

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007237.D
 Acq On : 25 Jan 2019 18:55
 Operator : JC/SP
 Sample : PB116609ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609ZHE#03

Quant Time: Jan 28 01:02:15 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	532928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	825096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	804969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	382616	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	286017	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
35) Dibromofluoromethane	5.51	113	258821	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
50) Toluene-d8	8.71	98	1010003	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.13	95	356365	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	

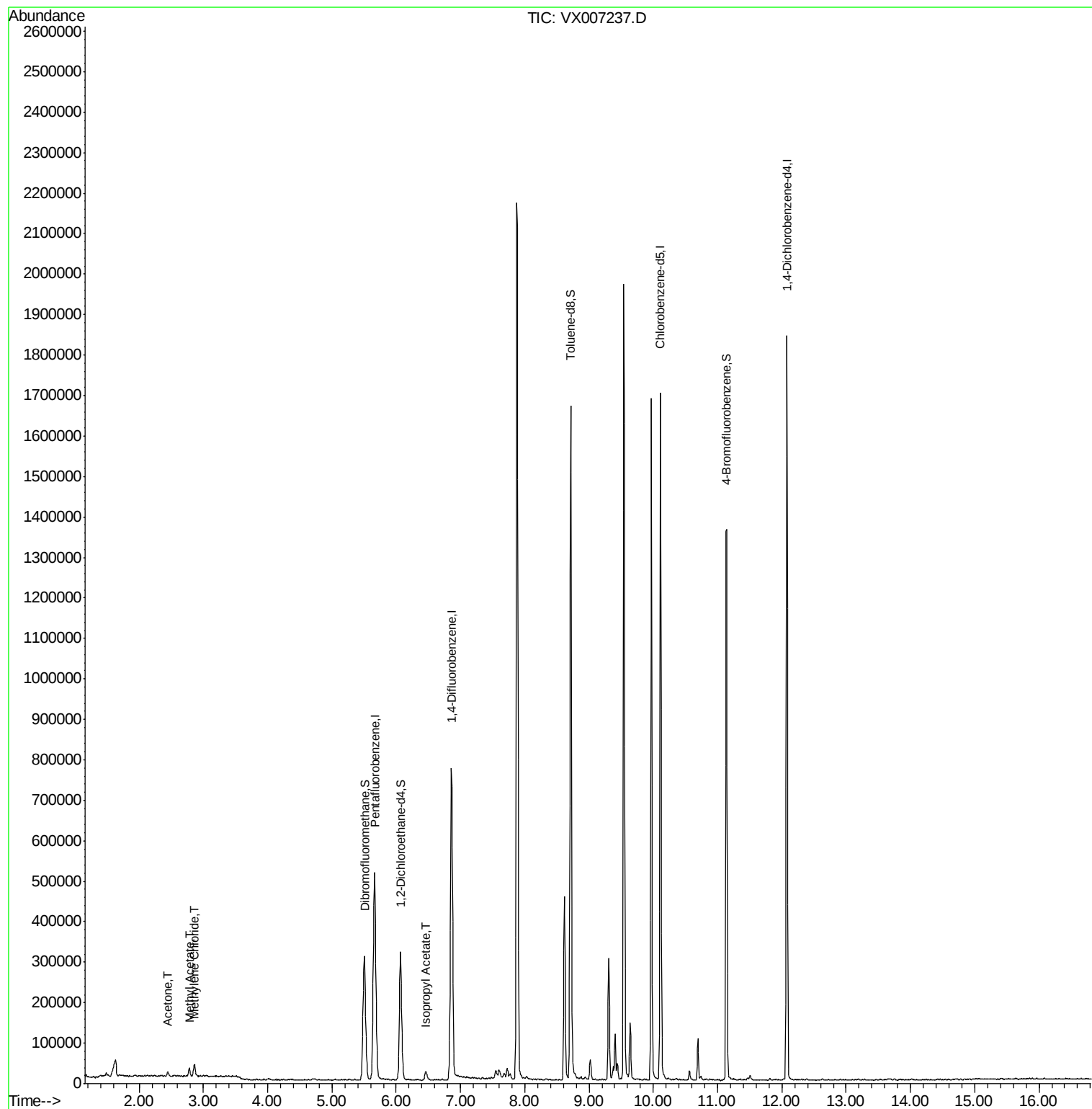
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13924	5.057	ug/l #	87
18) Methyl Acetate	2.78	43	26451	3.317	ug/l	97
20) Methylene Chloride	2.86	84	14330	2.195	ug/l	94
43) Isopropyl Acetate	6.46	43	29282	2.414	ug/l	97

