

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\
 Data File : VX007032.D
 Acq On : 14 Jan 2019 12:03
 Operator : JC/SP
 Sample : VX0114MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114MBL01

Quant Time: Jan 15 00:04:22 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	5.67	168	635285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	967030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	905875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441485	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	334337	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.51	113	299647	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.71	98	1160051	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.13	95	415867	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

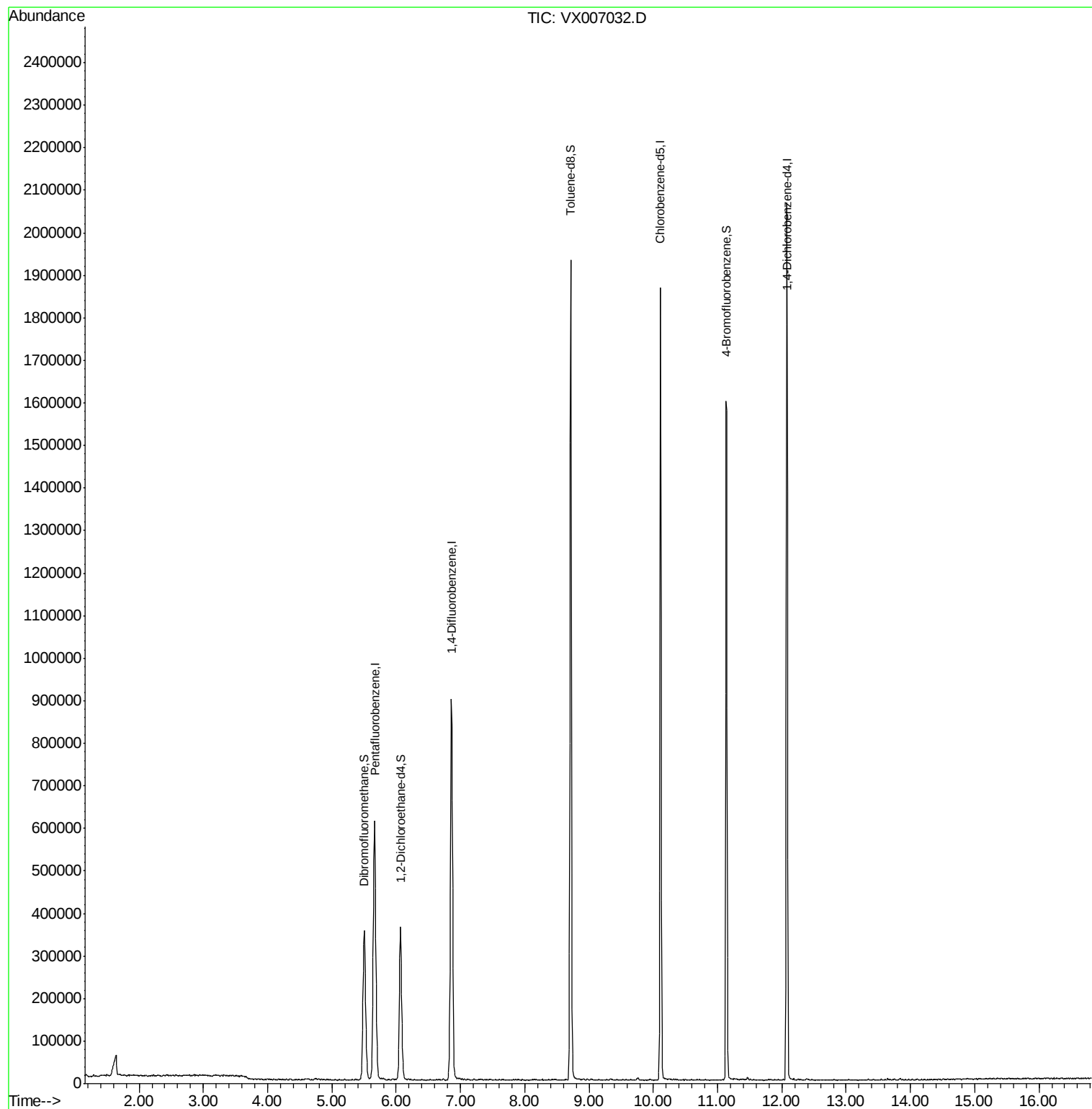
Target Compounds	Qvalue
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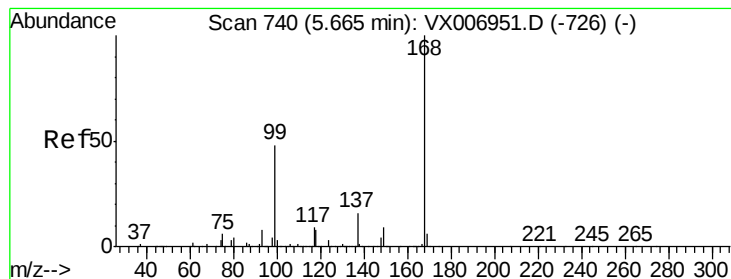
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampled :

