

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007638.D
 Acq On : 21 Feb 2019 18:29
 Operator : JC/SP
 Sample : PB117250ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#12

Quant Time: Feb 22 06:14:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

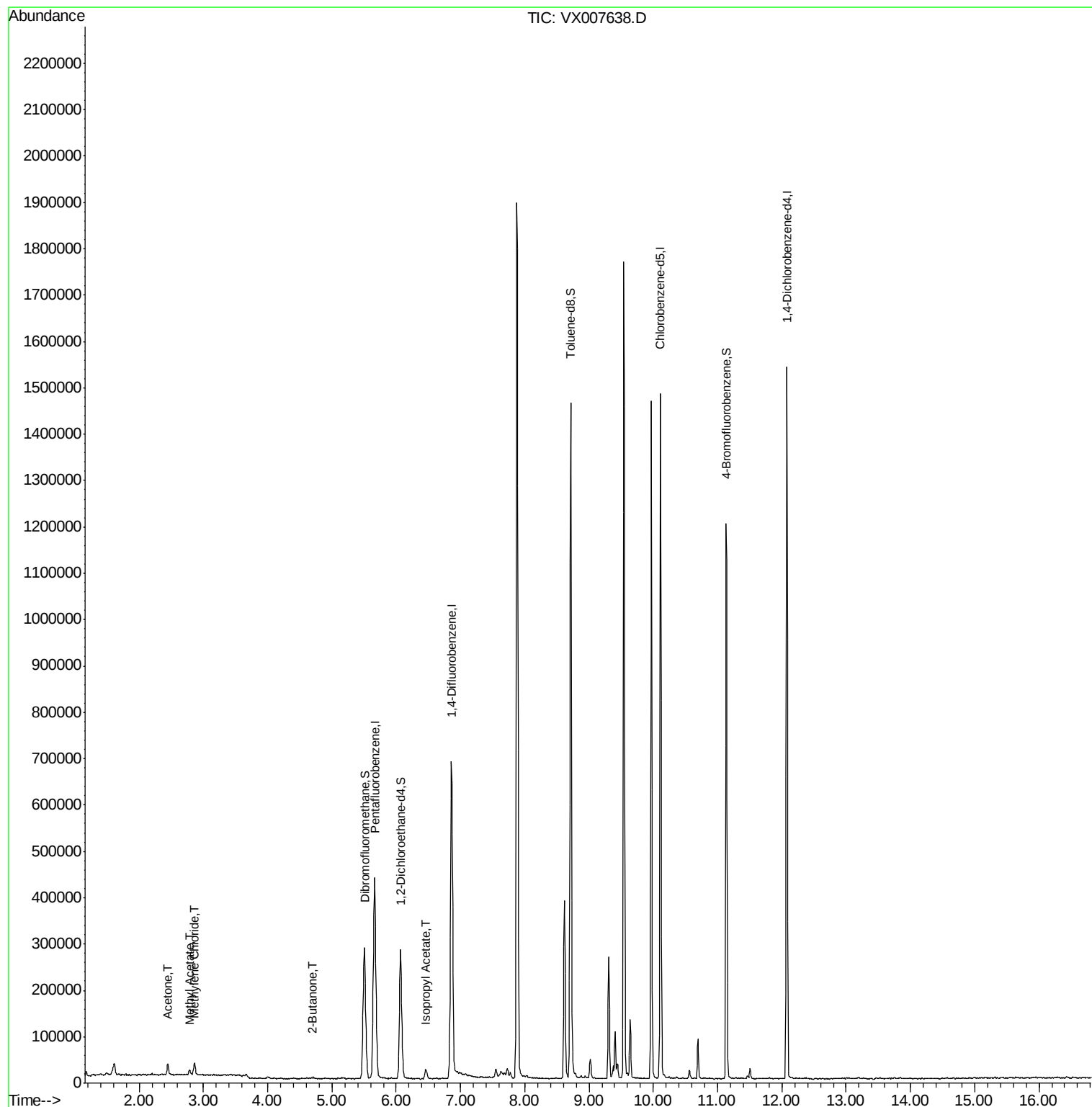
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	435843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	724494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	699669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	327374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	254708	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
35) Dibromofluoromethane	5.51	113	239453	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	8.71	98	889516	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.13	95	305768	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
Target Compounds						
16) Acetone	2.45	43	26729	12.613	ug/l	92
18) Methyl Acetate	2.79	43	15206	3.315	ug/l	95
20) Methylene Chloride	2.86	84	12769	2.577	ug/l	98
25) 2-Butanone	4.70	43	5366	1.779	ug/l #	83
43) Isopropyl Acetate	6.46	43	25344	2.499	ug/l	95

