

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008956.D
 Acq On : 15 Apr 2019 12:22
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 16 03:36:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	250594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141484	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	157715	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	
35) Dibromofluoromethane	5.49	113	118015	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
50) Toluene-d8	8.71	98	488675	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.13	95	159988	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	

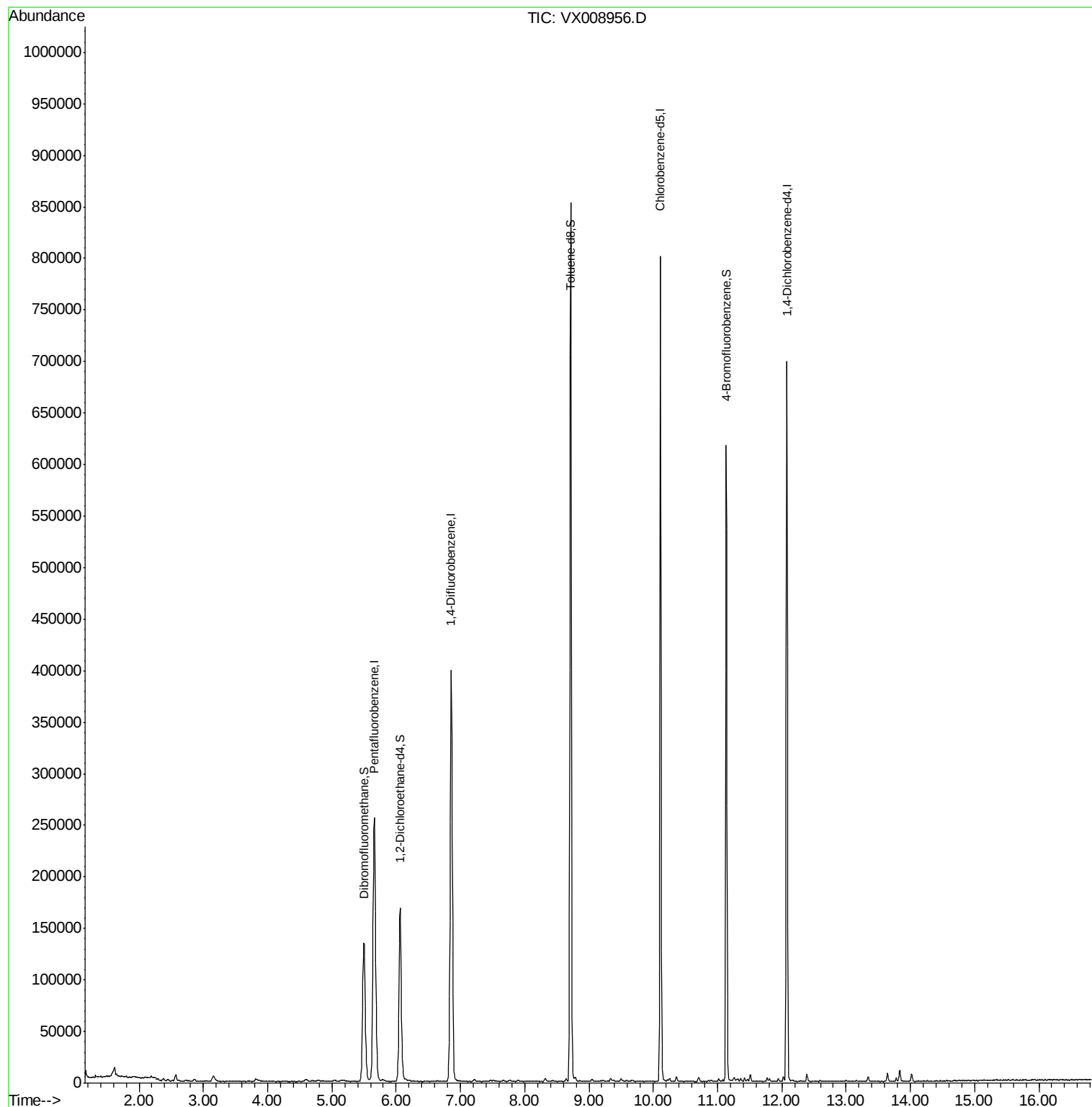
Target Compounds	Qvalue
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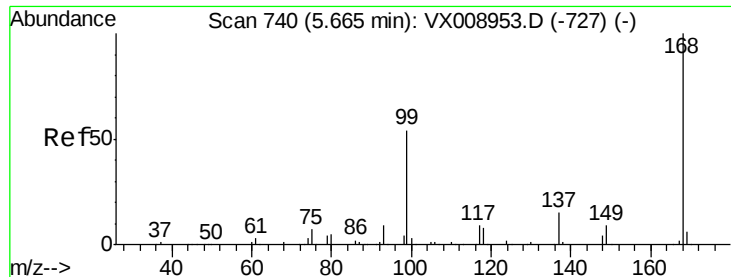
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008956.D

