

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007236.D
 Acq On : 25 Jan 2019 18:28
 Operator : JC/SP
 Sample : PB116609ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609ZHE#02

Quant Time: Jan 28 01:00:22 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

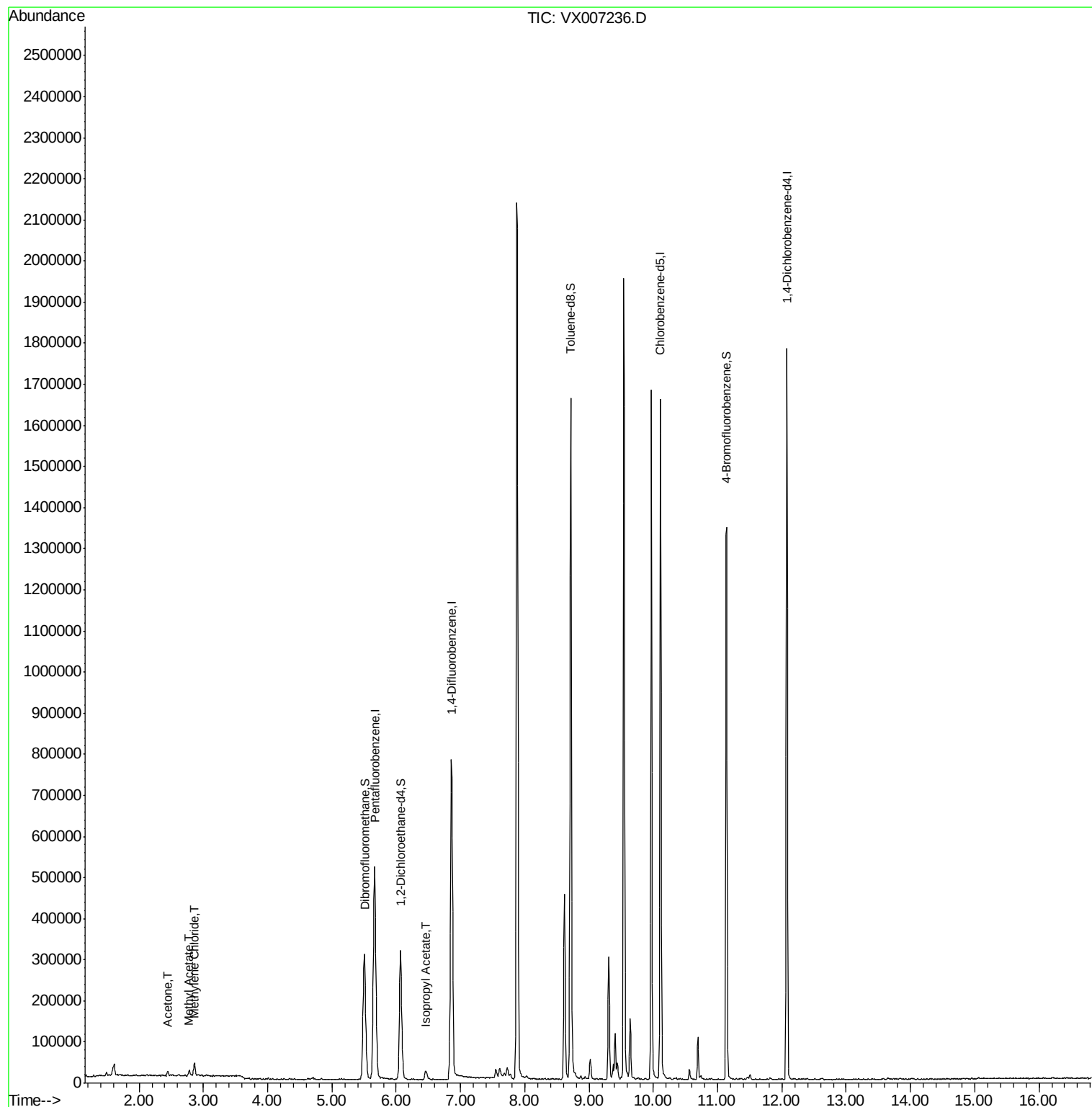
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	533981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	826242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	805365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	288886	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
35) Dibromofluoromethane	5.51	113	259481	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	1016795	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.13	95	357171	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
Target Compounds						
16) Acetone	2.45	43	13576	4.921	ug/l	89
18) Methyl Acetate	2.78	43	17263	2.161	ug/l	95
20) Methylene Chloride	2.86	84	13671	2.063	ug/l	98
43) Isopropyl Acetate	6.46	43	28554	2.351	ug/l #	93

