

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007311.D
 Acq On : 30 Jan 2019 13:38
 Operator : JC/SP
 Sample : PB116701ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701ZHE#05

Quant Time: Jan 31 03:58:51 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	525687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	812472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	789976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	380754	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	285539	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	5.50	113	258298	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
50) Toluene-d8	8.71	98	992388	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.13	95	348734	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	

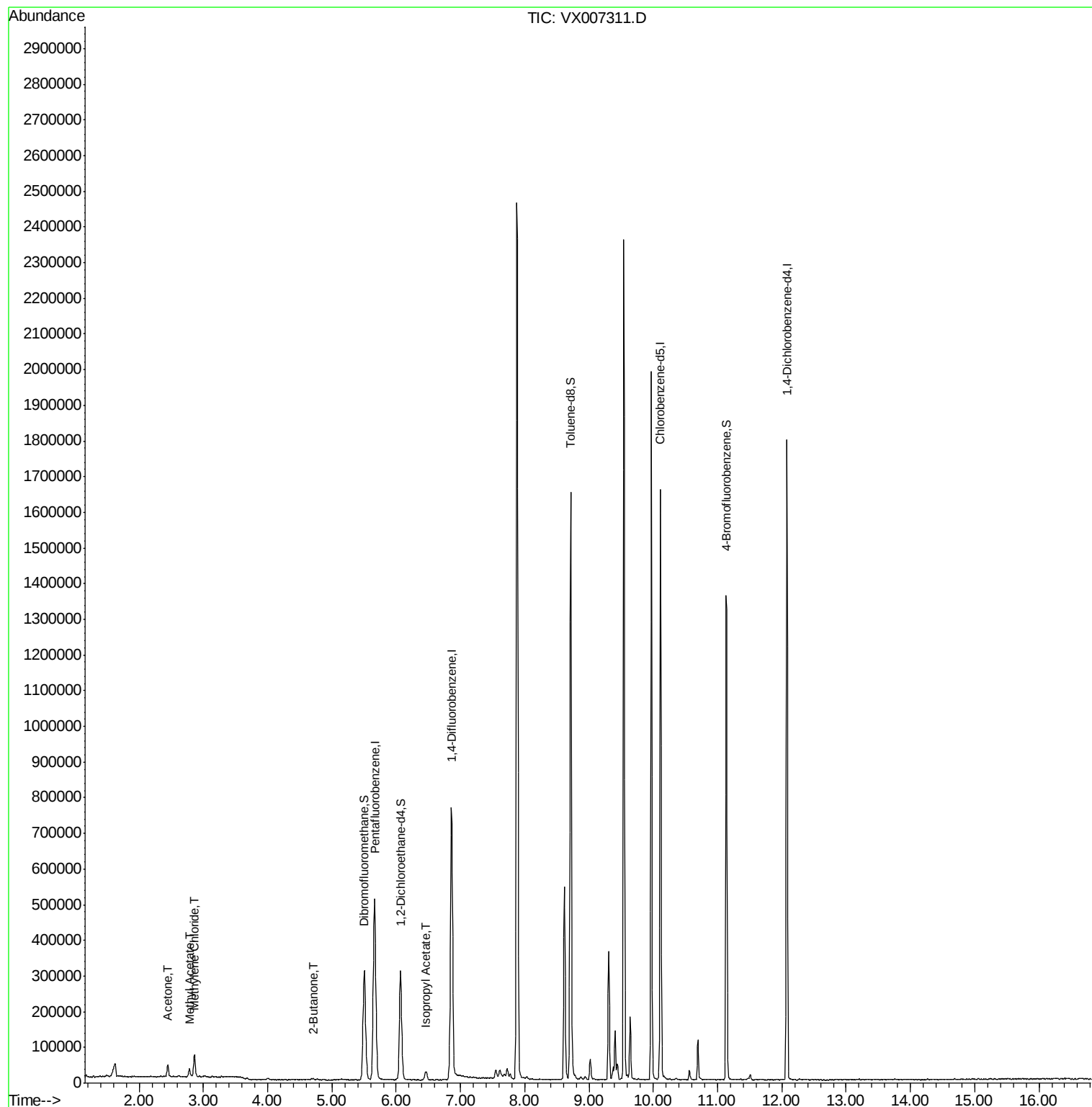
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	40571	14.938	ug/l	100
18) Methyl Acetate	2.78	43	30480	3.875	ug/l	98
20) Methylene Chloride	2.86	84	28534	5.014	ug/l	97
25) 2-Butanone	4.71	43	7304	1.879	ug/l	97
43) Isopropyl Acetate	6.45	43	32948	2.758	ug/l	98

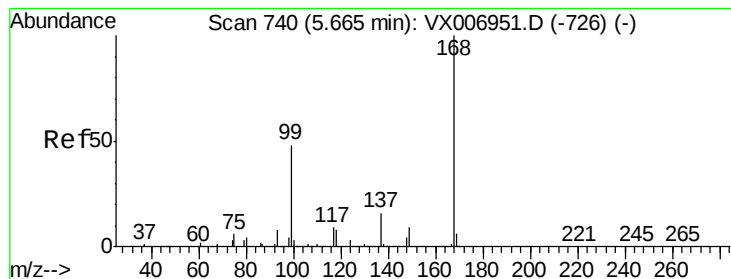
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007311.D

