

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003337.D
 Acq On : 11 Jul 2018 23:02
 Operator : JC/MD
 Sample : PB110983ZHE#11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110983ZHE#11

Quant Time: Jul 12 04:37:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

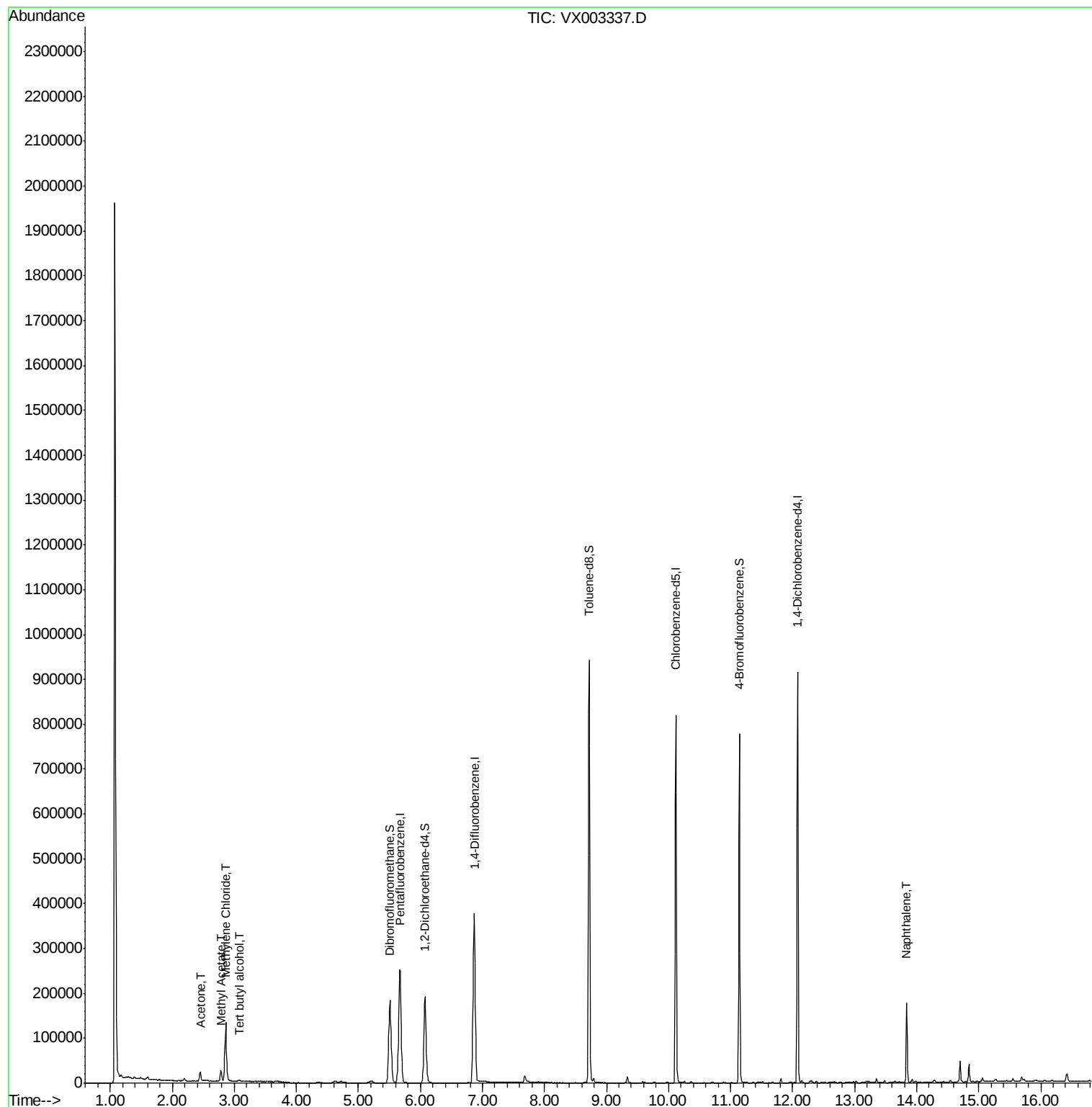
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177140	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
35) Dibromofluoromethane	5.51	113	147916	35.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.60%	
50) Toluene-d8	8.72	98	560927	38.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.44%	
62) 4-Bromofluorobenzene	11.14	95	190786	35.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.07	59	4267	5.857	ug/l #	89
16) Acetone	2.45	43	22547	15.804	ug/l	90
18) Methyl Acetate	2.78	43	28103	6.983	ug/l	94
20) Methylene Chloride	2.86	84	62049	20.812	ug/l	97
95) Naphthalene	13.83	128	114109	7.341	ug/l	100

