

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009005.D
 Acq On : 17 Apr 2019 10:28
 Operator : JC/SP
 Sample : VX0417MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBL01

Quant Time: Apr 18 01:48:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	234983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	372884	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136706	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	150192	45.35	ug/l	0.00
Spiked Amount			Recovery	=	90.70%	
35) Dibromofluoromethane	5.49	113	112029	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
50) Toluene-d8	8.71	98	460438	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.13	95	153041	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	

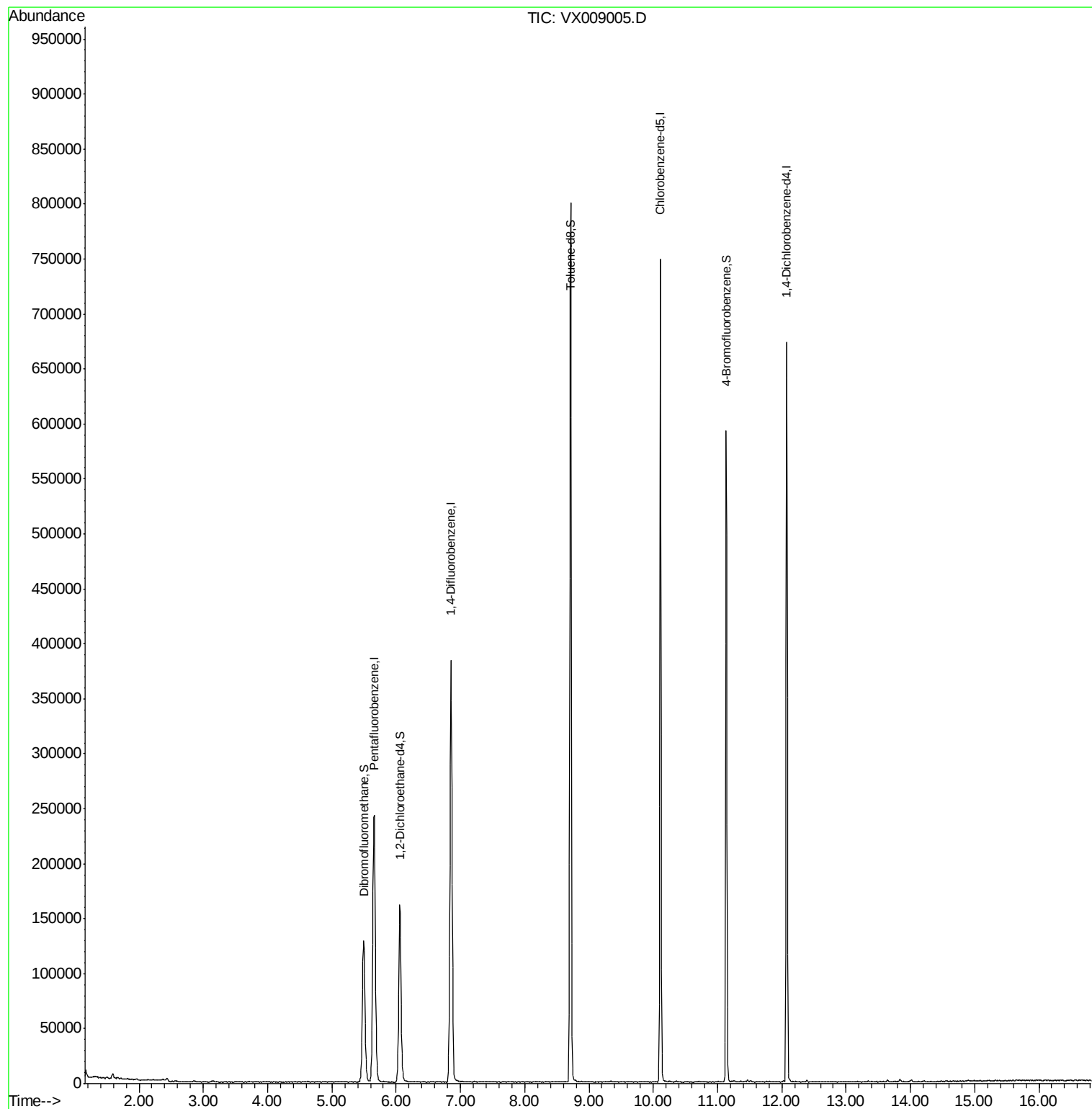
Target Compounds	Qvalue
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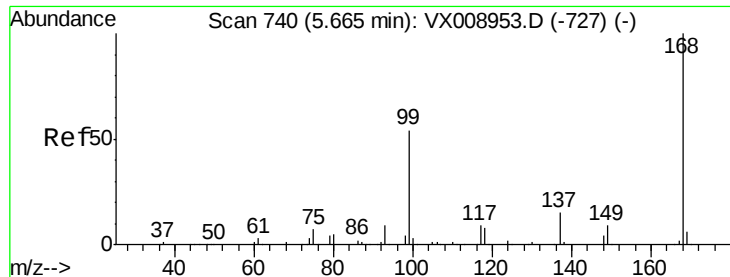
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009005.D