Acq: 15 Apr 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

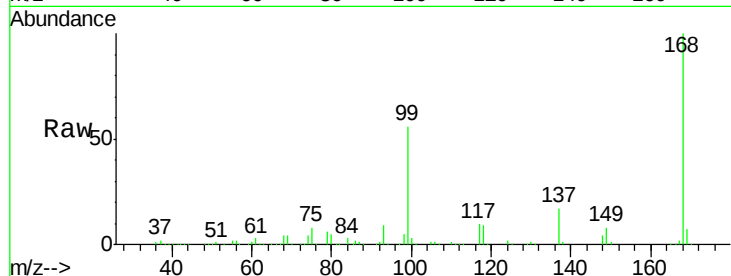
IBLK

Tot Ion:168 Resp: 250594

Ion Ratio Lower Upper

168 100

99 56.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

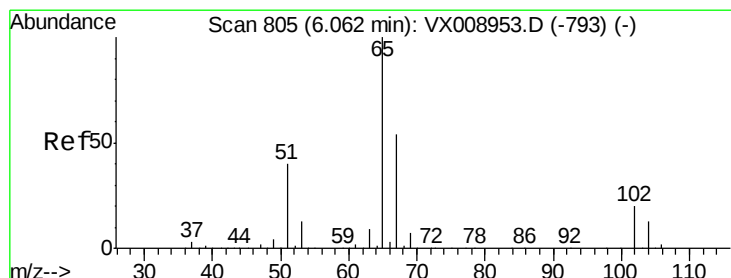
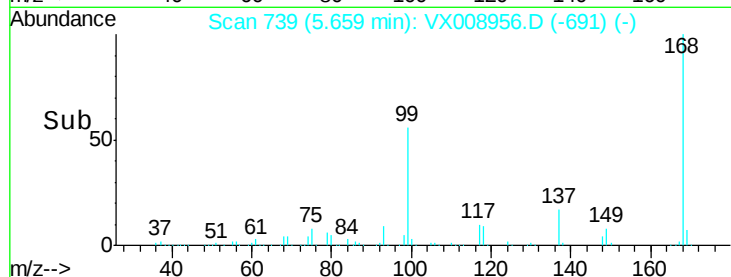
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.658 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008956.D