Acq: 30 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

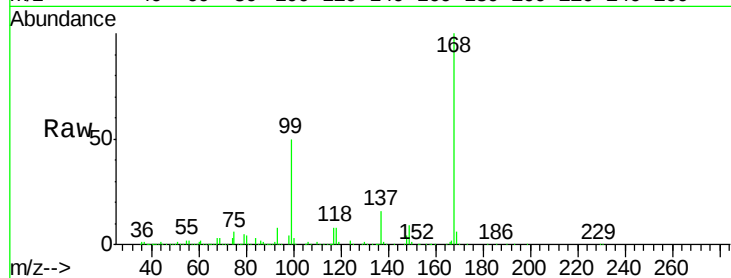
PB116701ZHE#05

Tot Ion:168 Resp: 525687

Ion Ratio Lower Upper

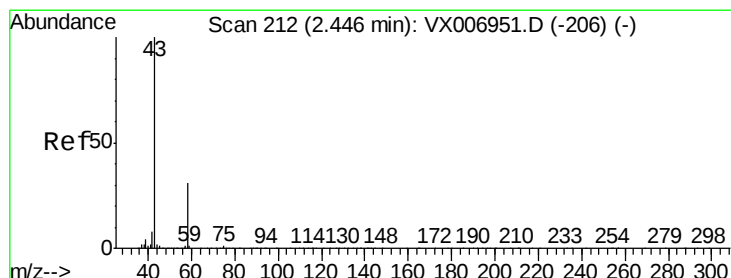
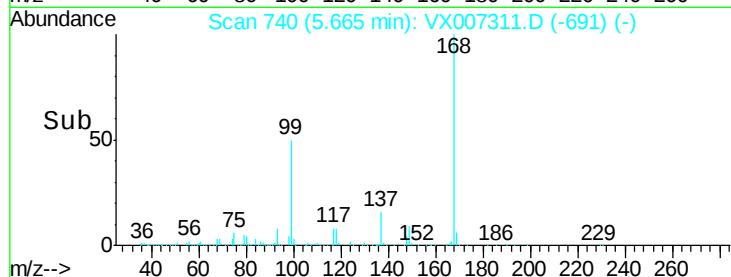
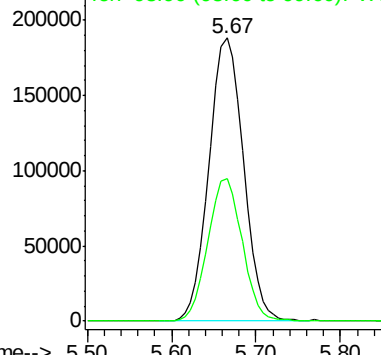
168 100

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



#16

Acetone

Concen: 14.938 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007311.D

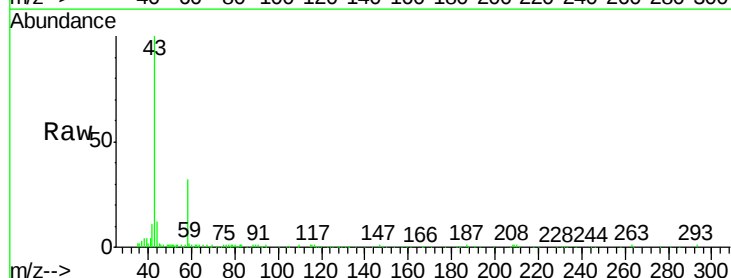
Acq: 30 Jan 2019 13:38

Tgt Ion: 43 Resp: 40571

Ion Ratio Lower Upper

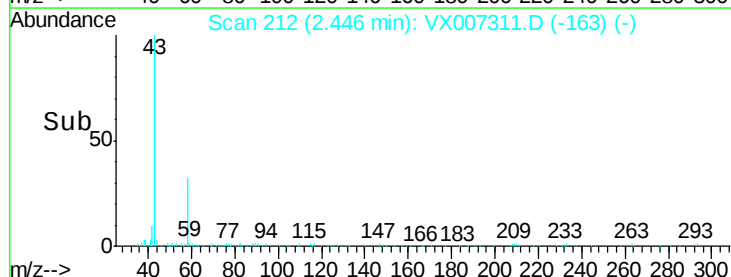
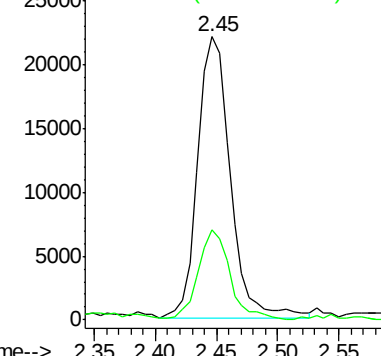
43 100