Acq: 17 Apr 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

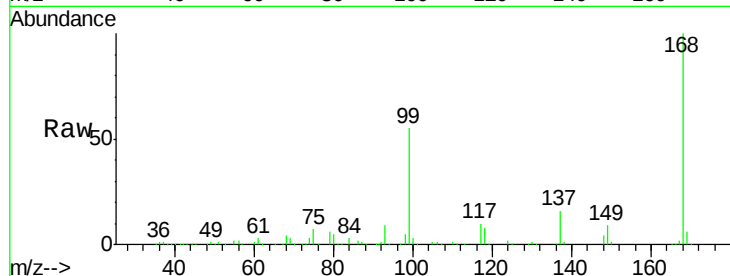
VX0417MBL01

Tot Ion:168 Resp: 234983

Ion Ratio Lower Upper

168 100

99 54.8 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

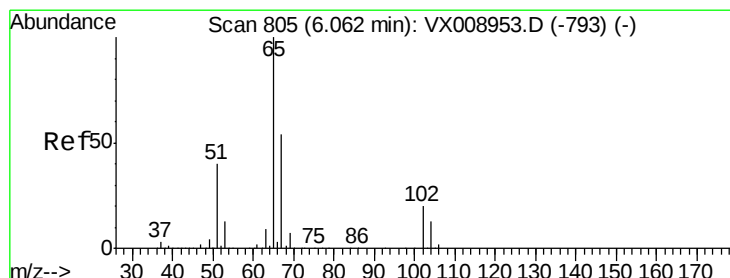
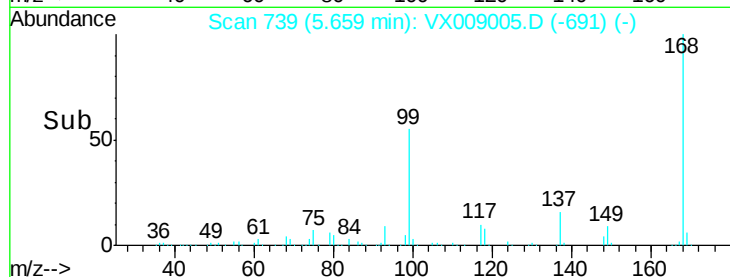
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.354 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009005.D

