

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014027.D
 Acq On : 16 Dec 2019 12:07
 Operator : JC/SP
 Sample : K6295-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 17 03:53:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	612579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	931096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	830547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	359035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	341327	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.49	113	278037	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.71	98	1108108	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	368553	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	

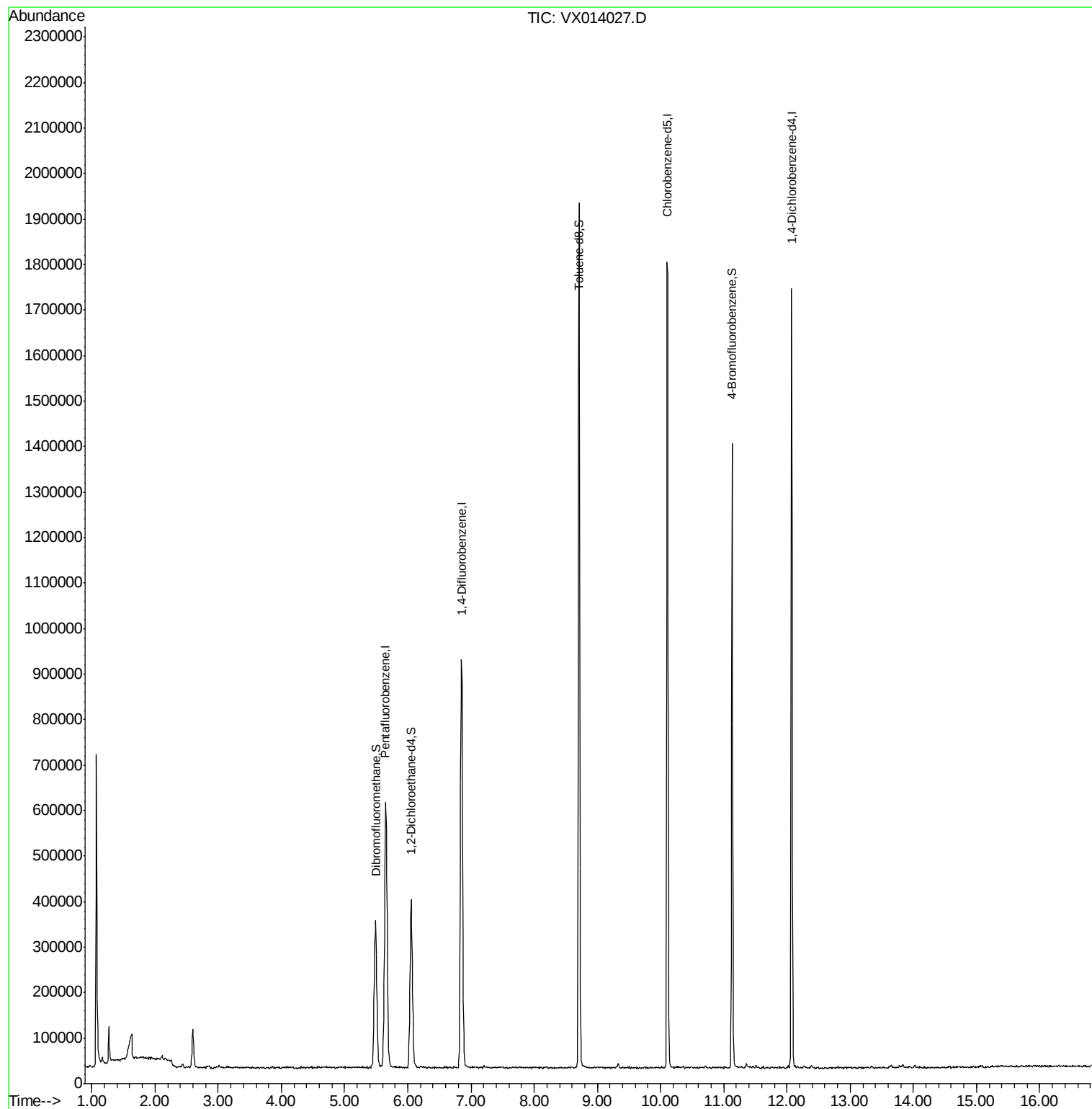
Target Compounds	Qvalue

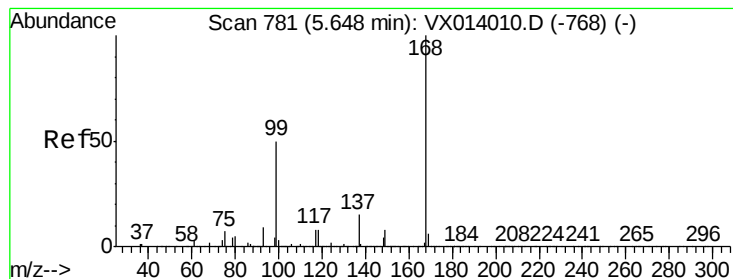
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014027.D