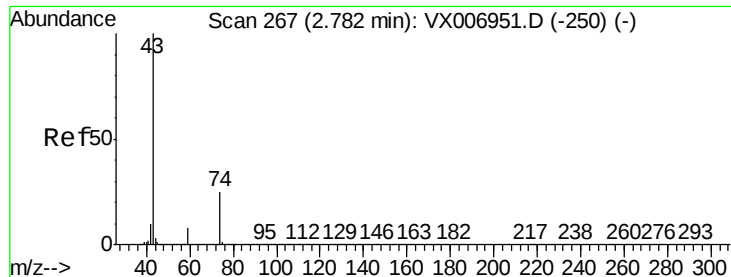
58 31.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

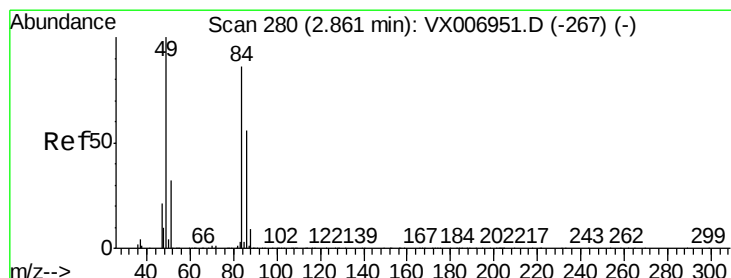
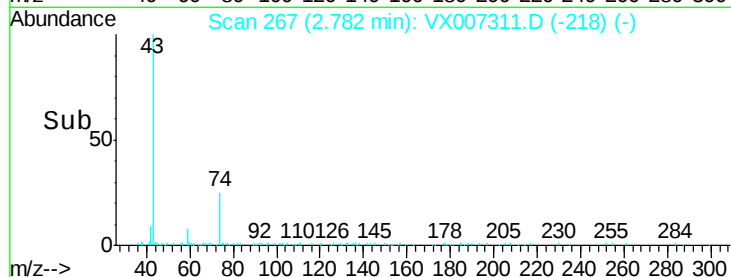
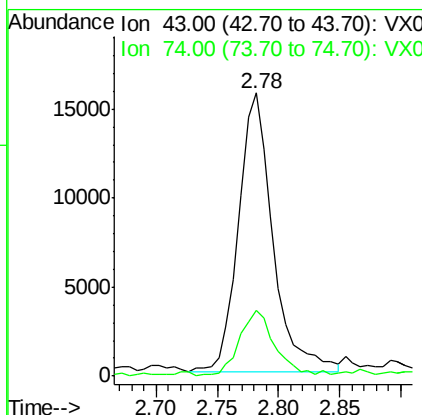
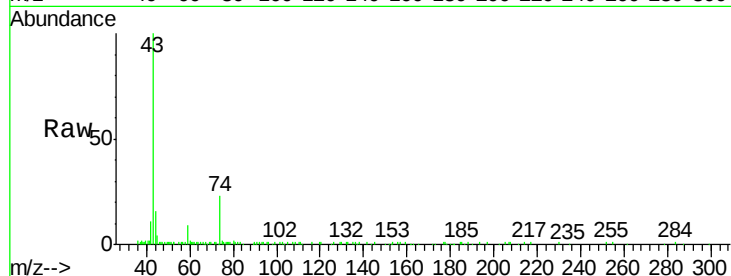




#18
Methyl Acetate
Concen: 3.875 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007311.D
Acq: 30 Jan 2019 13:38

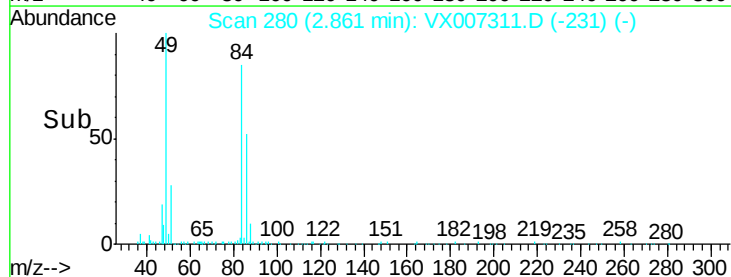
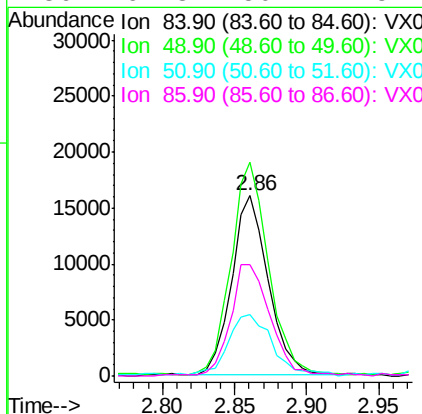
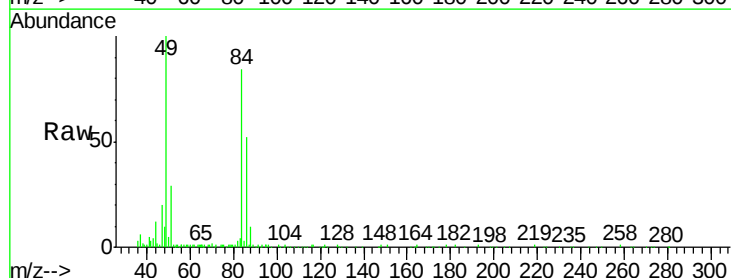
Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#05