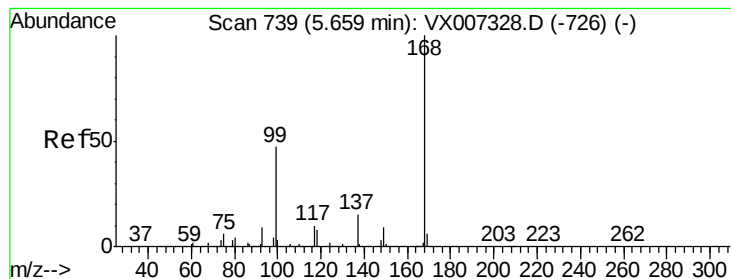
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007638.D

Acq: 21 Feb 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

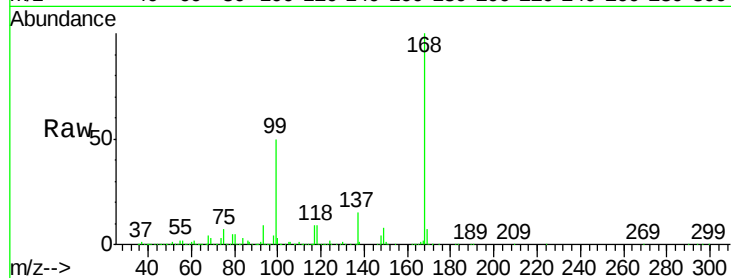
PB117250ZHE#12

Tot Ion:168 Resp: 435843

Ion Ratio Lower Upper

168 100

99 49.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

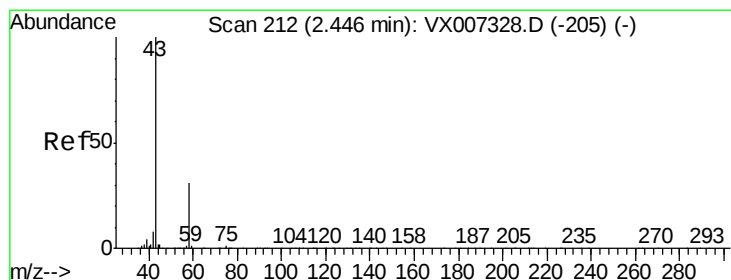
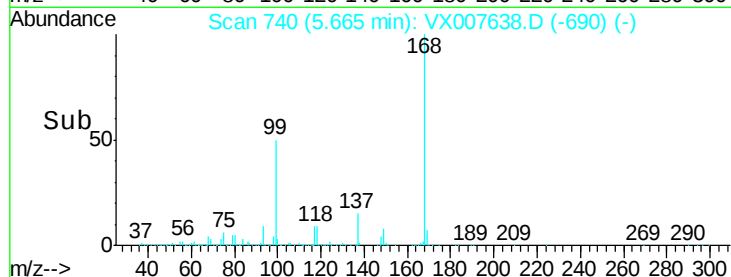
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.613 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007638.D