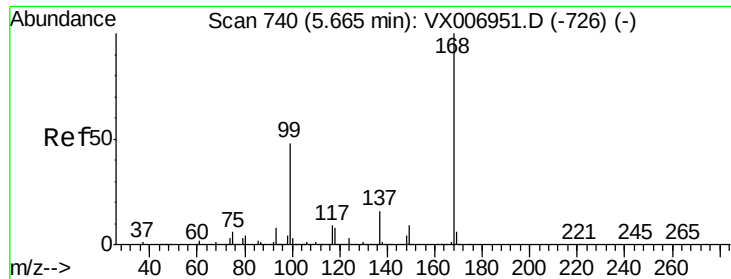
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007236.D

Acq: 25 Jan 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

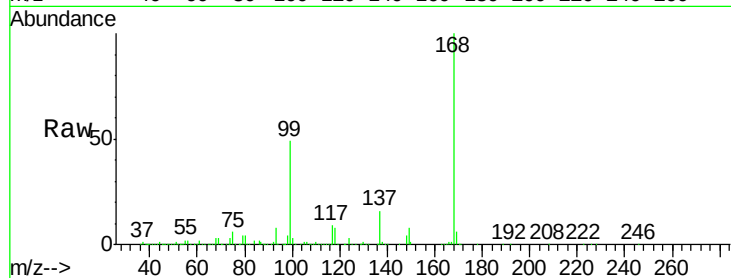
PB116609ZHE#02

Tot Ion:168 Resp: 533981

Ion Ratio Lower Upper

168 100

99 49.2 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

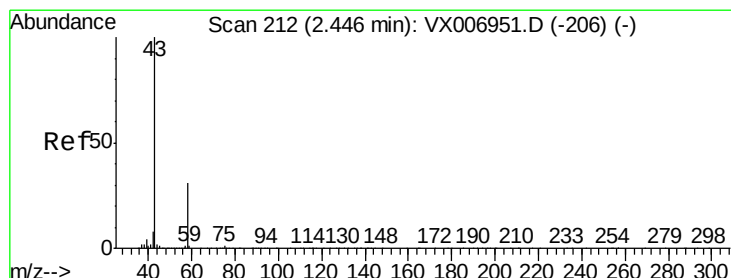
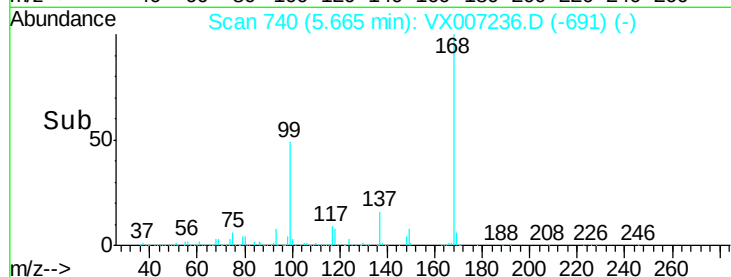
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.921 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007236.D