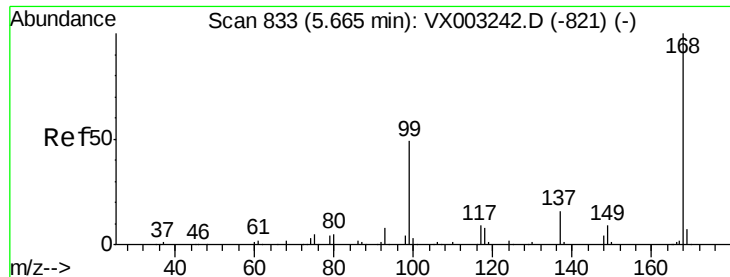
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003337.D

Acq: 11 Jul 2018 23:02

Instrument :

MSVOA_X

ClientSampleId :

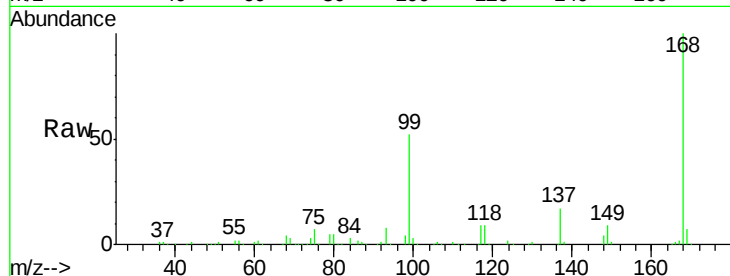
PB110983ZHE#11

Tot Ion:168 Resp: 255335

Ion Ratio Lower Upper

168 100

99 51.7 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

100000

80000

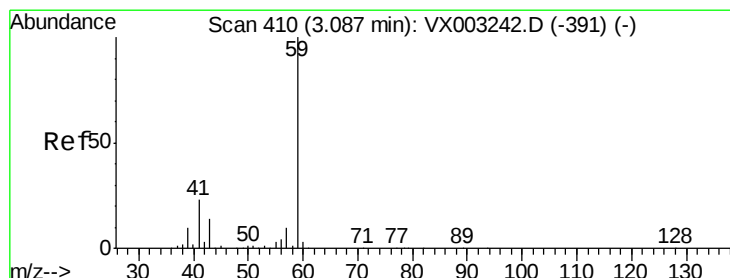
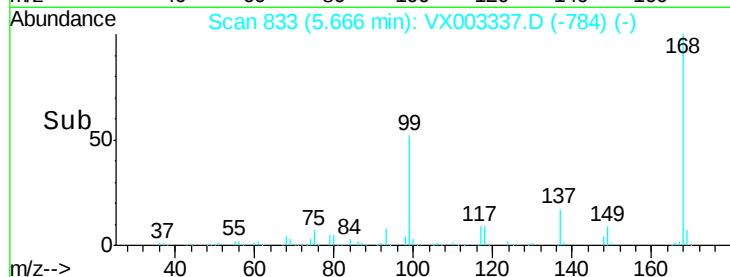
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 5.857 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.02 min

Lab File: VX003337.D

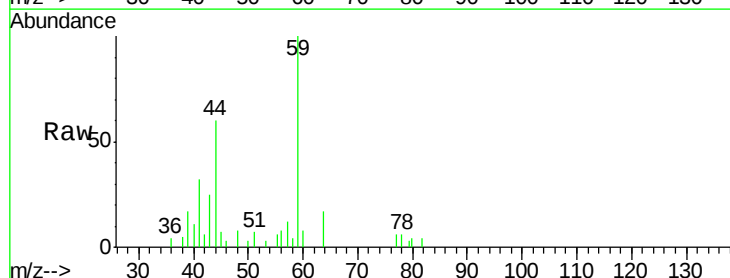
Acq: 11 Jul 2018 23:02

Tgt Ion: 59 Resp: 4267

Ion Ratio Lower Upper

59 100

57 14.4 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

2000

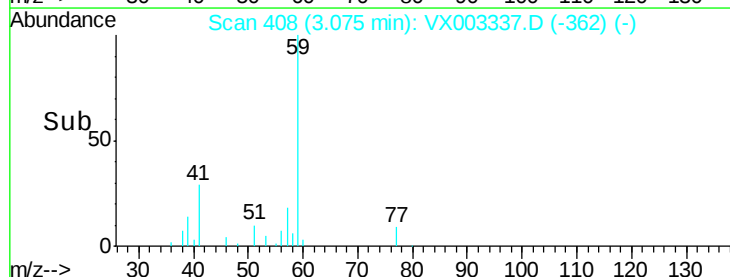
1500

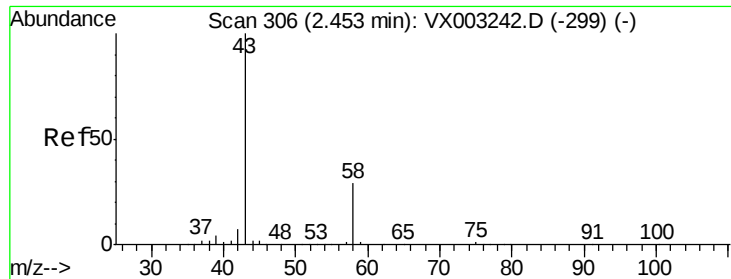
1000

500

0

Time--> 3.00 3.05 3.10 3.15





#16

Acetone

Concen: 15.804 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003337.D

Acq: 11 Jul 2018 23:02

Instrument :