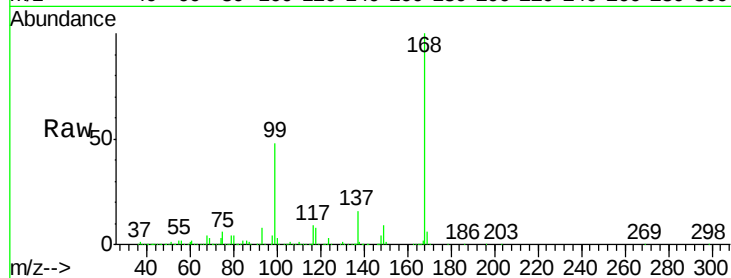
VX0114MBL01

Tot Ion:168 Resp: 635285

Ion Ratio Lower Upper

168 100

99 48.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

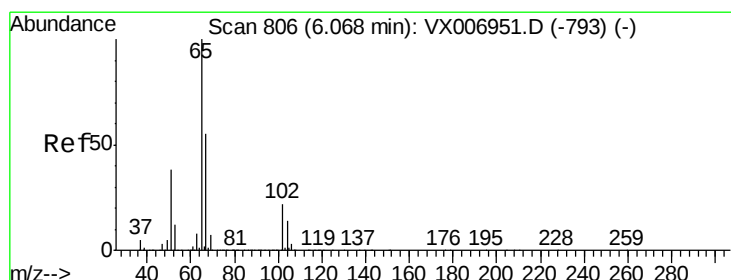
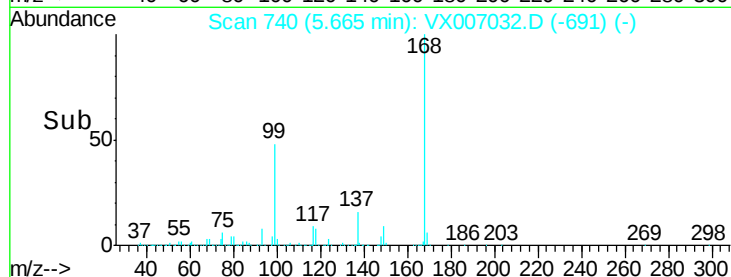
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.357 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007032.D

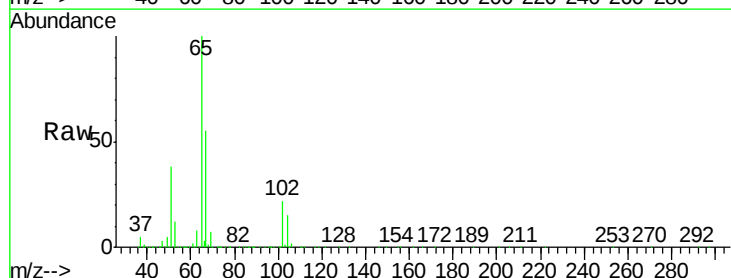
Acq: 14 Jan 2019 12:03

Tgt Ion: 65 Resp: 334337

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

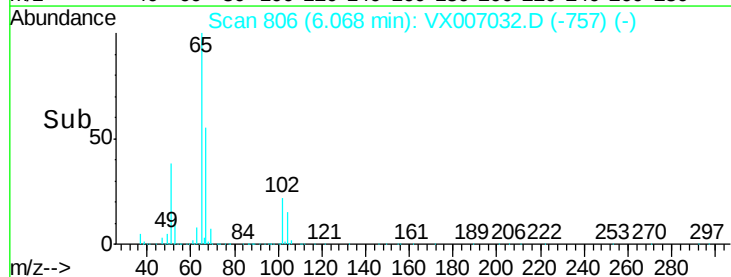
150000

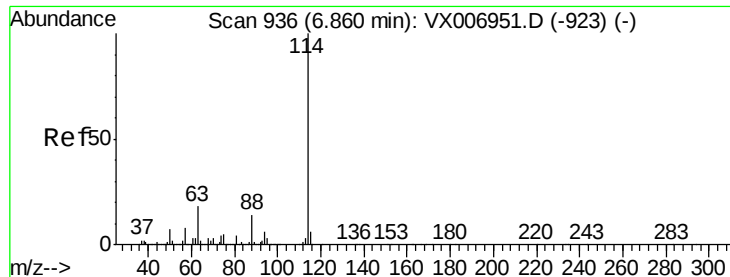
100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0114MBL01