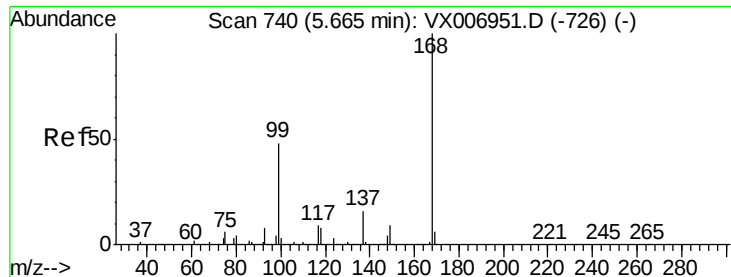
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007237.D

Acq: 25 Jan 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

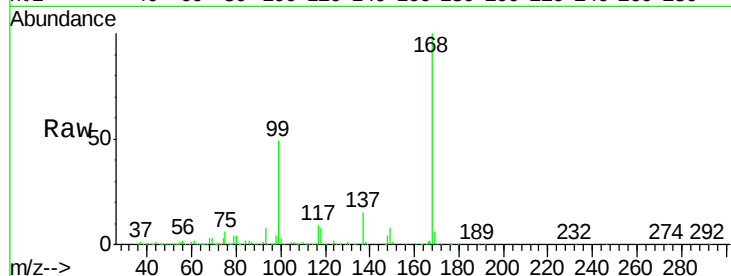
PB116609ZHE#03

Tot Ion:168 Resp: 532928

Ion Ratio Lower Upper

168 100

99 48.6 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

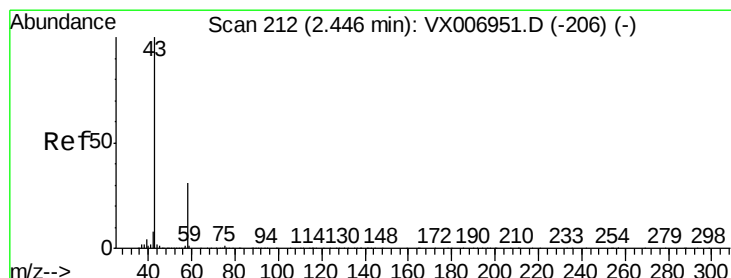
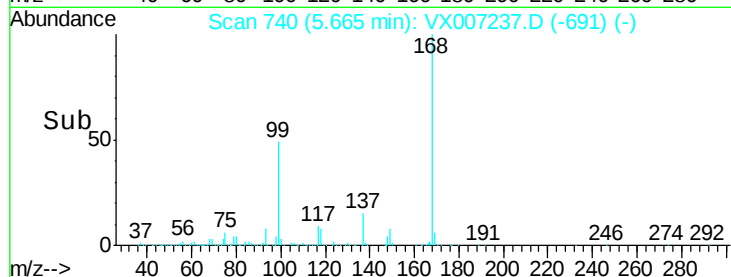
5.67