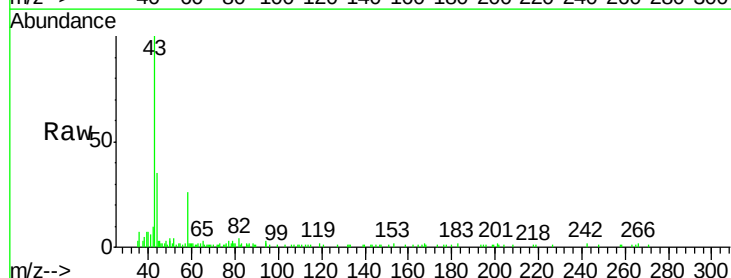
Acq: 25 Jan 2019 18:28

Tgt Ion: 43 Resp: 13576

Ion Ratio Lower Upper

43 100

58 25.3 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

8000

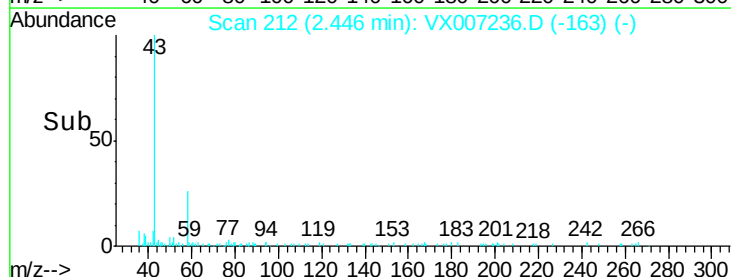
6000

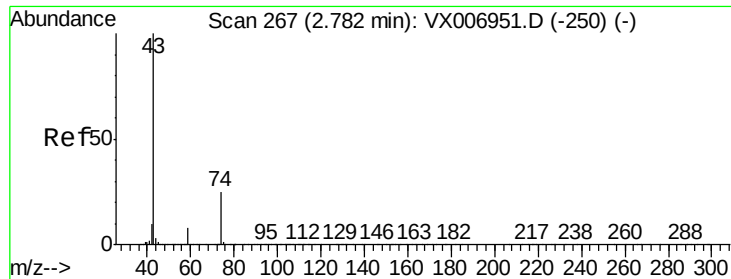
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#18

Methyl Acetate

Concen: 2.161 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007236.D

Acq: 25 Jan 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

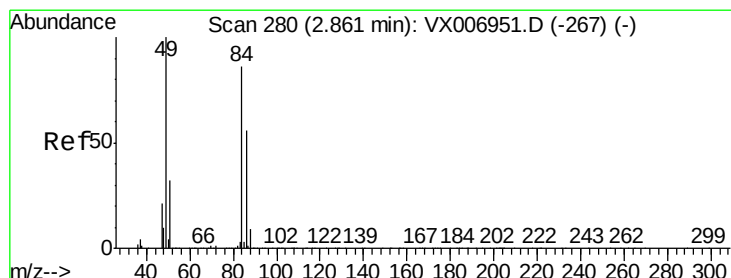
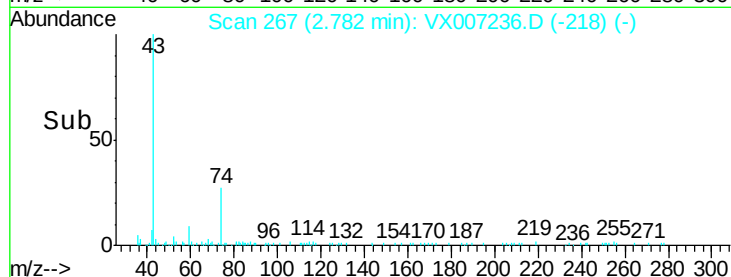
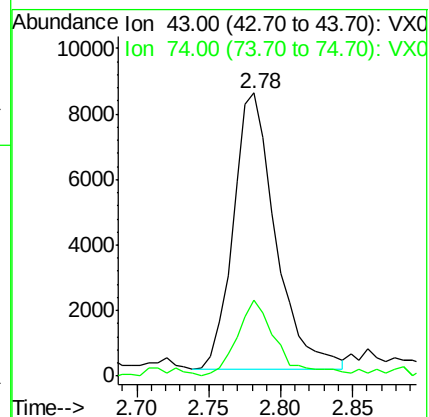
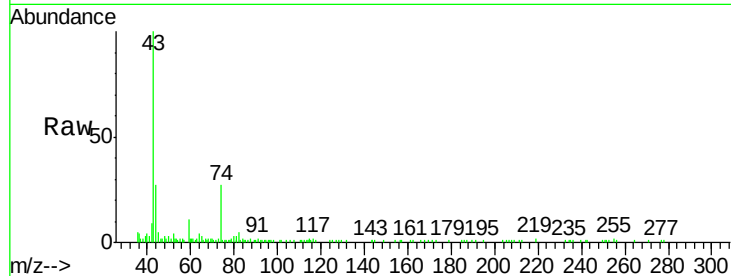
PB116609ZHE#02