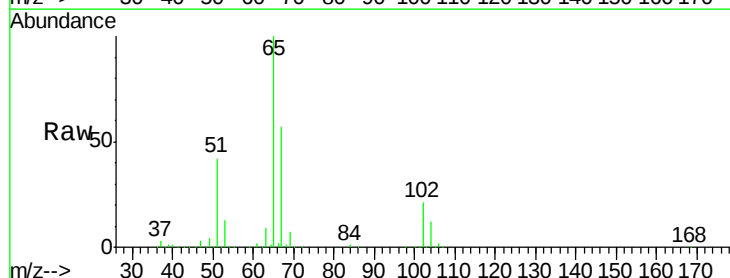
Acq: 17 Apr 2019 10:28

Tgt Ion: 65 Resp: 150192

Ion Ratio Lower Upper

65 100

67 54.5 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

50000

40000

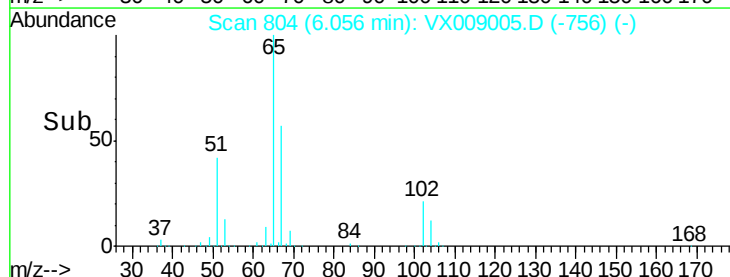
30000

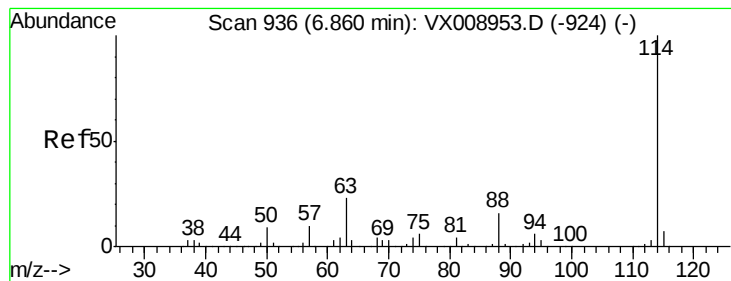
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009005.D

Acq: 17 Apr 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBL01

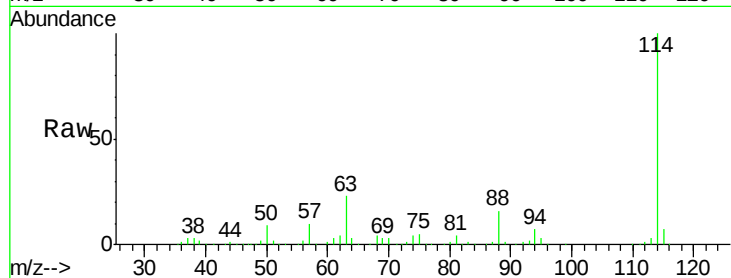
Tot Ion:114 Resp: 372884

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.0

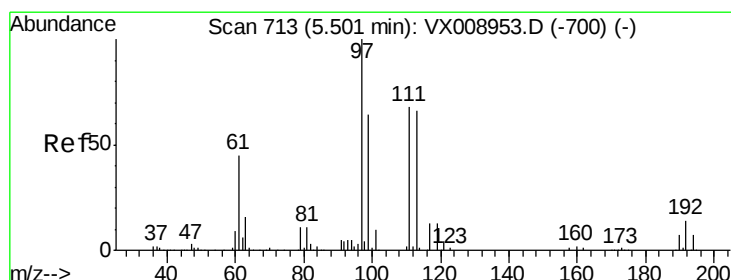
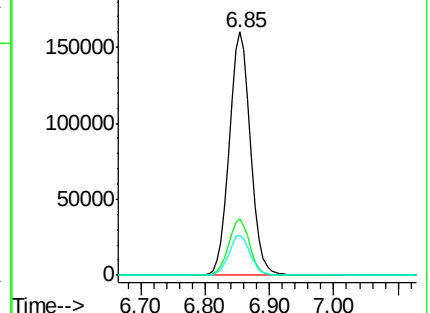
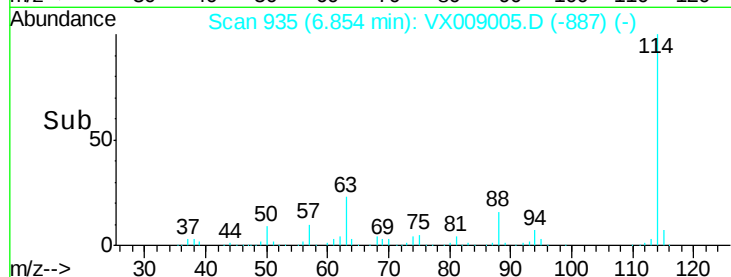
88 16.4 0.0 32.6



