

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
 Data File : VX007265.D
 Acq On : 28 Jan 2019 17:18
 Operator : JC/SP
 Sample : K1230-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Jan 29 00:57:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	532069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	806653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	773416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	378239	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	283868	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	5.51	113	254531	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	8.71	98	977744	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.13	95	347084	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	

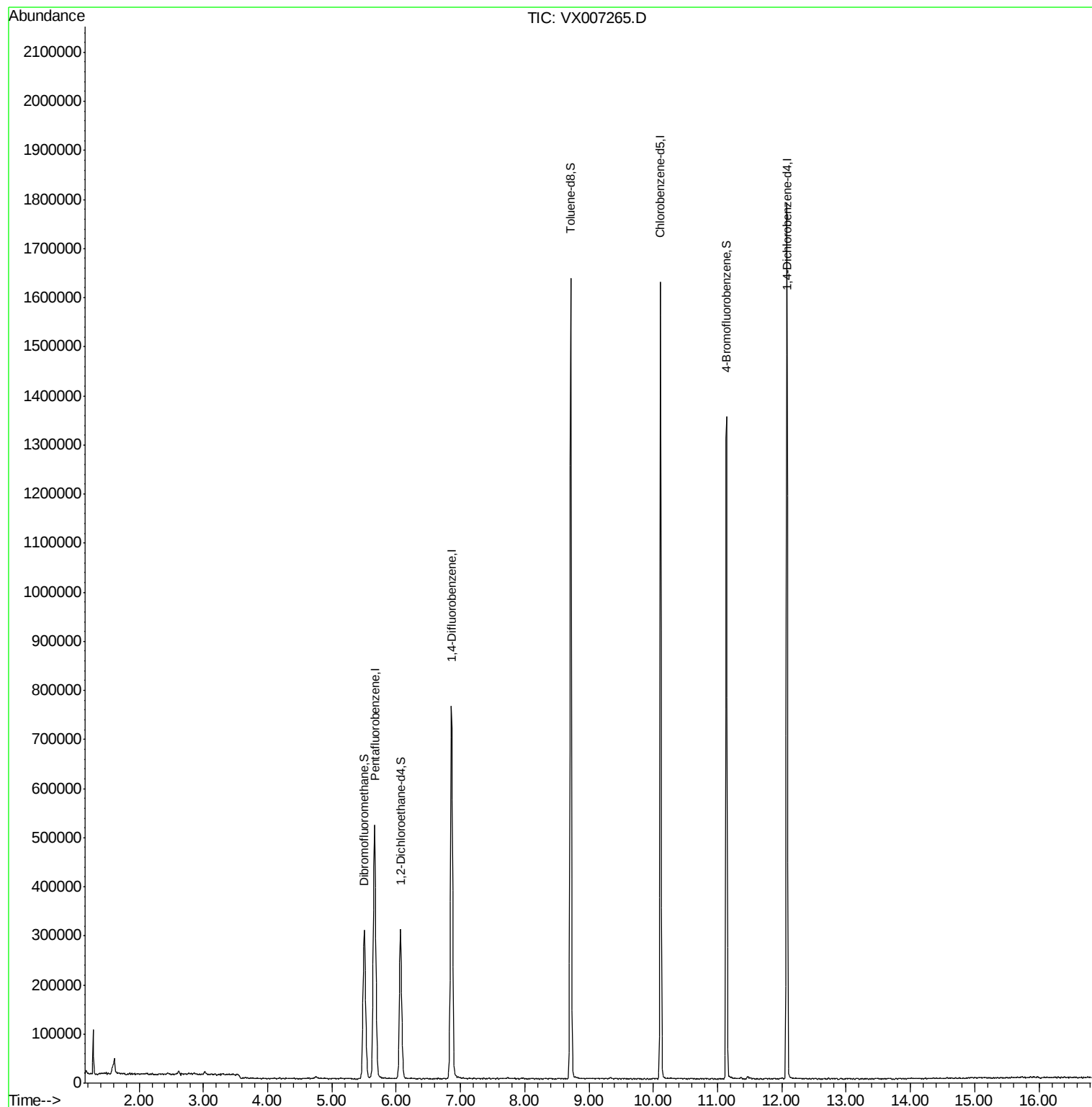
Target Compounds	Qvalue
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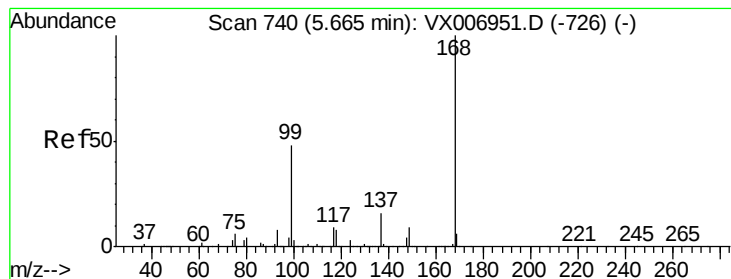
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007265.D

