

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002841.D
 Acq On : 22 Jun 2018 19:59
 Operator : JC/MD
 Sample : J3592-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2018-2

Quant Time: Jun 25 11:01:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	166709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156151	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
35) Dibromofluoromethane	5.51	113	121350	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
50) Toluene-d8	8.72	98	451954	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.14	95	158746	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	

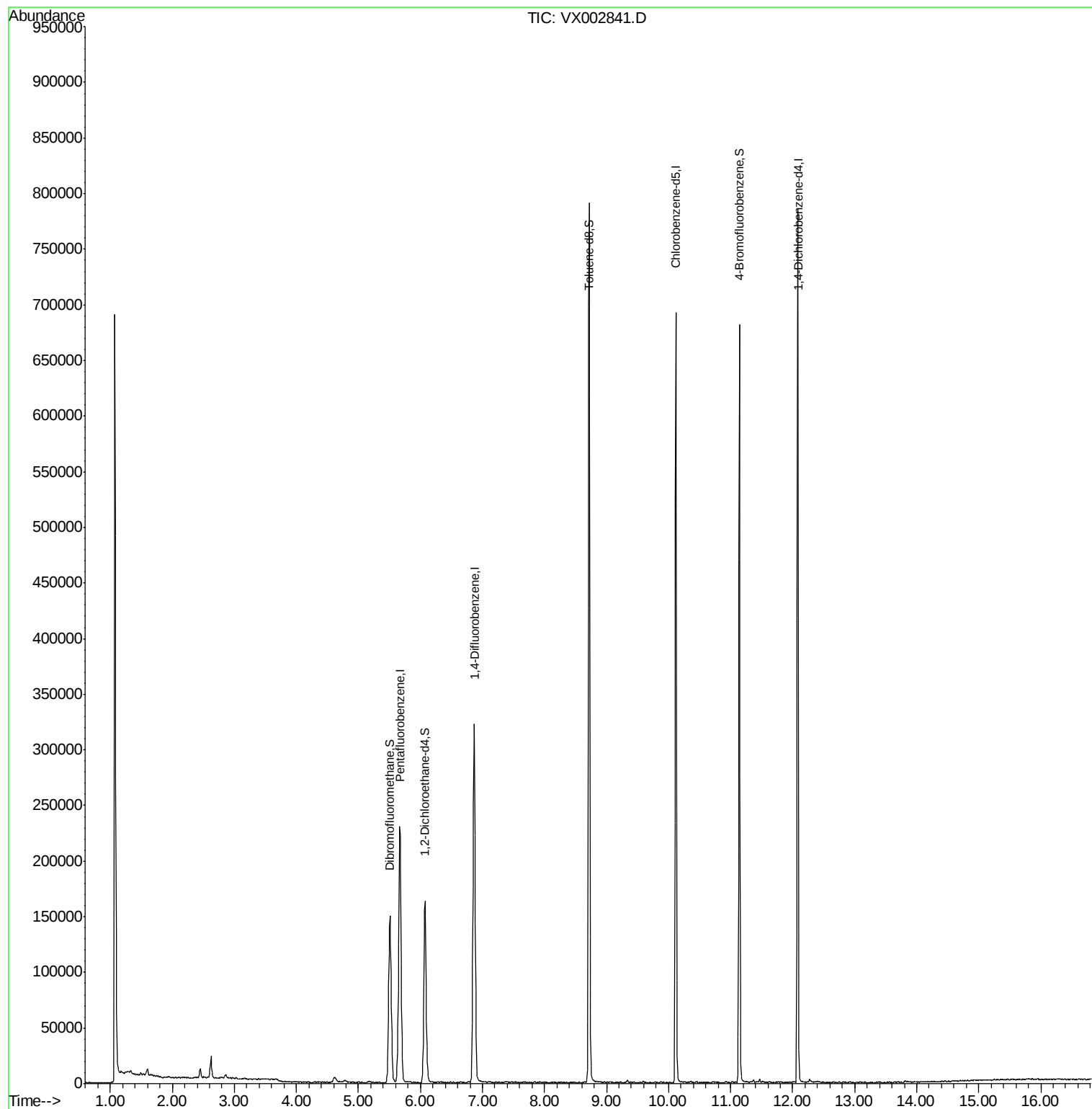
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002841.D