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: 46.814 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009005.D

Acq: 17 Apr 2019 10:28

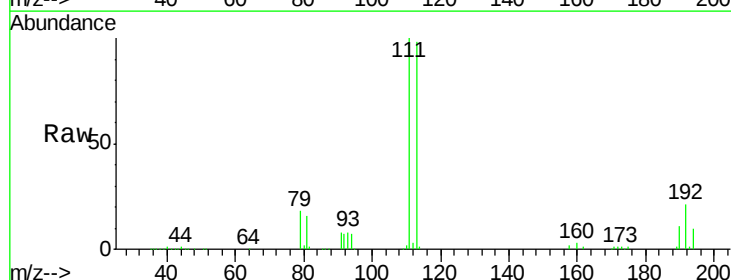
Tgt Ion:113 Resp: 112029

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

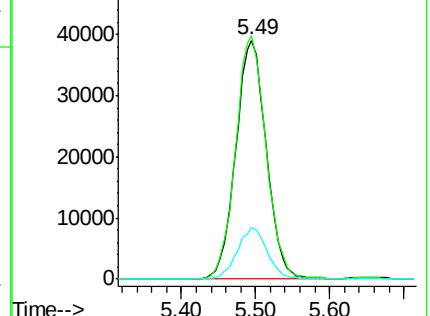
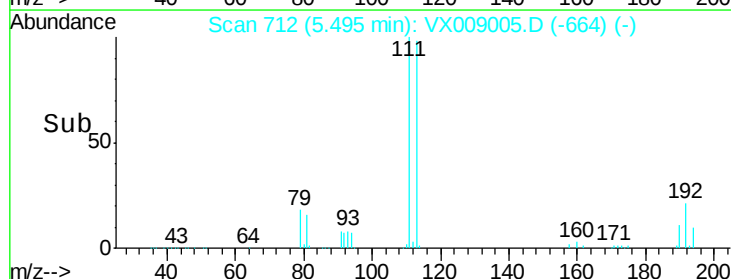
192 21.2 17.4 26.0

