

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020119\
 Data File : VX007340.D
 Acq On : 01 Feb 2019 16:53
 Operator : JC/SP
 Sample : K1314-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Feb 02 03:53:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	502293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	779402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	748186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	372935	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	276952	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
35) Dibromofluoromethane	5.51	113	245854	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	939217	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	343658	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	

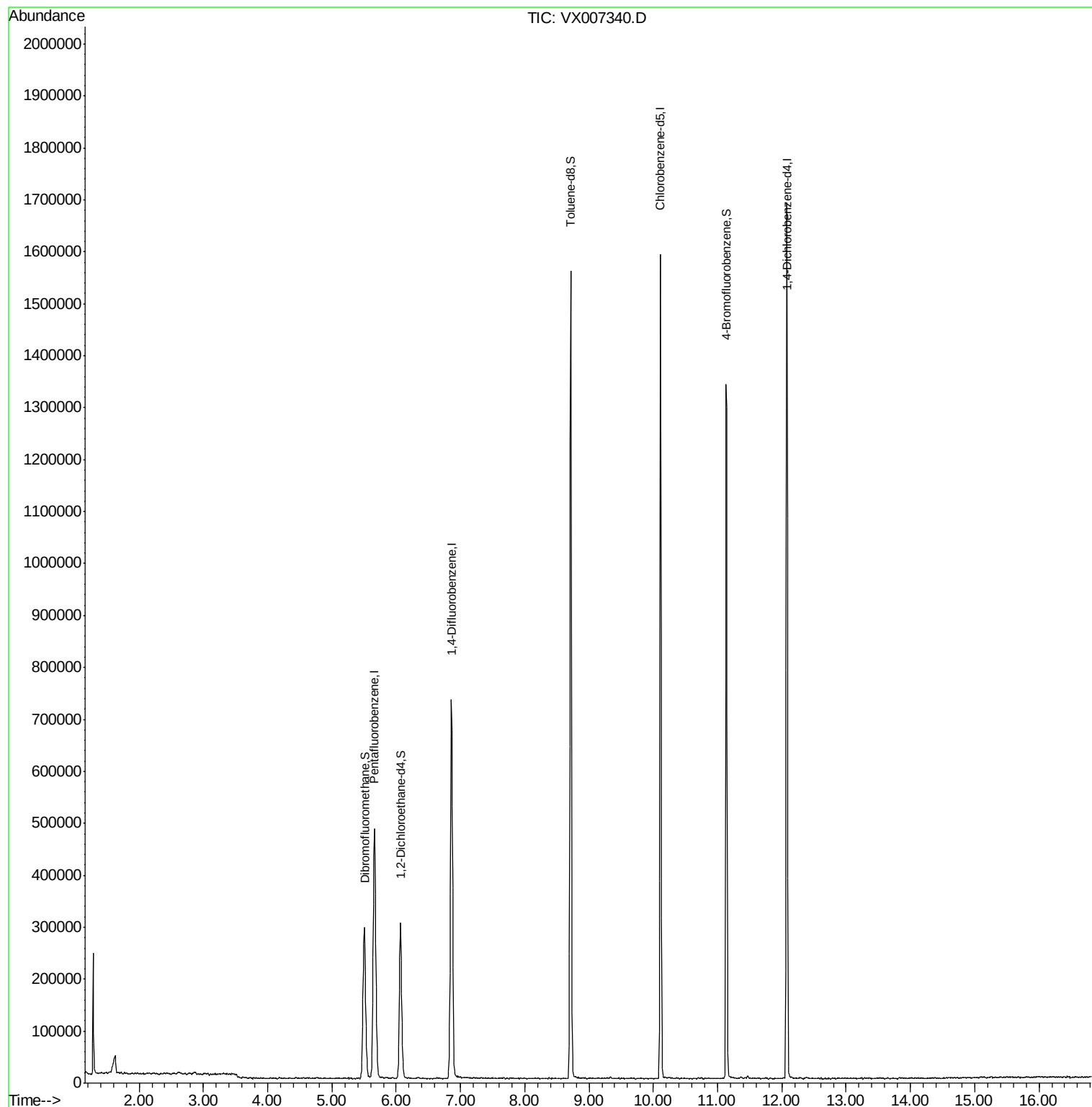
Target Compounds	Qvalue
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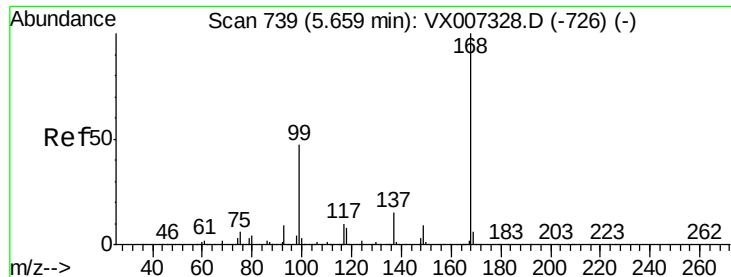
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007340.D