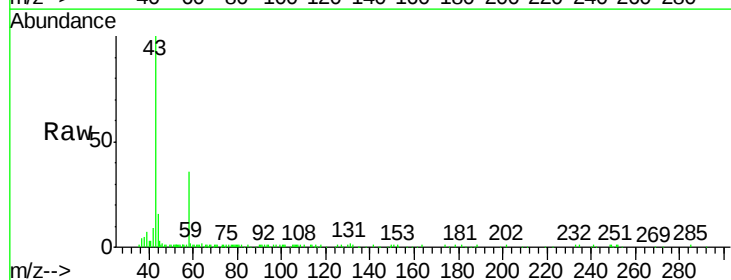
Acq: 21 Feb 2019 18:29

Tgt Ion: 43 Resp: 26729

Ion Ratio Lower Upper

43 100

58 35.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

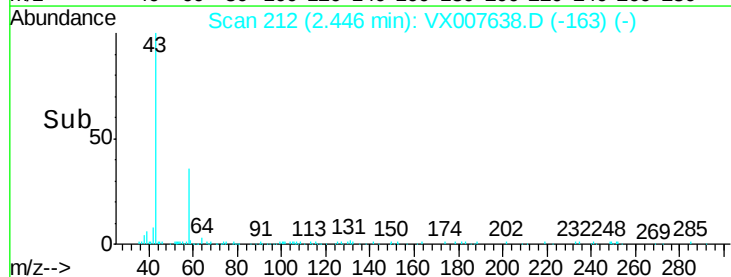
15000

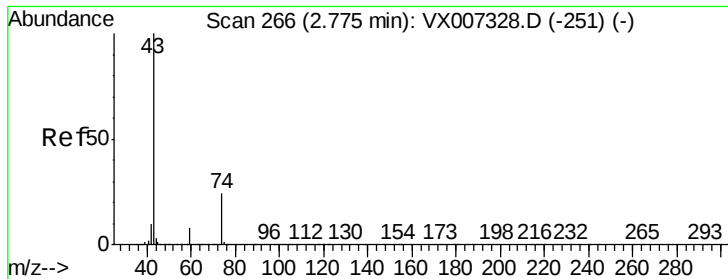
10000

5000

0

Time-->

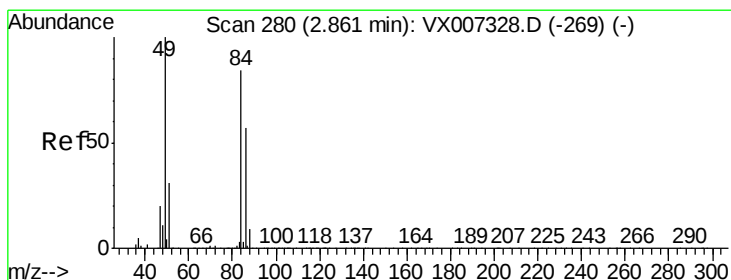
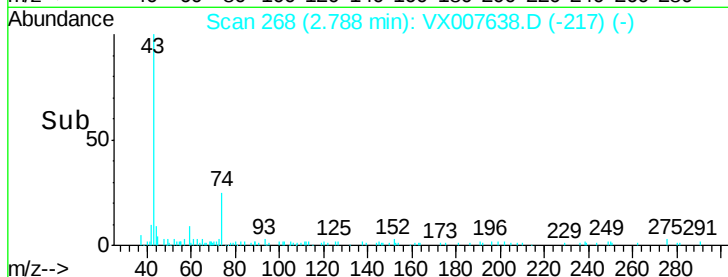
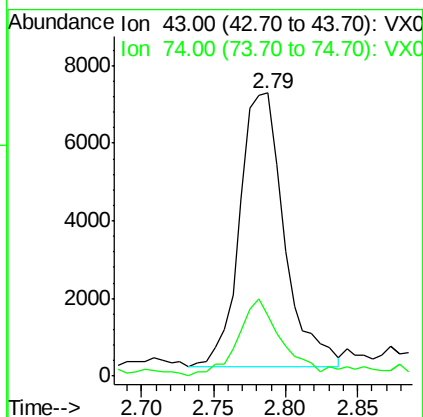
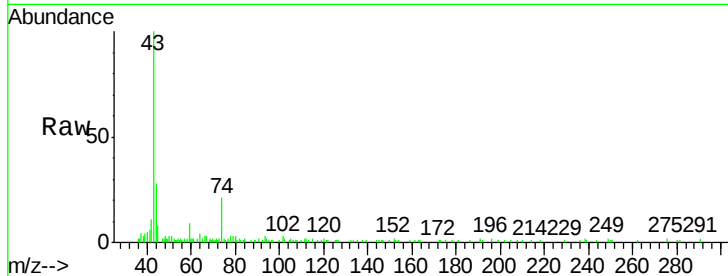




#18
Methyl Acetate
Concen: 3.315 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007638.D
Acq: 21 Feb 2019 18:29

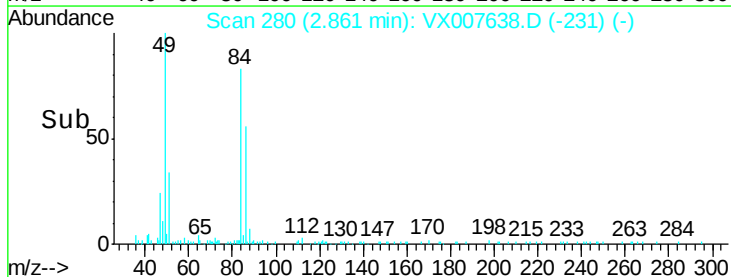
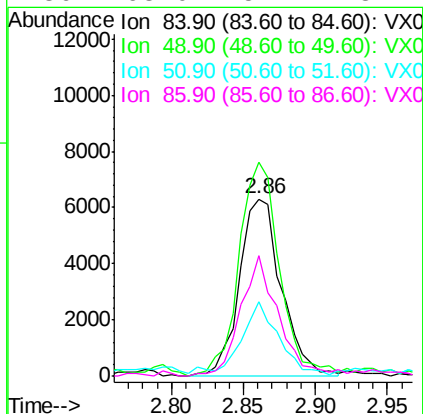
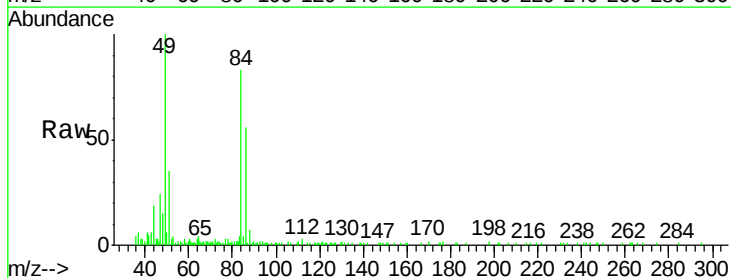
Instrument :
MSVOA_X
ClientSampleId :
PB117250ZHE#12