Acq: 22 Jun 2018 19:59

Instrument :

MSVOA_X

ClientSampleId :

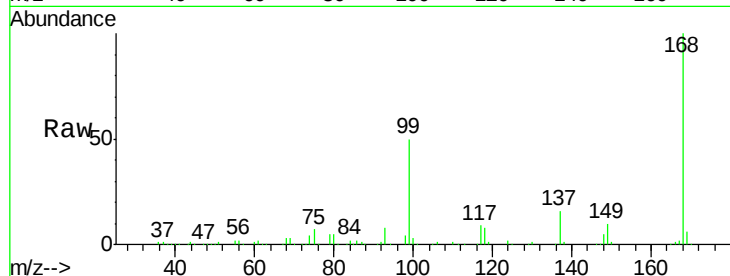
S32-TB-2018-2

Tot Ion:168 Resp: 226098

Ion Ratio Lower Upper

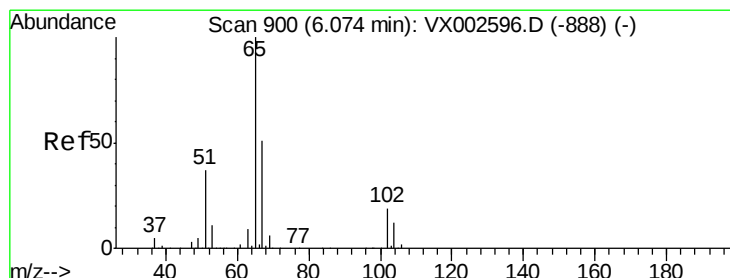
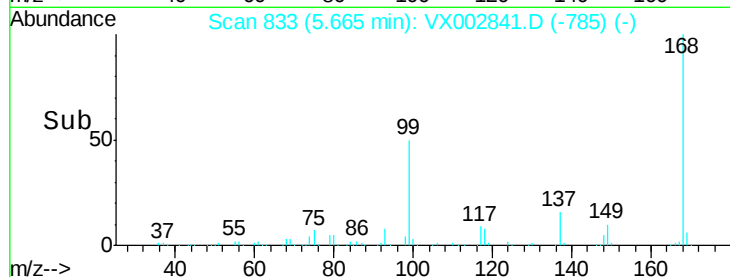
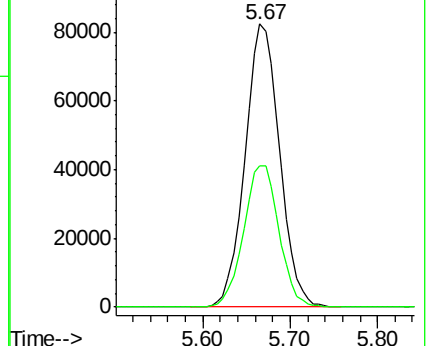
168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.45 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002841.D