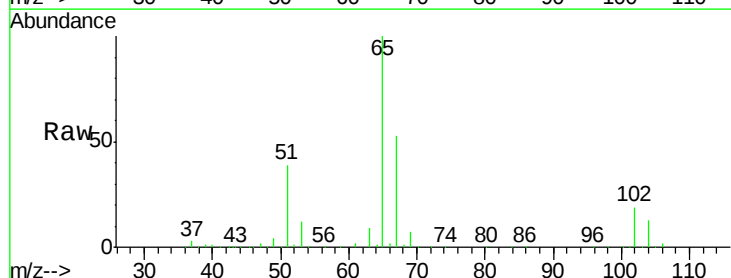
Acq: 15 Apr 2019 12:22

Tgt Ion: 65 Resp: 157715

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

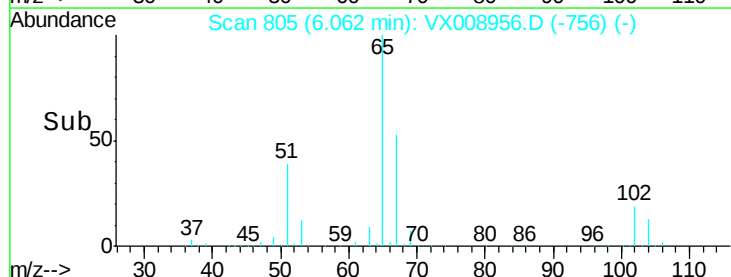
60000

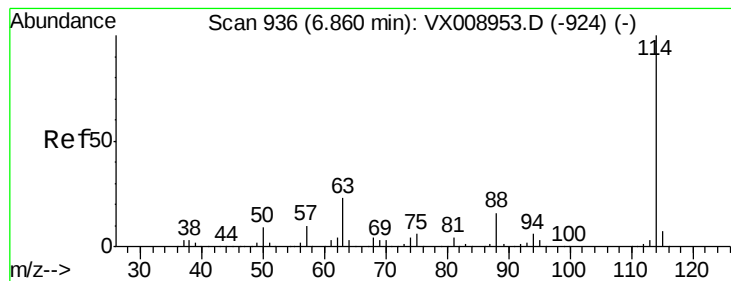
40000

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: VX008956.D

Acq: 15 Apr 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

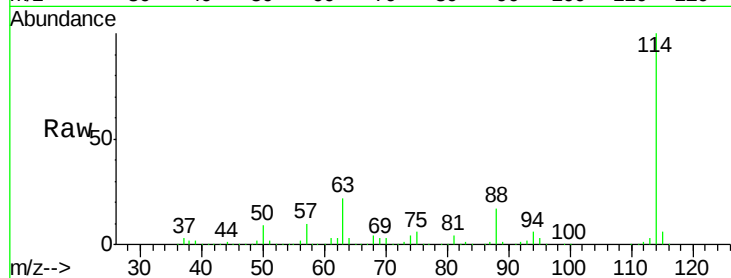
Tot Ion:114 Resp: 393401

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.0

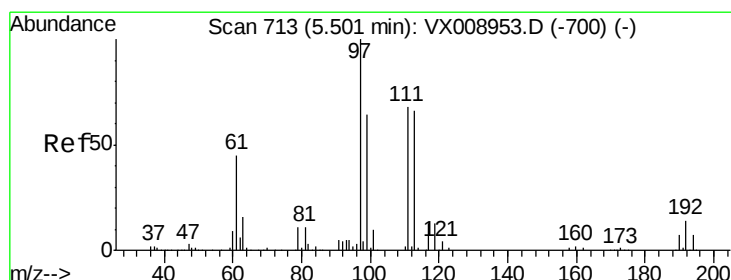
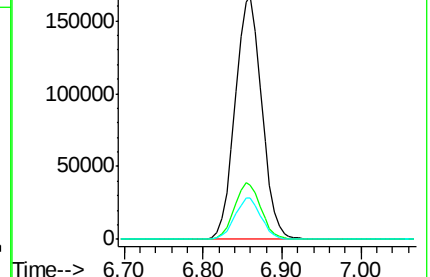
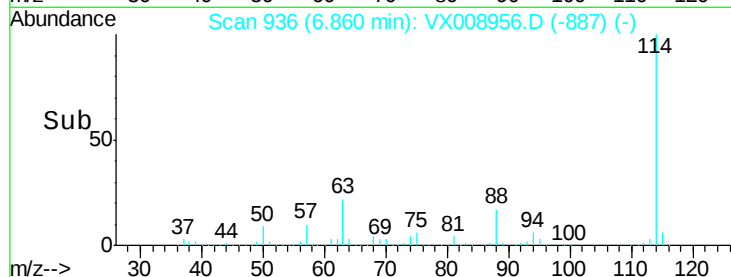
88 17.1 0.0 32.6