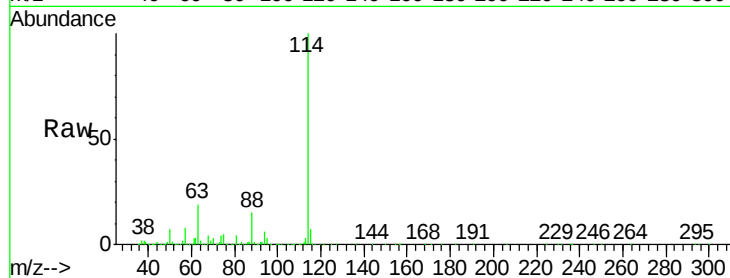
Tot Ion:114 Resp: 967030

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

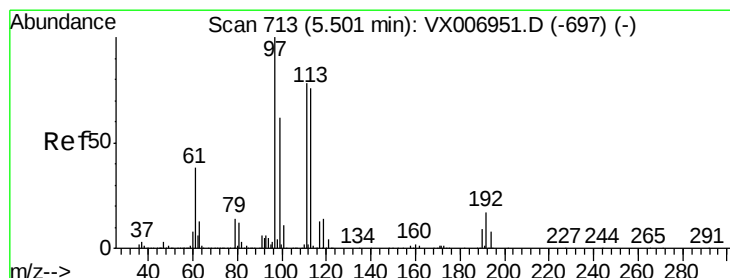
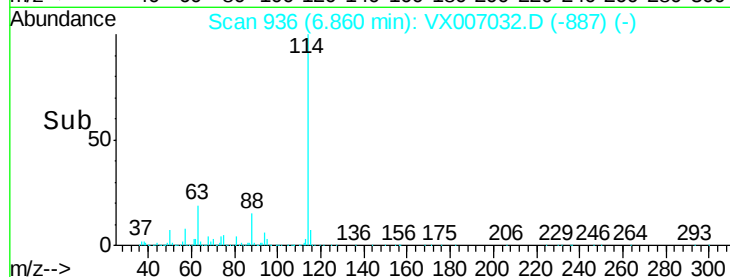
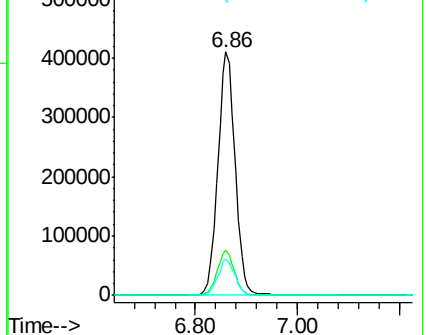
88 14.8 0.0 28.8



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: 48.386 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