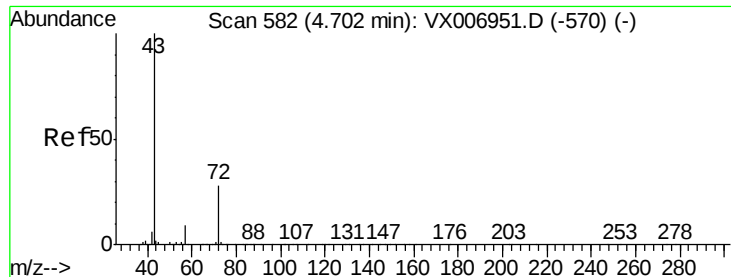
Tot Ion: 43 Resp: 30480
Ion Ratio Lower Upper
43 100
74 24.4 18.6 28.0



#20
Methylene Chloride
Concen: 5.014 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007311.D
Acq: 30 Jan 2019 13:38

Tgt Ion: 84 Resp: 28534
Ion Ratio Lower Upper
84 100
49 118.9 91.8 137.6
51 34.2 28.5 42.7
86 61.8 50.2 75.2





#25

2-Butanone

Concen: 1.879 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007311.D

Acq: 30 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

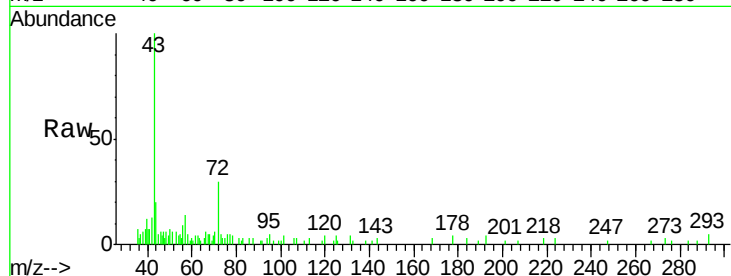
PB116701ZHE#05

Tot Ion: 43 Resp: 7304

Ion Ratio Lower Upper

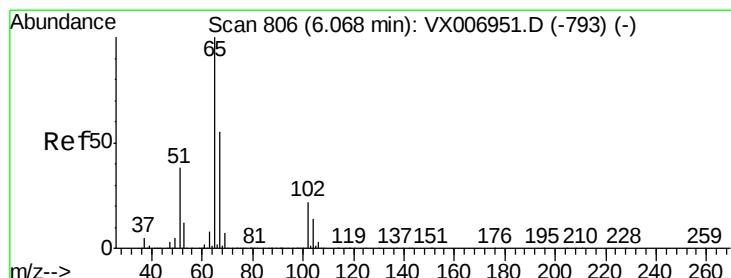
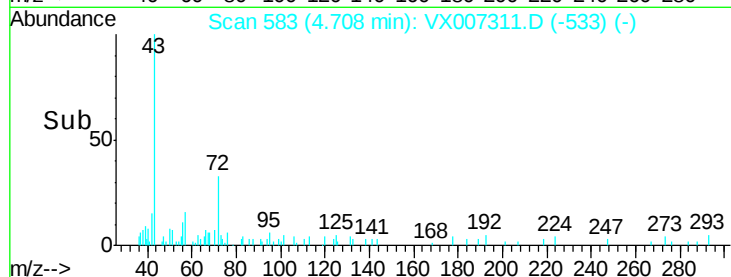
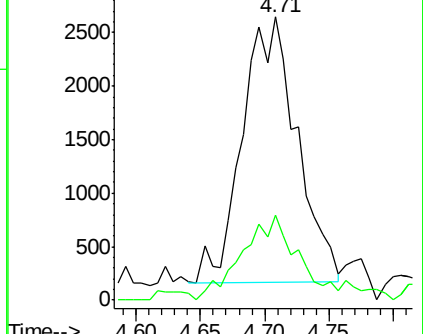
43 100

72 29.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.974 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007311.D