Acq: 28 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampled :

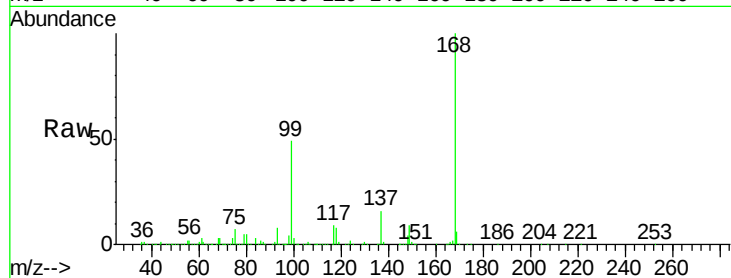
TB

Tot Ion:168 Resp: 532069

Ion Ratio Lower Upper

168 100

99 49.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

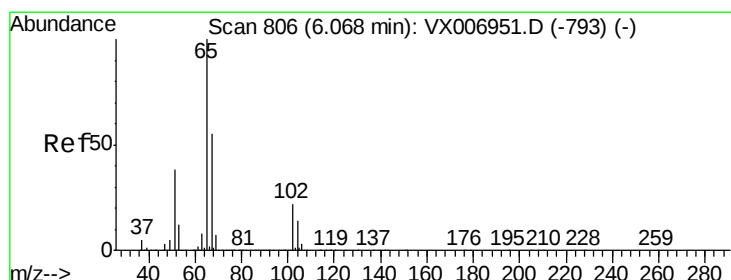
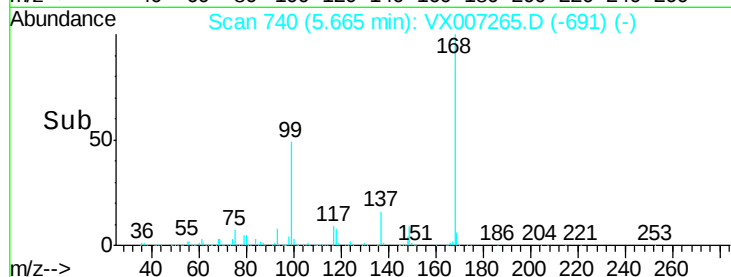
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.050 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007265.D

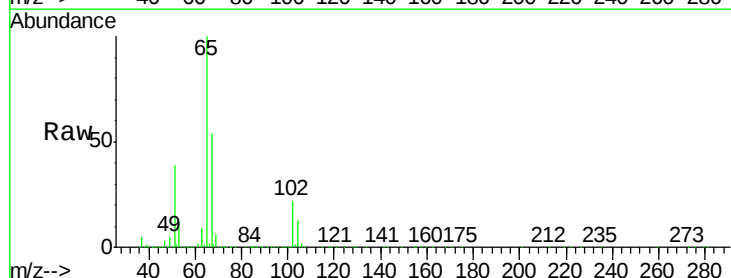
Acq: 28 Jan 2019 17:18

Tgt Ion: 65 Resp: 283868

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

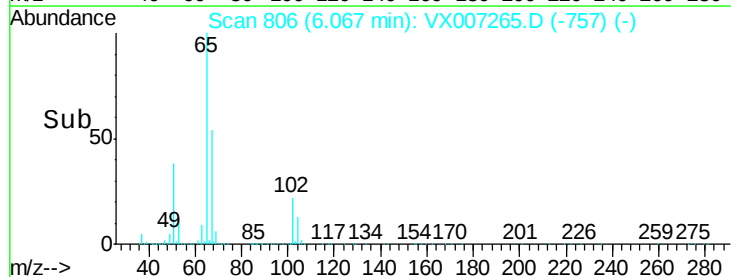
60000

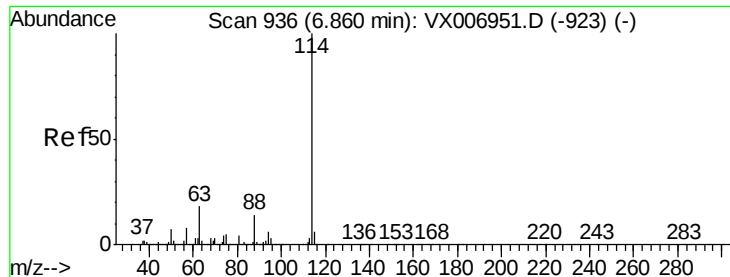
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007265.D