5.60

5.70

5.80

Time-->



#16

Acetone

Concen: 5.057 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007237.D

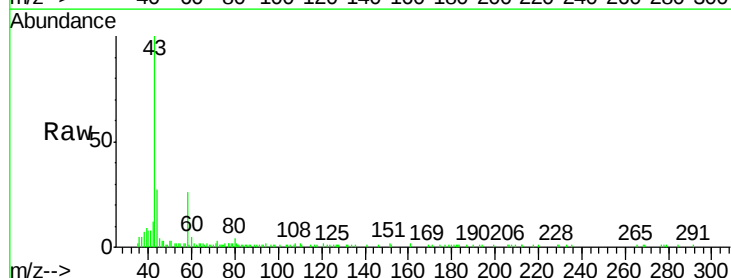
Acq: 25 Jan 2019 18:55

Tgt Ion: 43 Resp: 13924

Ion Ratio Lower Upper

43 100

58 24.2 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

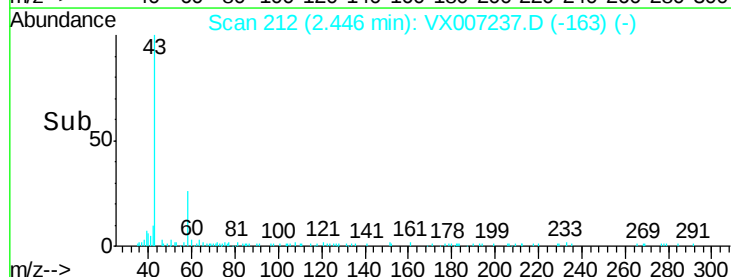
0

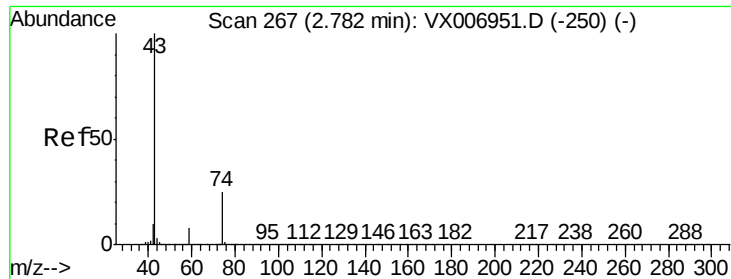
2.45

2.40

2.50

Time-->

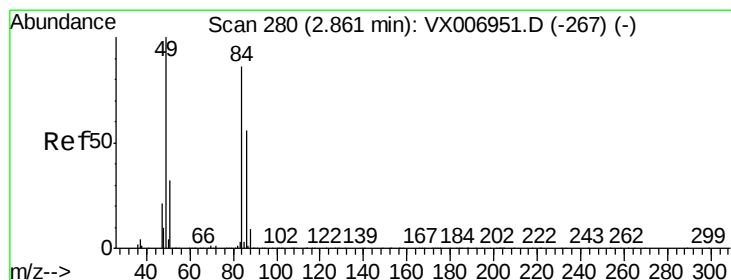
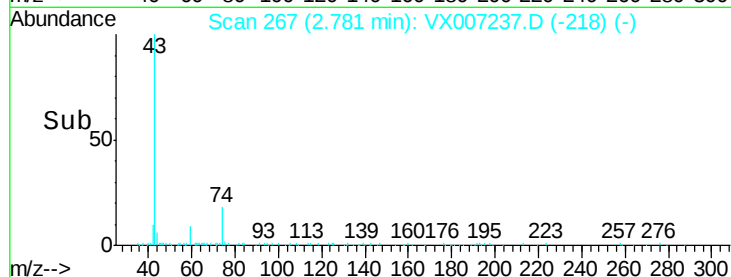
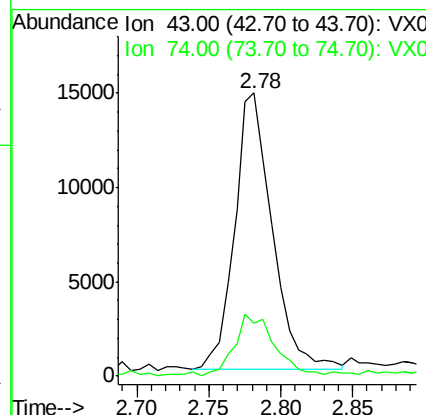
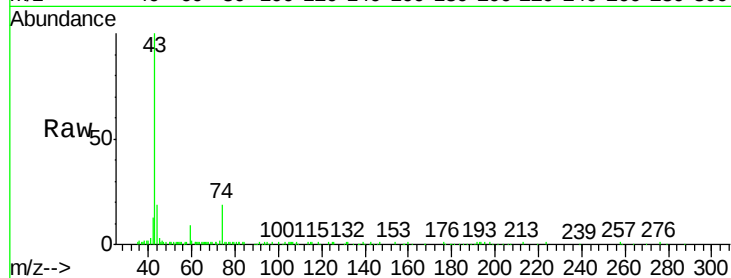




#18
Methyl Acetate
Concen: 3.317 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007237.D
Acq: 25 Jan 2019 18:55

