

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000369.D
 Acq On : 20 Mar 2018 19:19
 Operator : JC/MD
 Sample : PB107482TB 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB107482TB

Quant Time: Mar 21 05:14:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	102420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	176293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	165657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	79261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	72509	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	5.52	113	56416	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.73	98	219282	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.15	95	72035	38.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.32%	

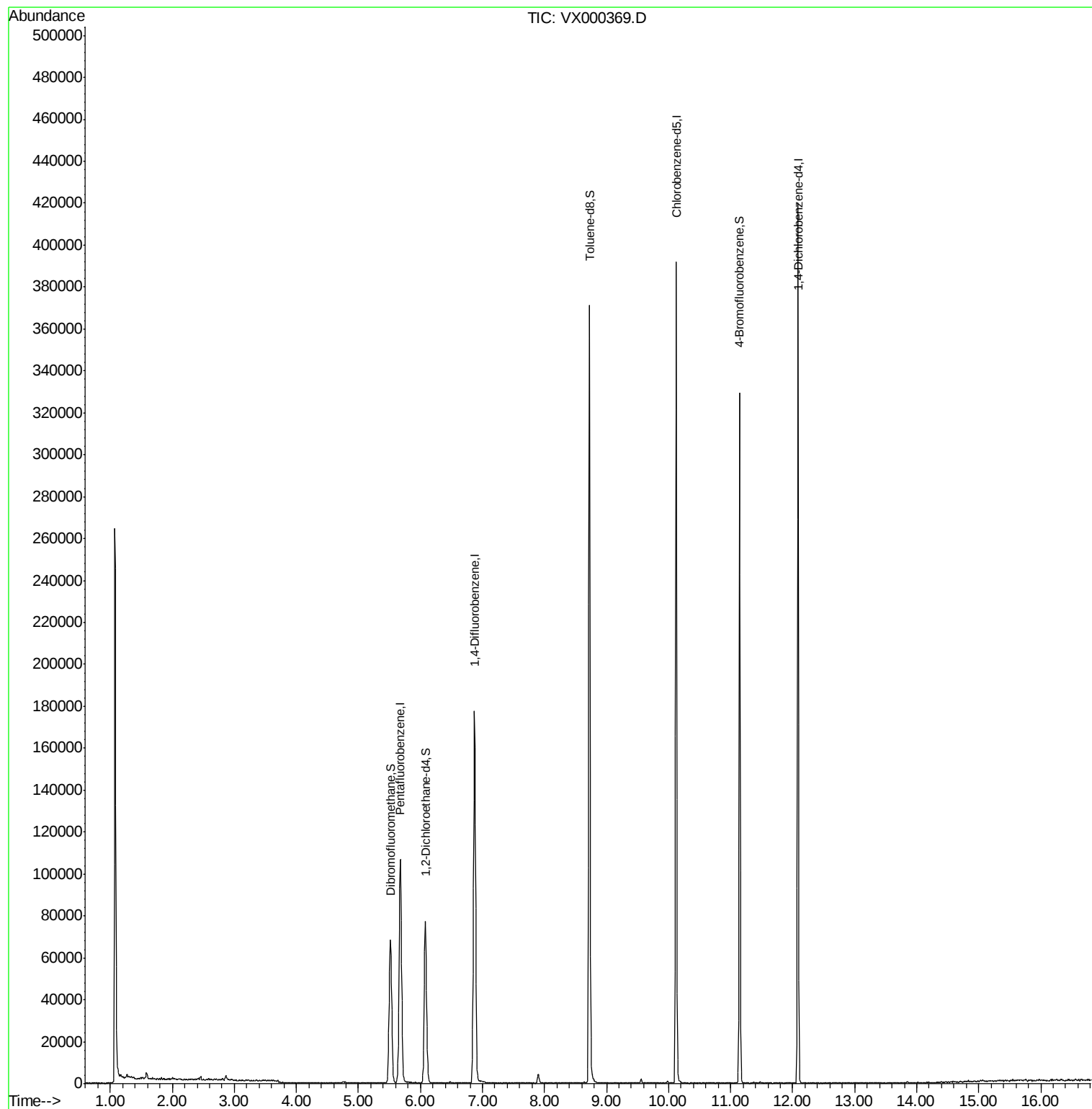
Target Compounds	Qvalue
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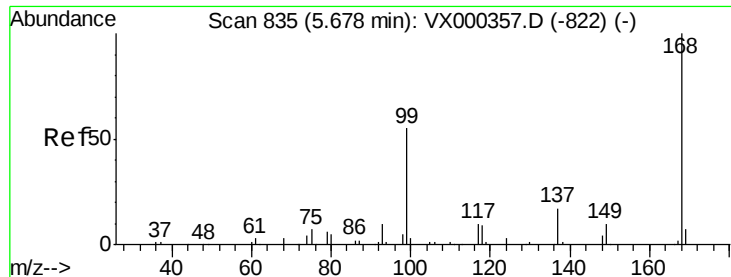
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000369.D