MSVOA_X

ClientSampleId :

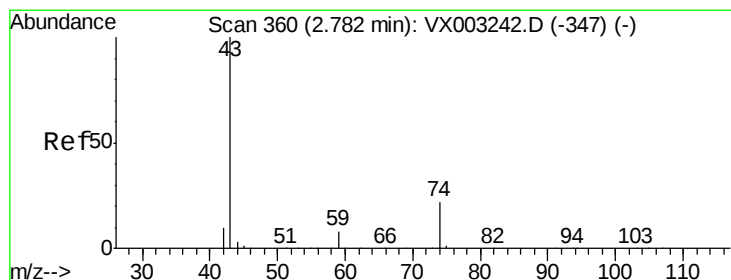
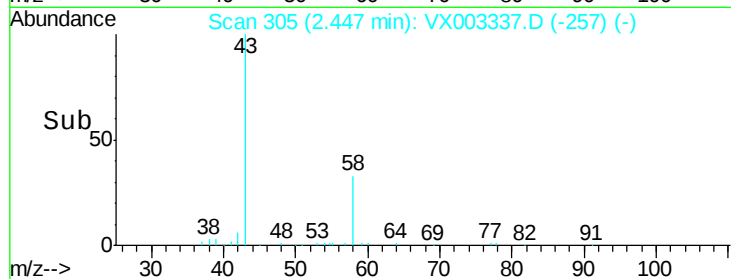
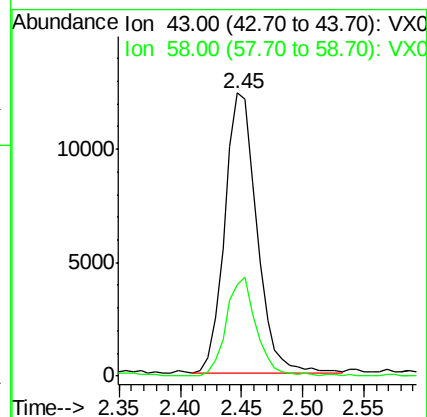
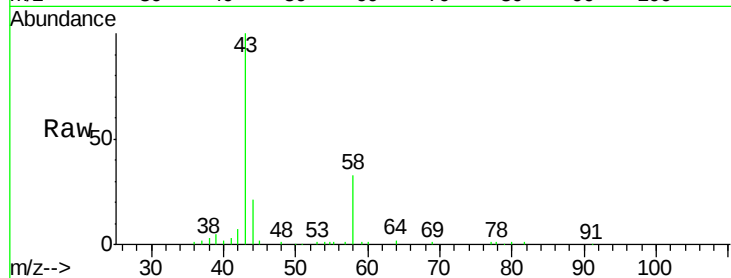
PB110983ZHE#11

Tot Ion: 43 Resp: 22547

Ion Ratio Lower Upper

43 100

58 32.9 22.1 33.1



#18

Methyl Acetate

Concen: 6.983 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003337.D

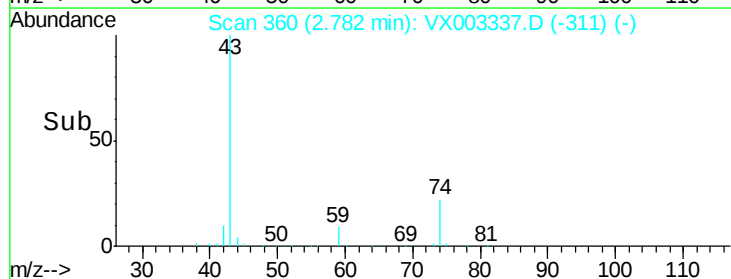
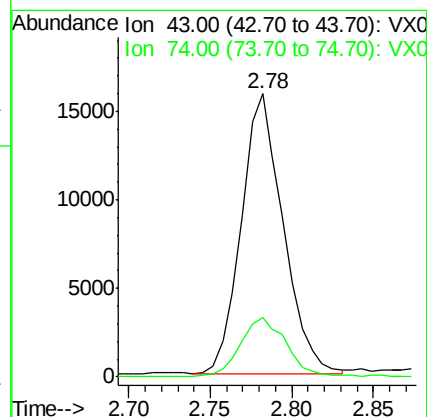
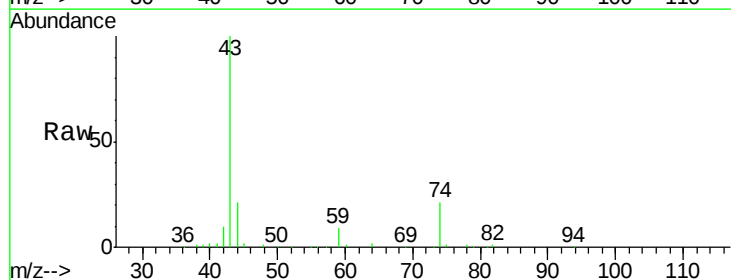
Acq: 11 Jul 2018 23:02