Tot Ion: 43 Resp: 17263

Ion Ratio Lower Upper

43 100

74 25.9 18.6 28.0



#20

Methylene Chloride

Concen: 2.063 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007236.D

Acq: 25 Jan 2019 18:28

Tgt Ion: 84 Resp: 13671

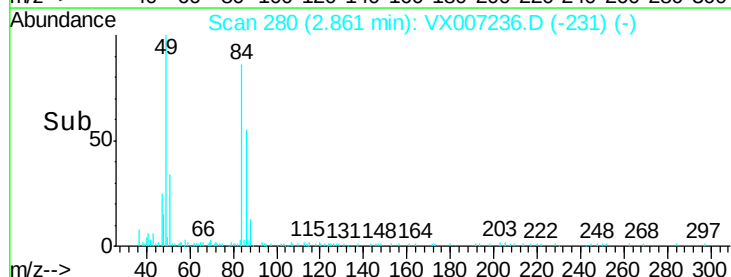
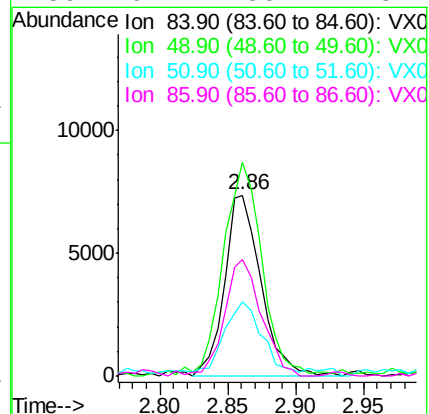
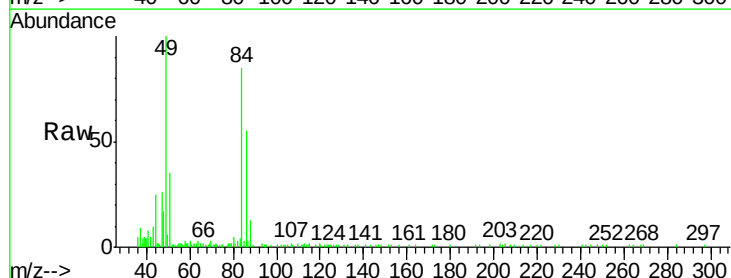
Ion Ratio Lower Upper

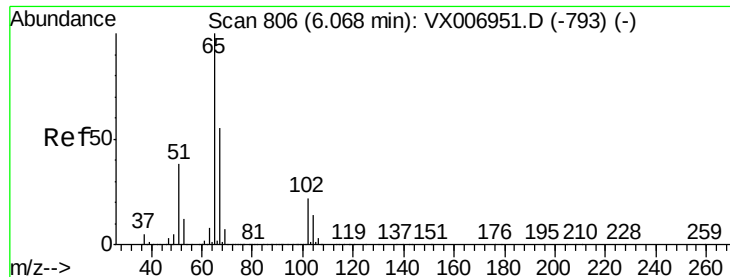
84 100

49 115.9 91.8 137.6

51 38.8 28.5 42.7

86 62.4 50.2 75.2

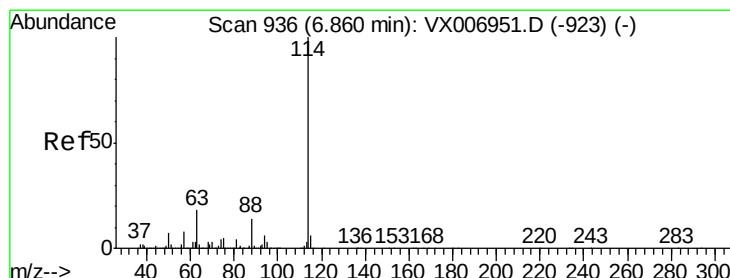
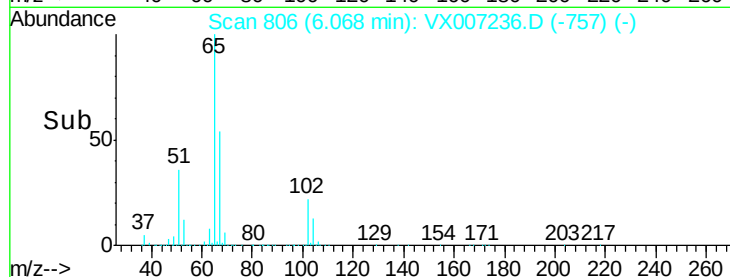
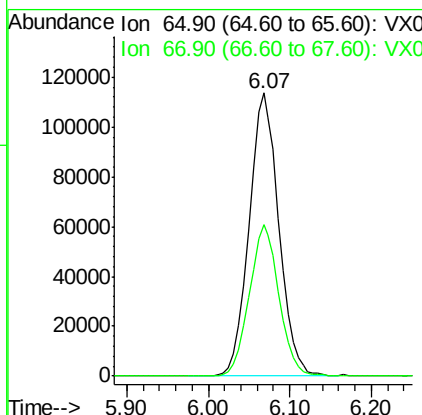
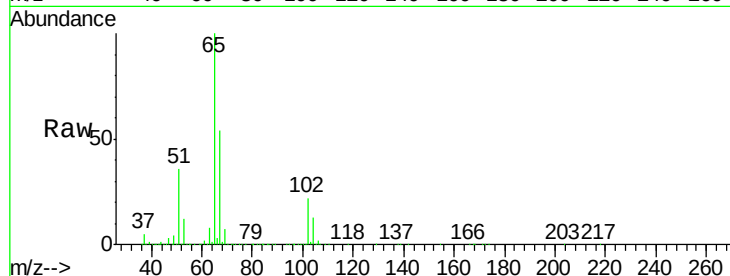