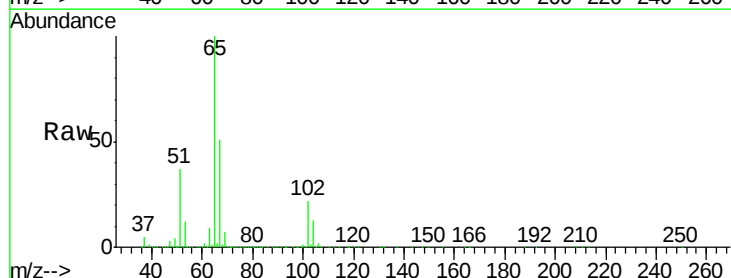
Acq: 30 Jan 2019 13:38

Tgt Ion: 65 Resp: 285539

Ion Ratio Lower Upper

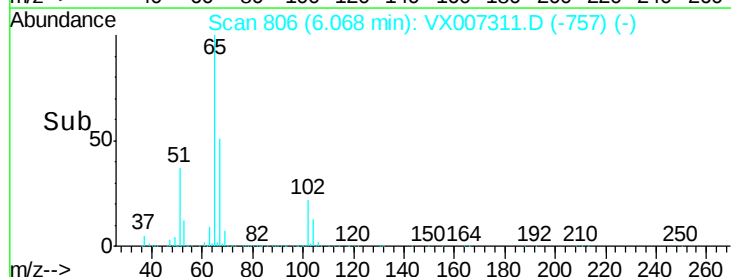
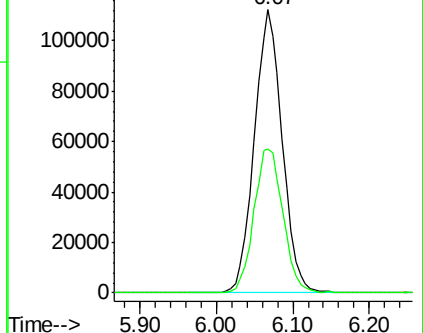
65 100

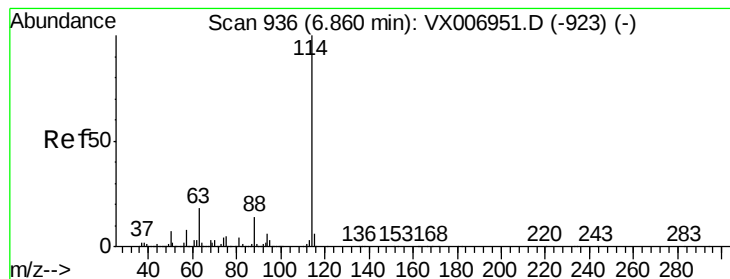
67 53.2 0.0 105.0



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: VX007311.D

Acq: 30 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#05

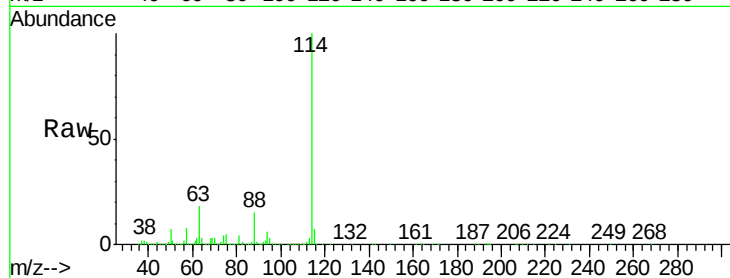
Tot Ion:114 Resp: 812472

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

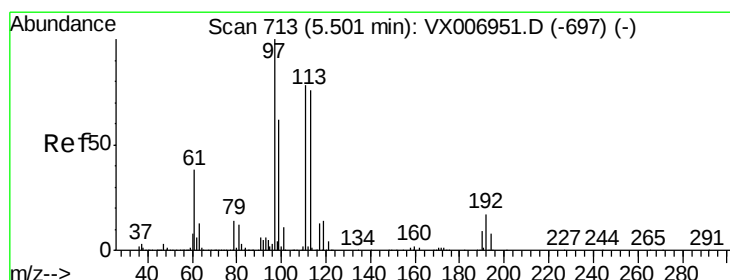
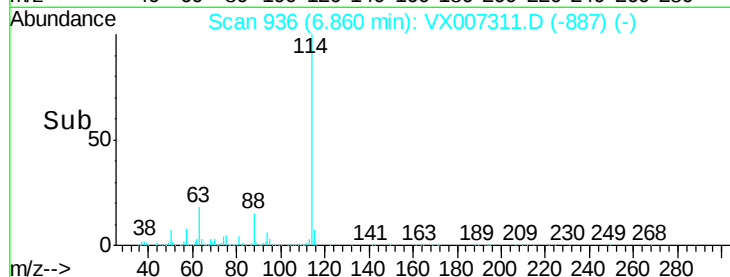
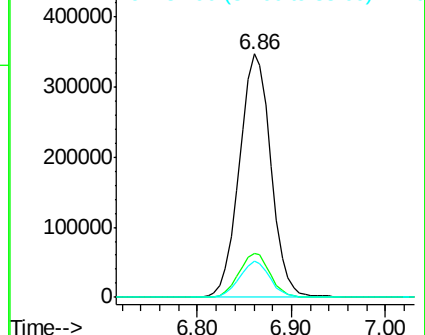
88 14.7 0.0 28.8



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: 49.644 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007311.D