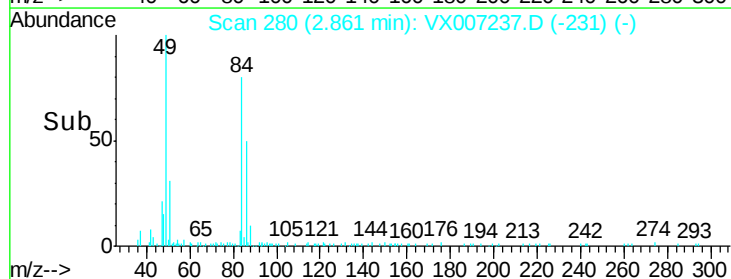
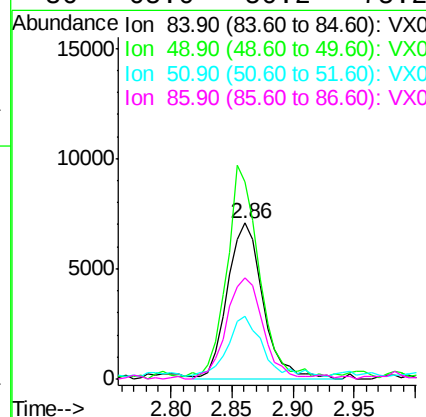
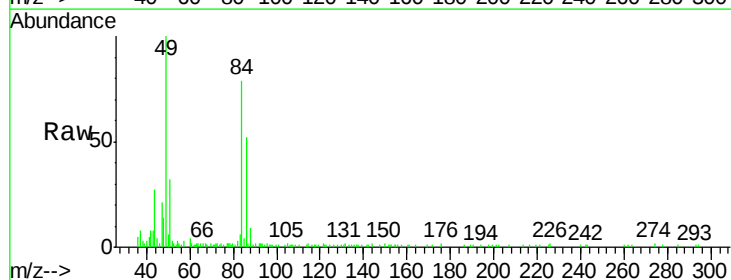
Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#03

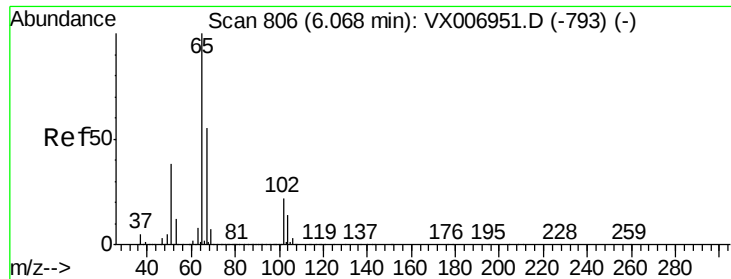
Tot Ion: 43 Resp: 26451
Ion Ratio Lower Upper
43 100
74 24.8 18.6 28.0



#20
Methylene Chloride
Concen: 2.195 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007237.D
Acq: 25 Jan 2019 18:55

Tgt Ion: 84 Resp: 14330
Ion Ratio Lower Upper
84 100
49 123.9 91.8 137.6
51 37.7 28.5 42.7
86 65.0 50.2 75.2

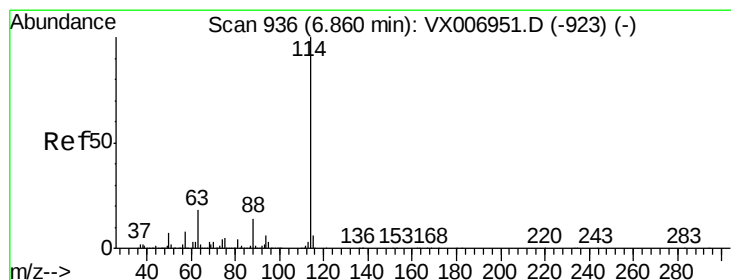
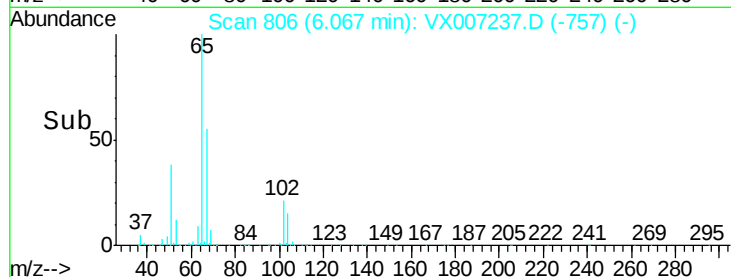
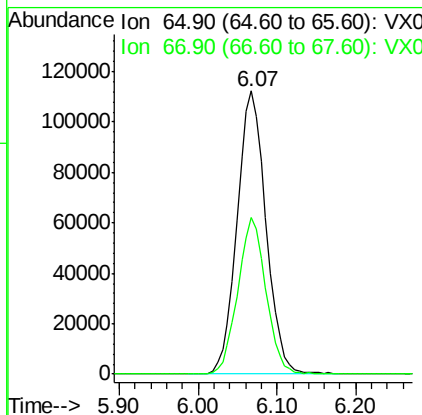
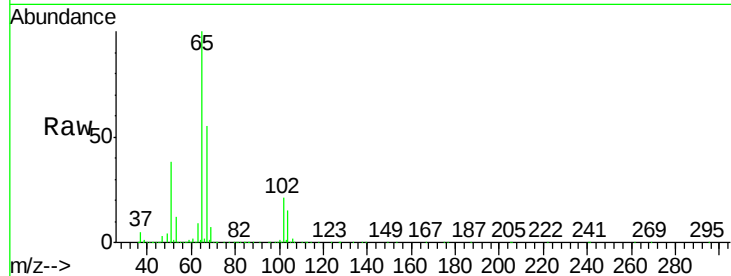




