

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000161.D
 Acq On : 28 Feb 2018 11:53
 Operator : JC/MD
 Sample : VX0228WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBL01

Quant Time: Mar 01 06:44:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	123778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	196526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	90953	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	75599	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	5.51	113	57313	46.21	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.42%	
50) Toluene-d8	8.72	98	236339	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.15	95	83723	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	

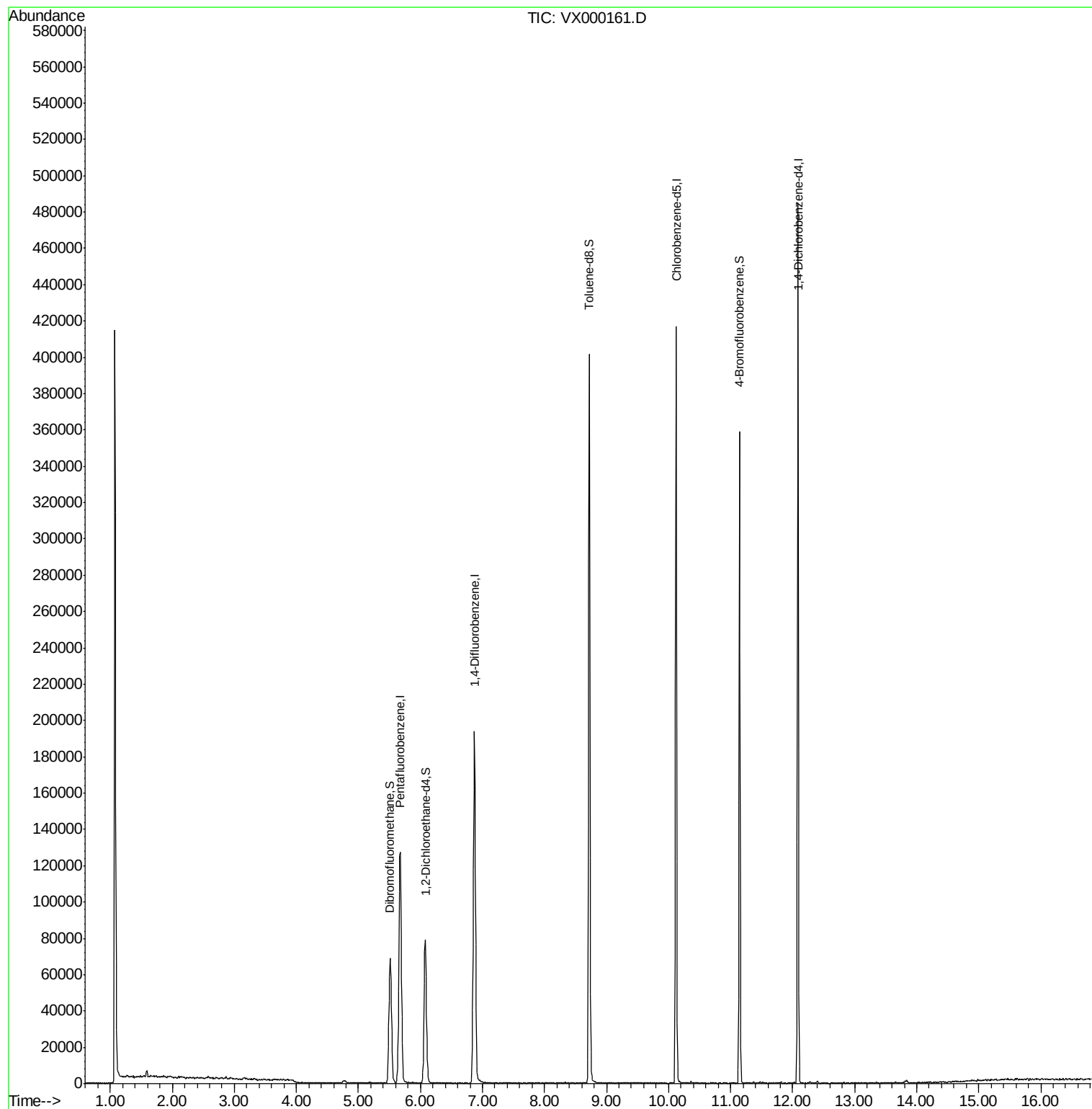
Target Compounds	Qvalue

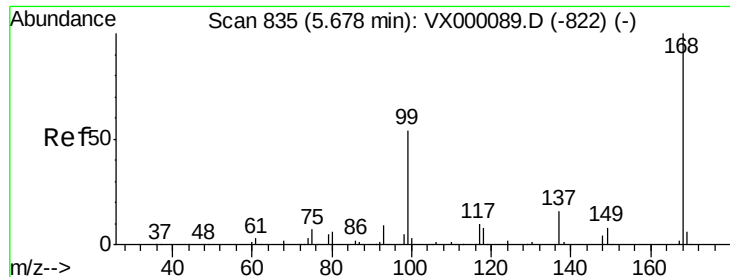
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000161.D

Acq: 28 Feb 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

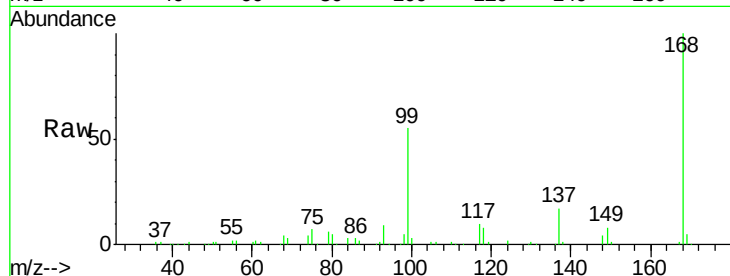
VX0228WBL01

Tot Ion:168 Resp: 123778

Ion Ratio Lower Upper

168 100

99 55.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

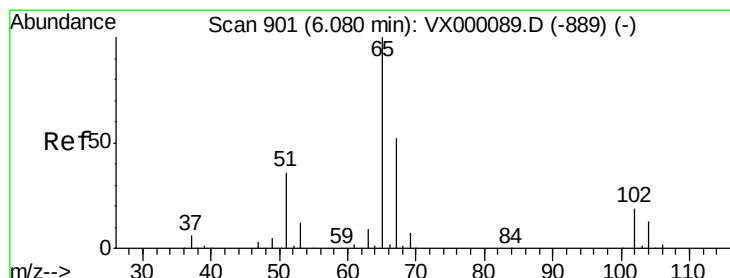
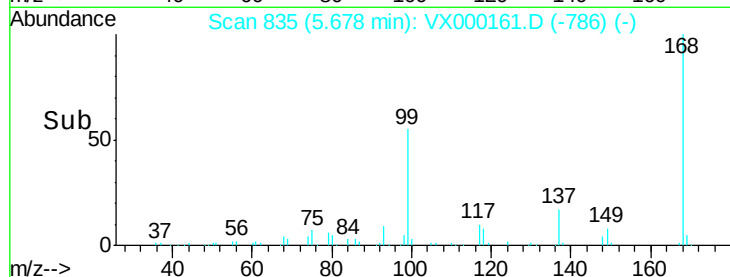
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.91 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000161.D