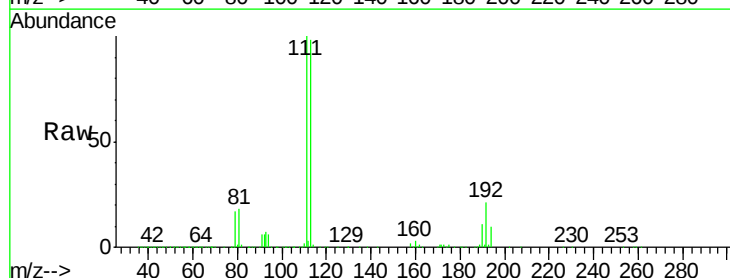
Tgt Ion:113 Resp: 299647

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

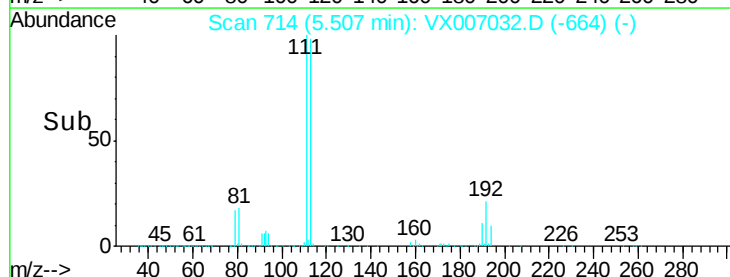
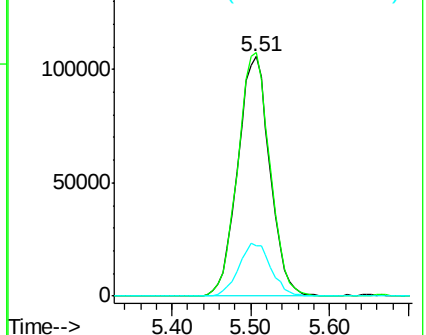
192 22.1 16.7 25.1

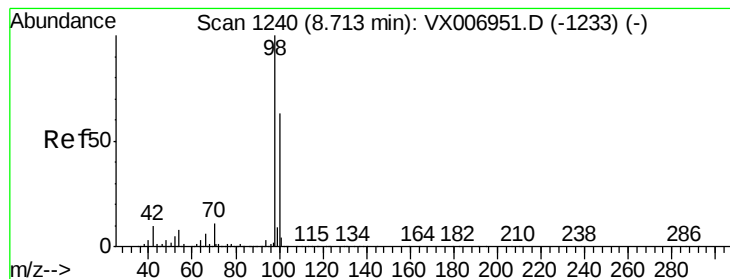


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.177 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

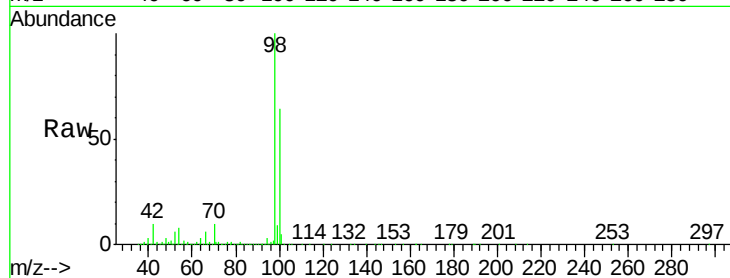
VX0114MBL01

Tot Ion: 98 Resp: 1160051

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

800000

600000

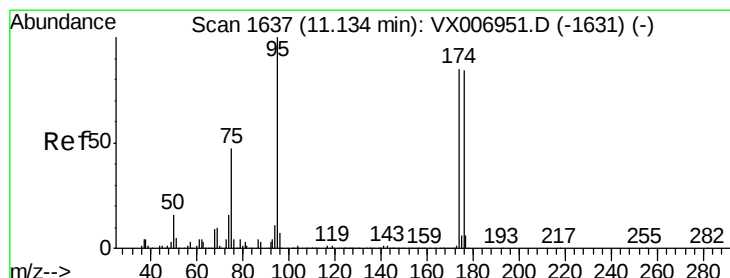
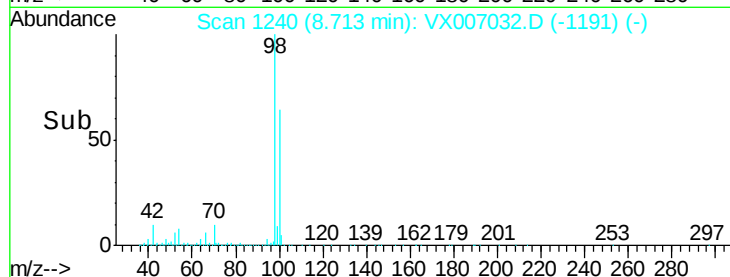
400000

200000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 52.625 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

