

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002560.D
 Acq On : 14 Jun 2018 18:59
 Operator : JC/MD
 Sample : PB110227ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110227ZHE#04

Quant Time: Jun 15 02:29:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

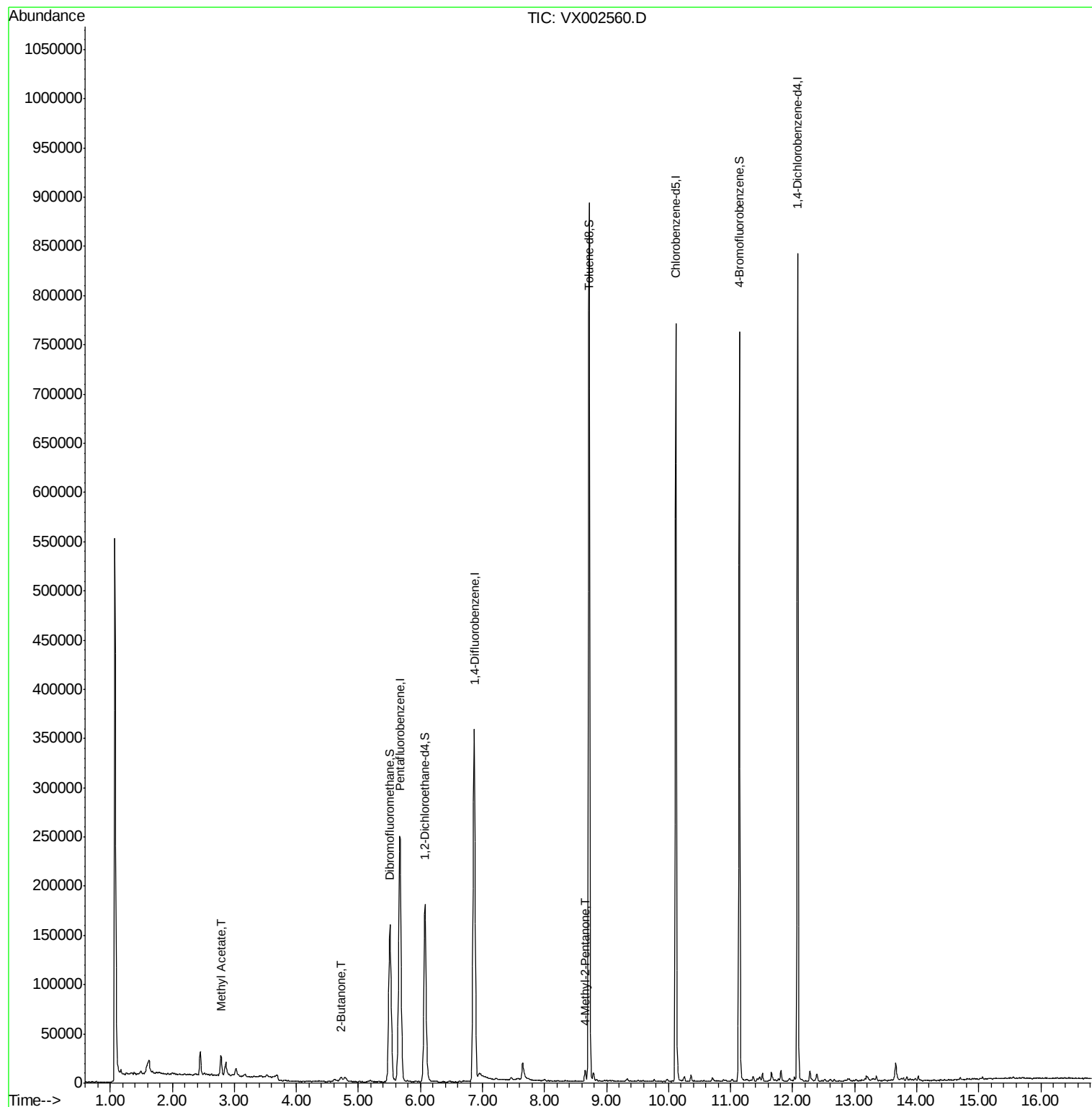
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169651	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
35) Dibromofluoromethane	5.51	113	129379	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
50) Toluene-d8	8.72	98	515268	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.14	95	177198	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	
Target Compounds						
18) Methyl Acetate	2.78	43	23855	4.212	ug/l	98
25) 2-Butanone	4.71	43	8292	3.395	ug/l #	88
51) 4-Methyl-2-Pentanone	8.65	43	6271	1.311	ug/l	96