Acq: 16 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

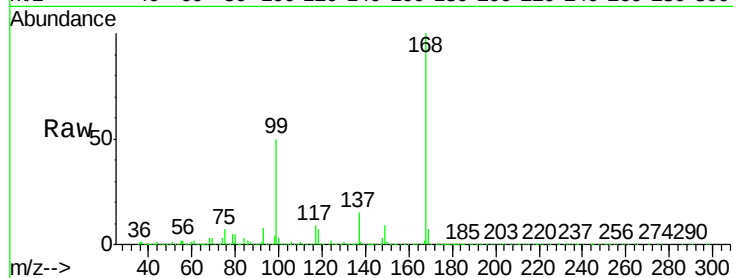
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 612579

Ion Ratio Lower Upper

168 100

99 49.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

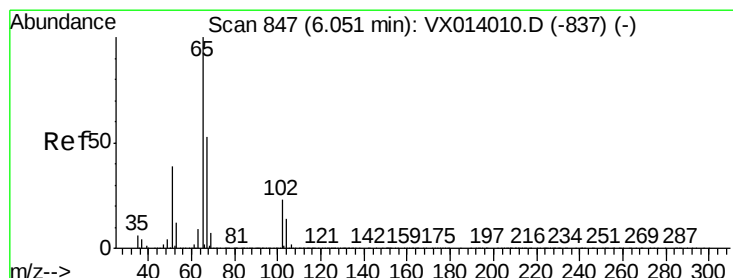
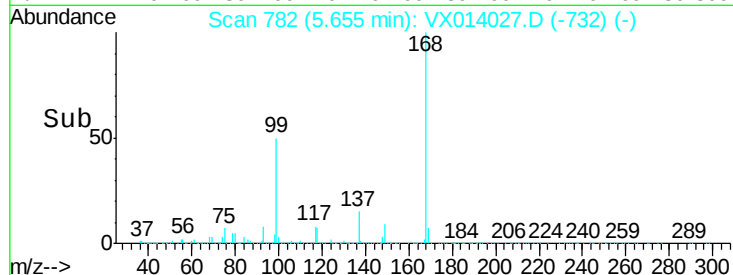
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.163 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014027.D

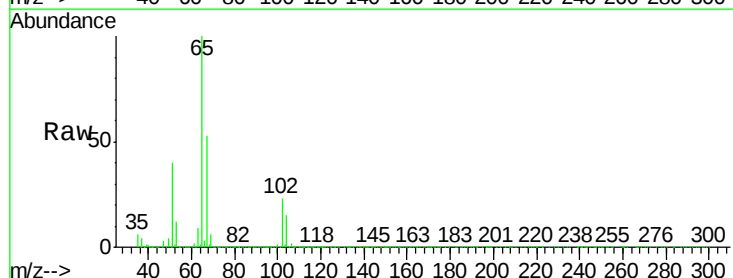
Acq: 16 Dec 2019 12:07

Tgt Ion: 65 Resp: 341327

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

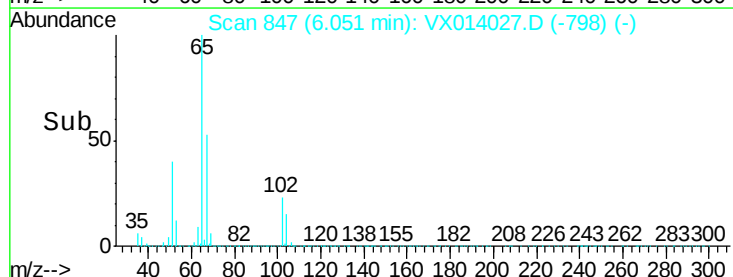
150000

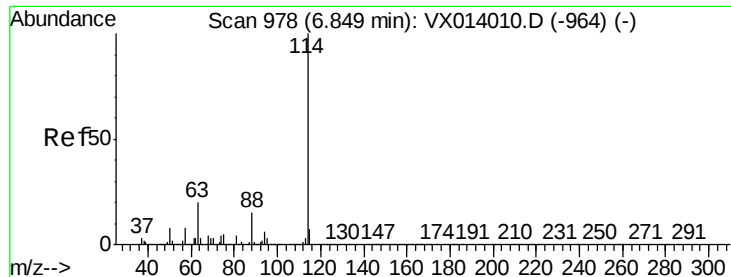
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014027.D

