

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031720\
 Data File : VX015313.D
 Acq On : 17 Mar 2020 10:44
 Operator : JC/SP
 Sample : L1919-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 18 02:03:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	314359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	505526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	483068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	234057	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	181510	48.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.34%	
35) Dibromofluoromethane	5.50	113	157237	49.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	612674	50.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	218731	50.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.10%	

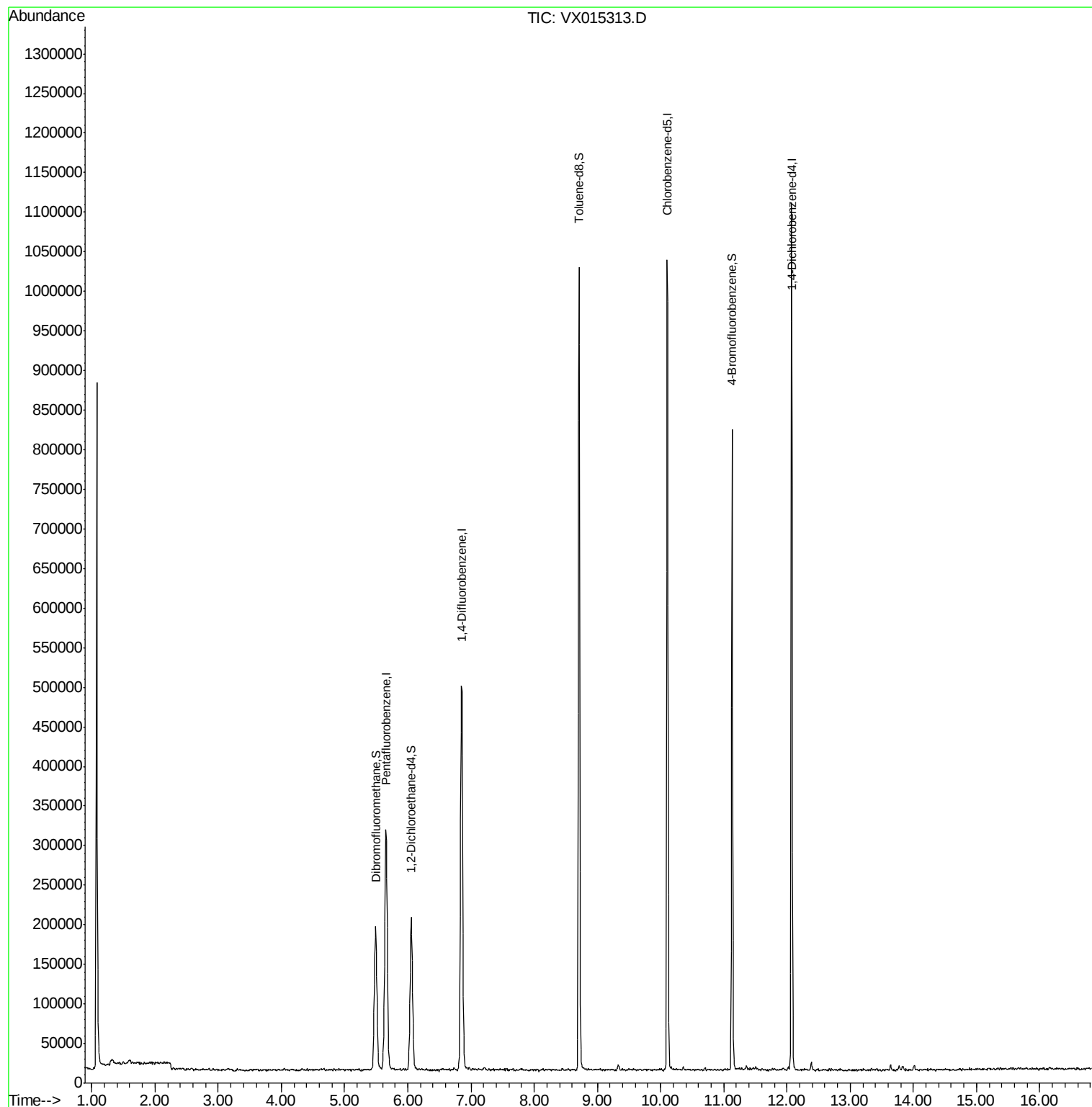
Target Compounds	Qvalue

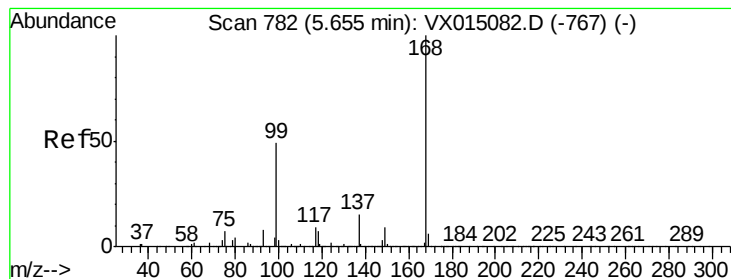
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015313.D

Acq: 17 Mar 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

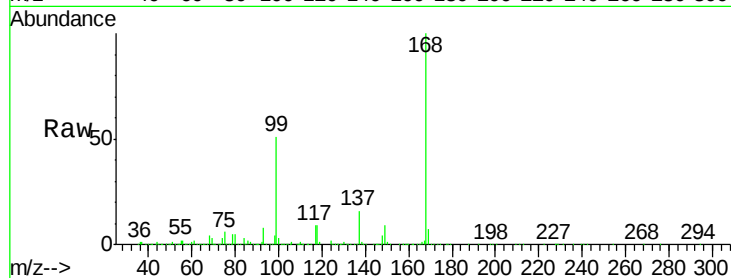
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 314359

Ion Ratio Lower Upper

168 100

99 50.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

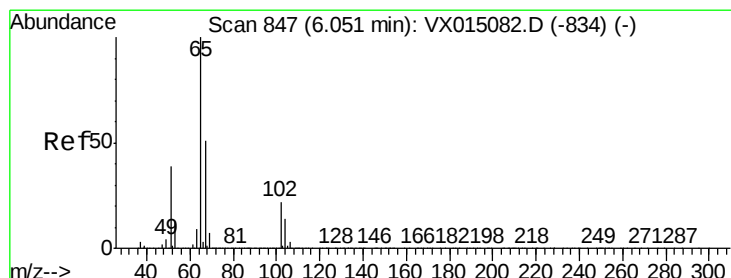
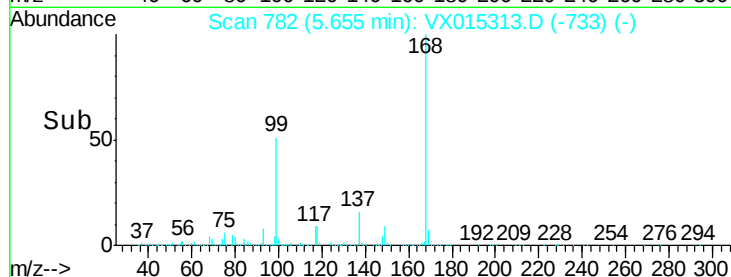
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.669 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015313.D