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX002560.D

Acq: 14 Jun 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

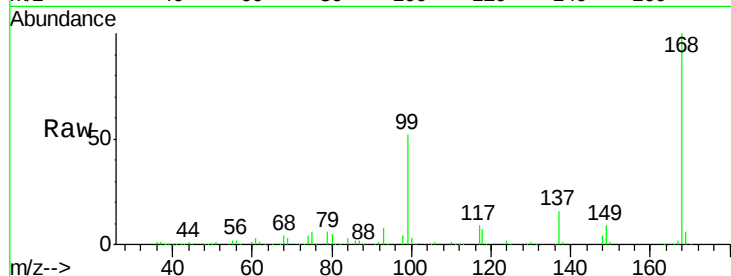
PB110227ZHE#04

Tot Ion:168 Resp: 249136

Ion Ratio Lower Upper

168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

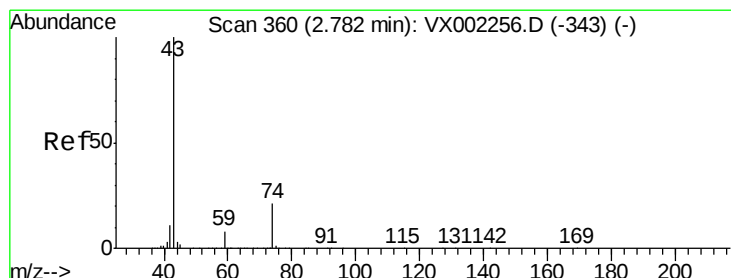
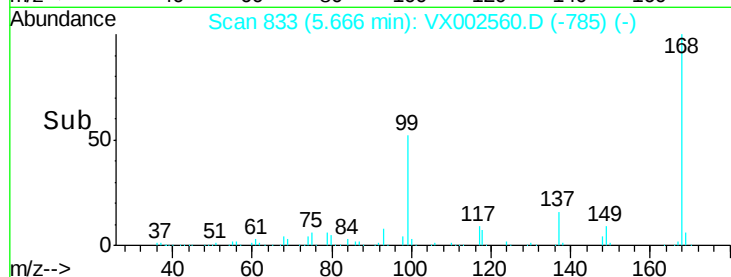
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 4.212 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002560.D