Acq: 20 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

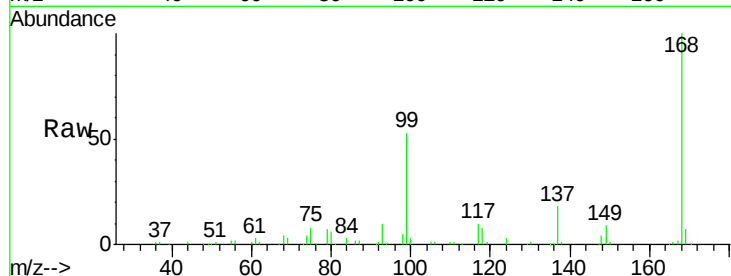
PB107482TB

Tot Ion:168 Resp: 102420

Ion Ratio Lower Upper

168 100

99 52.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

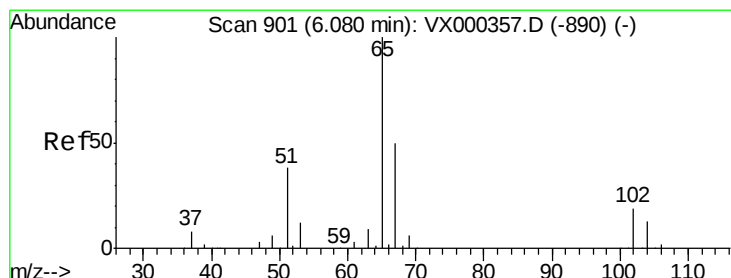
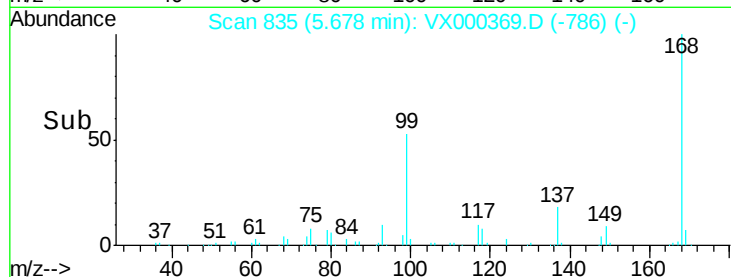
20000

10000

0

Time-->

5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 54.24 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000369.D

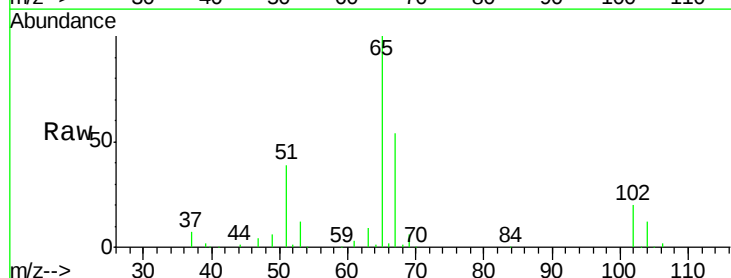
Acq: 20 Mar 2018 19:19

Tgt Ion: 65 Resp: 72509

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

30000

25000

20000

15000

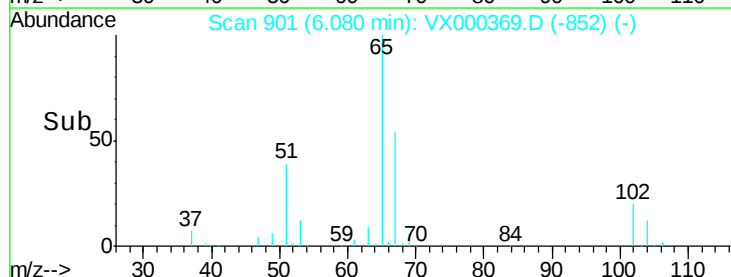
10000

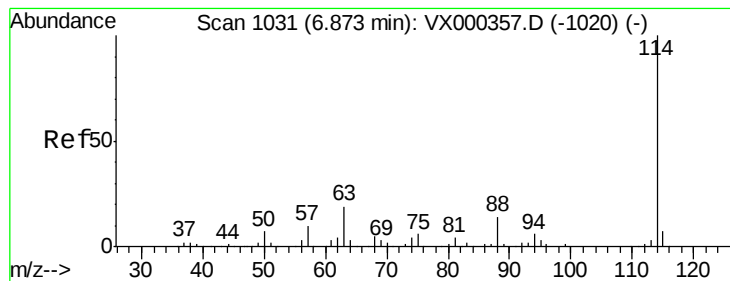
5000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000369.D