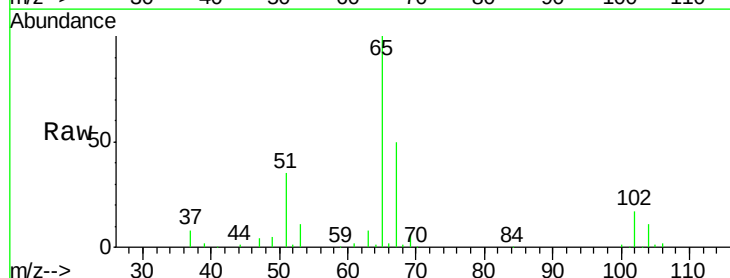
Acq: 28 Feb 2018 11:53

Tgt Ion: 65 Resp: 75599

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

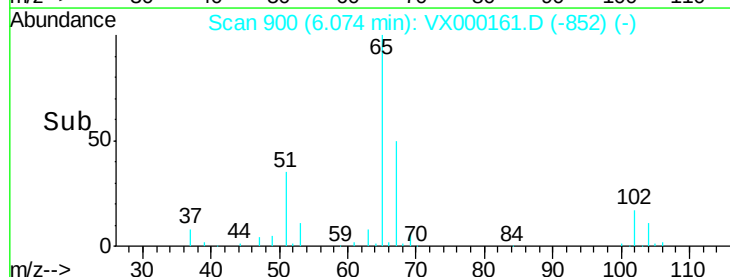
30000

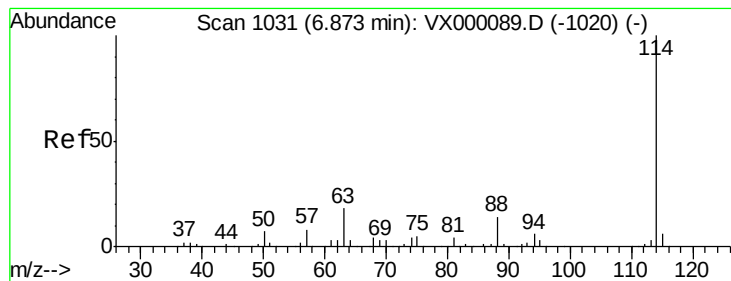
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000161.D

Acq: 28 Feb 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBL01

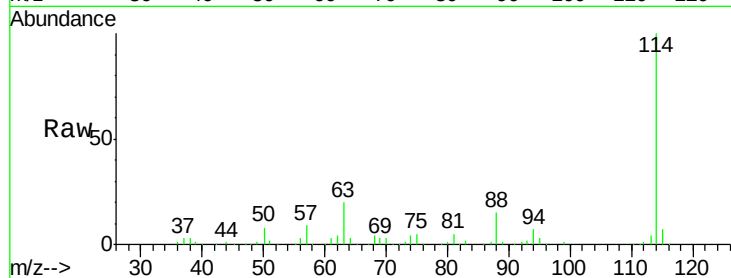
Tot Ion:114 Resp: 196526

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

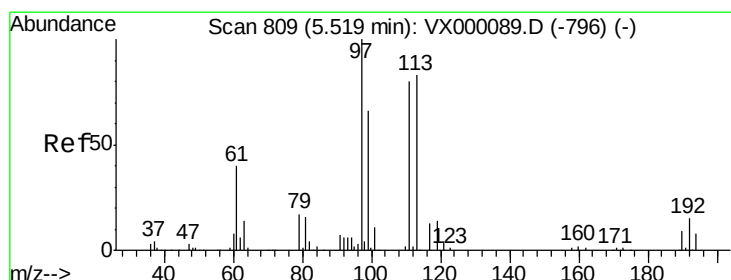
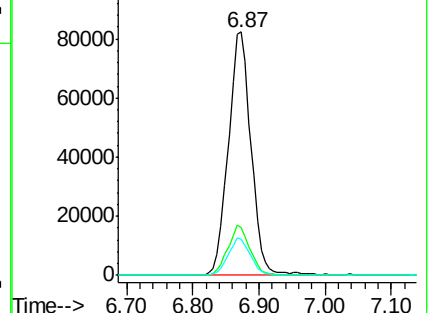
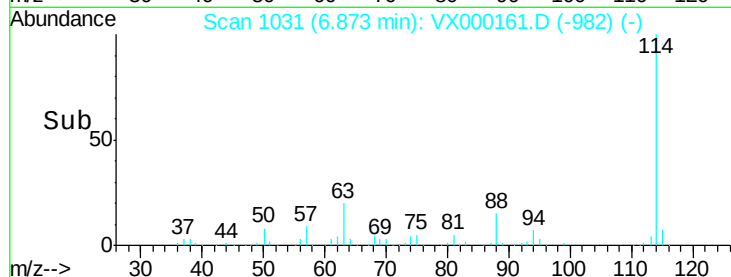
88 15.1 0.0 29.0