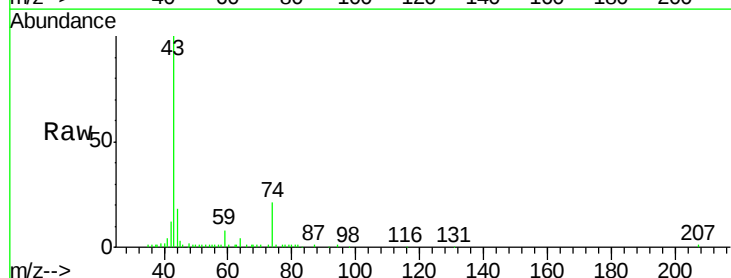
Acq: 14 Jun 2018 18:59

Tgt Ion: 43 Resp: 23855

Ion Ratio Lower Upper

43 100

74 22.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

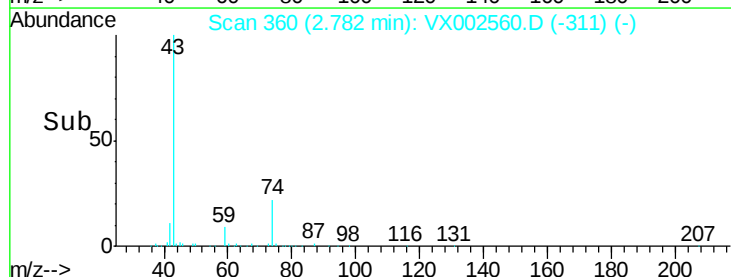
15000

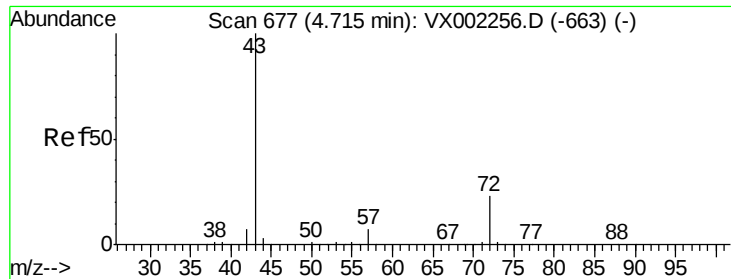
10000

5000

0

Time--> 2.70 2.75 2.80 2.85 2.90





#25

2-Butanone

Concen: 3.395 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002560.D

Acq: 14 Jun 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

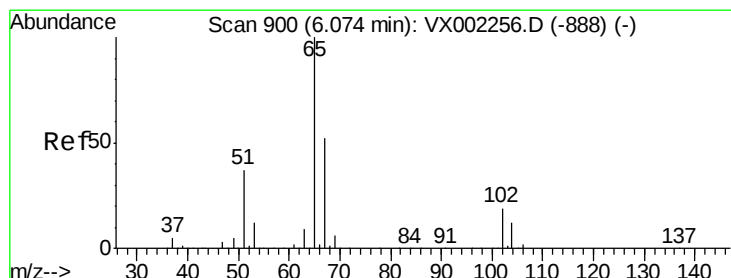
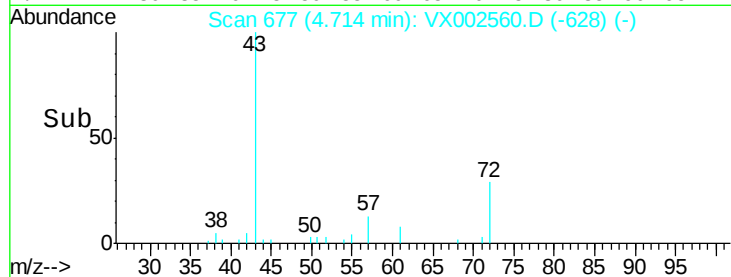
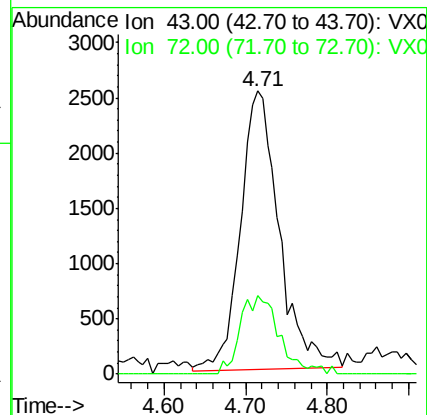
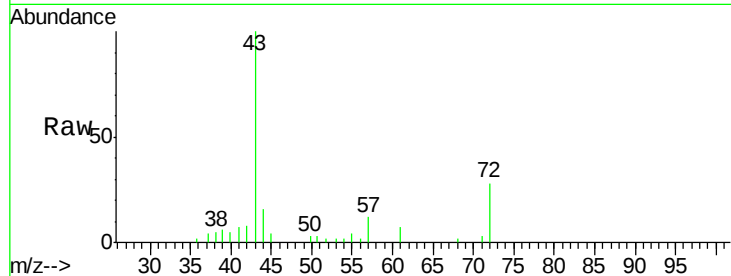
PB110227ZHE#04