Acq: 30 Jan 2019 13:38

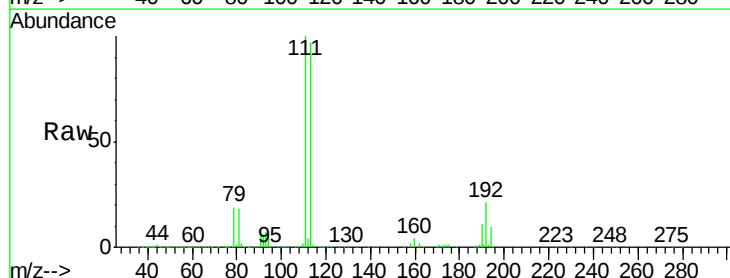
Tgt Ion:113 Resp: 258298

Ion Ratio Lower Upper

113 100

111 100.5 81.6 122.4

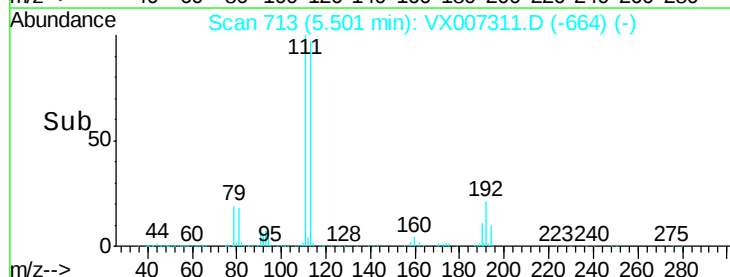
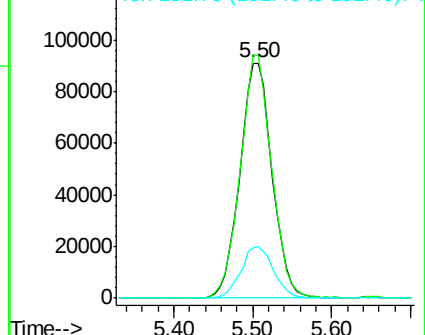
192 22.2 16.7 25.1

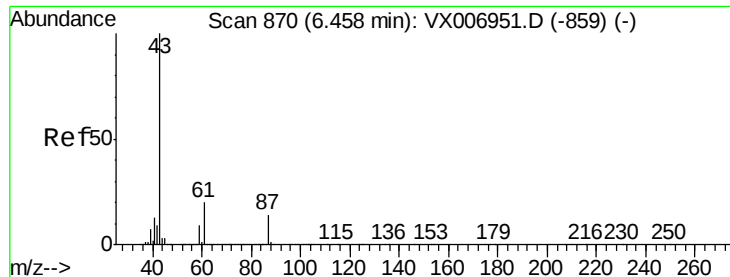


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



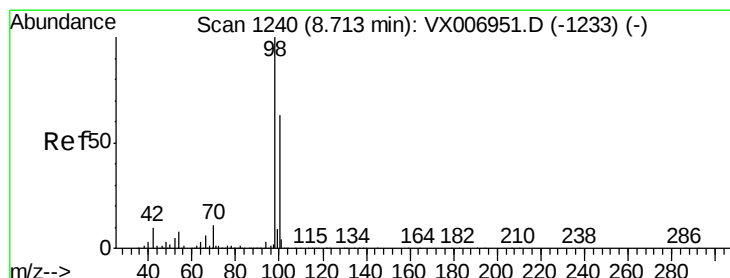
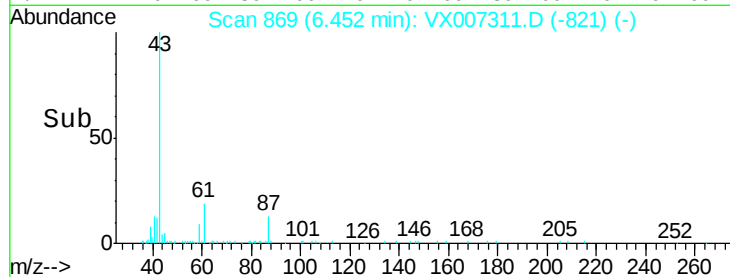
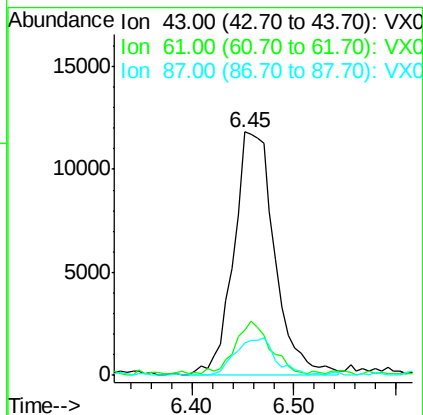
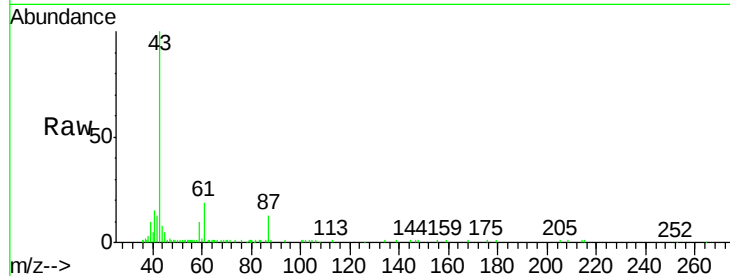