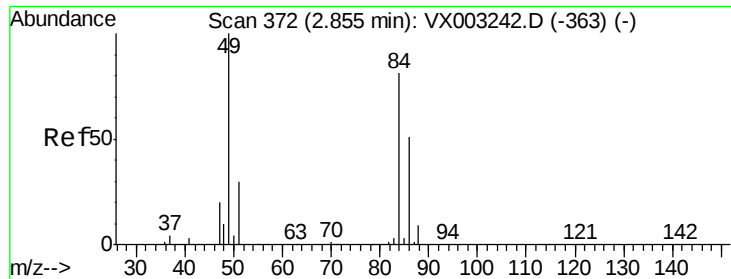
Tgt Ion: 43 Resp: 28103

Ion Ratio Lower Upper

43 100

74 23.5 16.7 25.1

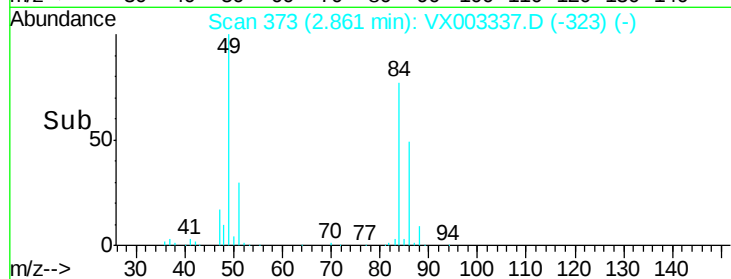
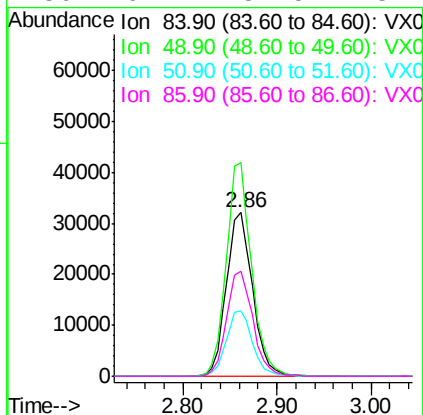
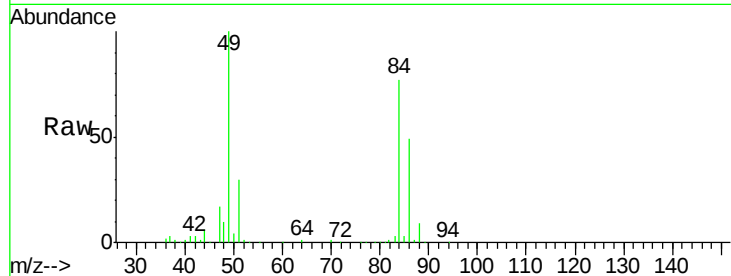




#20
Methvlene Chloride
Concen: 20.812 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003337.D
Acq: 11 Jul 2018 23:02

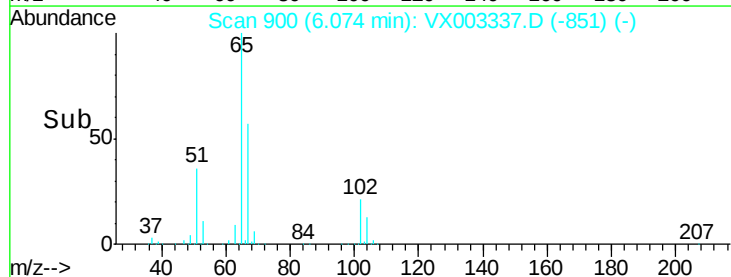
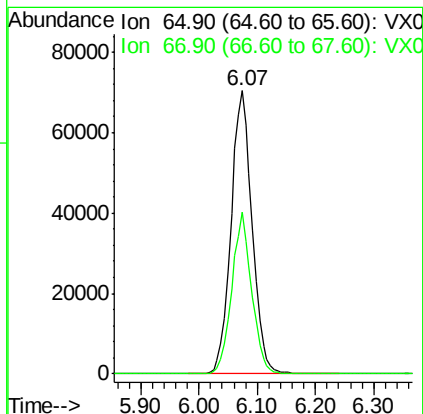
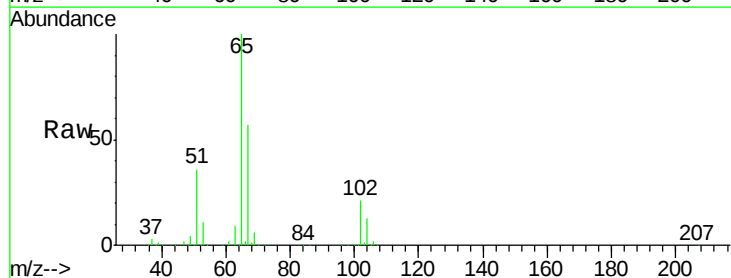
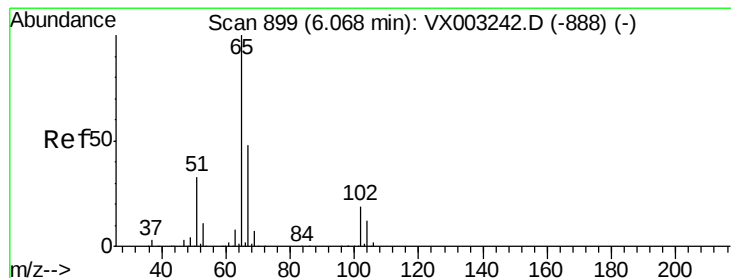
Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#11