Acq: 01 Feb 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

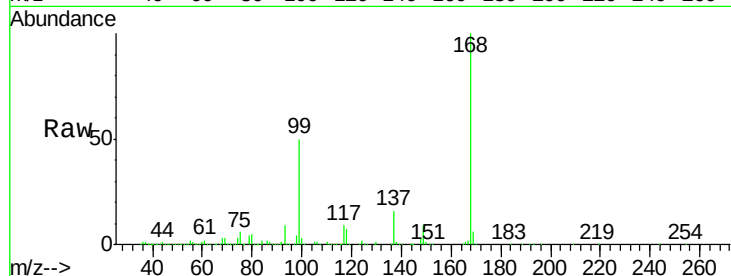
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 502293

Ion Ratio Lower Upper

168 100

99 49.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

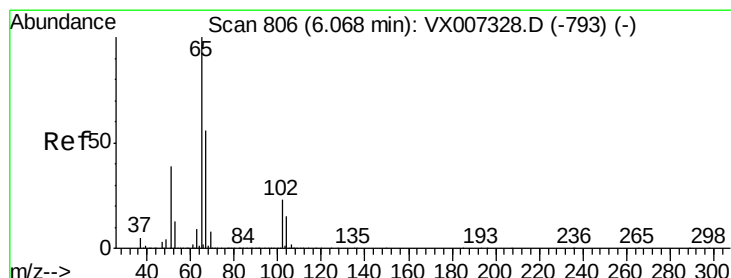
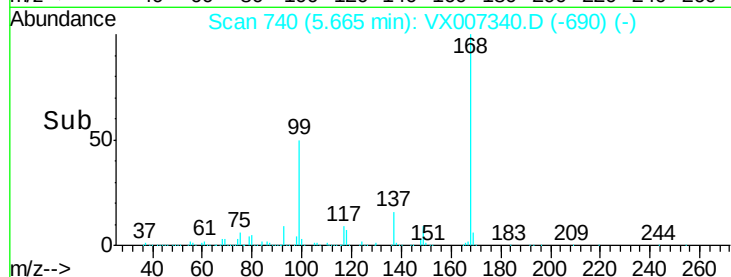
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.947 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007340.D