#33
 1,2-Dichloroethane-d4
 Concen: 51.767 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007236.D
 Acq: 25 Jan 2019 18:28

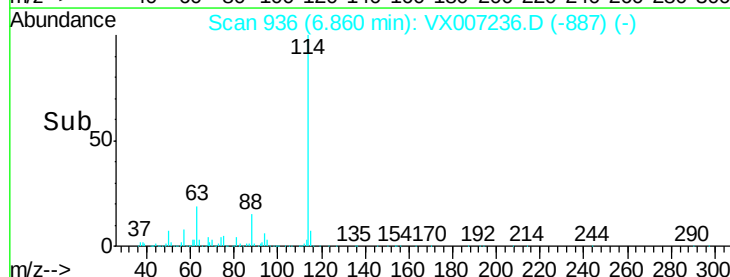
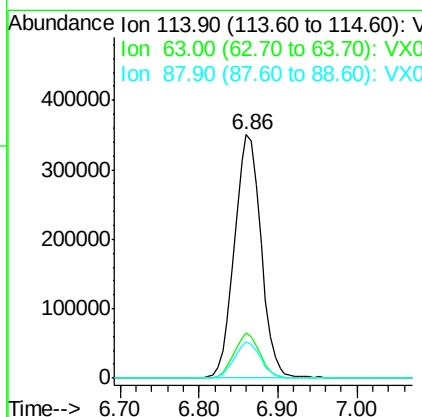
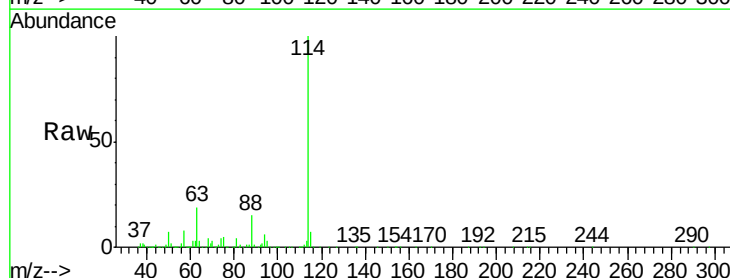
Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609ZHE#02

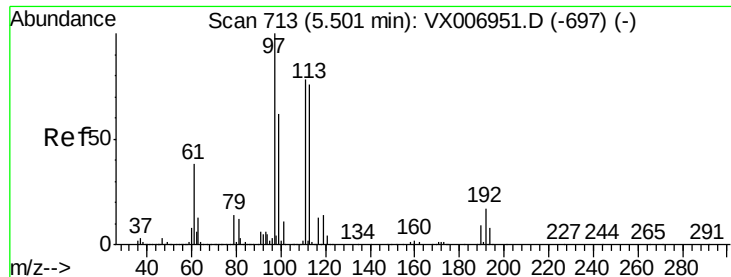
Tot Ion: 65 Resp: 288886
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007236.D
 Acq: 25 Jan 2019 18:28

Tgt Ion: 114 Resp: 826242
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 34.8
 88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.040 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007236.D