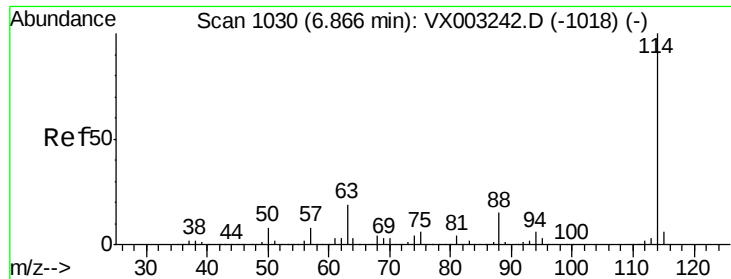
Tot Ion: 84 Resp: 62049
Ion Ratio Lower Upper
84 100
49 130.4 107.8 161.6
51 39.6 32.8 49.2
86 64.4 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 44.082 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003337.D
Acq: 11 Jul 2018 23:02

Tgt Ion: 65 Resp: 177140
Ion Ratio Lower Upper
65 100
67 53.7 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: VX003337.D

Acq: 11 Jul 2018 23:02

Instrument :

MSVOA_X

ClientSampleId :

PB110983ZHE#11

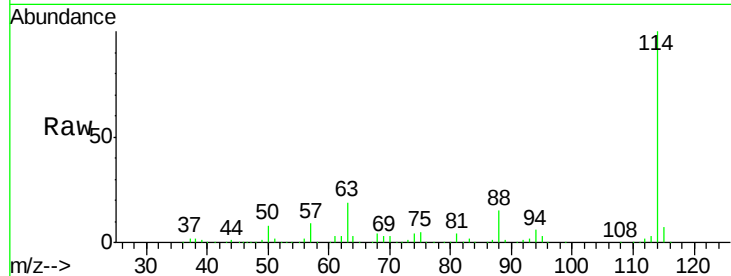
Tot Ion:114 Resp: 384633

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

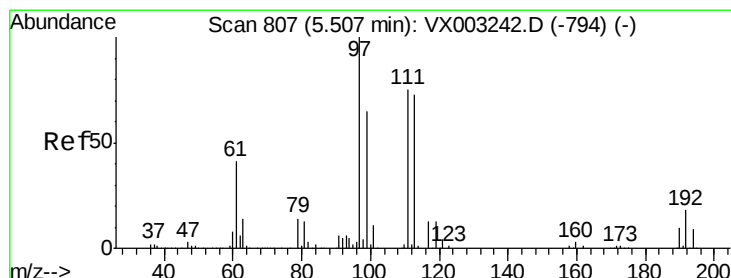
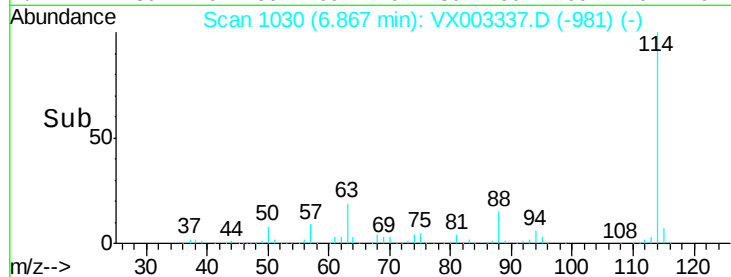
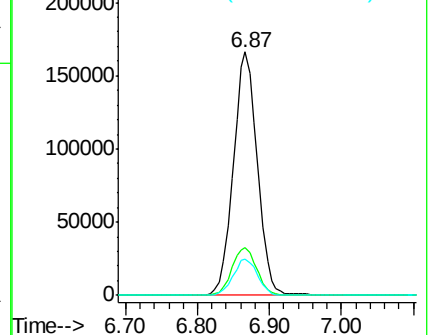
88 14.8 0.0 30.0