Tot Ion: 43 Resp: 8292

Ion Ratio Lower Upper

43 100

72 28.7 18.5 27.7#



#33

1,2-Dichloroethane-d4

Concen: 47.443 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002560.D

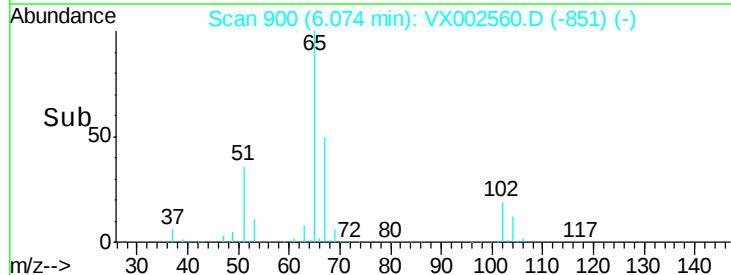
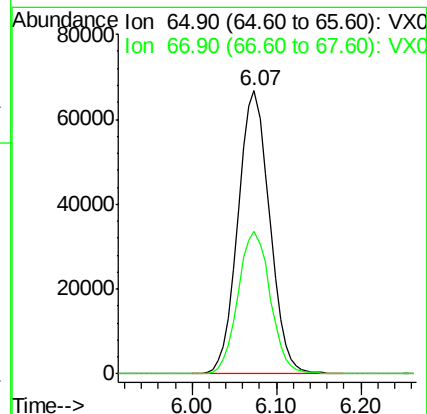
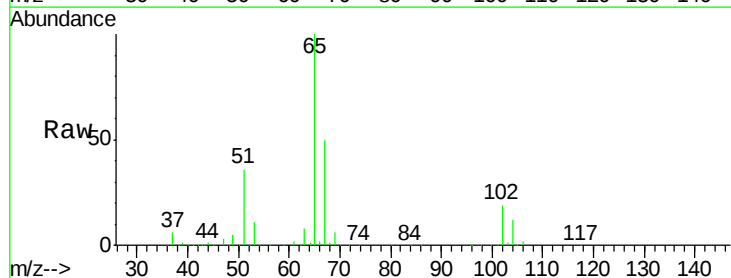
Acq: 14 Jun 2018 18:59