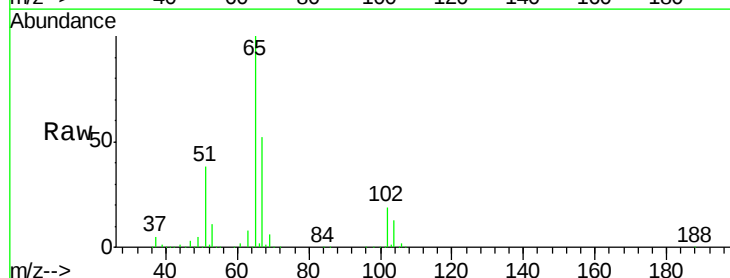
Acq: 22 Jun 2018 19:59

Tgt Ion: 65 Resp: 156151

Ion Ratio Lower Upper

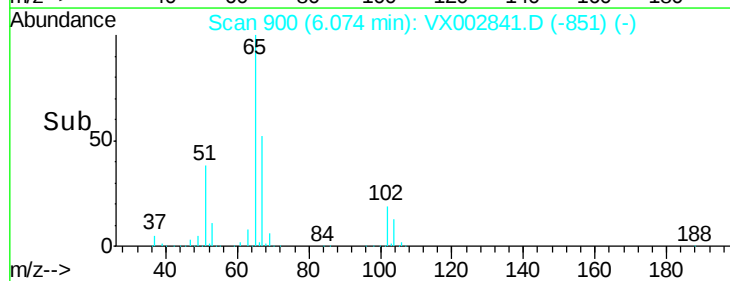
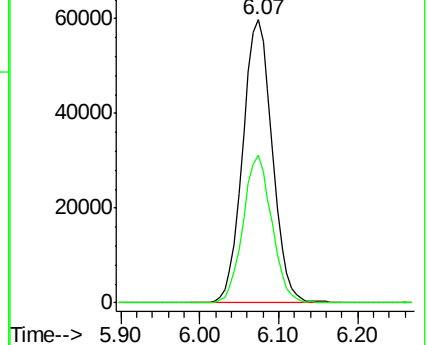
65 100

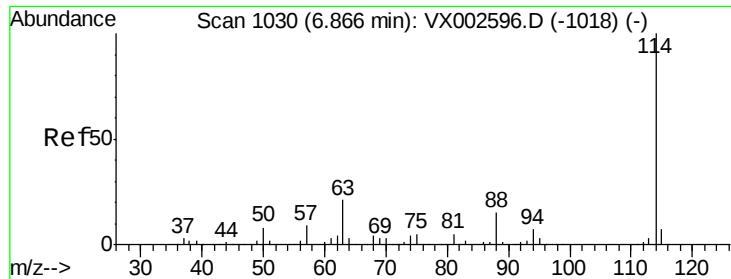
67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002841.D

Acq: 22 Jun 2018 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-TB-2018-2

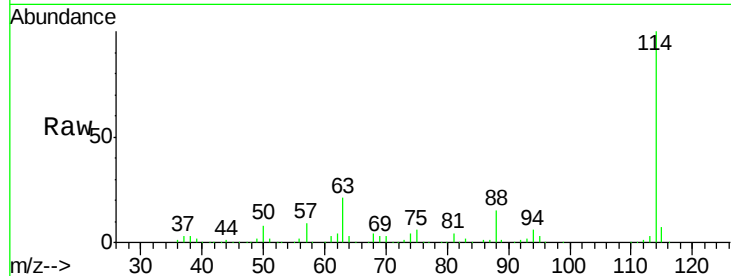
Tot Ion:114 Resp: 319387

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

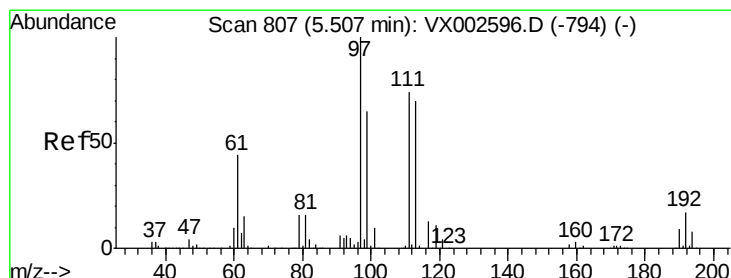
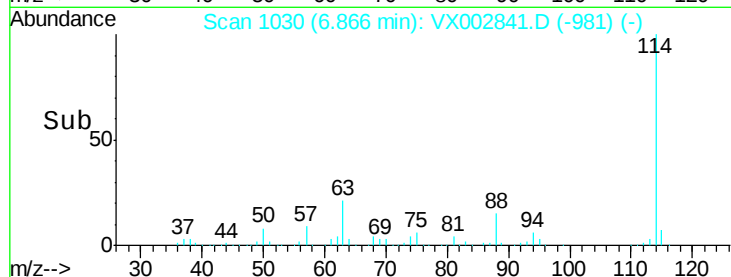
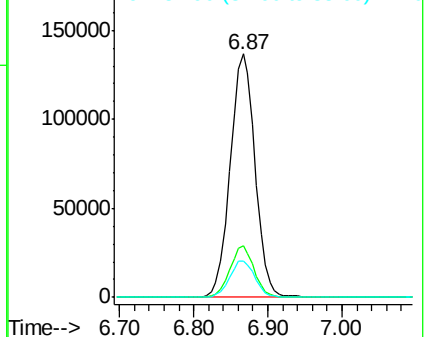
88 14.8 0.0 30.0