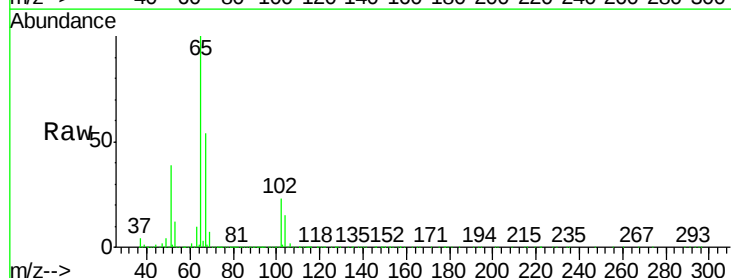
Acq: 17 Mar 2020 10:44

Tgt Ion: 65 Resp: 181510

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

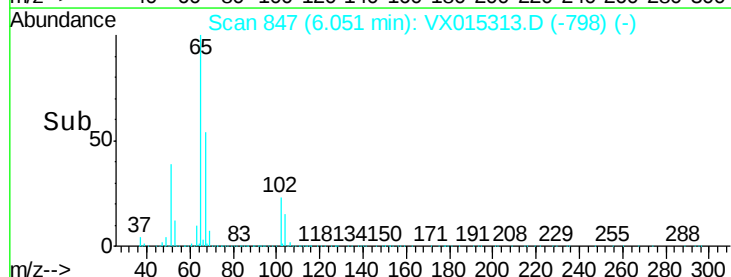
60000

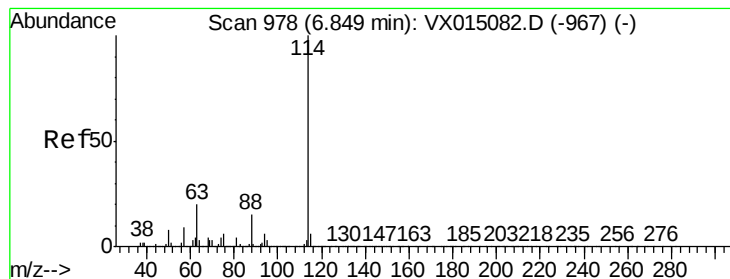
40000

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# 979

Delta R.T. 0.01 min

Lab File: VX015313.D

Acq: 17 Mar 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

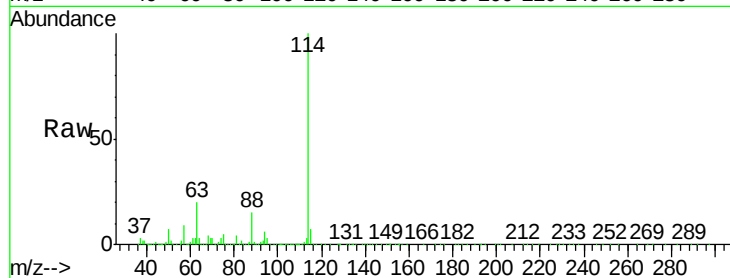
Tot Ion:114 Resp: 505526

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

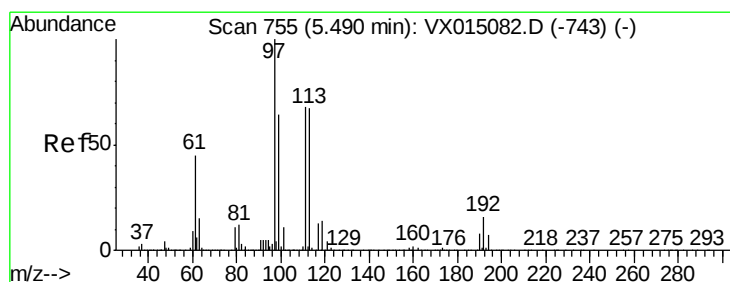
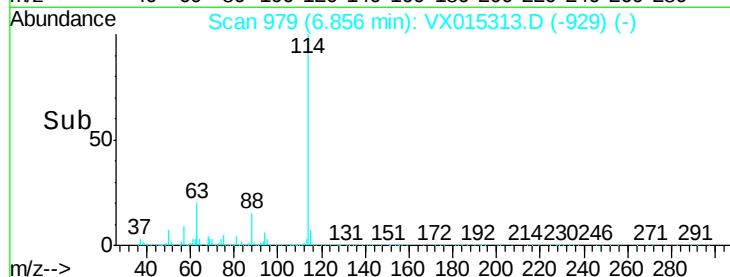
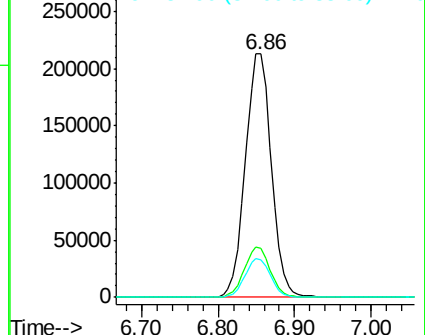
88 15.4 0.0 30.6