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: 46.21 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000161.D

Acq: 28 Feb 2018 11:53

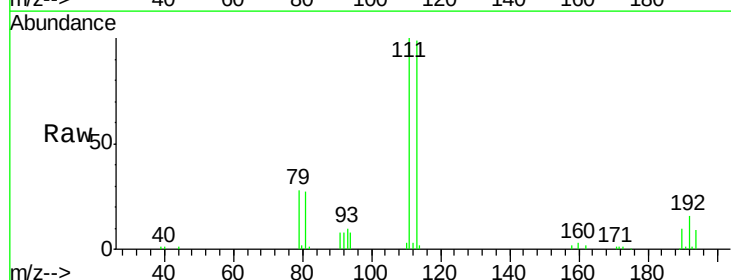
Tgt Ion:113 Resp: 57313

Ion Ratio Lower Upper

113 100

111 101.5 81.0 121.6

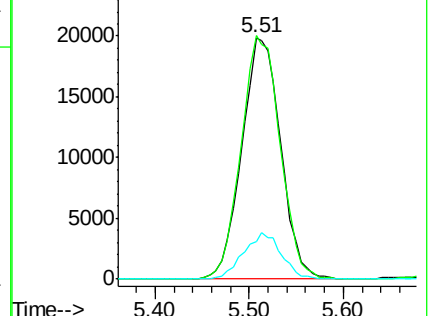
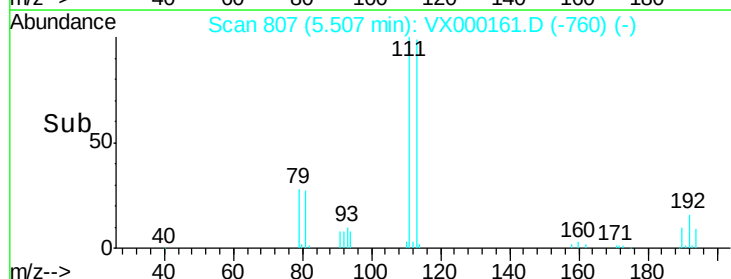
192 18.6 15.7 23.5

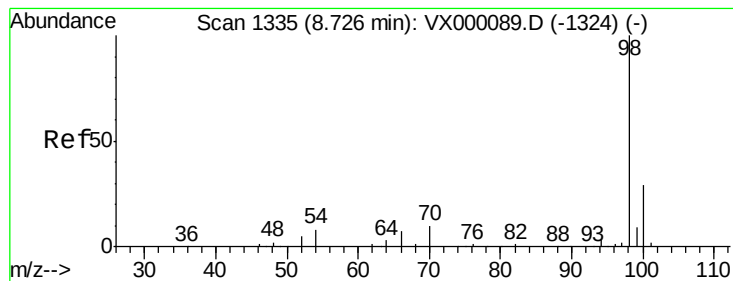


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.30 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000161.D