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: 46.743 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008956.D

Acq: 15 Apr 2019 12:22

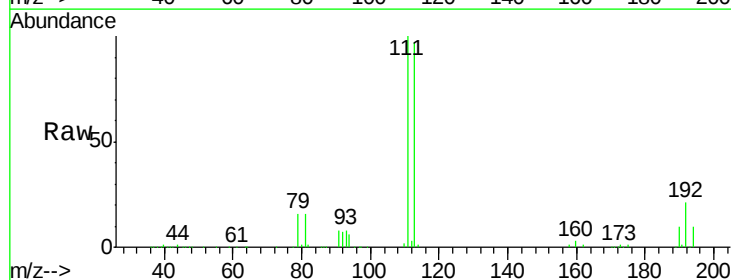
Tgt Ion:113 Resp: 118015

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

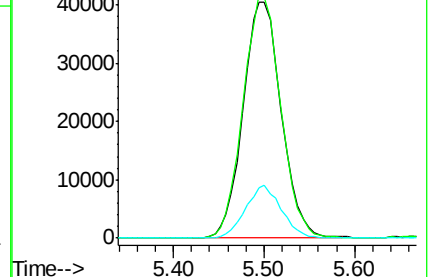
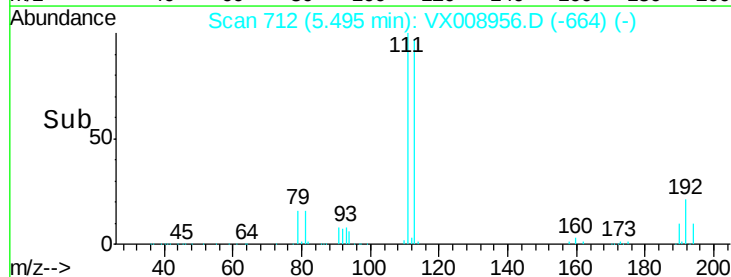
192 21.2 17.4 26.0

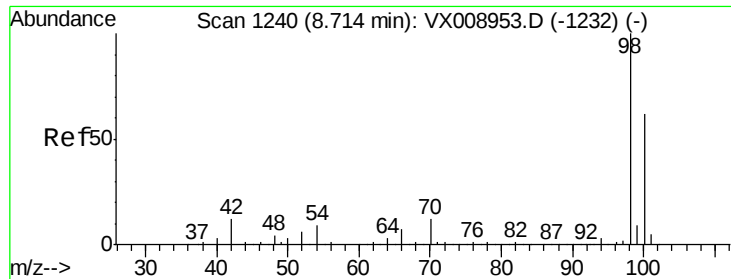


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

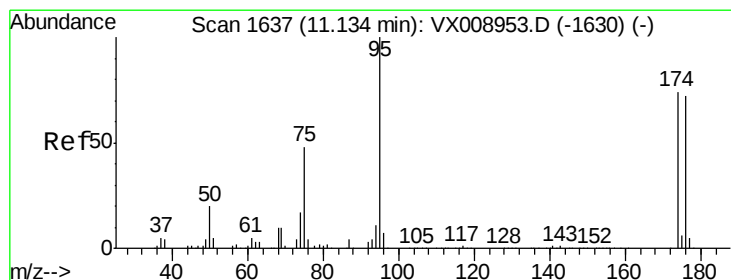
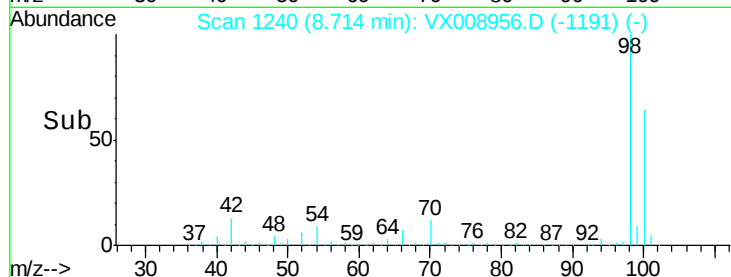
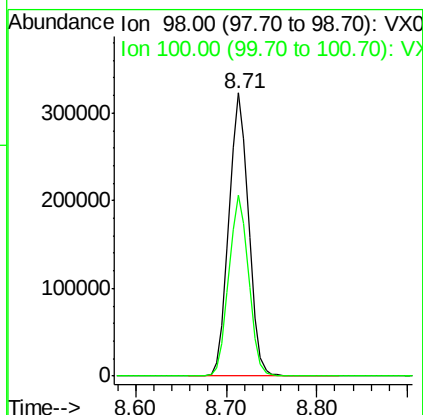
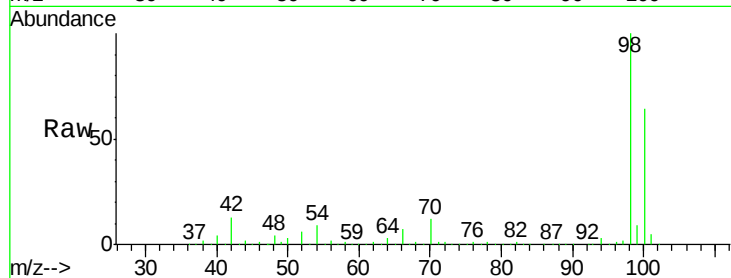