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: 49.303 ug/l

RT: 5.50 min Scan# 756

Delta R.T. 0.01 min

Lab File: VX015313.D

Acq: 17 Mar 2020 10:44

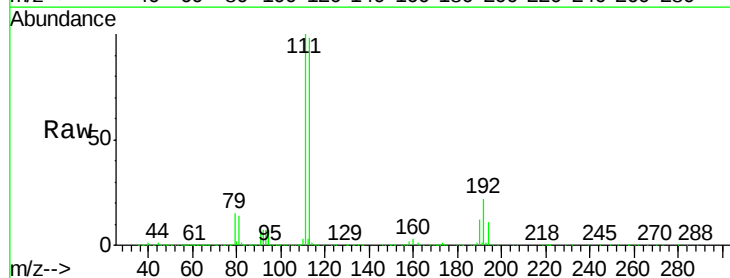
Tgt Ion:113 Resp: 157237

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

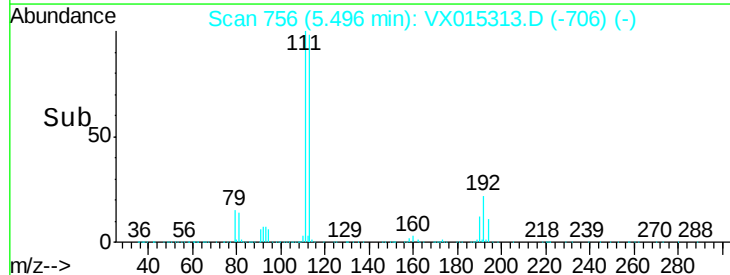
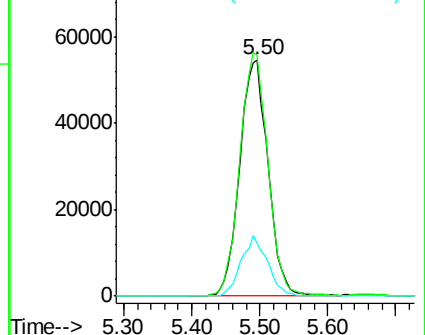
192 24.1 18.6 28.0

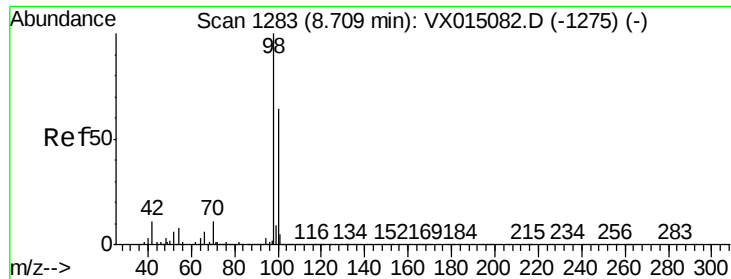


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.504 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015313.D