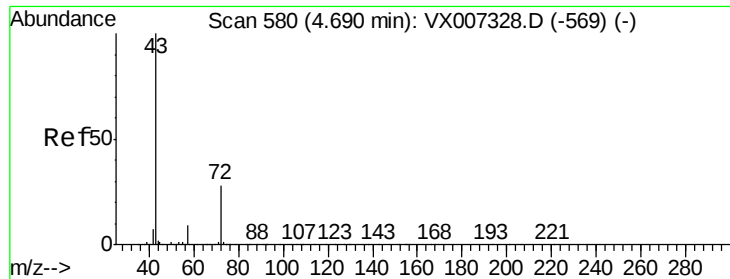
Tot Ion: 43 Resp: 15206
Ion Ratio Lower Upper
43 100
74 27.0 19.4 29.2



#20
Methylene Chloride
Concen: 2.577 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007638.D
Acq: 21 Feb 2019 18:29

Tgt Ion: 84 Resp: 12769
Ion Ratio Lower Upper
84 100
49 120.6 94.8 142.2
51 40.6 29.8 44.8
86 68.0 54.1 81.1





#25

2-Butanone

Concen: 1.779 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007638.D

Acq: 21 Feb 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

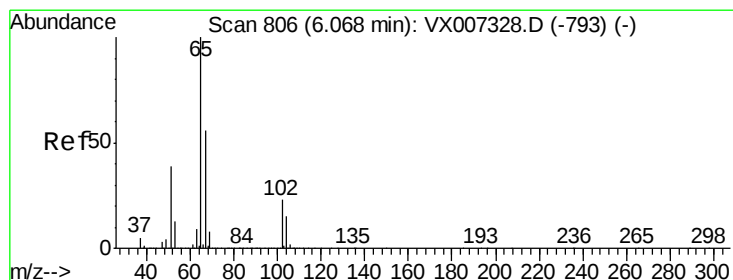
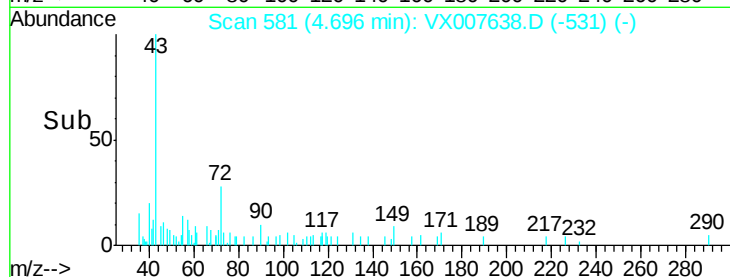
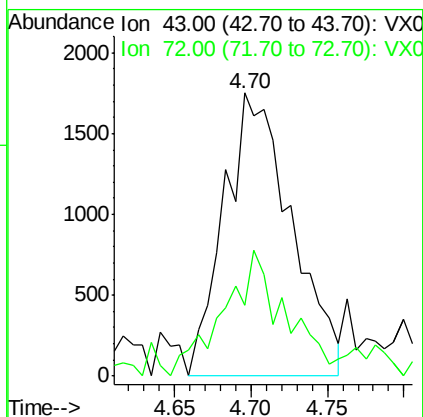
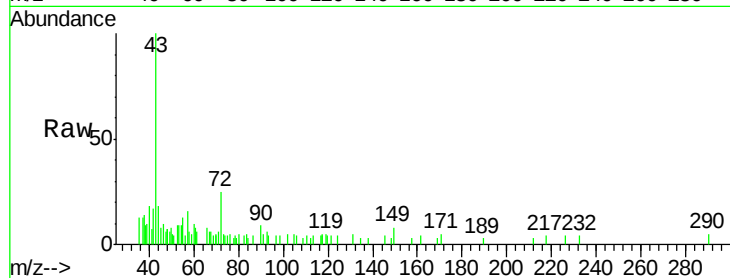
PB117250ZHE#12

Tot Ion: 43 Resp: 5366

Ion Ratio Lower Upper

43 100

72 18.6 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 55.059 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007638.D