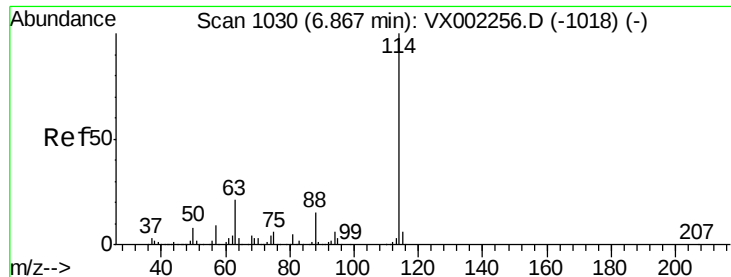
Tgt Ion: 65 Resp: 169651

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002560.D

Acq: 14 Jun 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

PB110227ZHE#04

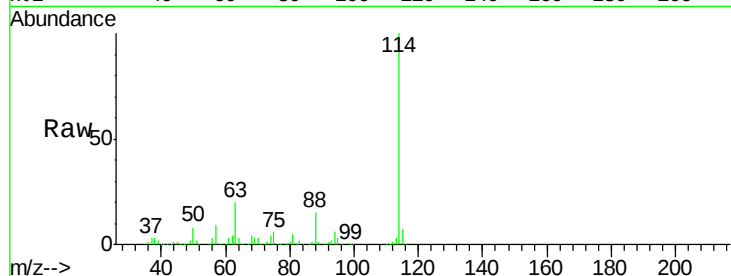
Tot Ion:114 Resp: 357715

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

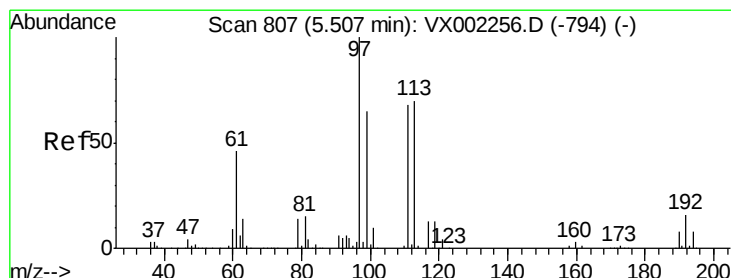
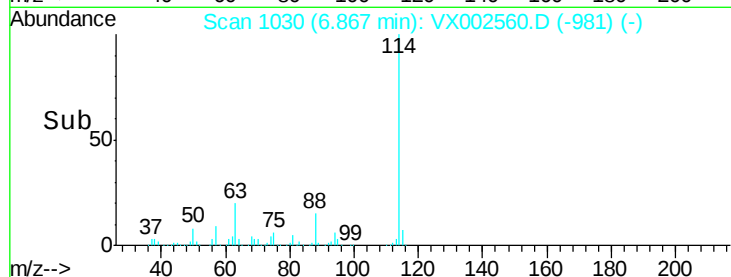
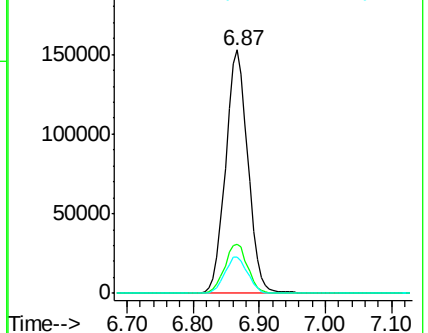
88 14.8 0.0 30.0



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: 45.992 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002560.D

Acq: 14 Jun 2018 18:59

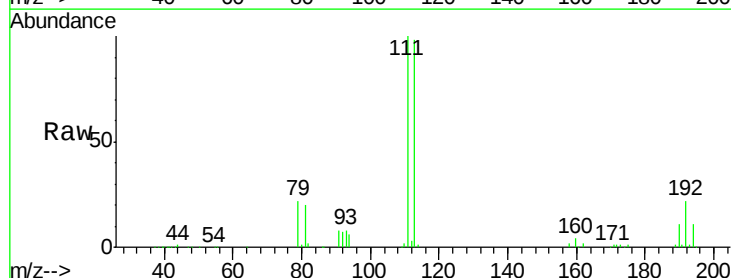
Tgt Ion:113 Resp: 129379

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

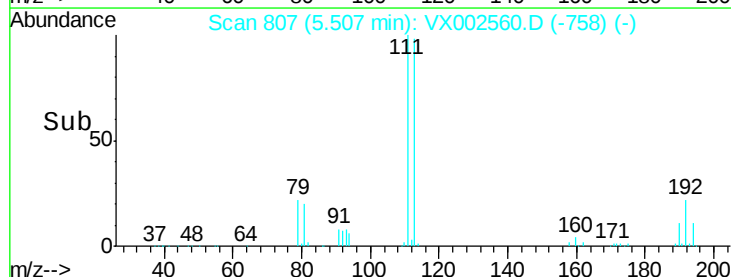
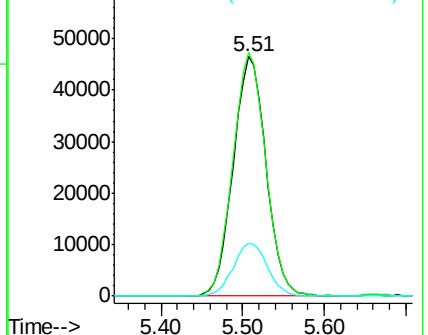
192 23.1 19.1 28.7