#33
 1,2-Dichloroethane-d4
 Concen: 51.354 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007237.D
 Acq: 25 Jan 2019 18:55

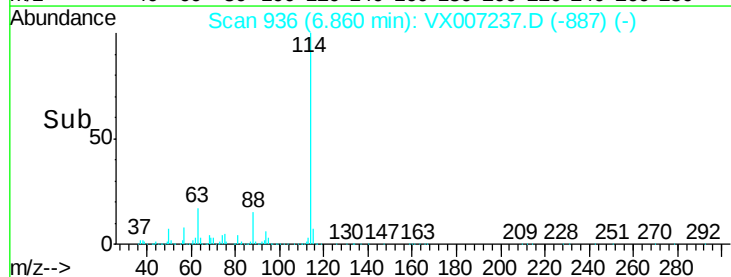
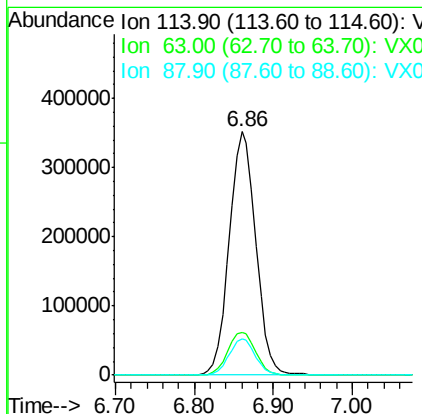
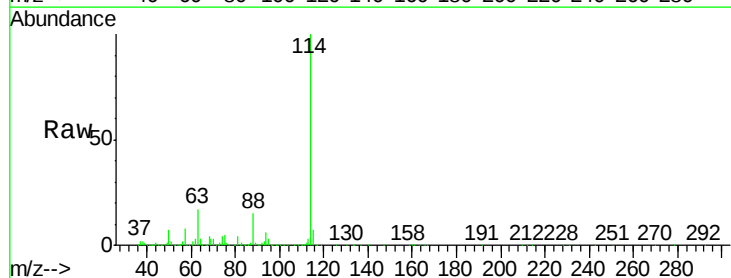
Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609ZHE#03

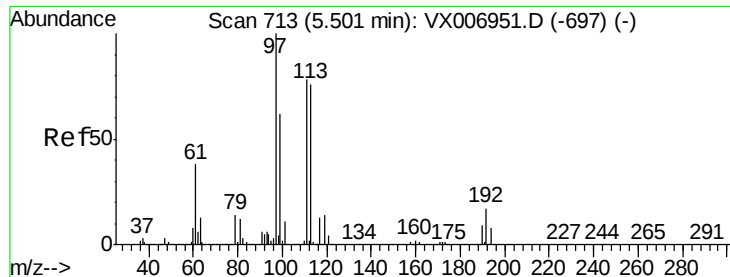
Tot Ion: 65 Resp: 286017
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007237.D
 Acq: 25 Jan 2019 18:55

Tgt Ion: 114 Resp: 825096
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.8
 88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.983 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007237.D