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: 35.796 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003337.D

Acq: 11 Jul 2018 23:02

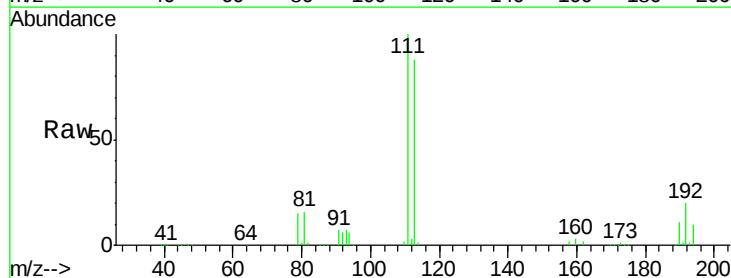
Tgt Ion:113 Resp: 147916

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

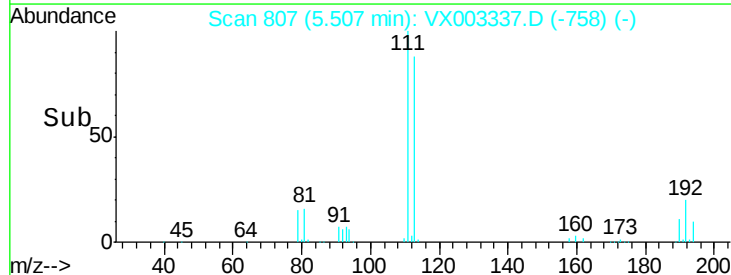
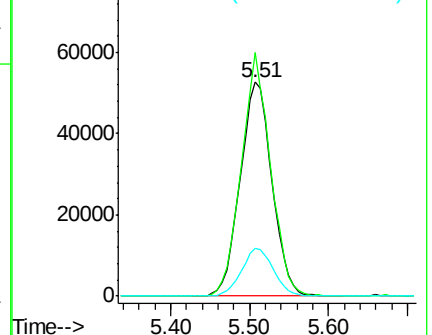
192 22.3 19.1 28.7

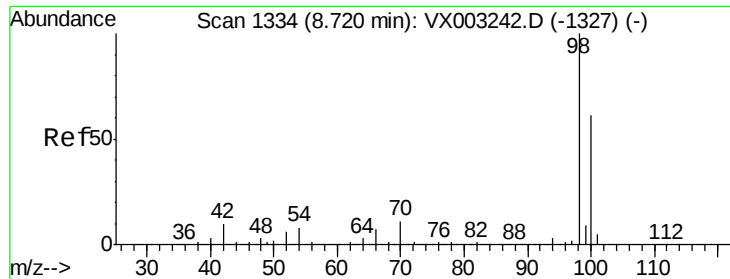


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.216 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003337.D

Acq: 11 Jul 2018 23:02

Instrument :

MSVOA_X

ClientSampleId :

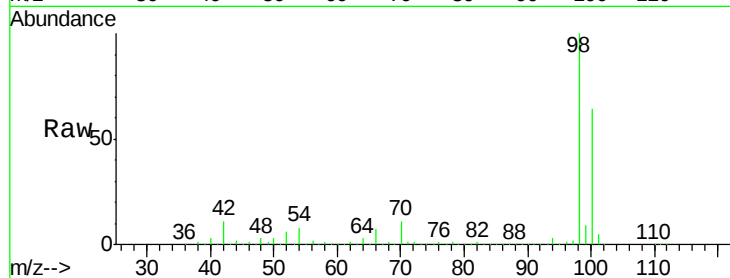
PB110983ZHE#11

Tot Ion: 98 Resp: 560927

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

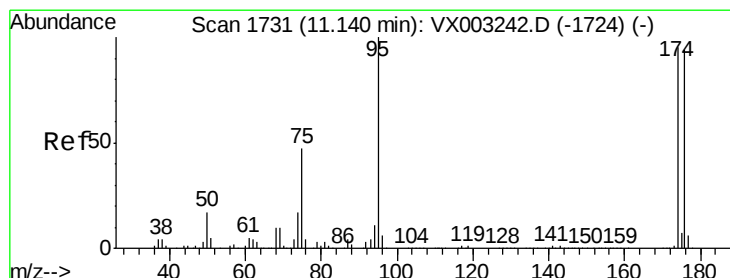
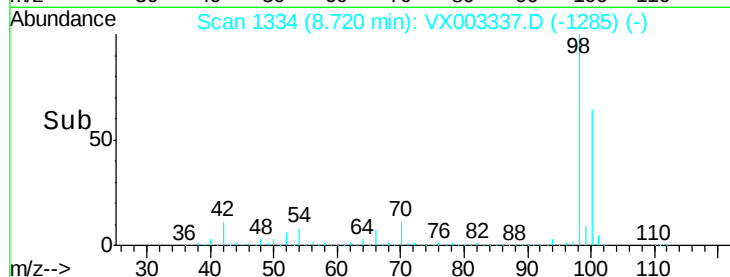
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 35.178 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003337.D