#43

Isopropyl Acetate
 Concen: 2.758 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: VX007311.D
 Acq: 30 Jan 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701ZHE#05

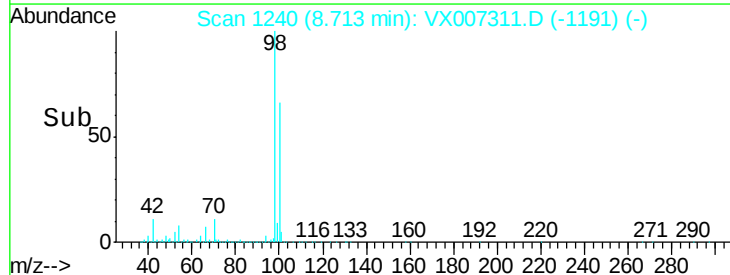
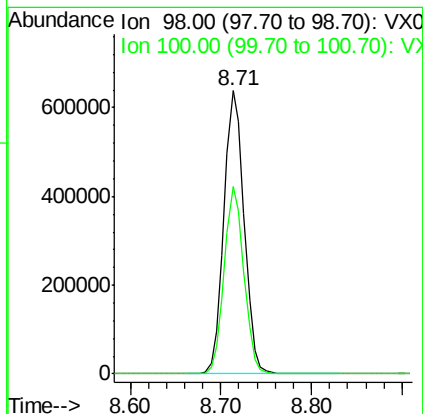
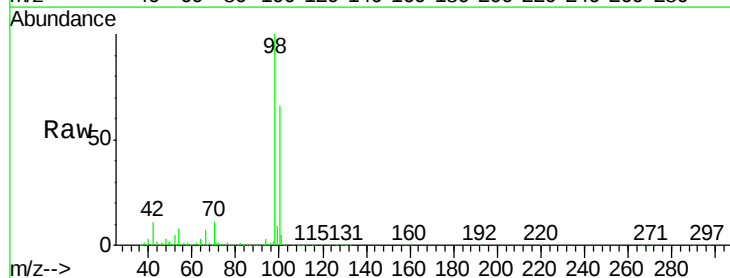
Tot Ion	43	Resp	32948
Ion Ratio	Lower	Upper	
43	100		
61	19.9	16.8	25.2
87	15.0	12.4	18.6

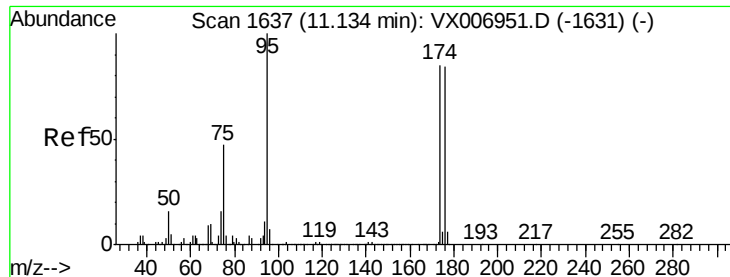


#50

Toluene-d8
 Concen: 52.108 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007311.D
 Acq: 30 Jan 2019 13:38

Tgt Ion	98	Resp	992388
Ion Ratio	Lower	Upper	
98	100		
100	64.4	52.0	78.0

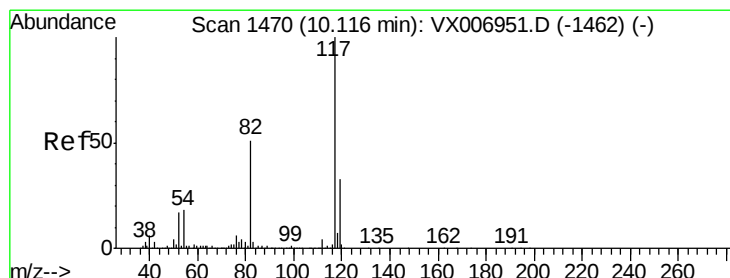
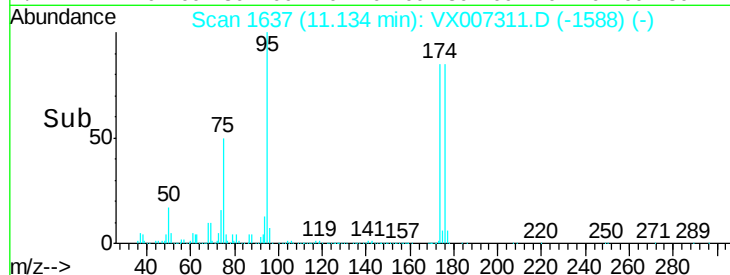
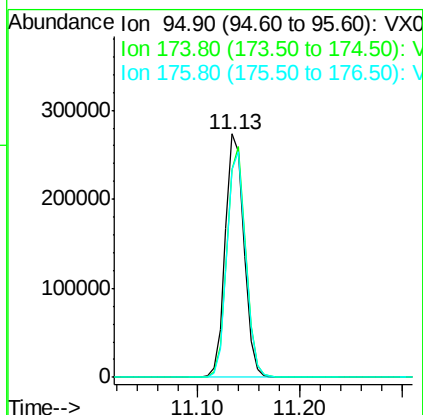
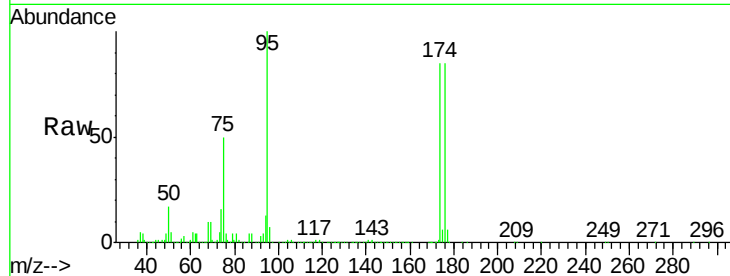