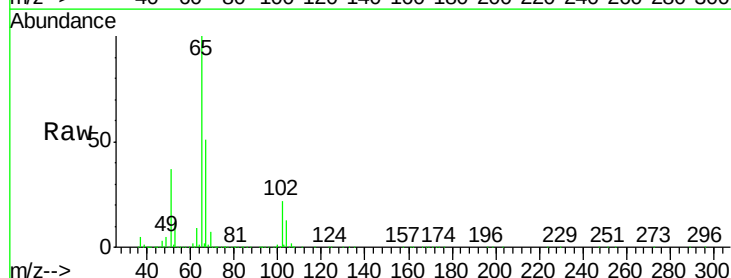
Acq: 01 Feb 2019 16:53

Tgt Ion: 65 Resp: 276952

Ion Ratio Lower Upper

65 100

67 52.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

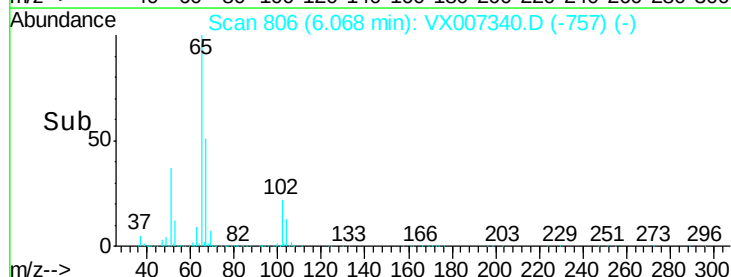
60000

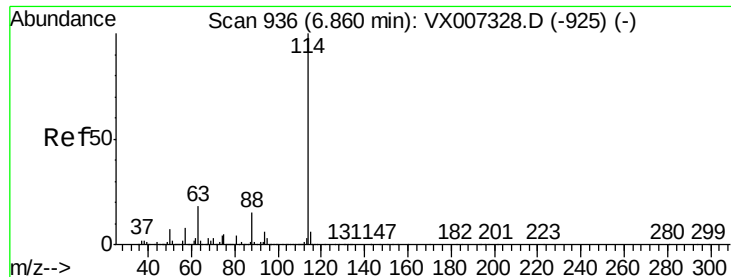
40000

20000

0

Time--> 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: VX007340.D

Acq: 01 Feb 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

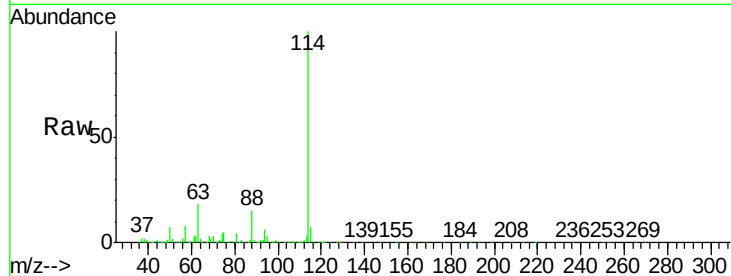
Tot Ion:114 Resp: 779402

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

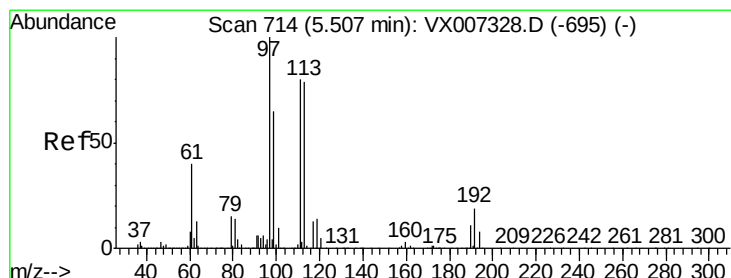
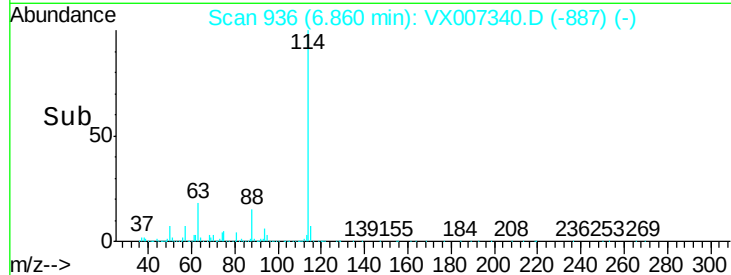
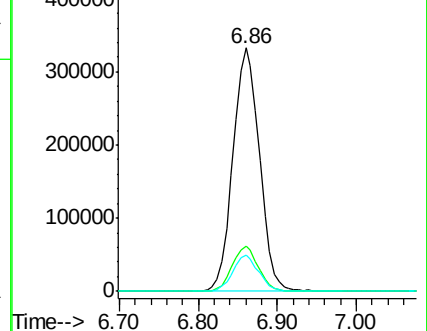
88 15.0 0.0 29.6



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: 48.480 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007340.D

Acq: 01 Feb 2019 16:53

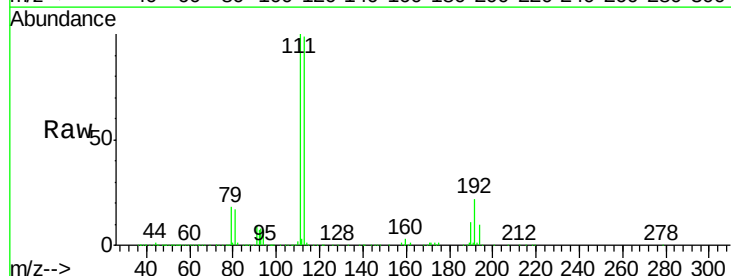
Tgt Ion:113 Resp: 245854

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

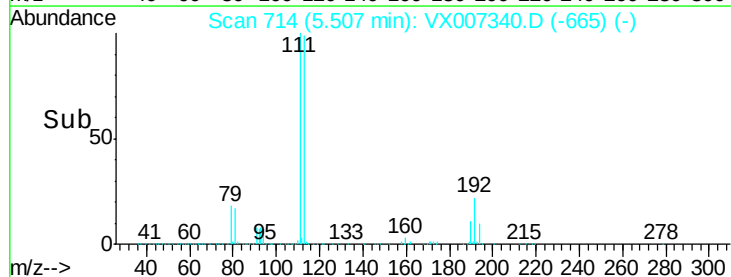
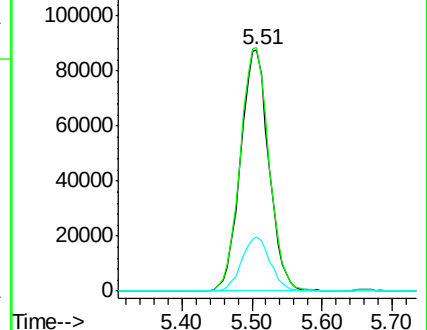
192 22.6 18.5 27.7