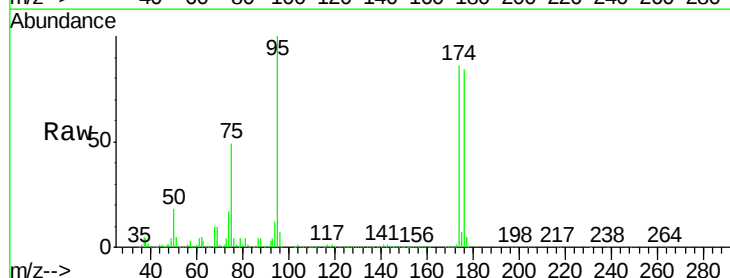
Tgt Ion: 95 Resp: 415867

Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.2

176 90.0 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

400000

300000

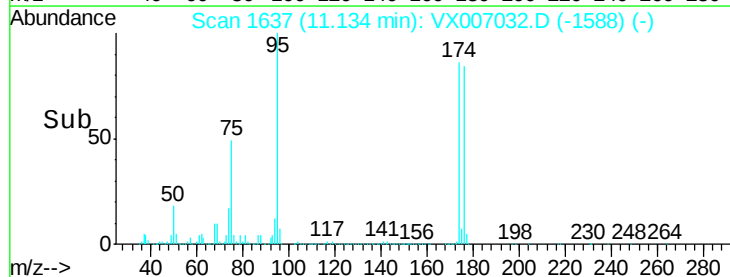
200000

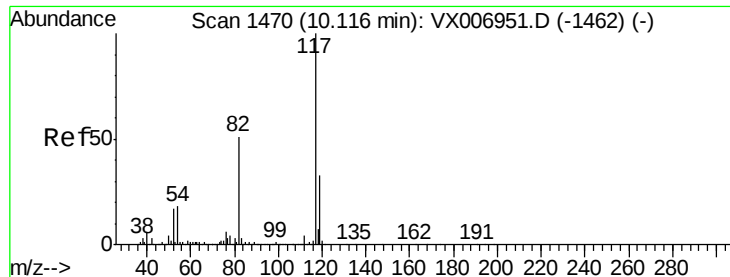
100000

0

11.10 11.20

Time-->

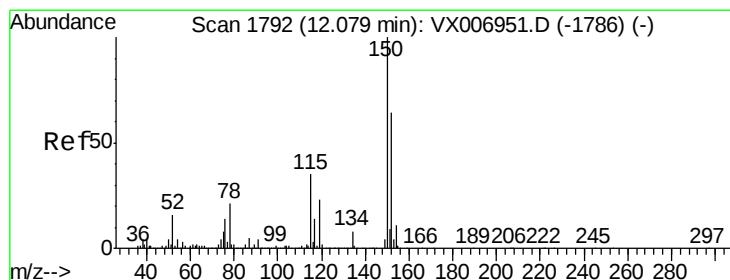
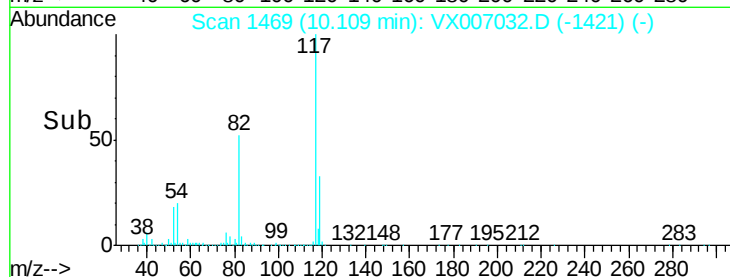
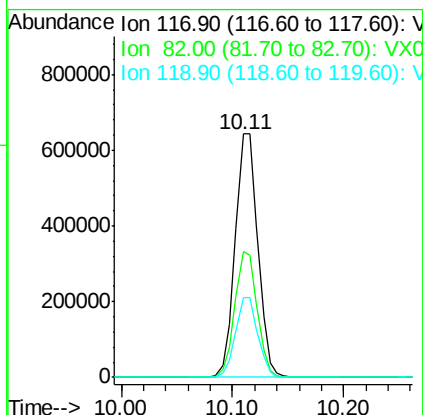
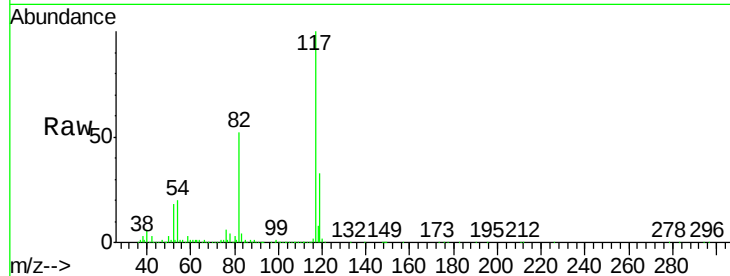




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007032.D
Acq: 14 Jan 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.0	61.6
119	33.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007032.D
Acq: 14 Jan 2019 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.1	117.2
150	158.1	0.0	344.8