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: 47.61 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002841.D

Acq: 22 Jun 2018 19:59

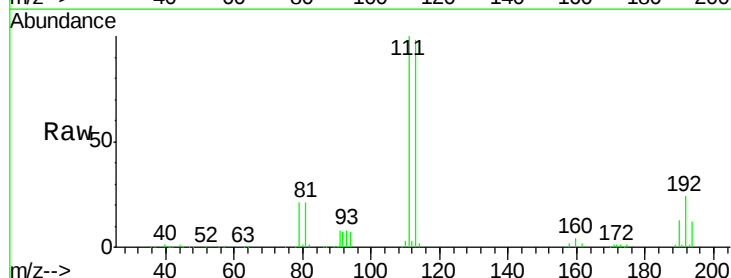
Tgt Ion:113 Resp: 121350

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

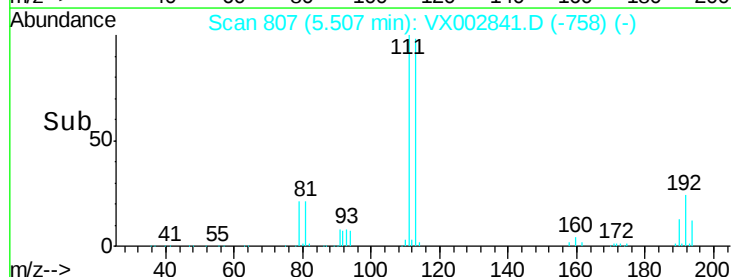
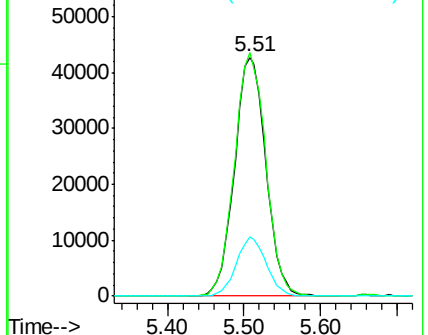
192 23.8 19.1 28.7

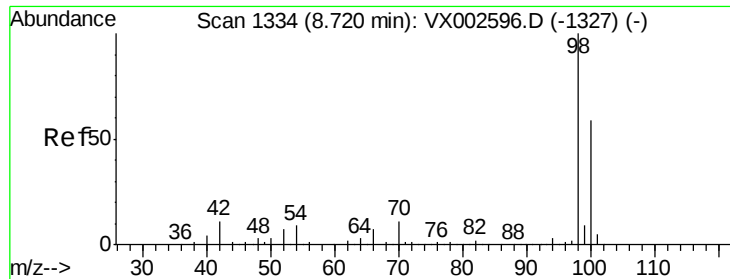


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.70 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002841.D

Acq: 22 Jun 2018 19:59

Instrument :

MSVOA_X

ClientSampleId :