Acq: 16 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

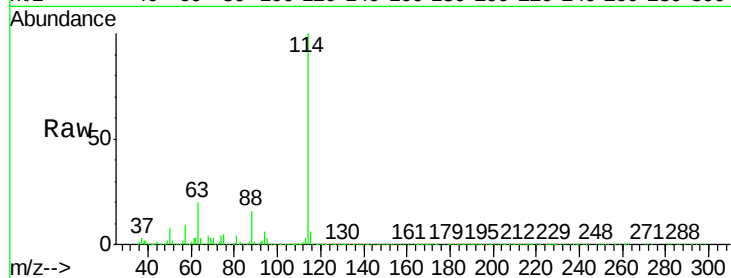
Tot Ion:114 Resp: 931096

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

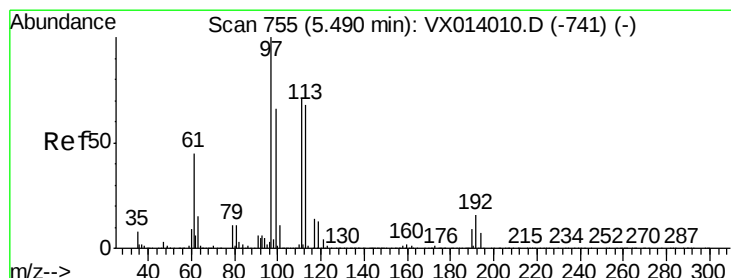
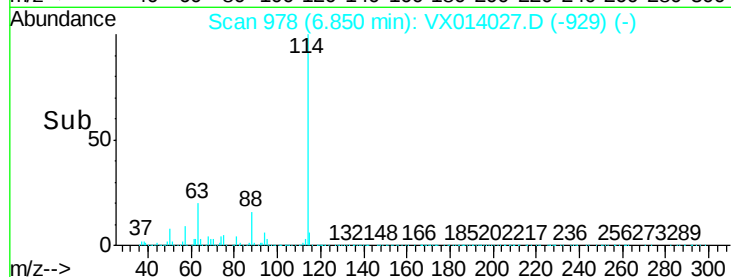
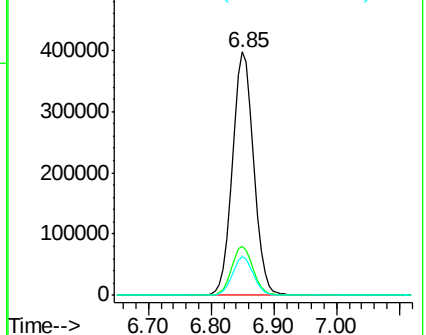
88 15.8 0.0 30.4



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: 49.123 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014027.D

Acq: 16 Dec 2019 12:07

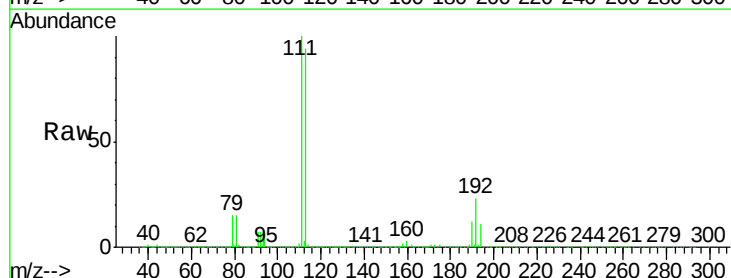
Tgt Ion:113 Resp: 278037

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

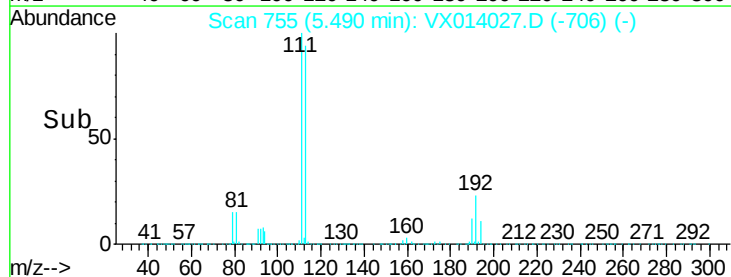
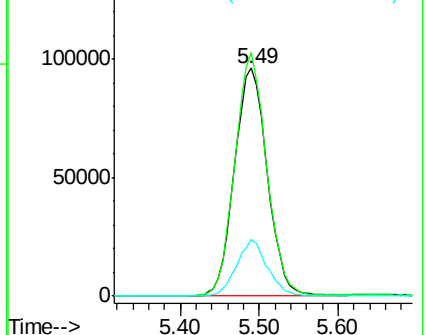
192 23.4 19.3 28.9