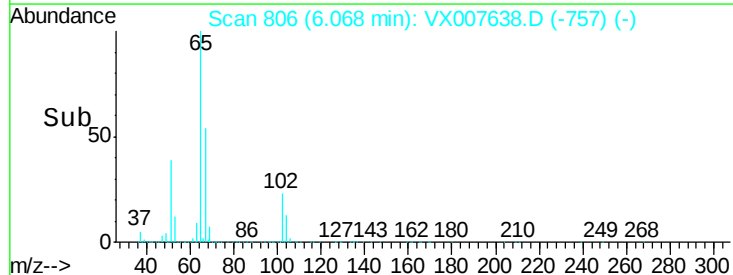
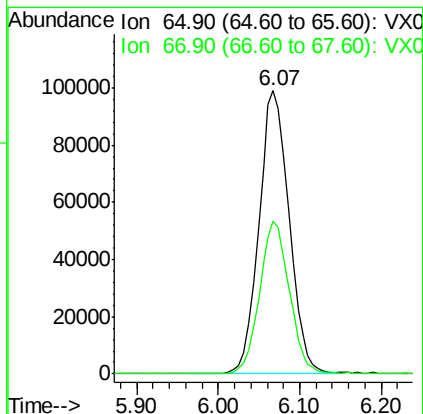
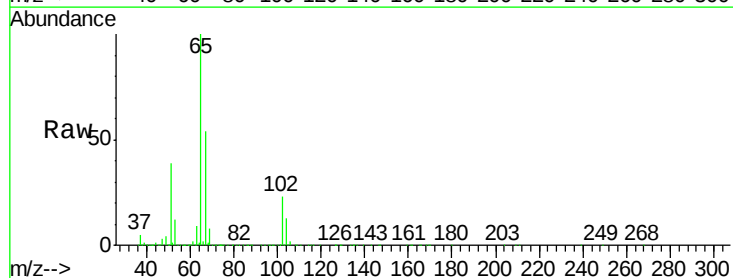
Acq: 21 Feb 2019 18:29

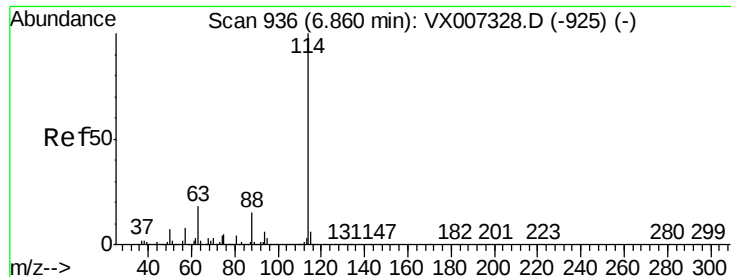
Tgt Ion: 65 Resp: 254708

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007638.D

Acq: 21 Feb 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#12

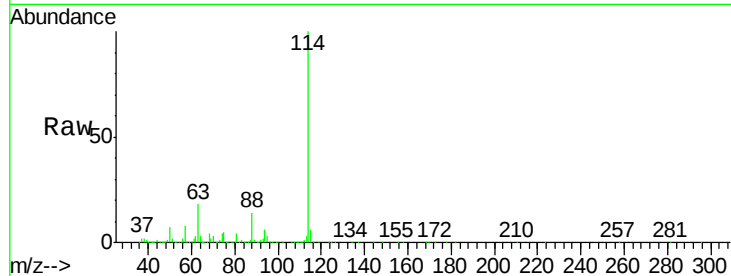
Tot Ion:114 Resp: 724494

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

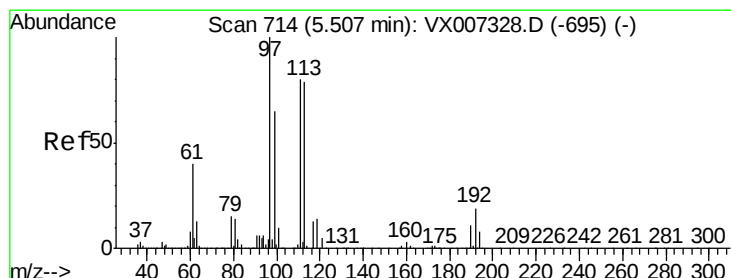
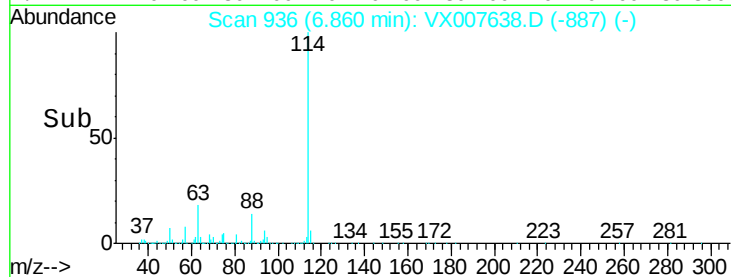
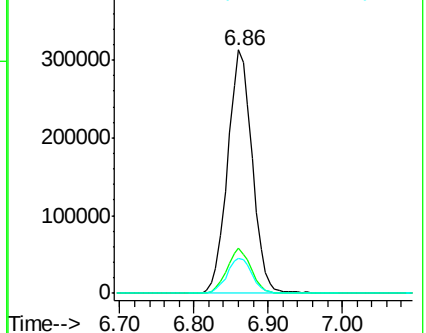
88 14.2 0.0 29.6



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: 50.796 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007638.D