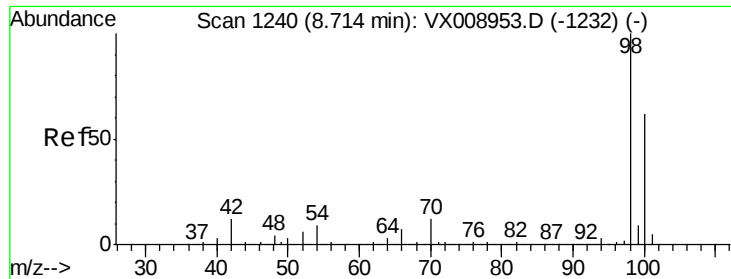


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

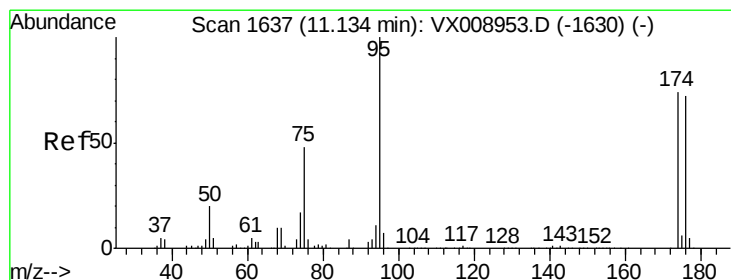
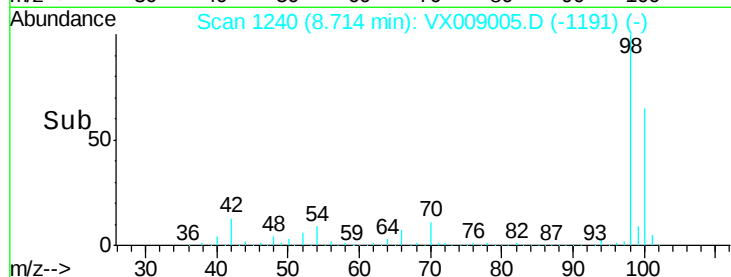
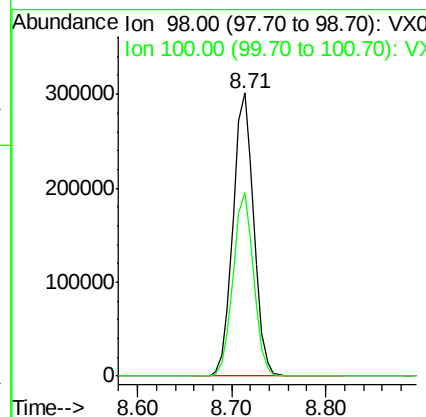
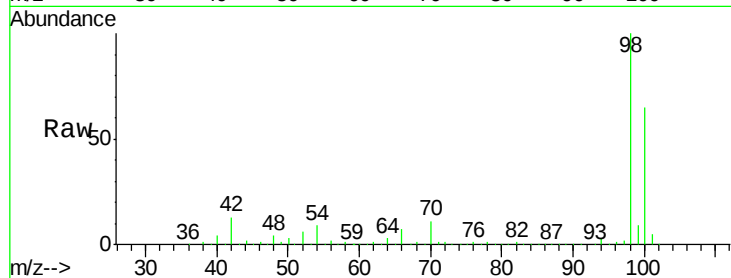




#50
Toluene-d8
Concen: 48.245 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009005.D
Acq: 17 Apr 2019 10:28

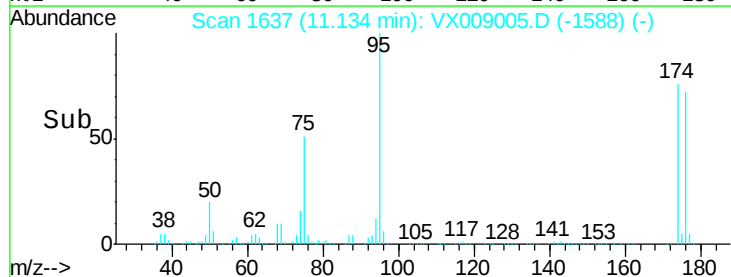
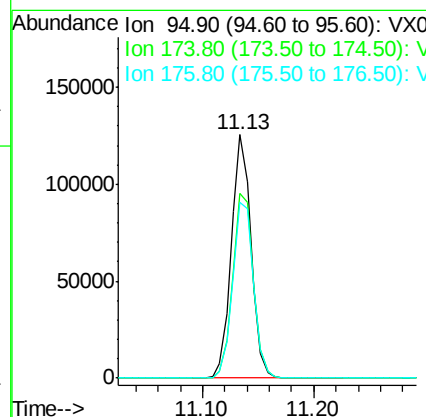
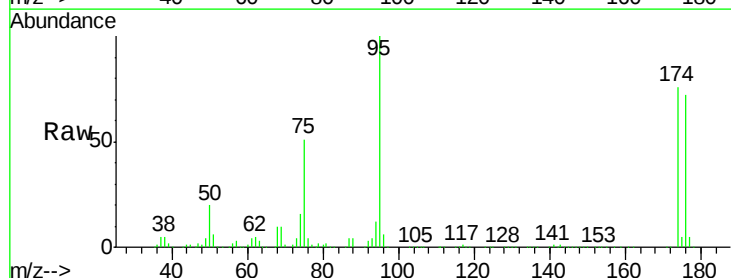
Instrument :
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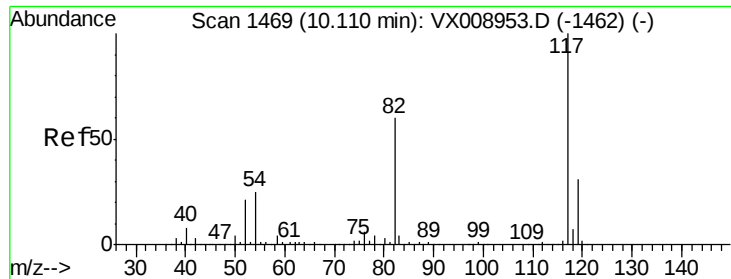
Tot Ion: 98 Resp: 460438
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 45.427 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009005.D
Acq: 17 Apr 2019 10:28