Acq: 25 Jan 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

PB116609ZHE#03

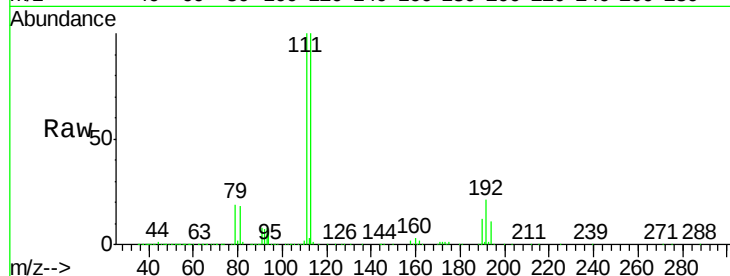
Tot Ion:113 Resp: 258821

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

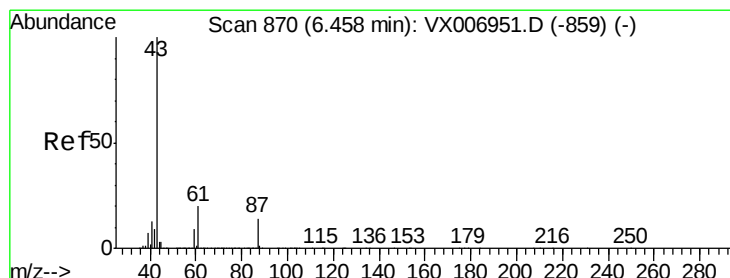
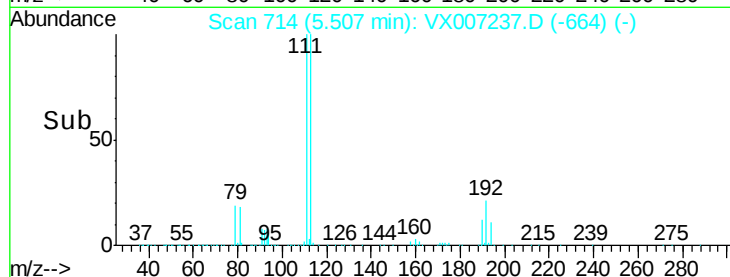
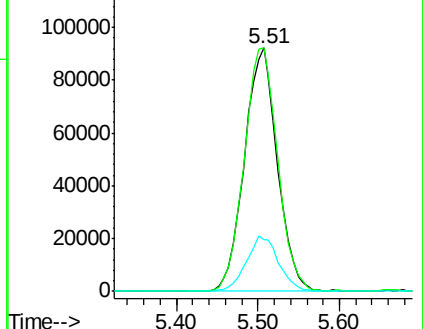
192 22.3 16.7 25.1



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: 2.414 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007237.D

Acq: 25 Jan 2019 18:55

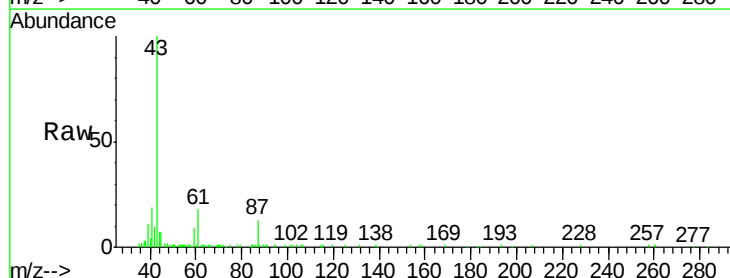
Tgt Ion: 43 Resp: 29282

Ion Ratio Lower Upper

43 100

61 19.6 16.8 25.2

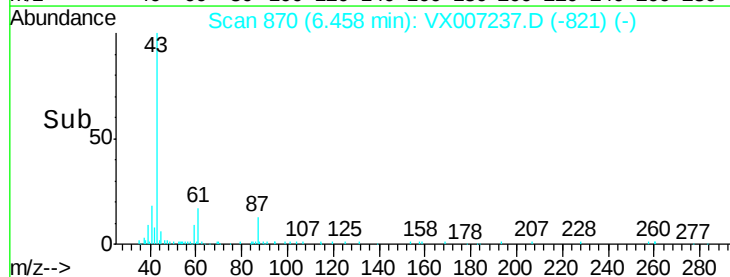
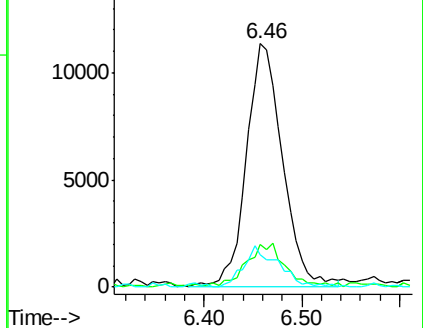
87 16.3 12.4 18.6

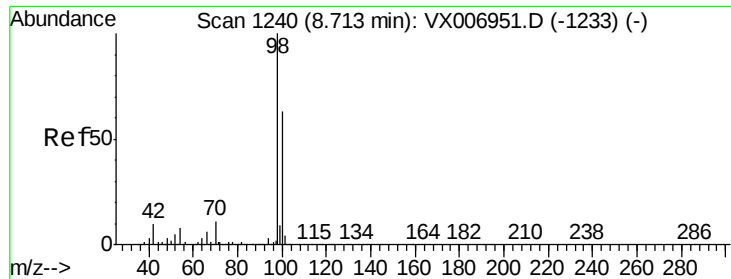


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.222 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007237.D