Acq: 25 Jan 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

PB116609ZHE#02

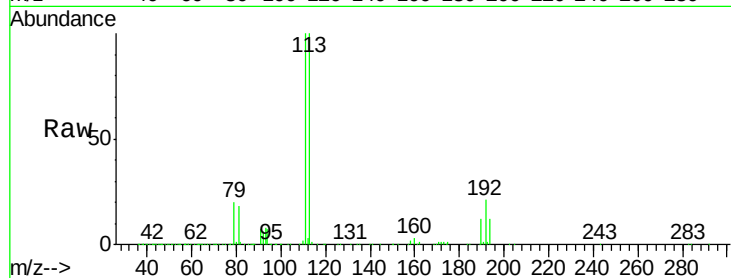
Tot Ion:113 Resp: 259481

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

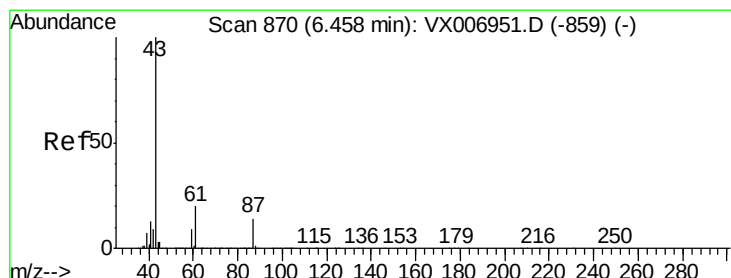
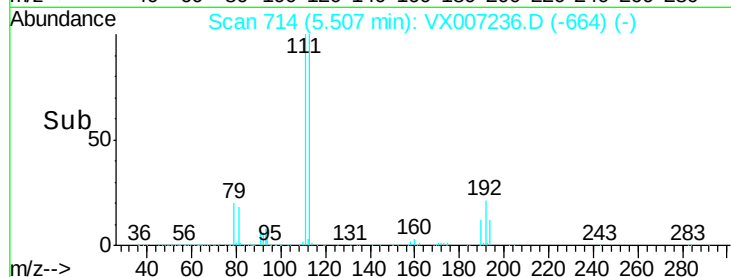
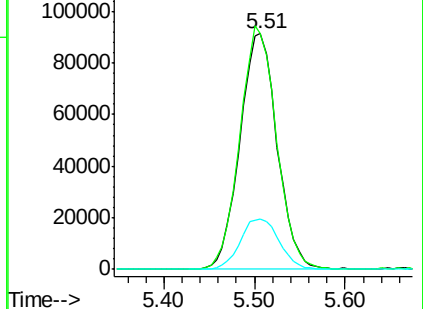
192 22.5 16.7 25.1



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: 2.351 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007236.D

Acq: 25 Jan 2019 18:28

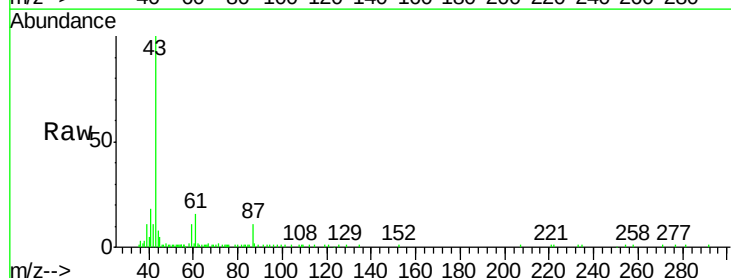
Tgt Ion: 43 Resp: 28554

Ion Ratio Lower Upper

43 100

61 19.1 16.8 25.2

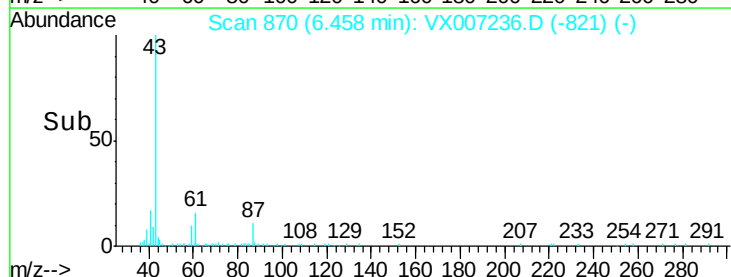
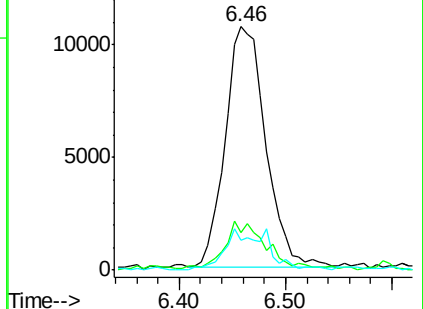
87 10.9 12.4 18.6#

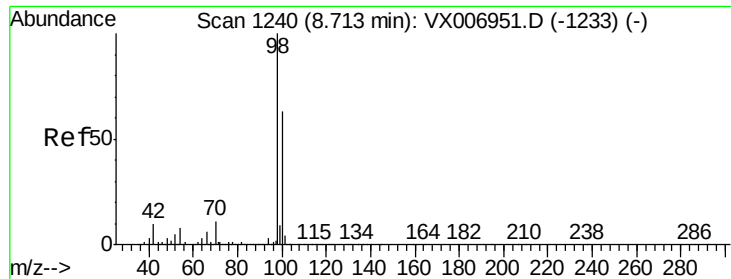


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.500 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007236.D