Acq: 21 Feb 2019 18:29

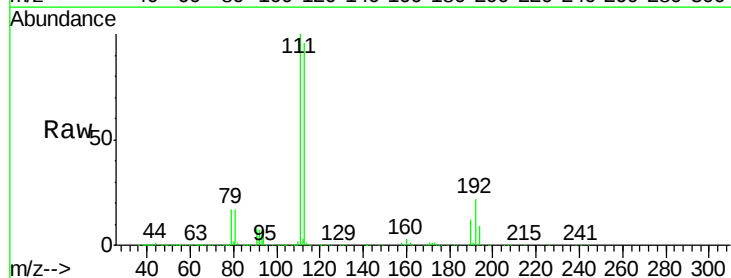
Tgt Ion:113 Resp: 239453

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.8

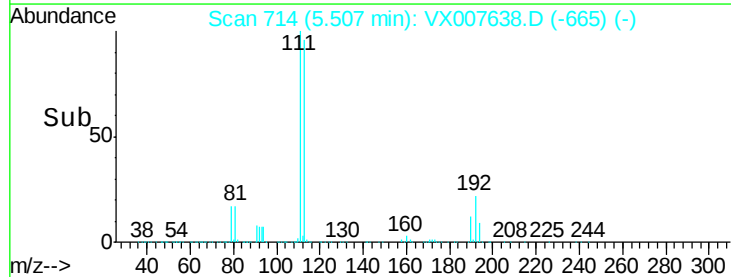
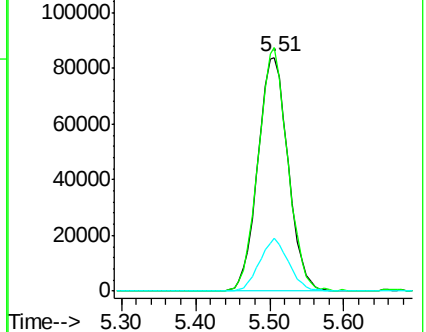
192 21.8 18.5 27.7

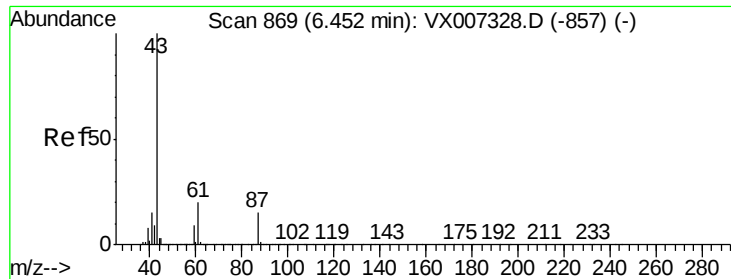


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.499 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007638.D

Acq: 21 Feb 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#12

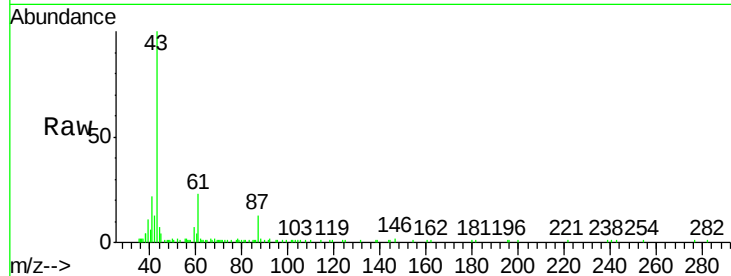
Tot Ion: 43 Resp: 25344

Ion Ratio Lower Upper

43 100

61 22.1 16.1 24.1

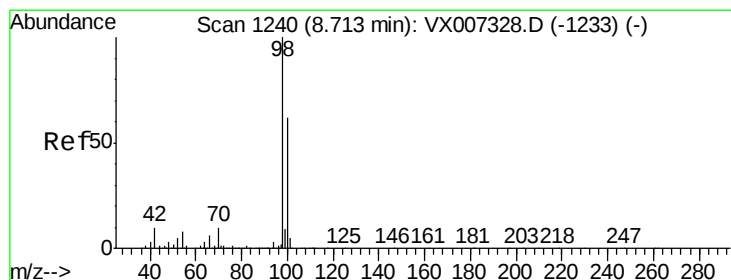
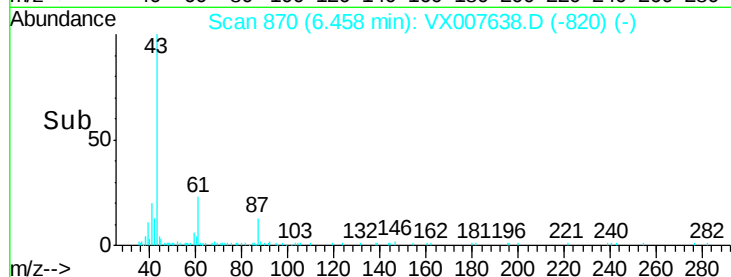
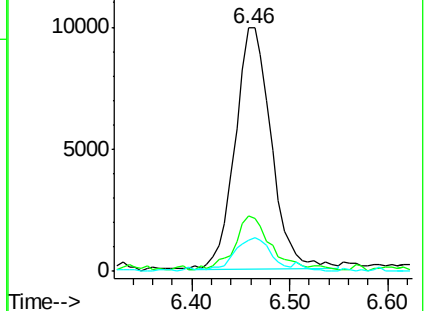
87 12.2 11.5 17.3