#50
Toluene-d8
Concen: 48.533 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008956.D
Acq: 15 Apr 2019 12:22

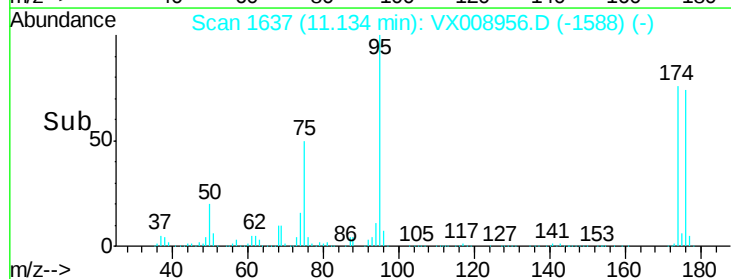
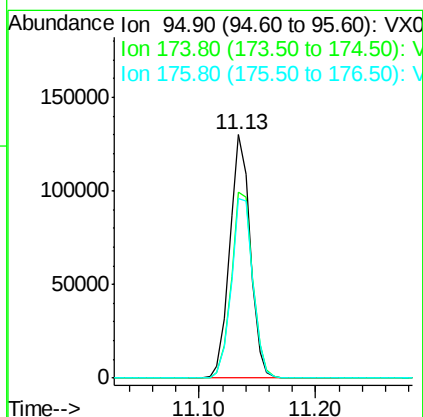
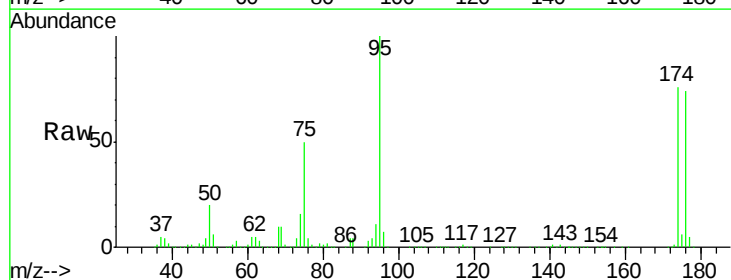
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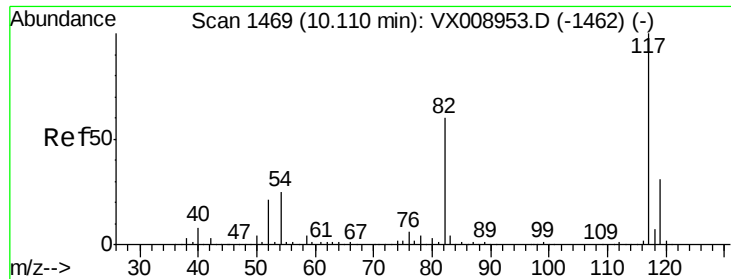
Tot Ion: 98 Resp: 488675
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 45.012 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008956.D
Acq: 15 Apr 2019 12:22