Acq: 25 Jan 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

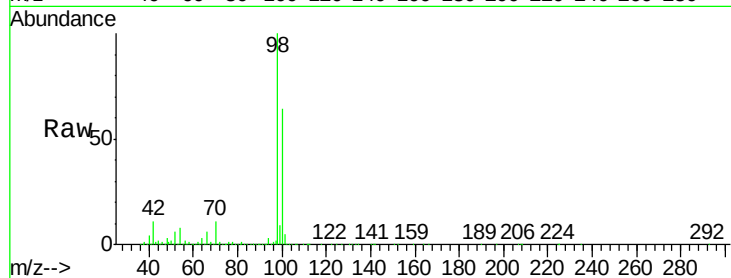
PB116609ZHE#02

Tot Ion: 98 Resp: 1016795

Ion Ratio Lower Upper

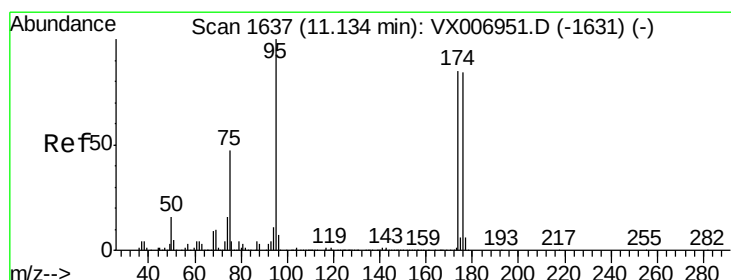
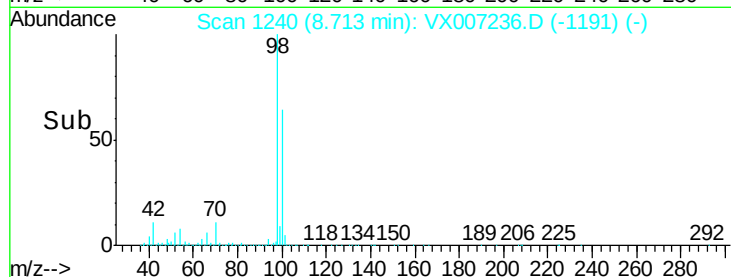
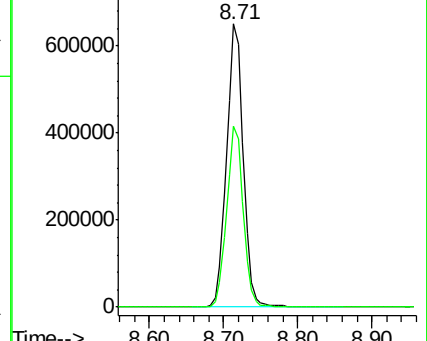
98 100

100 63.3 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: 52.899 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007236.D

Acq: 25 Jan 2019 18:28

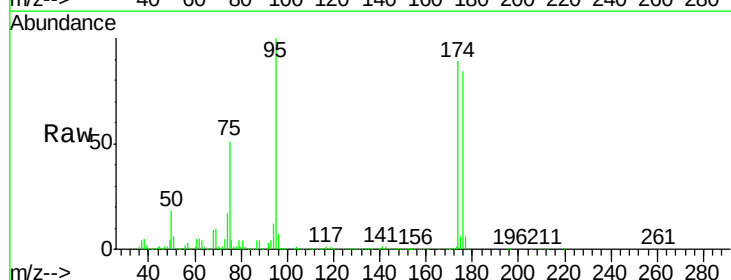
Tgt Ion: 95 Resp: 357171

Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.2

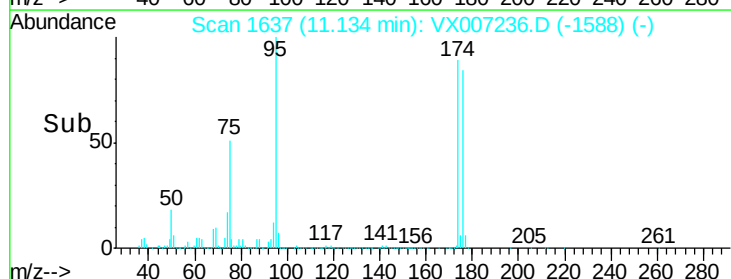
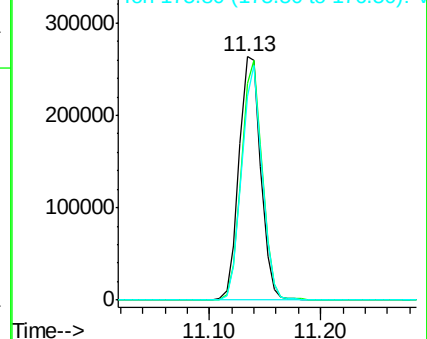
176 91.0 0.0 178.8