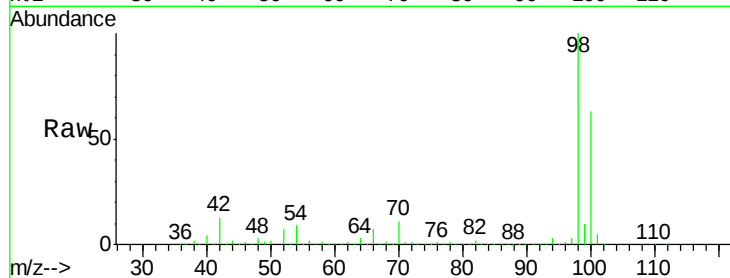
S32-TB-2018-2

Tot Ion: 98 Resp: 451954

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

300000

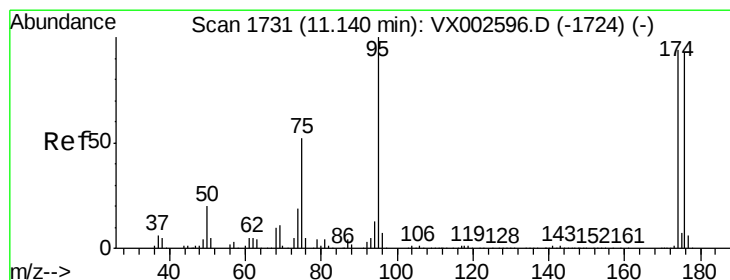
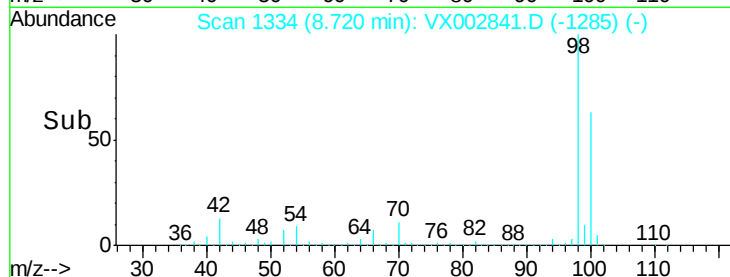
200000

100000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 43.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002841.D