Acq: 25 Jan 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

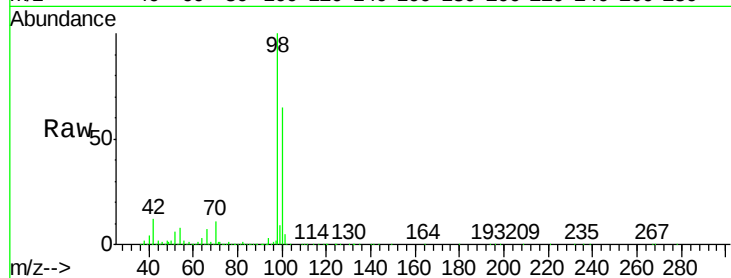
PB116609ZHE#03

Tot Ion: 98 Resp: 1010003

Ion Ratio Lower Upper

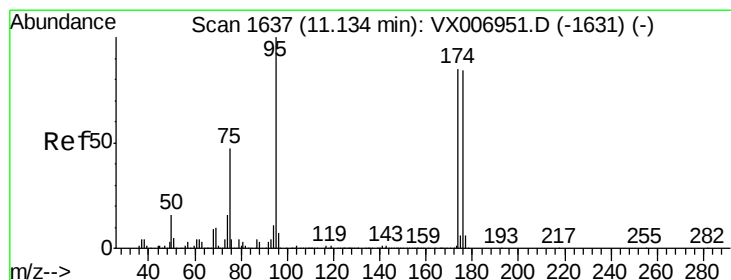
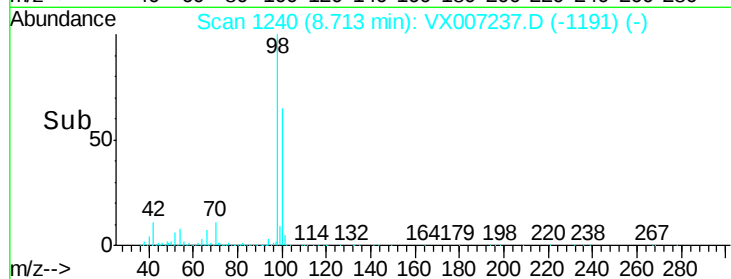
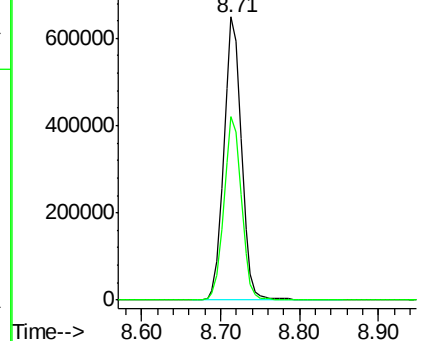
98 100

100 64.2 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: 52.853 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007237.D