Tgt Ion: 95 Resp: 153041
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.6
176 76.5 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: VX009005.D

Acq: 17 Apr 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBL01

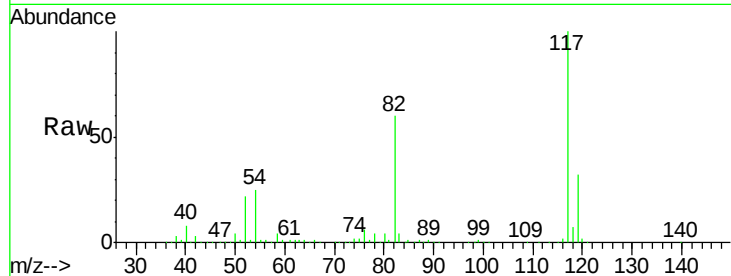
Tot Ion:117 Resp: 317991

Ion Ratio Lower Upper

117 100

82 59.8 48.2 72.4

119 32.3 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

300000

250000

200000

150000

100000

50000

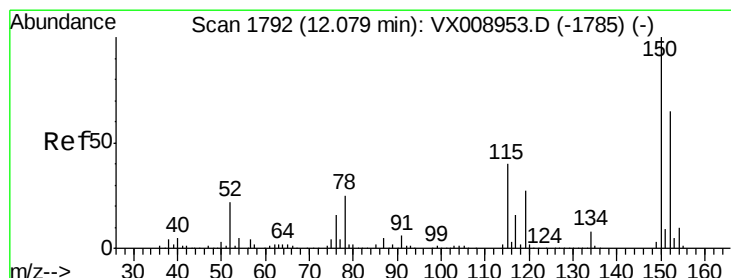
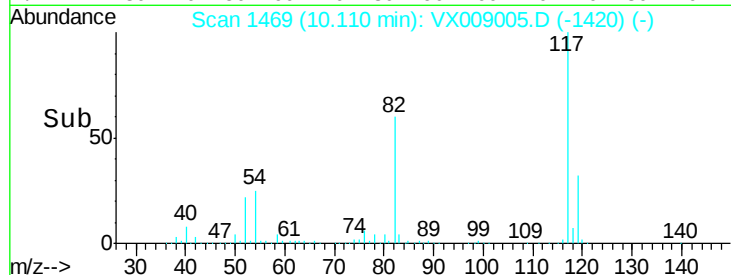
0

10.11

10.10

10.20

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009005.D

Acq: 17 Apr 2019 10:28

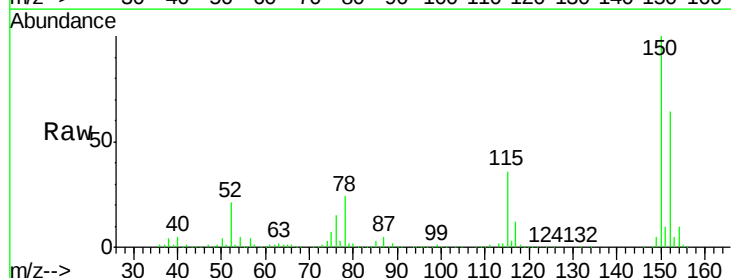
Tgt Ion:152 Resp: 136706

Ion Ratio Lower Upper

152 100

115 59.1 41.4 124.2

150 157.8 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

200000

150000

100000

50000

0

12.08

12.05

12.10

12.15

Time-->