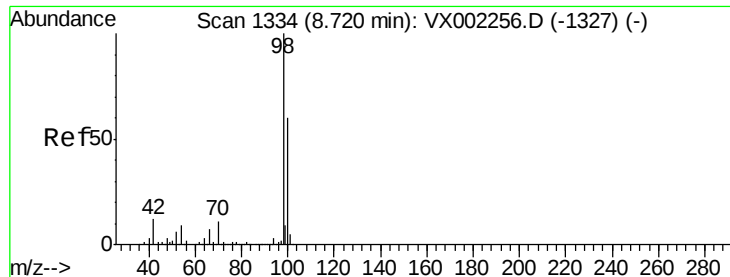


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

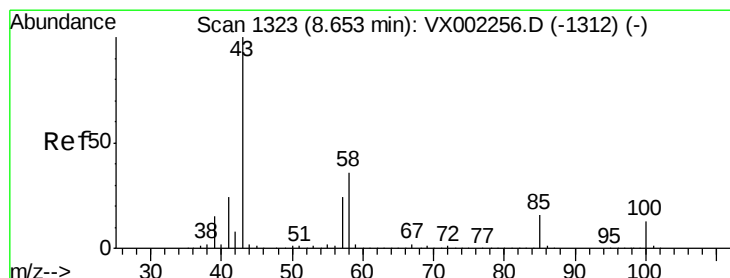
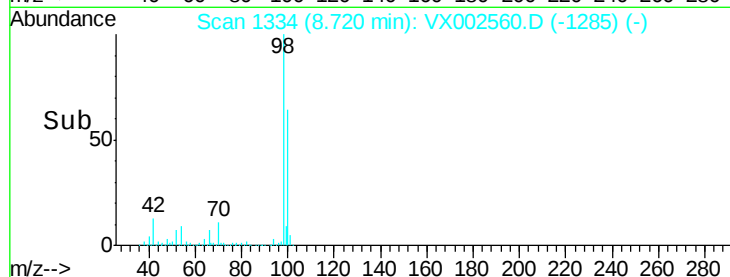
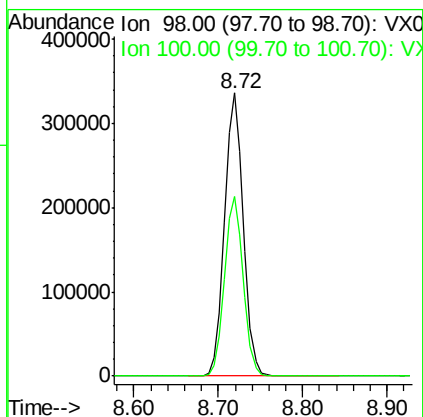
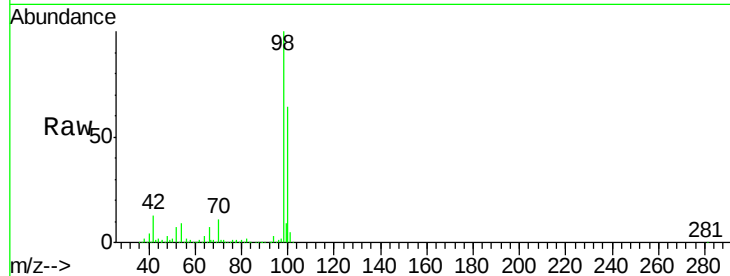




#50
Toluene-d8
Concen: 47.788 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

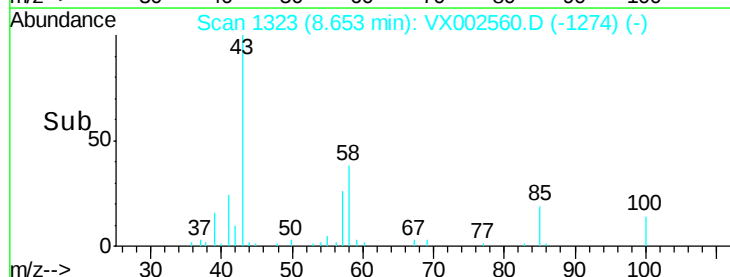
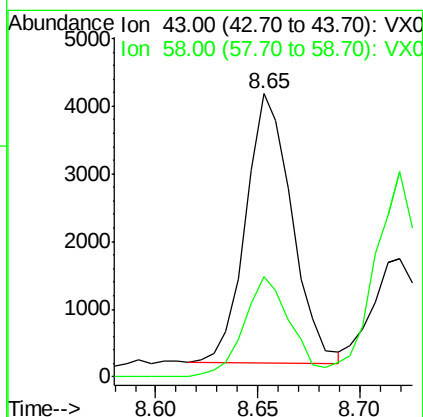
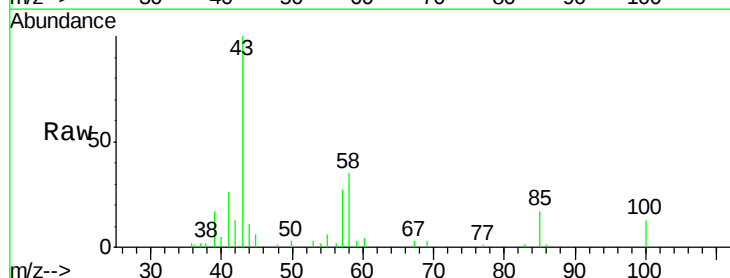
Instrument :
MSVOA_X
ClientSampleId :
PB110227ZHE#04