Acq: 28 Feb 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

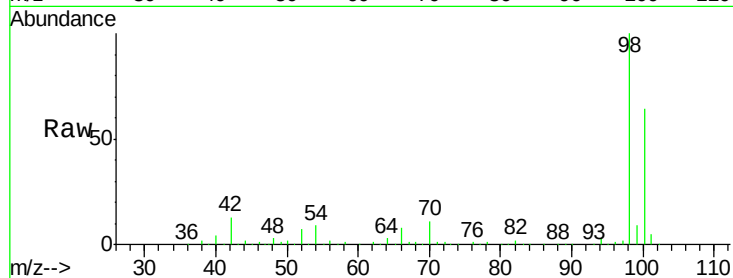
VX0228WBL01

Tot Ion: 98 Resp: 236339

Ion Ratio Lower Upper

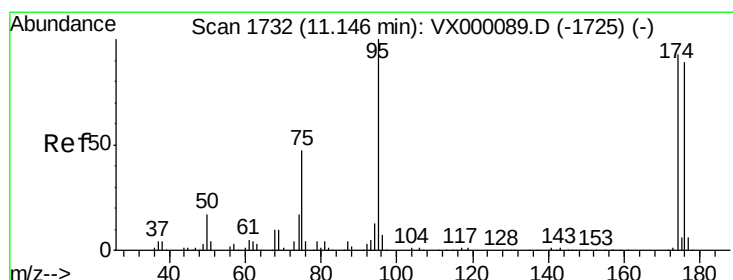
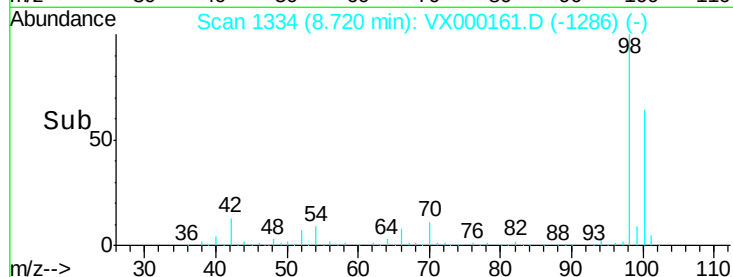
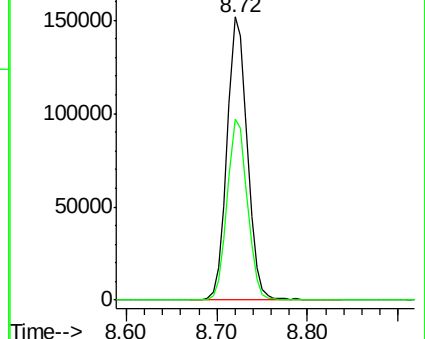
98 100

100 63.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.64 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000161.D

Acq: 28 Feb 2018 11:53

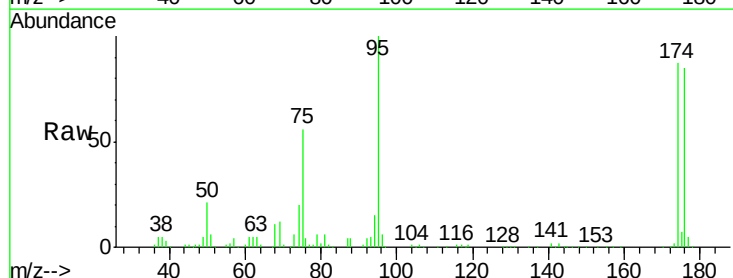
Tgt Ion: 95 Resp: 83723

Ion Ratio Lower Upper

95 100

174 83.2 0.0 187.8

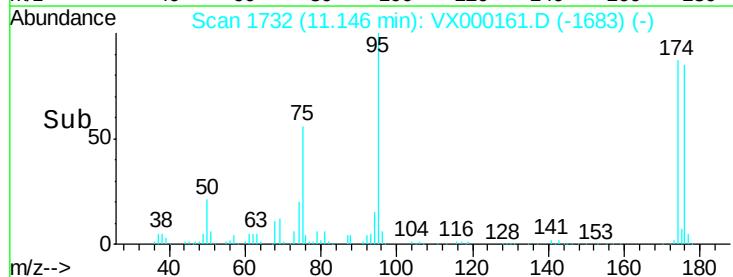
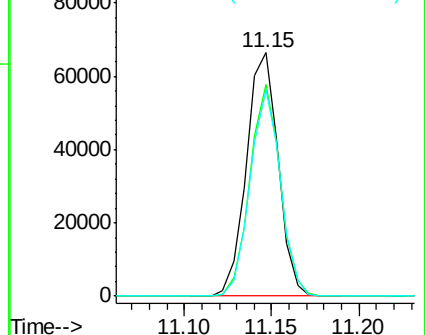
176 81.5 0.0 181.2

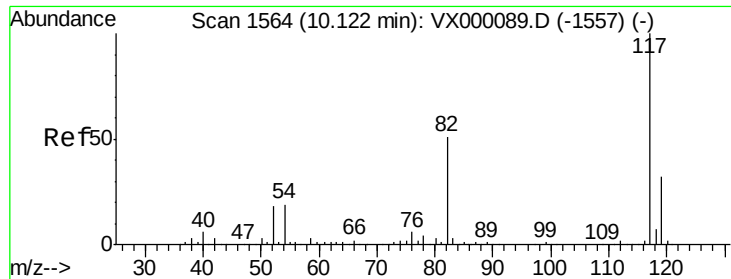


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000161.D

Acq: 28 Feb 2018 11:53

Instrument :