Acq: 17 Mar 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

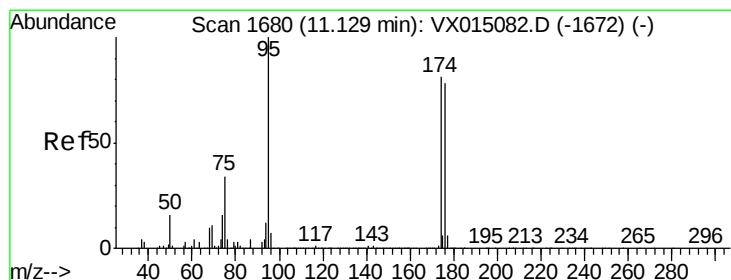
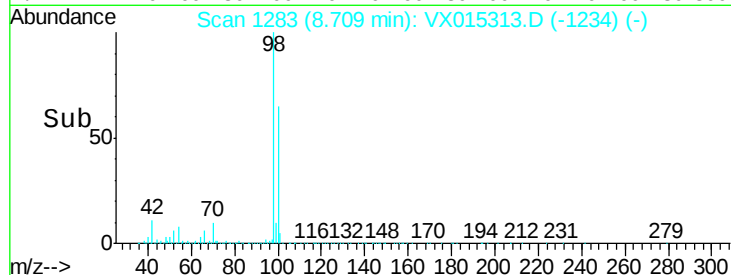
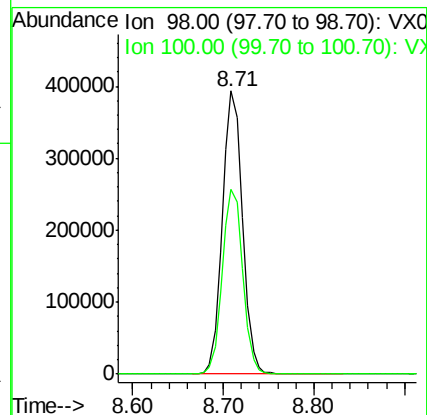
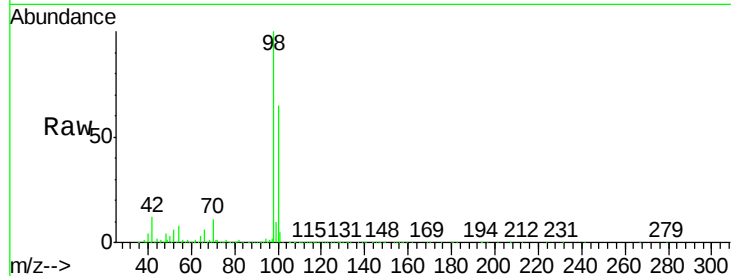
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 612674

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 50.549 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015313.D

Acq: 17 Mar 2020 10:44

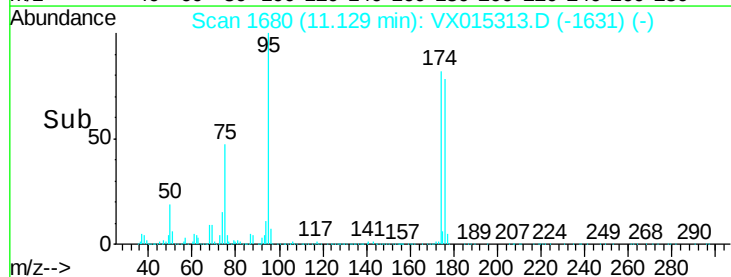
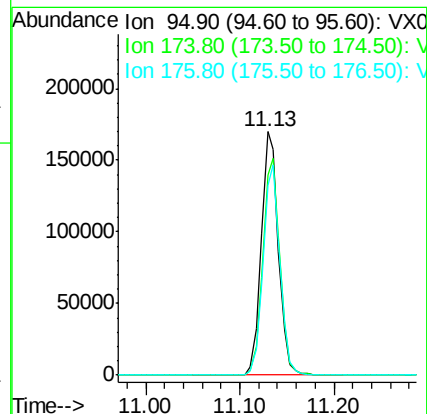
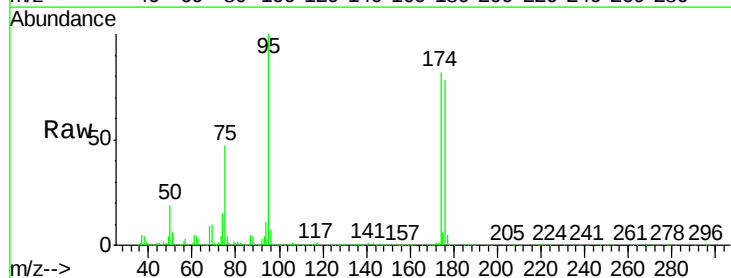
Tgt Ion: 95 Resp: 218731