#62
4-Bromofluorobenzene
Concen: 52.525 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007311.D
Acq: 30 Jan 2019 13:38

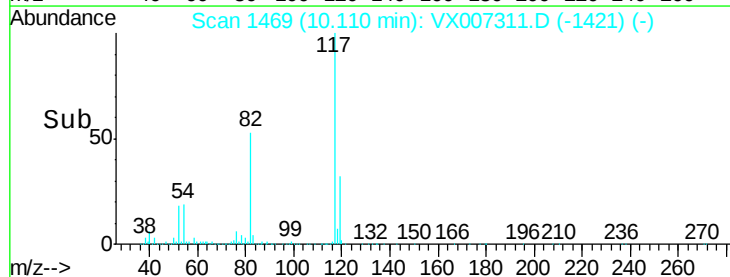
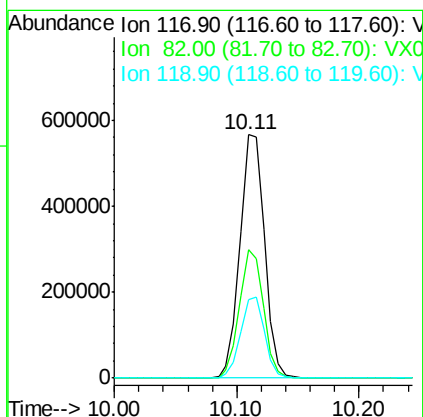
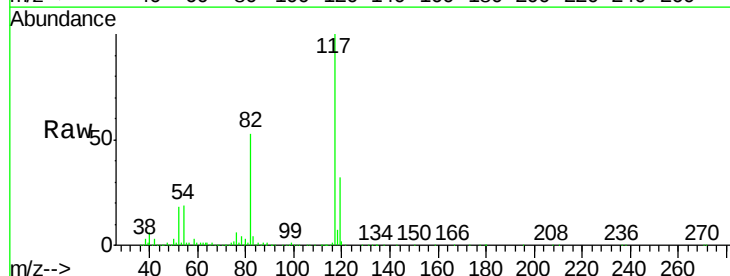
Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#05

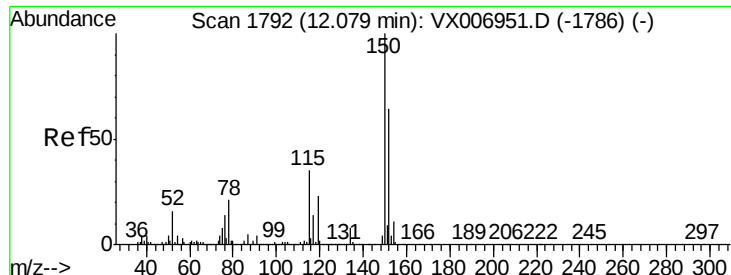
Tot Ion: 95 Resp: 348734
Ion Ratio Lower Upper
95 100
174 93.7 0.0 182.2
176 91.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007311.D
Acq: 30 Jan 2019 13:38

Tgt Ion: 117 Resp: 789976
Ion Ratio Lower Upper
117 100
82 52.6 41.0 61.6
119 32.3 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: VX007311.D

Acq: 30 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#05

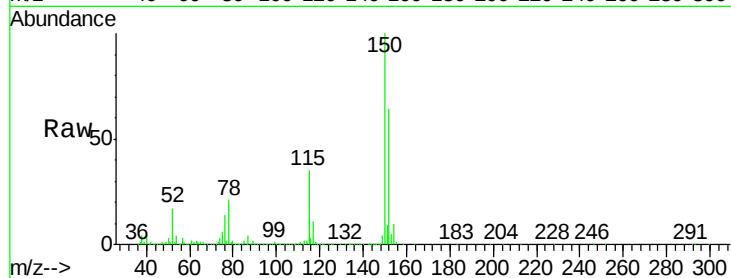
Tot Ion:152 Resp: 380754

Ion Ratio Lower Upper

152 100

115 54.1 39.1 117.2

150 155.3 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

