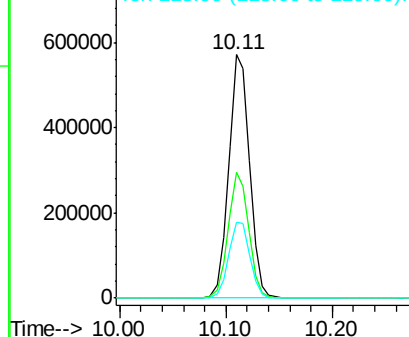
119 31.4 25.4 38.0

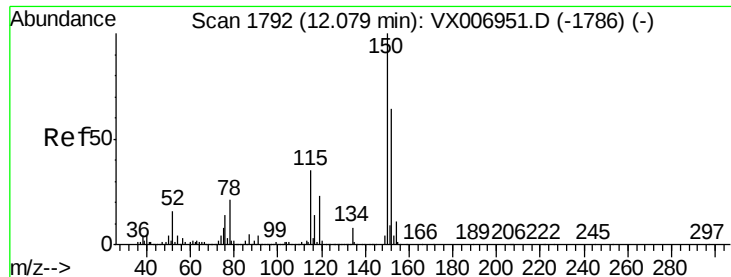


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007312.D

Acq: 30 Jan 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#06

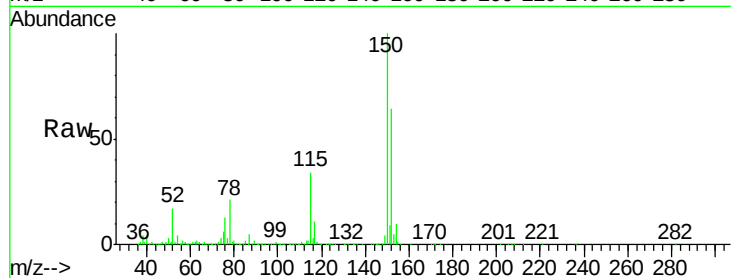
Tot Ion:152 Resp: 381717

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

150 155.7 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