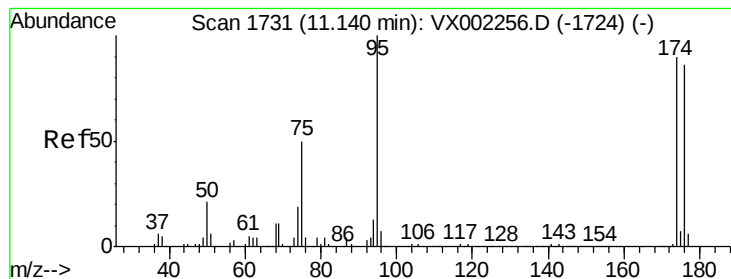
Tot Ion: 98 Resp: 515268
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.311 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 43 Resp: 6271
Ion Ratio Lower Upper
43 100
58 37.8 28.6 42.8





#62

4-Bromofluorobenzene

Concen: 42.618 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002560.D

Acq: 14 Jun 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

PB110227ZHE#04

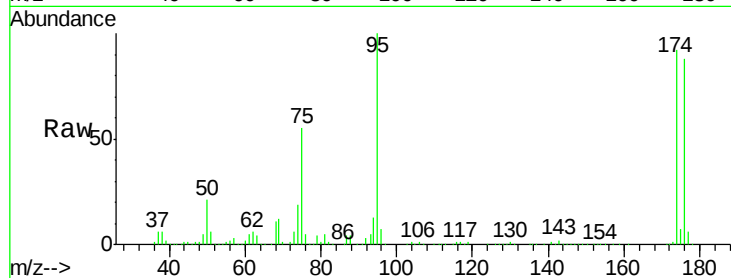
Tot Ion: 95 Resp: 177198

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.4

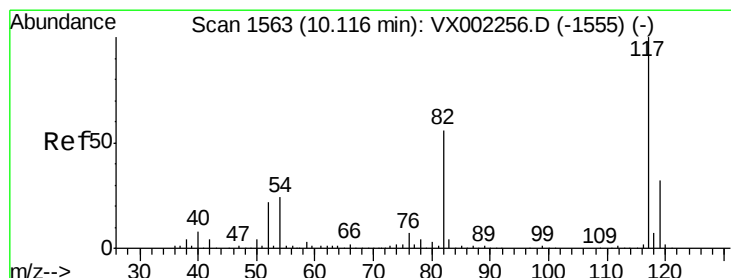
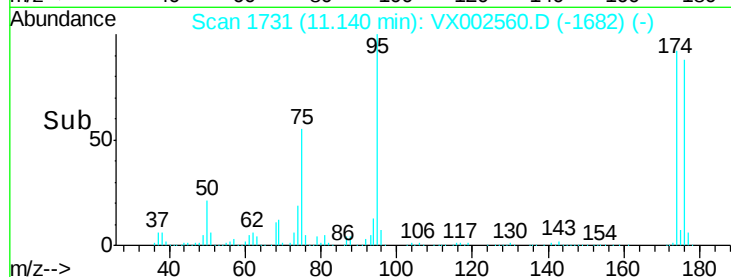
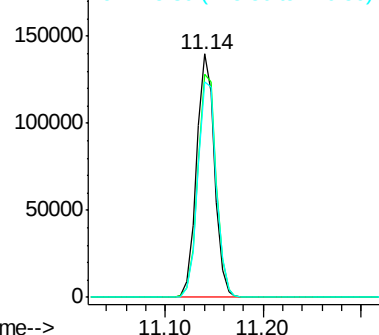
176 91.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002560.D