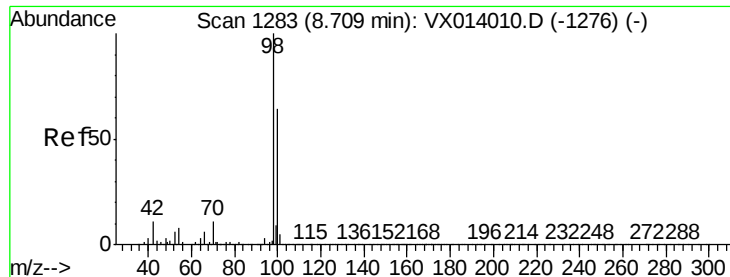


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.286 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014027.D

Acq: 16 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

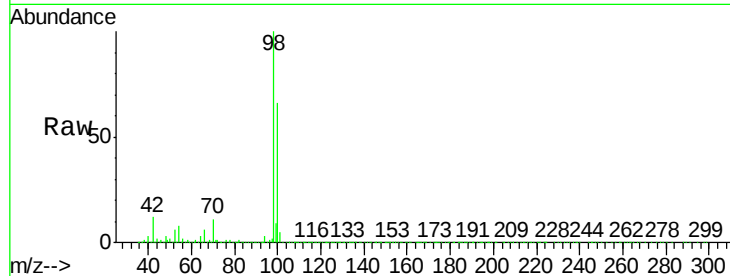
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 1108108

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

600000

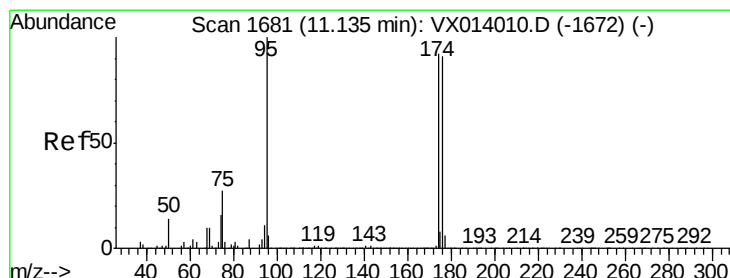
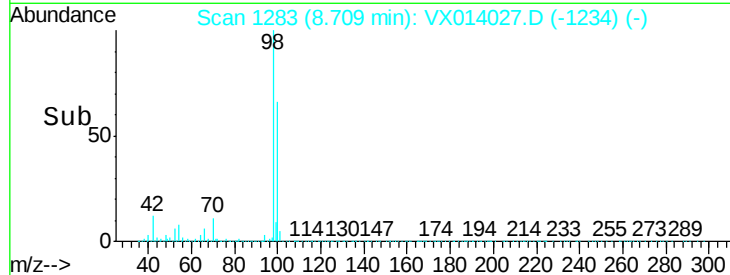
400000

200000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 45.754 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014027.D