Acq: 11 Jul 2018 23:02

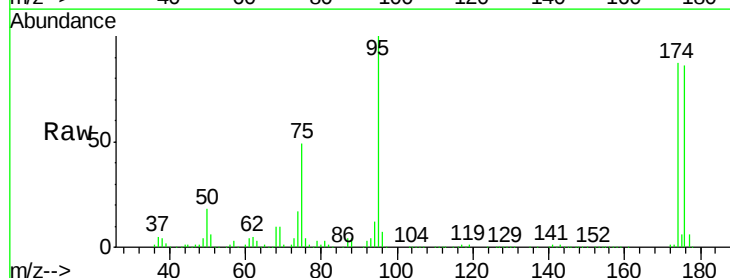
Tgt Ion: 95 Resp: 190786

Ion Ratio Lower Upper

95 100

174 91.4 0.0 187.4

176 88.5 0.0 181.0



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

11.14

200000

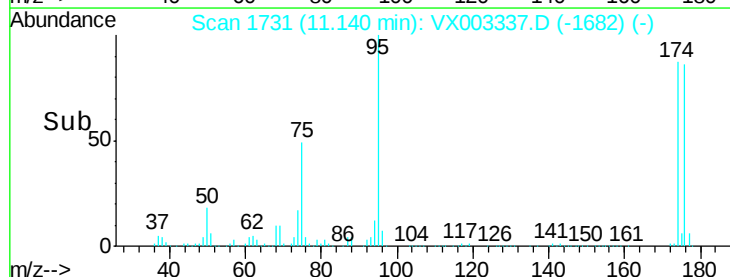
150000

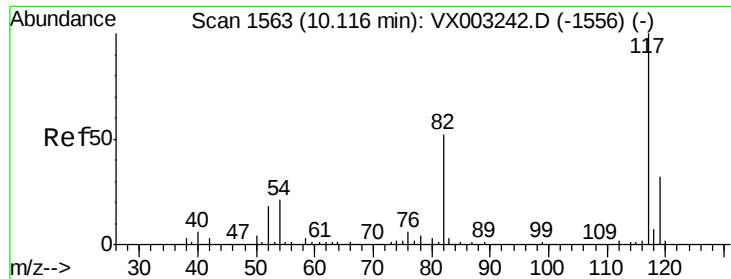
100000

50000

0

Time-->

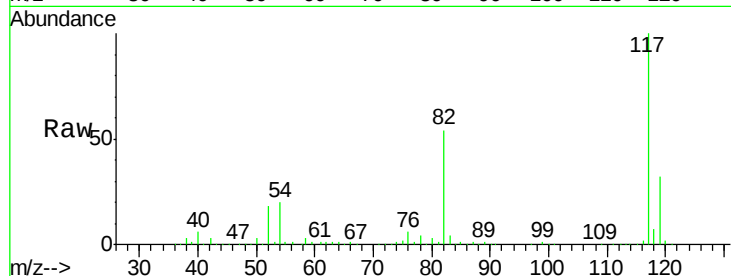




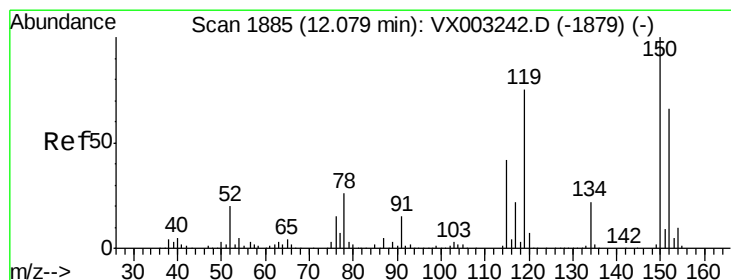
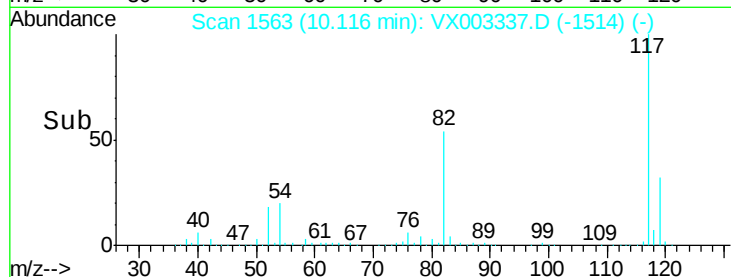
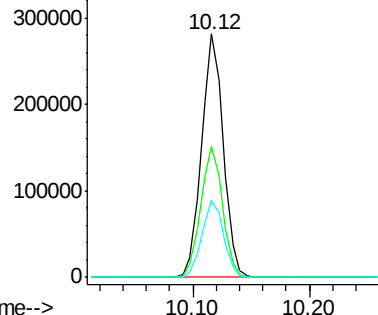
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003337.D
Acq: 11 Jul 2018 23:02