Acq: 25 Jan 2019 18:55

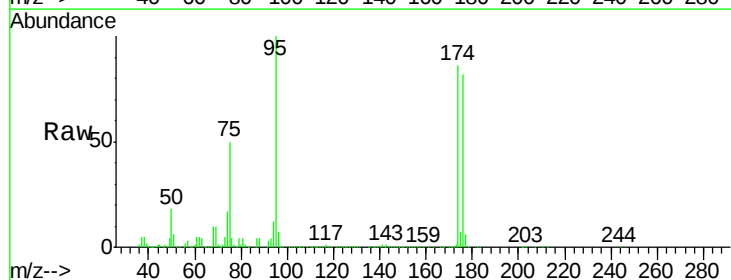
Tgt Ion: 95 Resp: 356365

Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.2

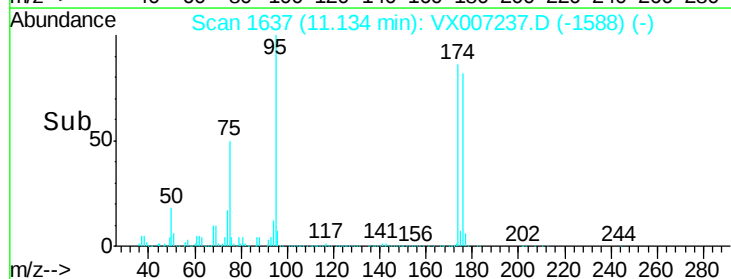
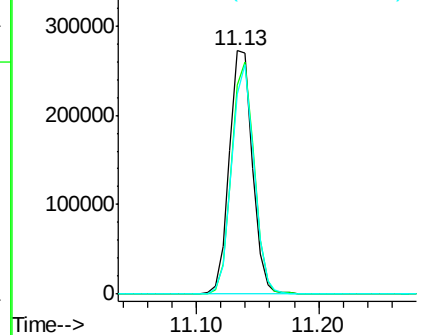
176 91.1 0.0 178.8

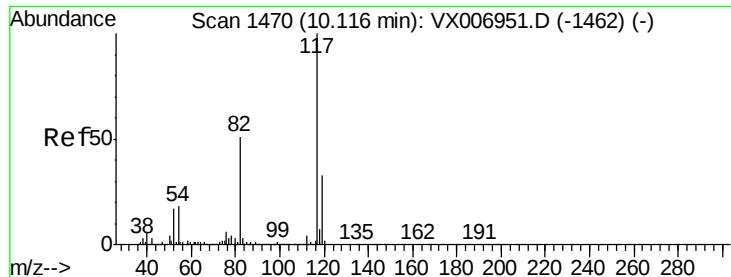


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

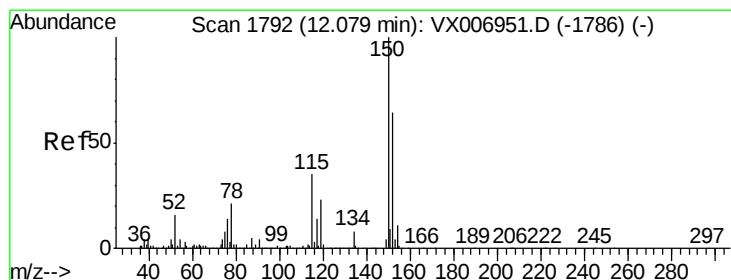
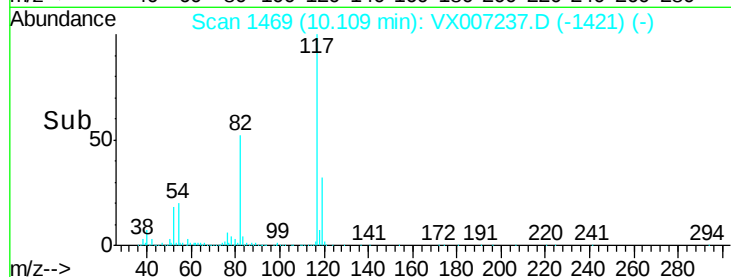
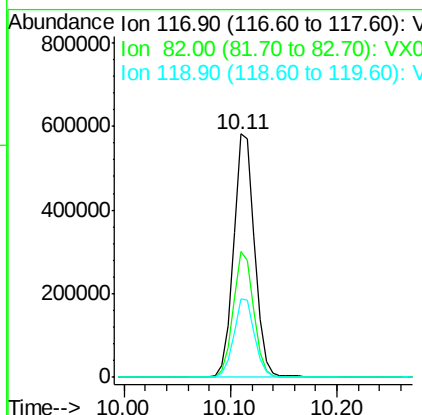
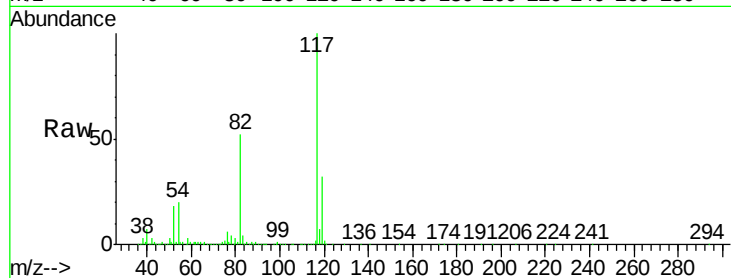




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007237.D
Acq: 25 Jan 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#03

Tot Ion:117 Resp: 804969
Ion Ratio Lower Upper
117 100
82 51.7 41.0 61.6
119 32.1 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: VX007237.D
Acq: 25 Jan 2019 18:55

Tgt Ion:152 Resp: 382616
Ion Ratio Lower Upper
152 100
115 54.3 39.1 117.2
150 156.6 0.0 344.8