Acq: 20 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

PB107482TB

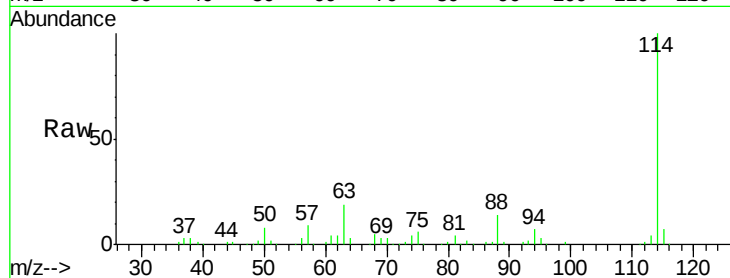
Tot Ion:114 Resp: 176293

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

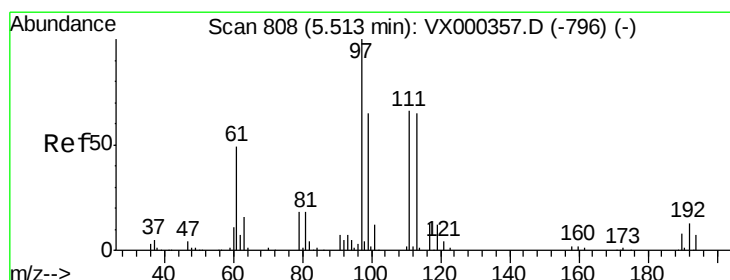
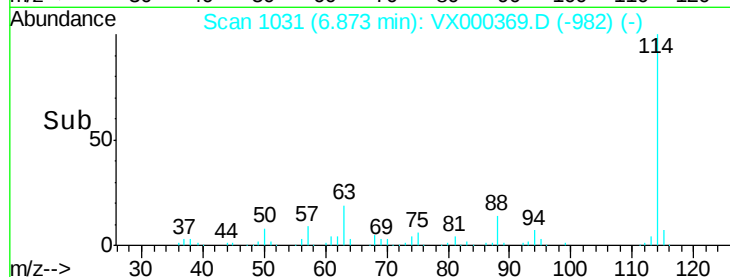
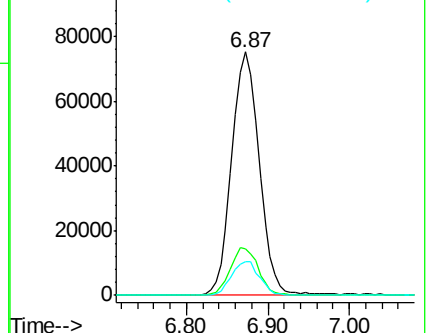
88 13.8 0.0 27.0



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: 50.79 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000369.D