Acq: 16 Dec 2019 12:07

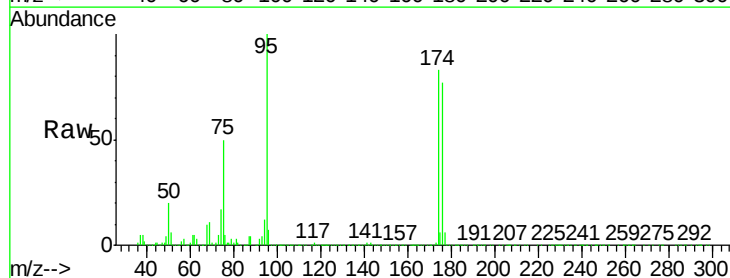
Tgt Ion: 95 Resp: 368553

Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

176 85.0 0.0 173.0



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

11.13

300000

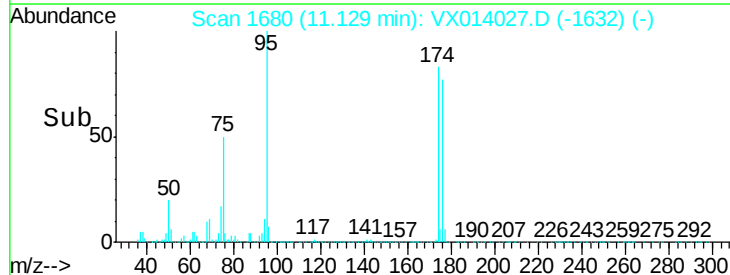
200000

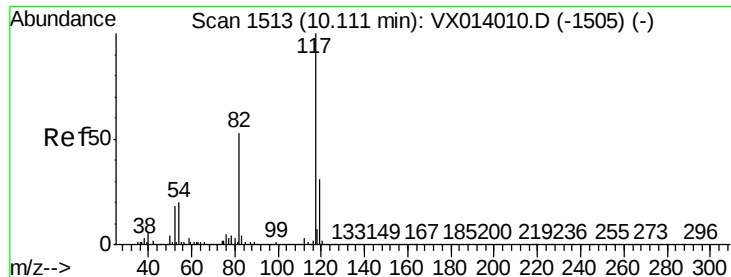
100000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014027.D

Acq: 16 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

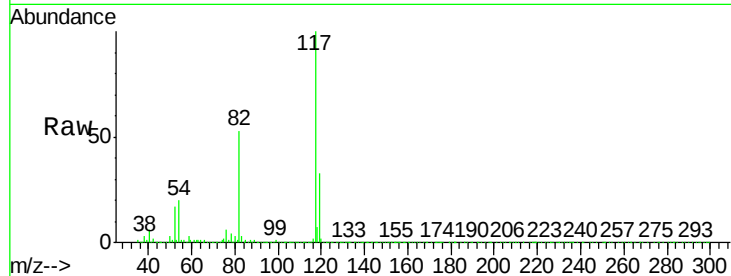
Tot Ion:117 Resp: 830547

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.4

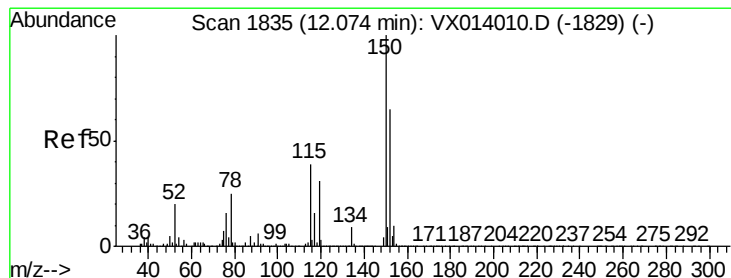
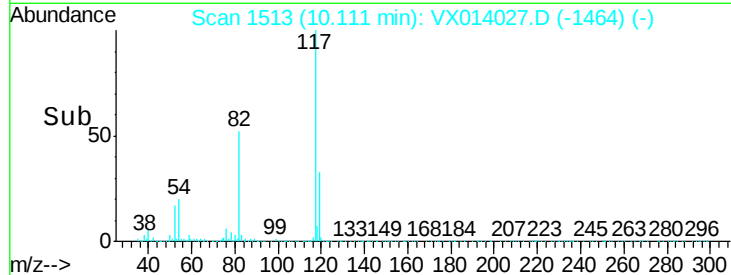
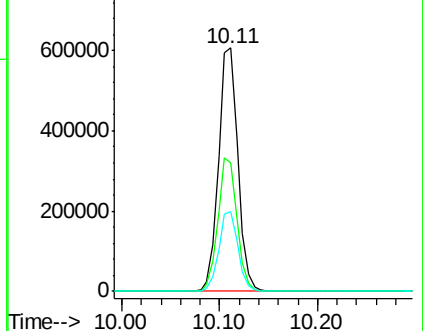
119 32.5 25.1 37.7



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014027.D

Acq: 16 Dec 2019 12:07

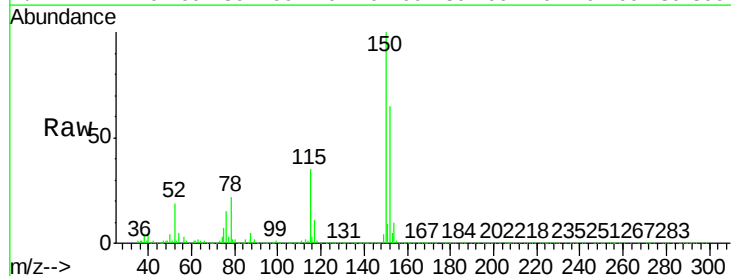
Tgt Ion:152 Resp: 359035

Ion Ratio Lower Upper

152 100

115 54.5 38.3 114.9

150 155.0 0.0 345.4



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