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#11

Tot Ion:117 Resp: 364781
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 31.8 25.8 38.6

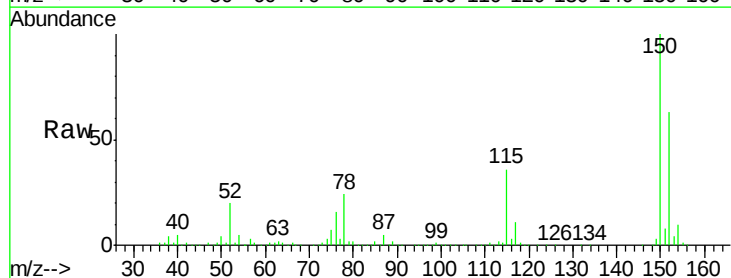


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

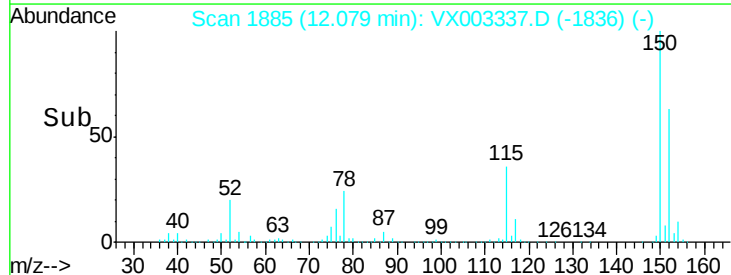
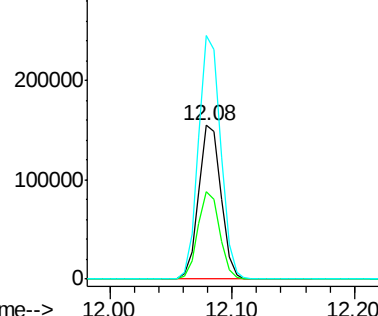


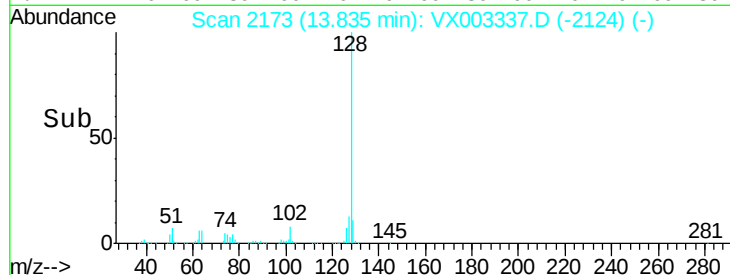
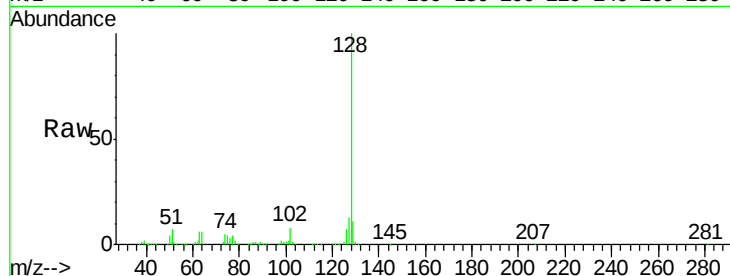
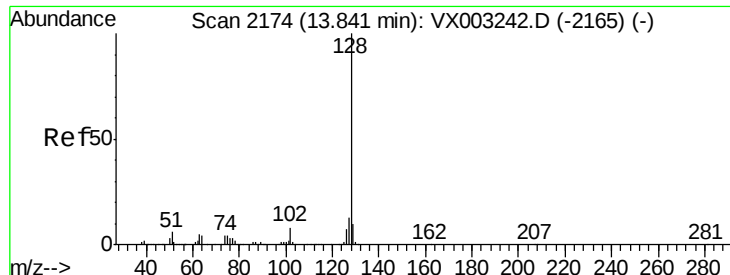
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003337.D
Acq: 11 Jul 2018 23:02

Tgt Ion:152 Resp: 194422
Ion Ratio Lower Upper
152 100
115 56.0 40.1 120.2
150 158.2 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





#95

Naphthalene

Concen: 7.341 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003337.D

Acq: 11 Jul 2018 23:02

Instrument :

MSVOA_X

ClientSampleId :

PB110983ZHE#11

Tot Ion:128 Resp: 114109

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0