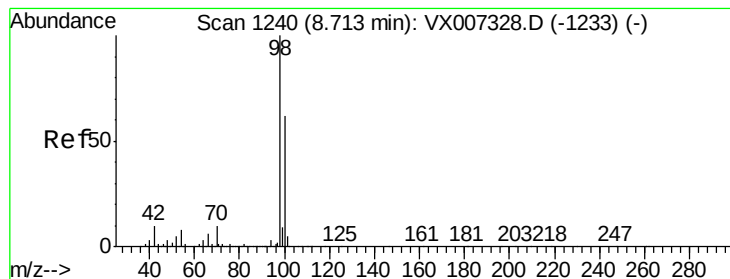


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.918 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007340.D

Acq: 01 Feb 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

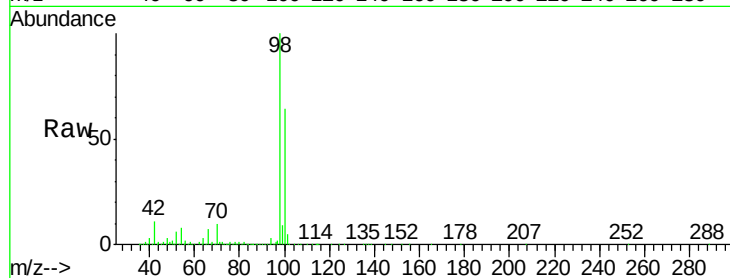
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 939217

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

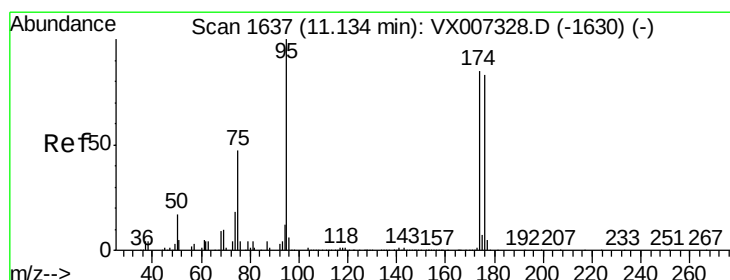
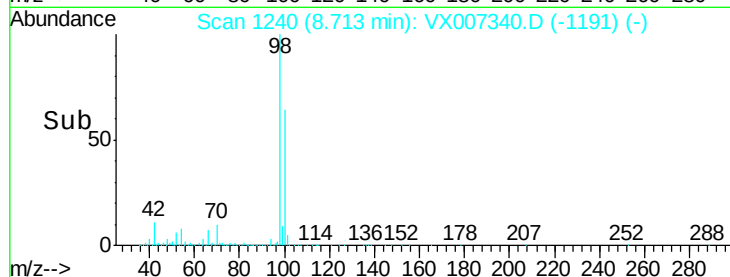
600000

400000

200000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 50.027 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007340.D