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: 50.859 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007638.D

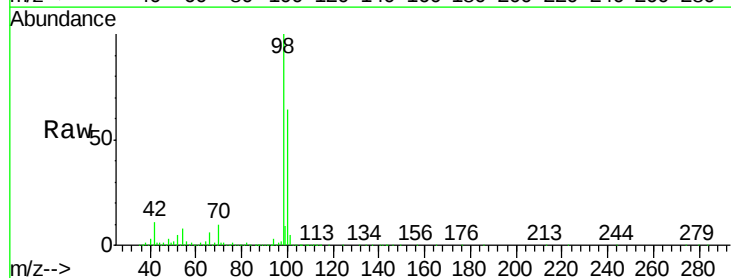
Acq: 21 Feb 2019 18:29

Tgt Ion: 98 Resp: 889516

Ion Ratio Lower Upper

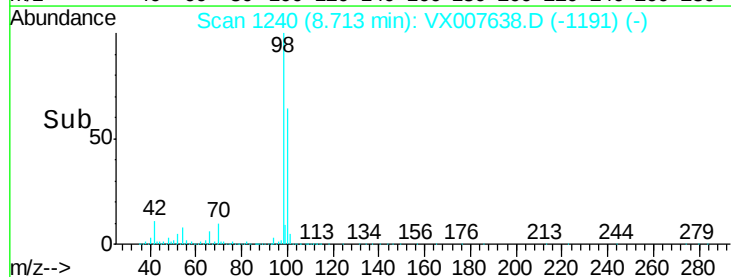
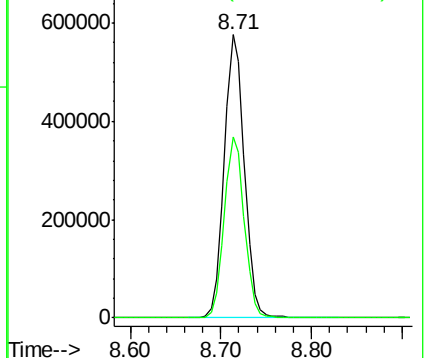
98 100

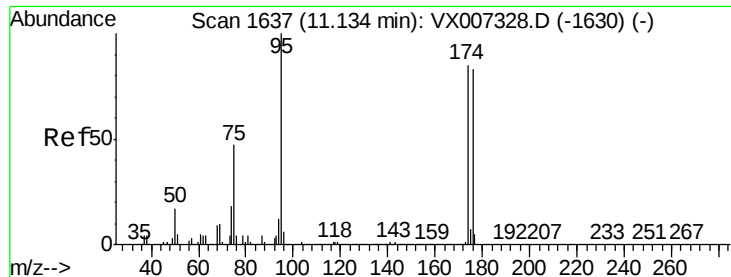
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.884 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007638.D