Acq: 28 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

TB

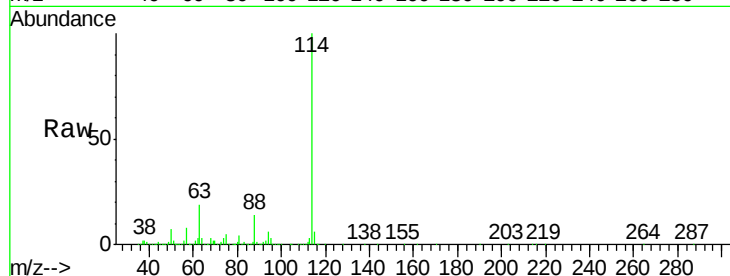
Tot Ion:114 Resp: 806653

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

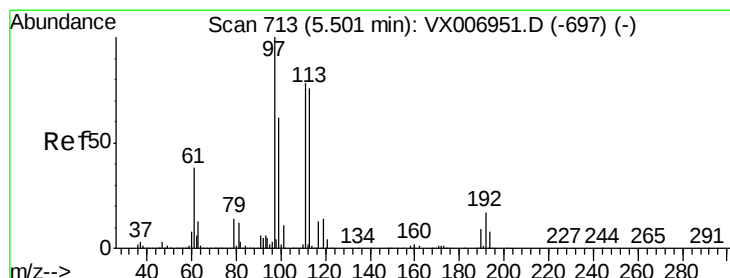
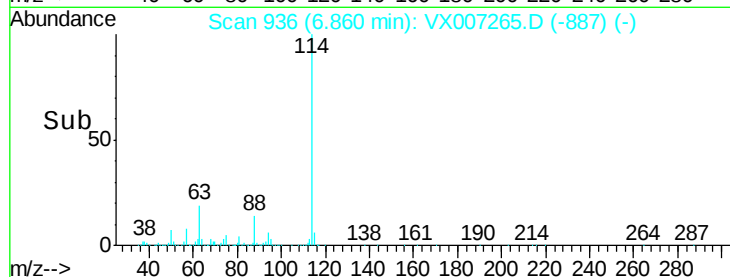
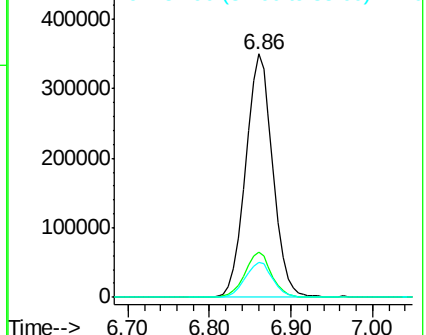
88 14.3 0.0 28.8



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: 49.273 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007265.D

Acq: 28 Jan 2019 17:18

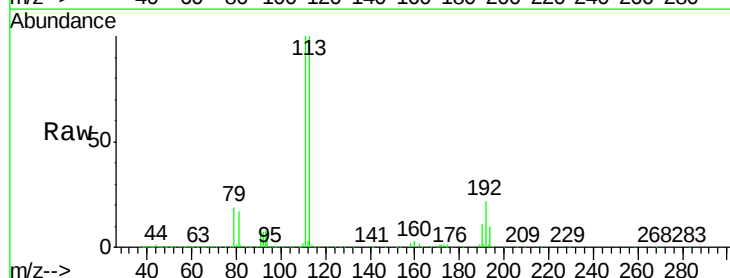
Tgt Ion:113 Resp: 254531

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

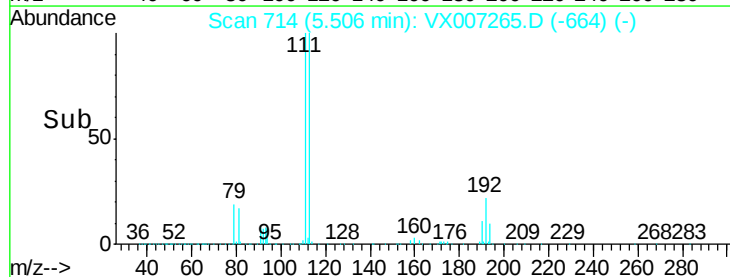
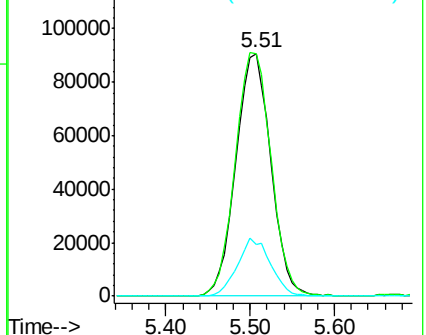
192 22.8 16.7 25.1