Acq: 14 Jun 2018 18:59

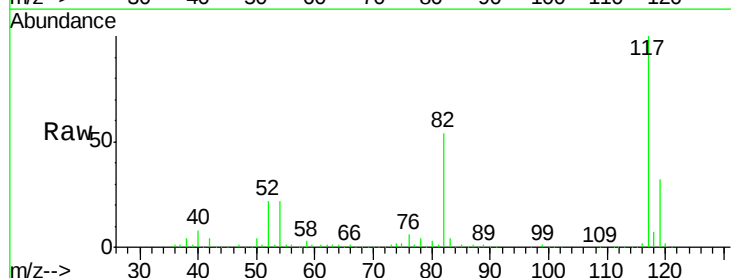
Tgt Ion: 117 Resp: 328212

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

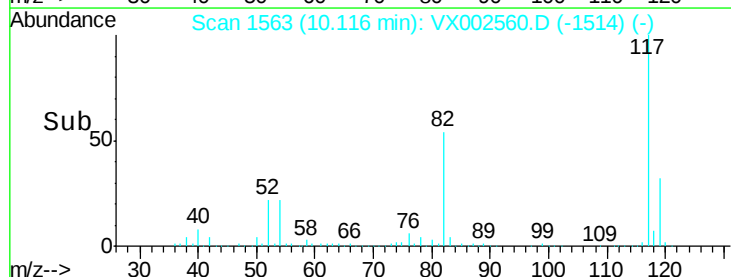
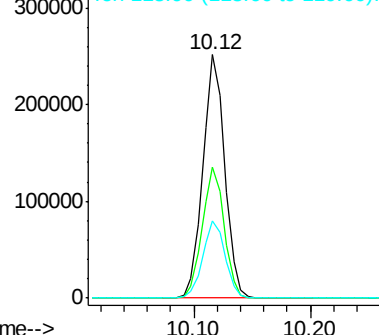
119 31.5 25.8 38.6

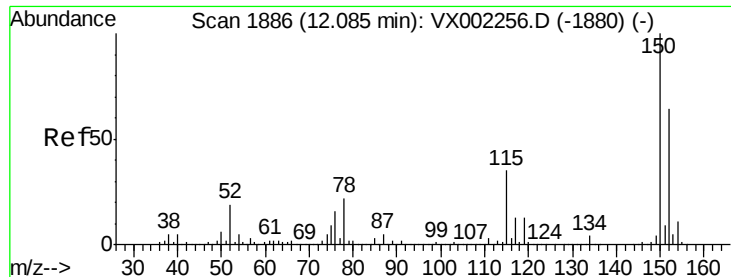


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002560.D

Acq: 14 Jun 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

PB110227ZHE#04

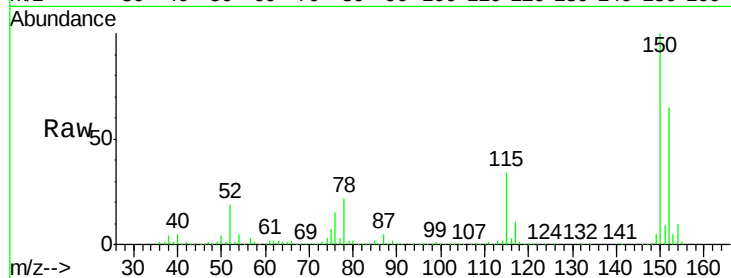
Tot Ion:152 Resp: 178319

Ion Ratio Lower Upper

152 100

115 56.0 40.1 120.2

150 156.8 0.0 347.2



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