Tgt Ion: 95 Resp: 159988
Ion Ratio Lower Upper
95 100
174 79.9 0.0 159.6
176 77.5 0.0 154.8

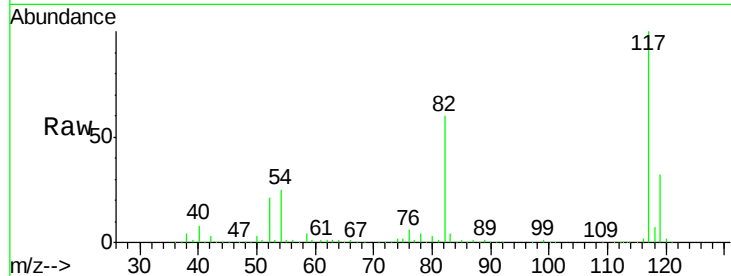




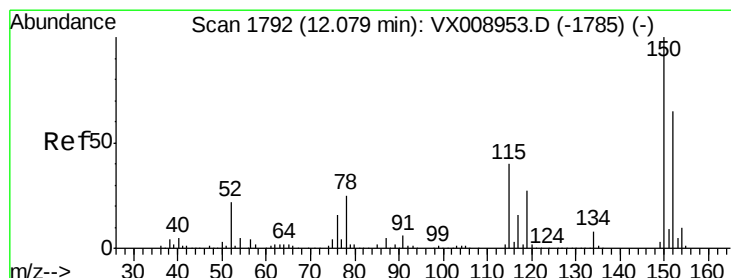
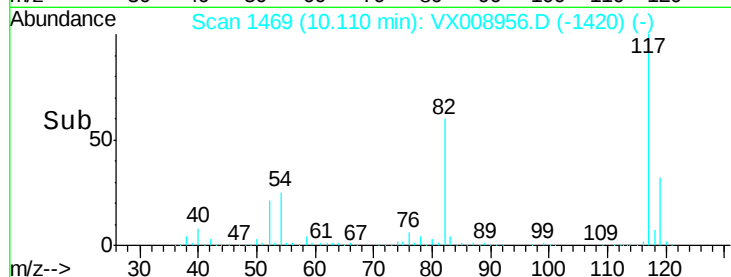
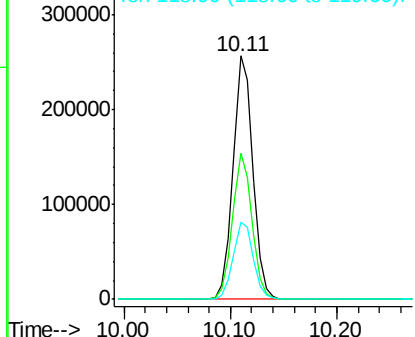
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008956.D
Acq: 15 Apr 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion:117 Resp: 335404
Ion Ratio Lower Upper
117 100
82 60.0 48.2 72.4
119 31.7 25.0 37.6

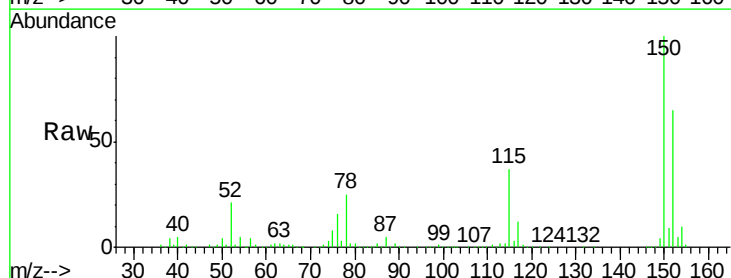


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008956.D
Acq: 15 Apr 2019 12:22

Tgt Ion:152 Resp: 141484
Ion Ratio Lower Upper
152 100
115 59.5 41.4 124.2
150 157.3 0.0 349.8



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