Acq: 20 Mar 2018 19:19

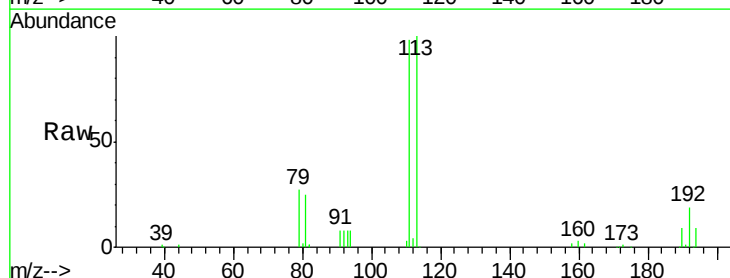
Tgt Ion:113 Resp: 56416

Ion Ratio Lower Upper

113 100

111 99.9 82.4 123.6

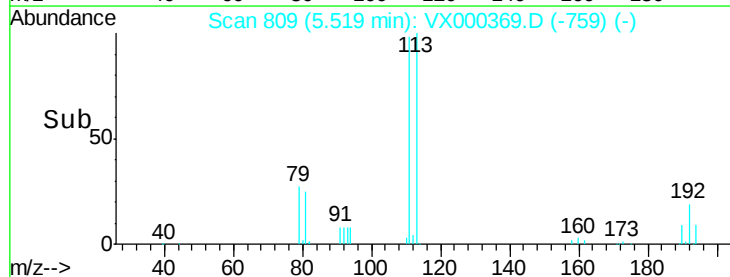
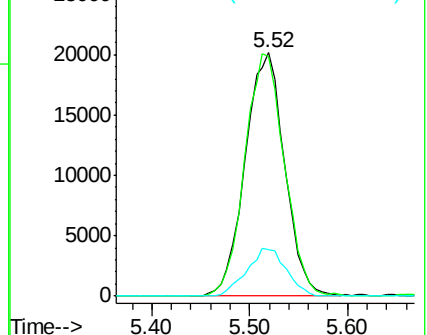
192 19.5 15.8 23.6

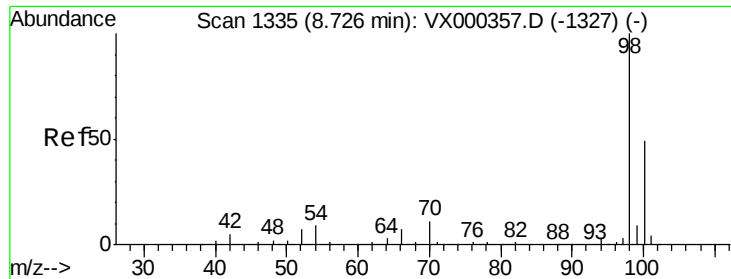


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.66 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000369.D

Acq: 20 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

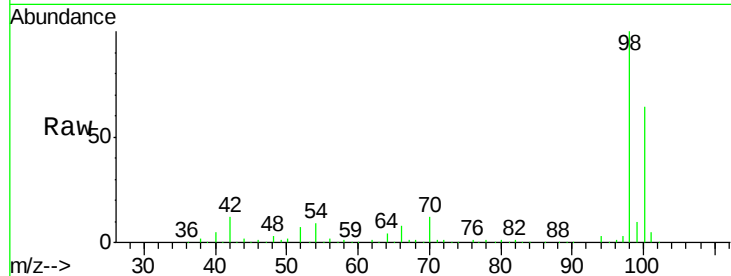
PB107482TB

Tot Ion: 98 Resp: 219282

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

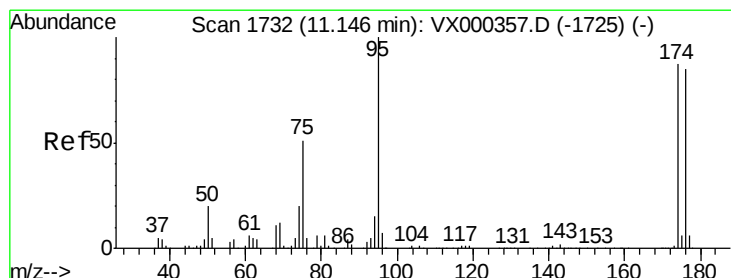
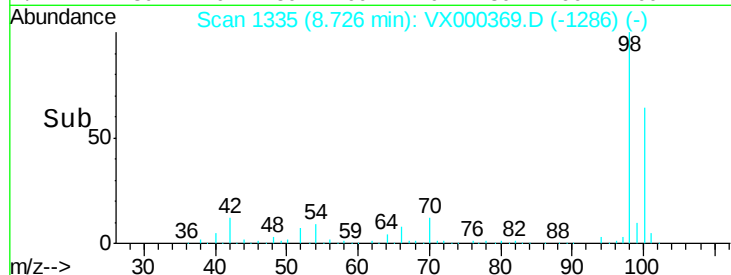
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.66 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000369.D