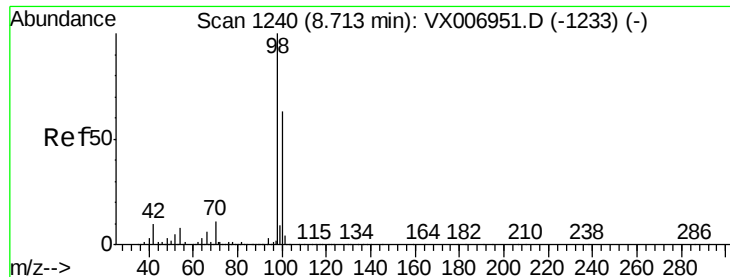


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.710 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007265.D

Acq: 28 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

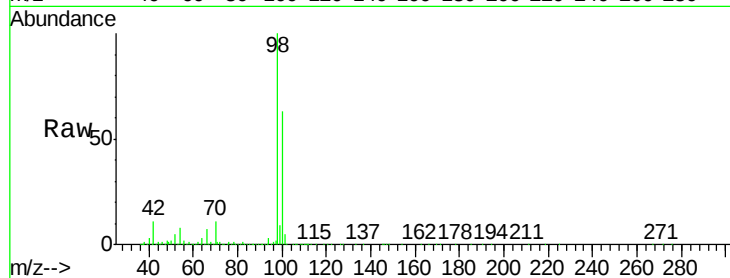
TB

Tot Ion: 98 Resp: 977744

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

600000

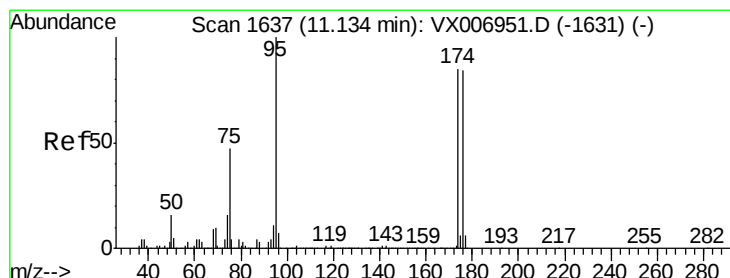
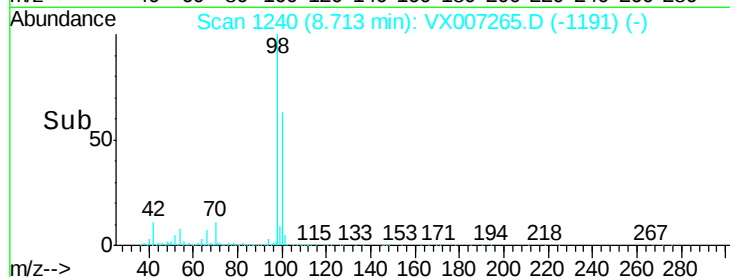
400000

200000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 52.653 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007265.D