Acq: 22 Jun 2018 19:59

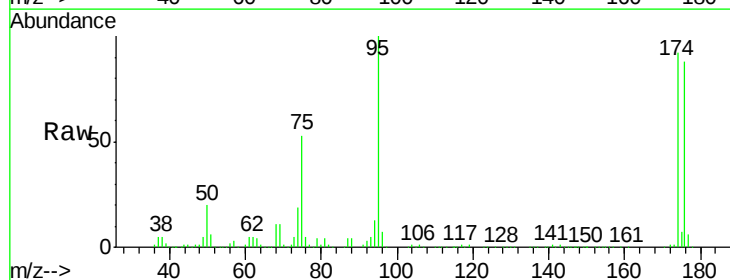
Tgt Ion: 95 Resp: 158746

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

176 92.8 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

150000

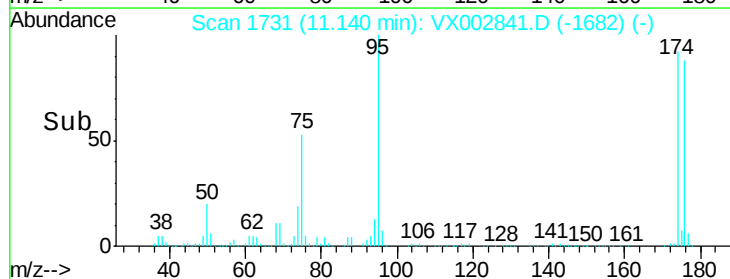
100000

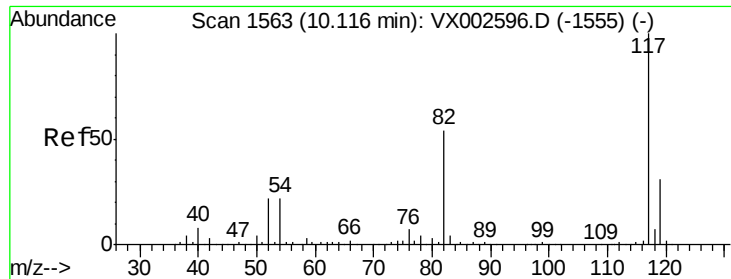
50000

0

11.10 11.20

Time-->

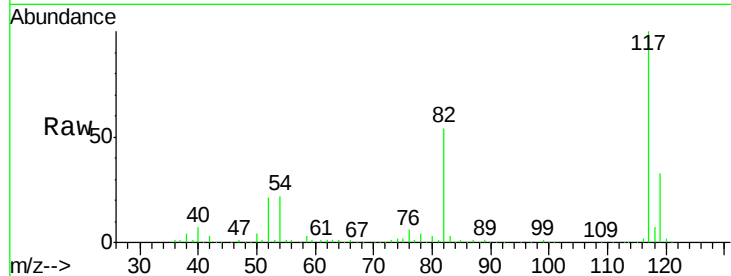




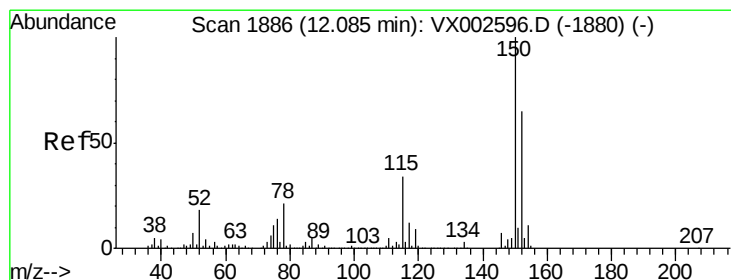
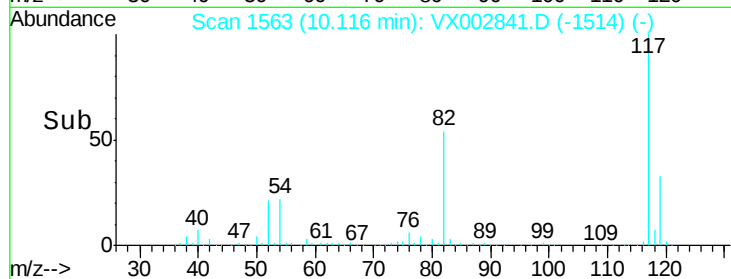
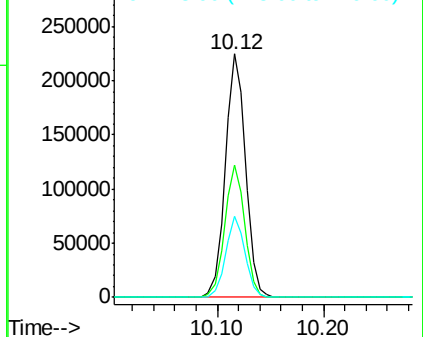
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002841.D
Acq: 22 Jun 2018 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2018-2

Tot Ion:117 Resp: 298469
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 33.4 25.8 38.6

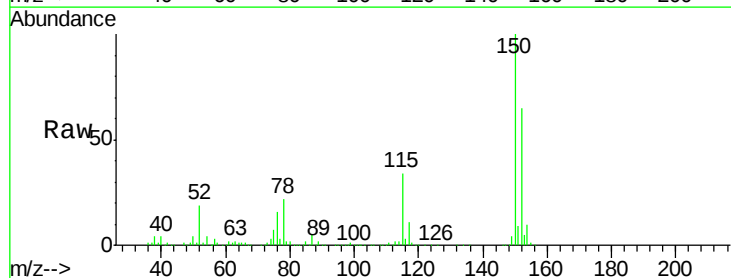


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002841.D
Acq: 22 Jun 2018 19:59

Tgt Ion:152 Resp: 166709
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 153.8 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