Acq: 21 Feb 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#12

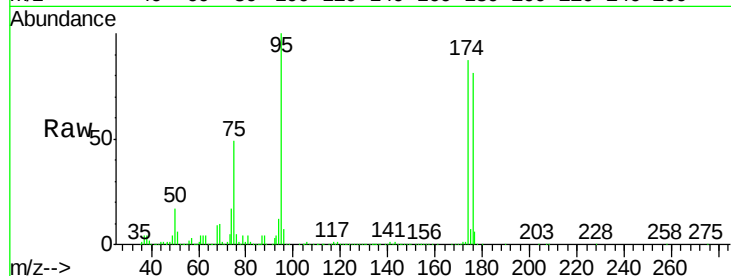
Tot Ion: 95 Resp: 305768

Ion Ratio Lower Upper

95 100

174 92.0 0.0 189.2

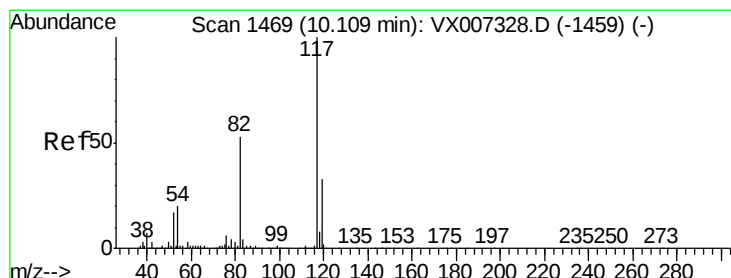
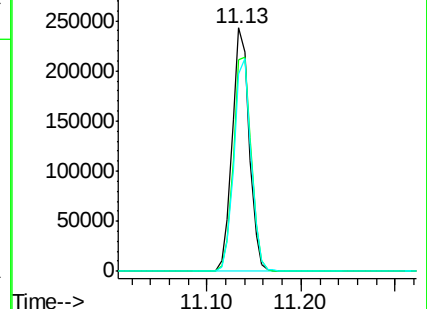
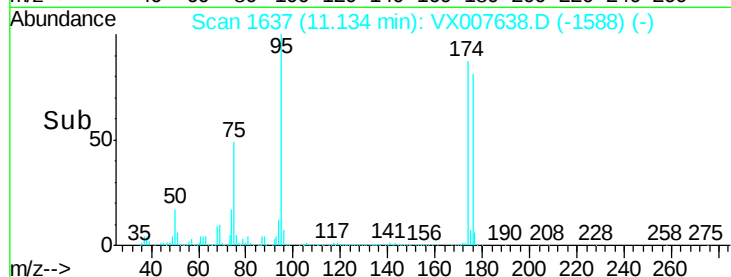
176 88.0 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007638.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007638.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007638.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007638.D

Acq: 21 Feb 2019 18:29

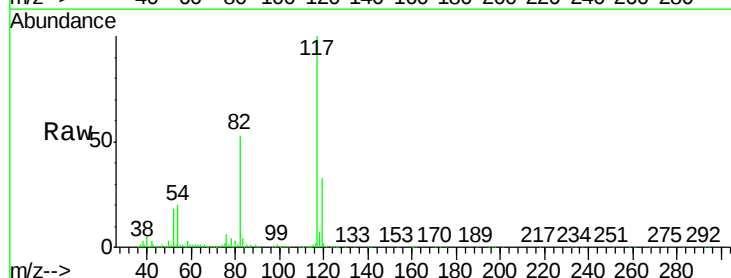
Tgt Ion: 117 Resp: 699669

Ion Ratio Lower Upper

117 100

82 53.2 42.1 63.1

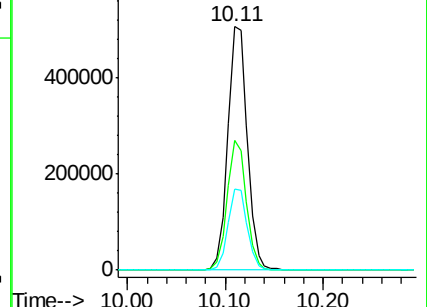
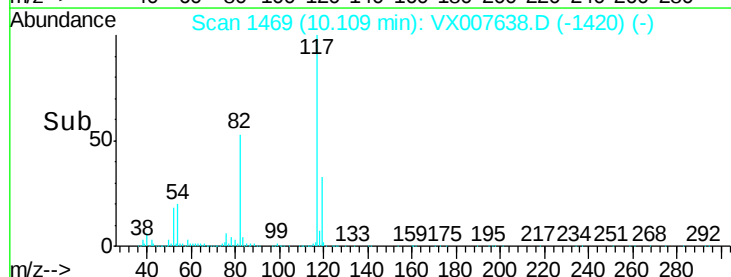
119 33.0 26.5 39.7

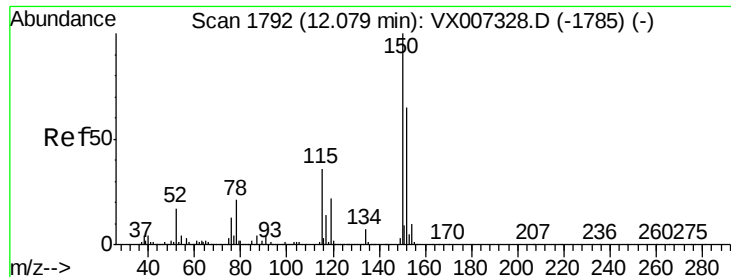


Abundance Ion 116.90 (116.60 to 117.60): VX007638.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007638.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007638.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007638.D

Acq: 21 Feb 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#12

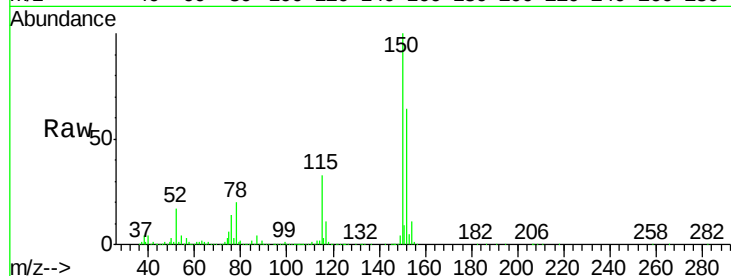
Tot Ion:152 Resp: 327374

Ion Ratio Lower Upper

152 100

115 55.5 38.0 114.0

150 155.2 0.0 346.4



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