Acq: 28 Jan 2019 17:18

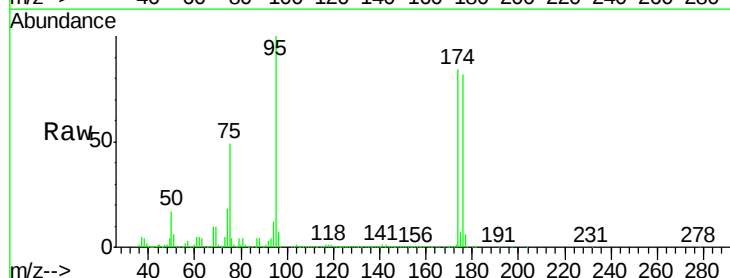
Tgt Ion: 95 Resp: 347084

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

176 91.0 0.0 178.8



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

11.13

300000

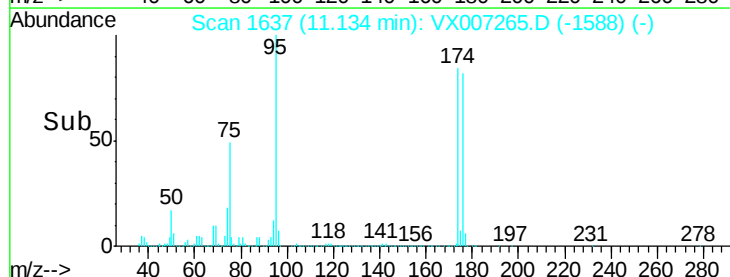
200000

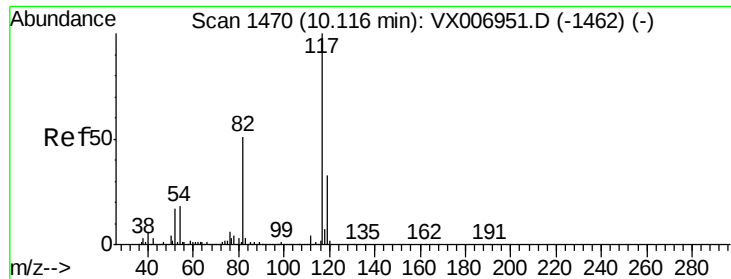
100000

0

Time-->

11.10 11.20

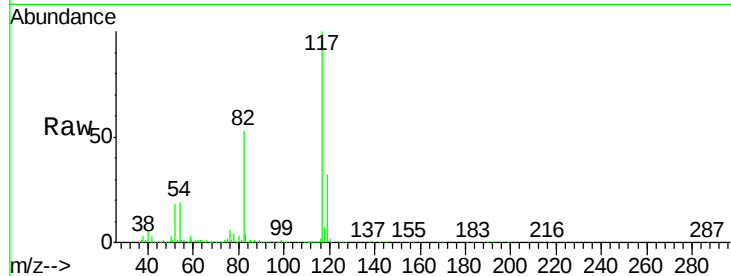




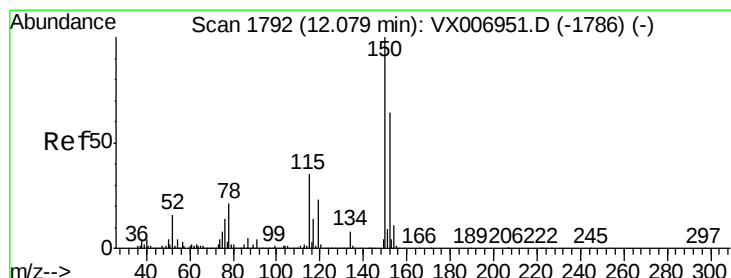
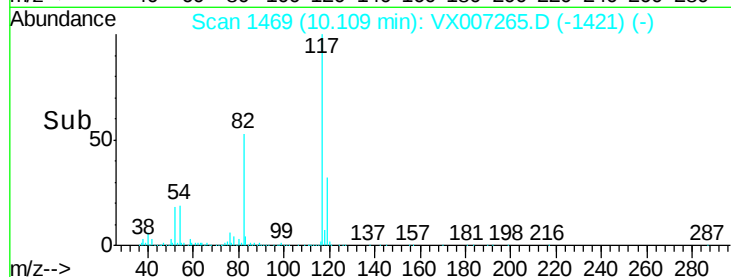
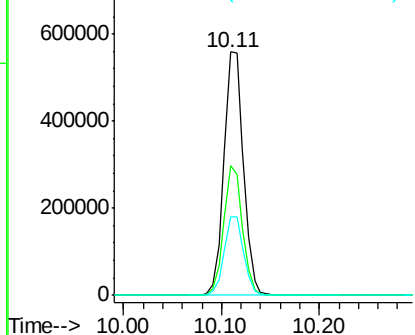
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007265.D
Acq: 28 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampled :
TB

Tot Ion:117 Resp: 773416
Ion Ratio Lower Upper
117 100
82 53.2 41.0 61.6
119 32.0 25.4 38.0

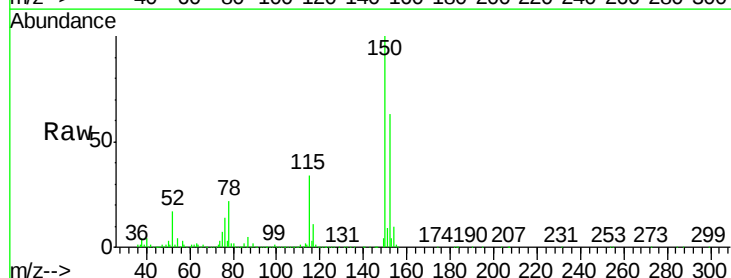


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007265.D
Acq: 28 Jan 2019 17:18

Tgt Ion:152 Resp: 378239
Ion Ratio Lower Upper
152 100
115 54.4 39.1 117.2
150 154.6 0.0 344.8



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