Acq: 01 Feb 2019 16:53

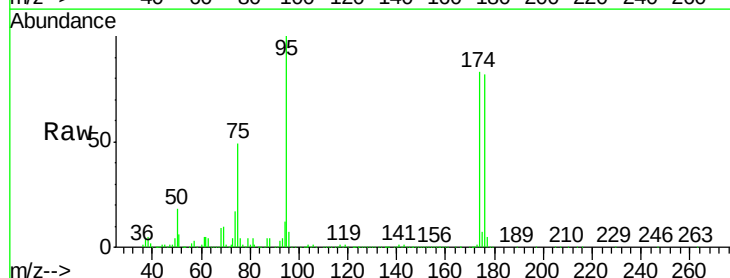
Tgt Ion: 95 Resp: 343658

Ion Ratio Lower Upper

95 100

174 91.2 0.0 189.2

176 89.7 0.0 186.2



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

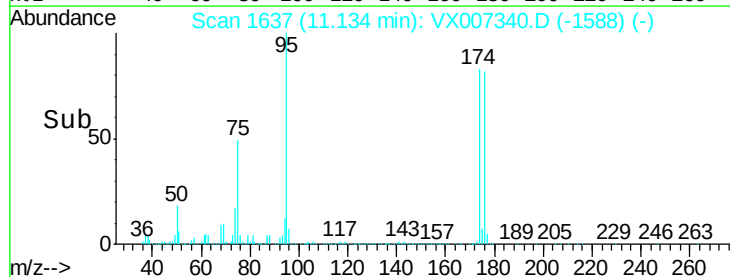
300000

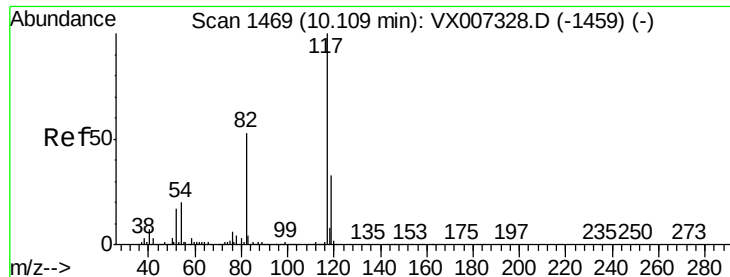
200000

100000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007340.D

Acq: 01 Feb 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

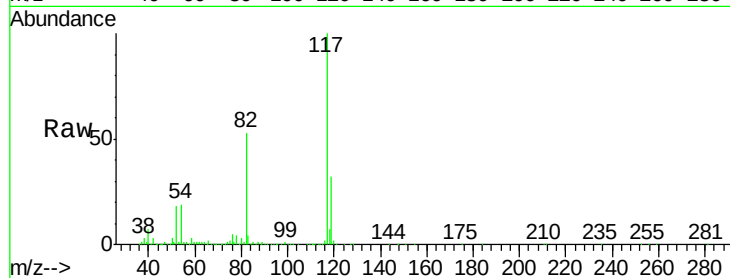
Tot Ion:117 Resp: 748186

Ion Ratio Lower Upper

117 100

82 53.0 42.1 63.1

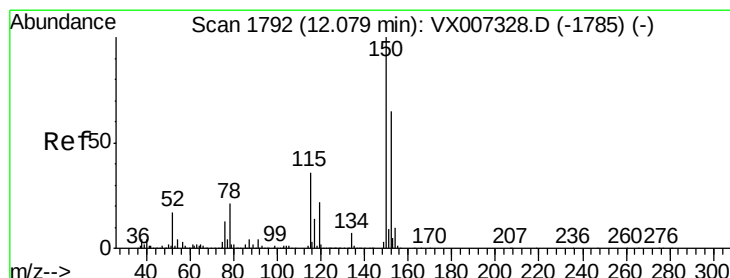
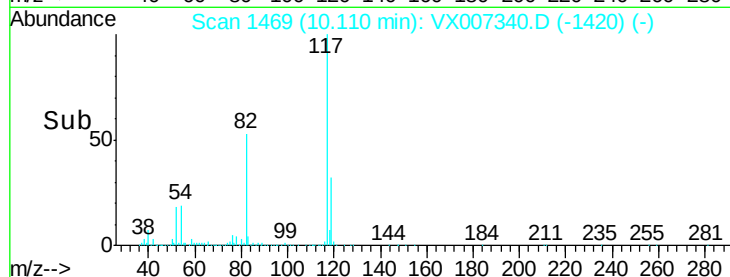
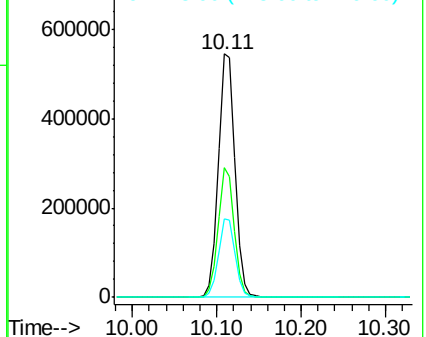
119 32.0 26.5 39.7



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: VX007340.D

Acq: 01 Feb 2019 16:53

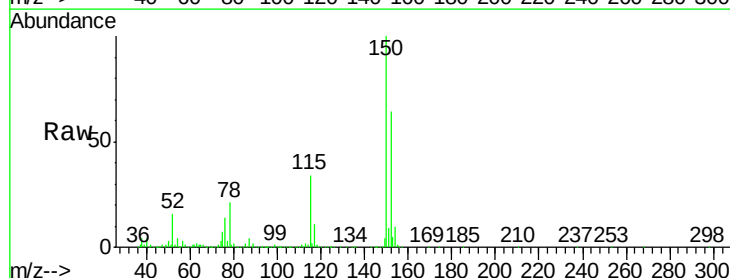
Tgt Ion:152 Resp: 372935

Ion Ratio Lower Upper

152 100

115 54.4 38.0 114.0

150 155.3 0.0 346.4



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