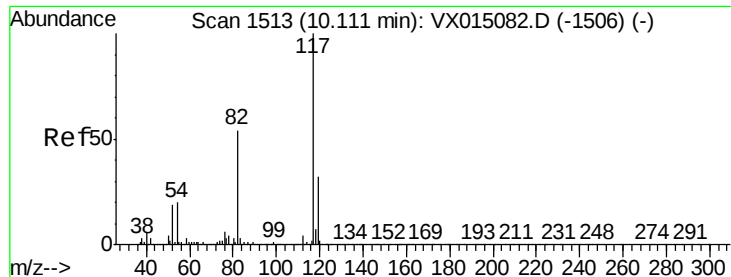
Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.6

176 85.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015313.D

Acq: 17 Mar 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

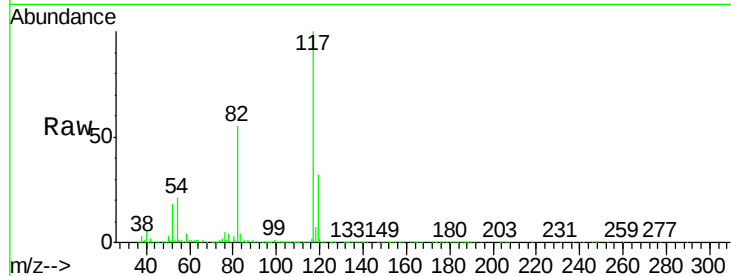
Tot Ion:117 Resp: 483068

Ion Ratio Lower Upper

117 100

82 55.3 43.3 64.9

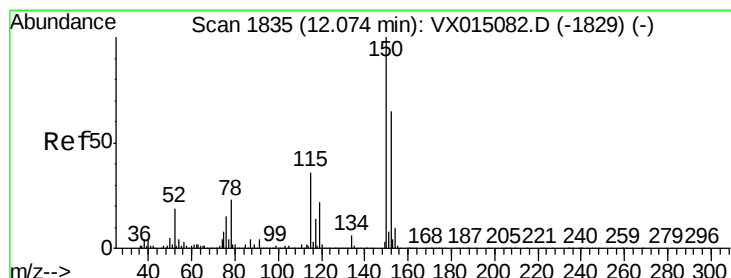
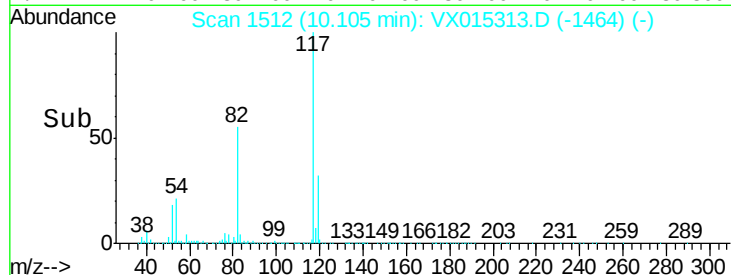
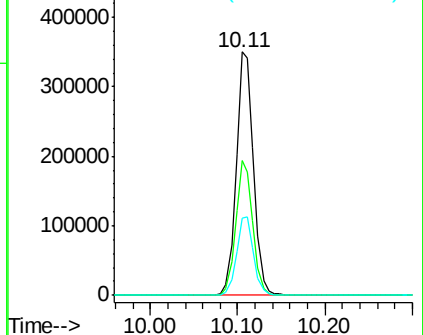
119 31.6 25.8 38.8



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015313.D

Acq: 17 Mar 2020 10:44

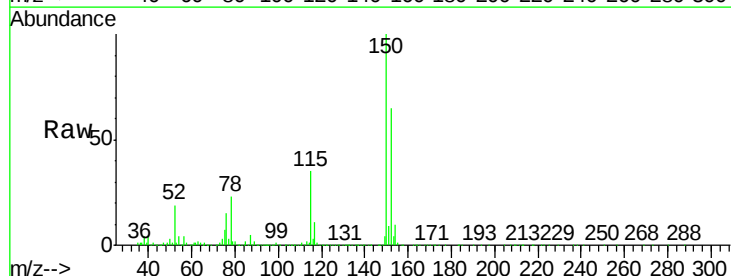
Tgt Ion:152 Resp: 234057

Ion Ratio Lower Upper

152 100

115 55.4 38.2 114.6

150 155.3 0.0 343.8



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