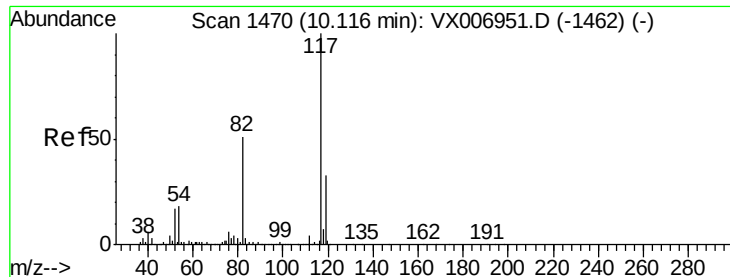


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

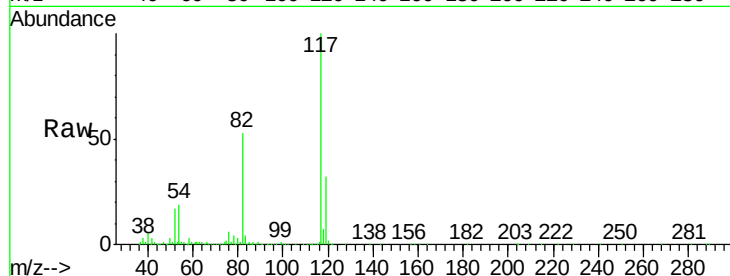




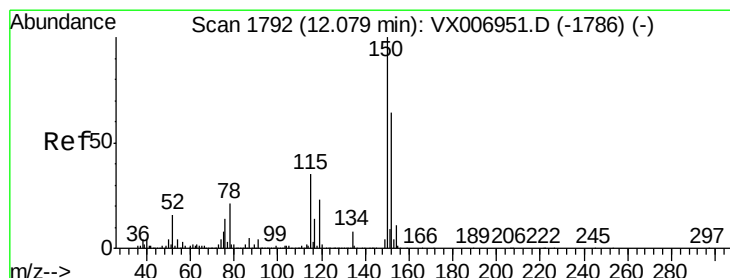
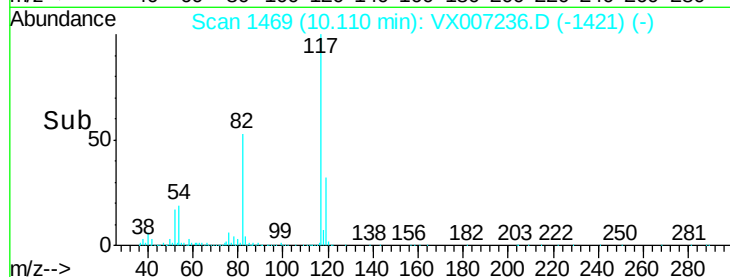
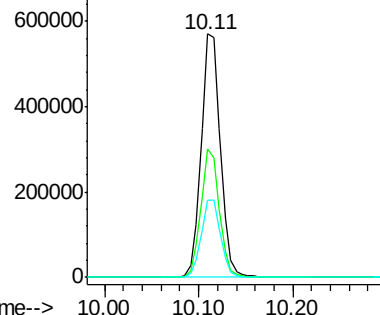
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007236.D
Acq: 25 Jan 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#02

Tot Ion:117 Resp: 805365
Ion Ratio Lower Upper
117 100
82 52.8 41.0 61.6
119 31.9 25.4 38.0

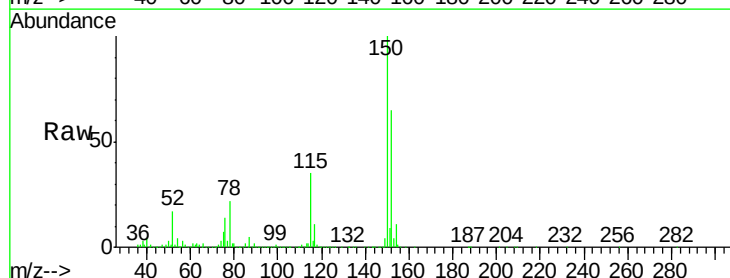


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007236.D
Acq: 25 Jan 2019 18:28

Tgt Ion:152 Resp: 386100
Ion Ratio Lower Upper
152 100
115 54.7 39.1 117.2
150 156.0 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