Acq: 20 Mar 2018 19:19

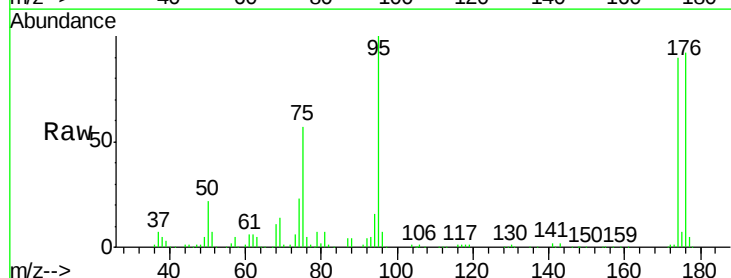
Tgt Ion: 95 Resp: 72035

Ion Ratio Lower Upper

95 100

174 89.6 0.0 173.6

176 89.3 0.0 164.6



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

80000

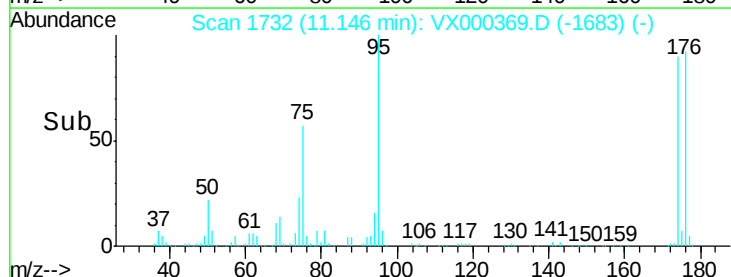
60000

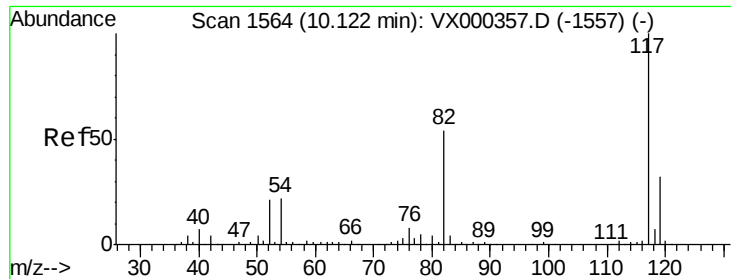
40000

20000

0

Time-->

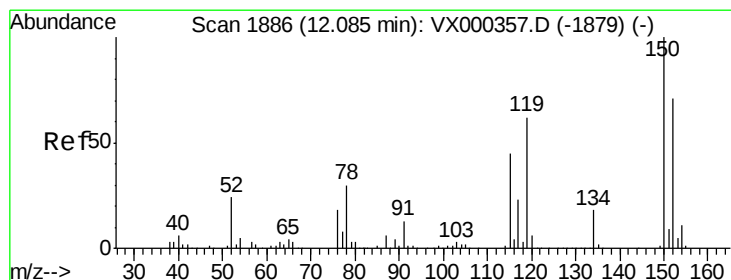
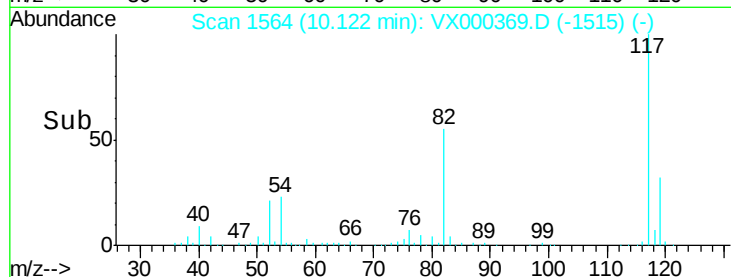
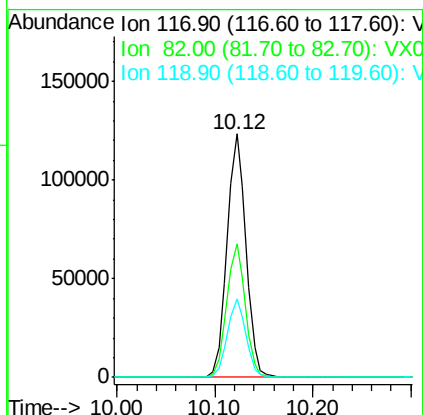
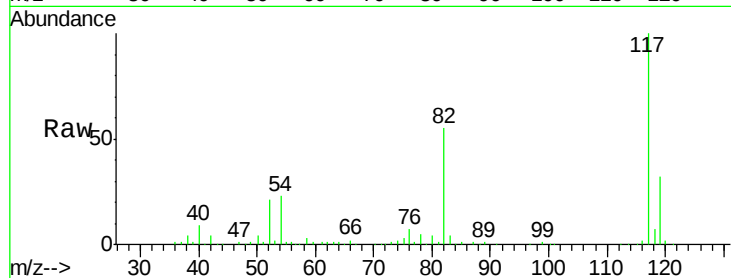




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000369.D
Acq: 20 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
PB107482TB

Tot Ion:117 Resp: 165657
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 32.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000369.D
Acq: 20 Mar 2018 19:19

Tgt Ion:152 Resp: 79261
Ion Ratio Lower Upper
152 100
115 55.1 39.8 119.3
150 155.7 0.0 344.4