MSVOA_X

ClientSampled :

VX0228WBL01

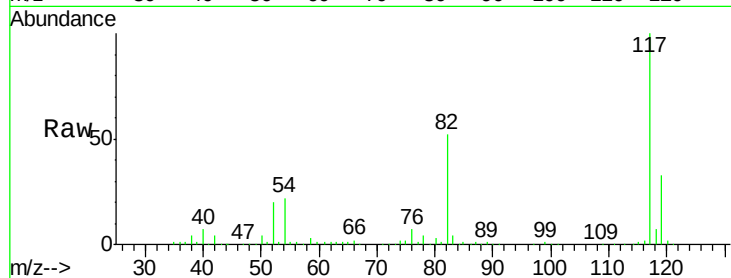
Tot Ion:117 Resp: 179935

Ion Ratio Lower Upper

117 100

82 52.3 41.0 61.6

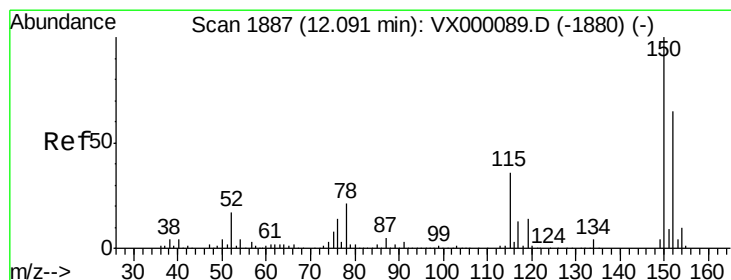
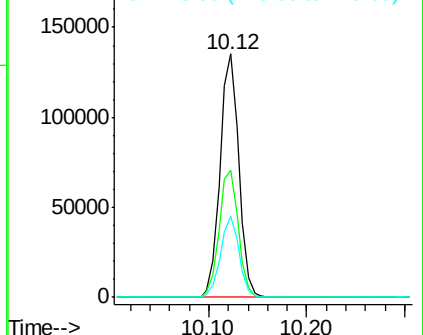
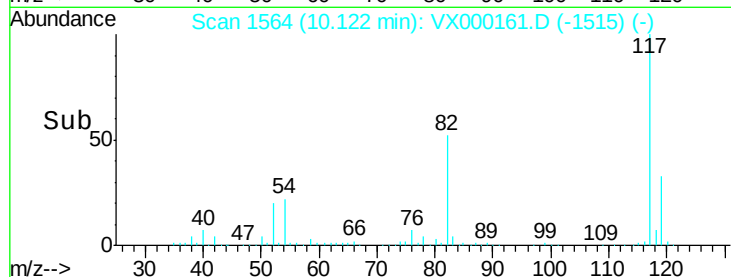
119 33.1 25.5 38.3



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000161.D

Acq: 28 Feb 2018 11:53

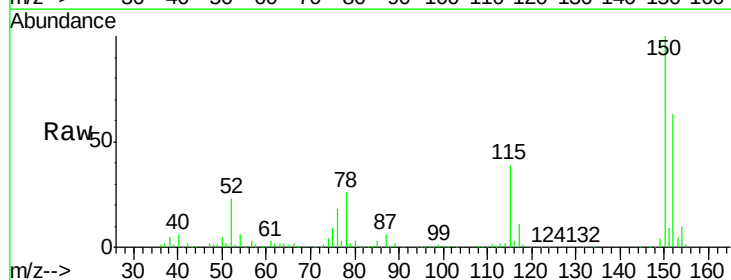
Tgt Ion:152 Resp: 90953

Ion Ratio Lower Upper

152 100

115 59.9 39.1 117.2

150 157.6 0.0 348.2



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

