

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX010997.D
 Acq On : 19 Jul 2019 13:07
 Operator : JC/SP
 Sample : K3917-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 20 01:25:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	320594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144233	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117613	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	5.50	113	109474	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	8.71	98	416973	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	144020	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

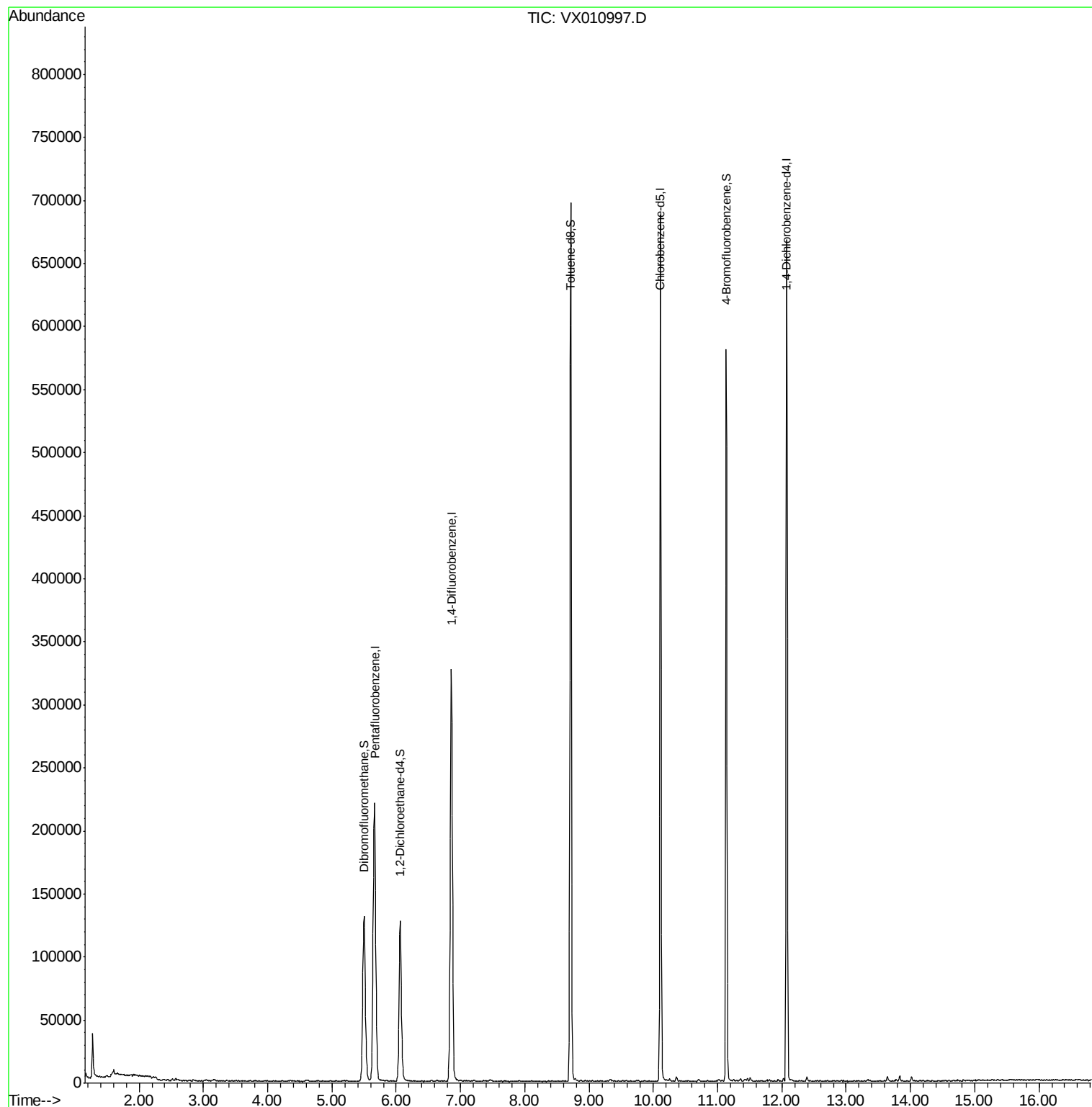
Target Compounds	Qvalue

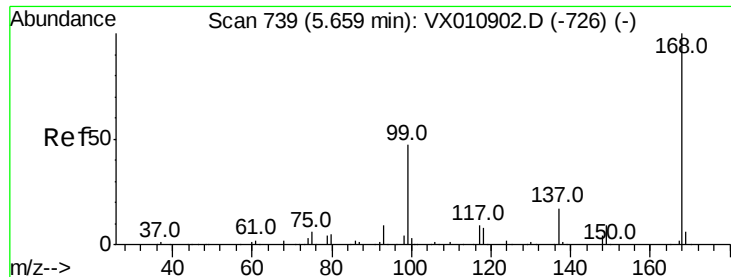
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010997.D

Acq: 19 Jul 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

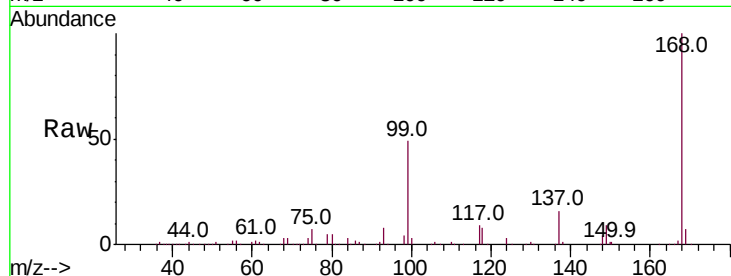
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 222855

Ion Ratio Lower Upper

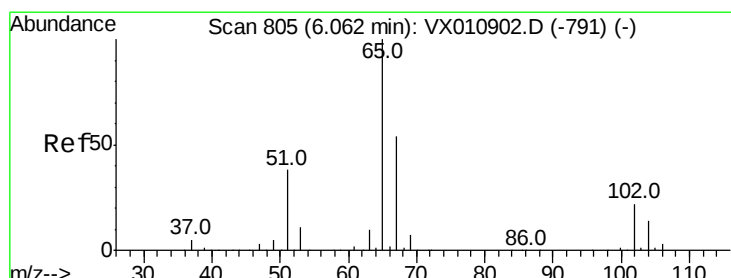
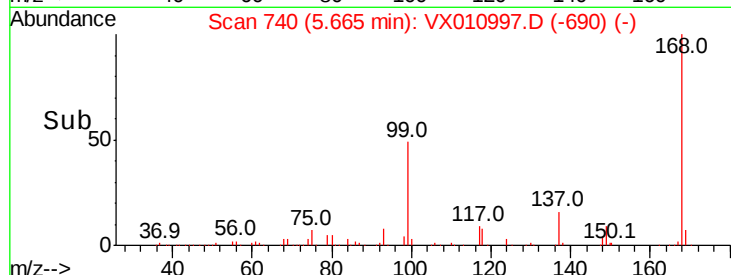
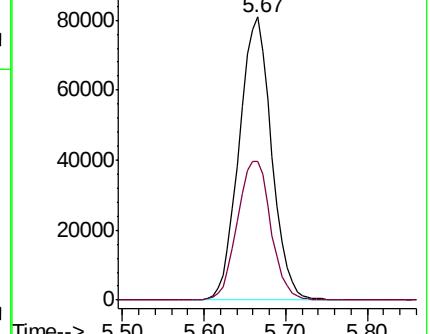
168 100

99 49.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.608 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010997.D

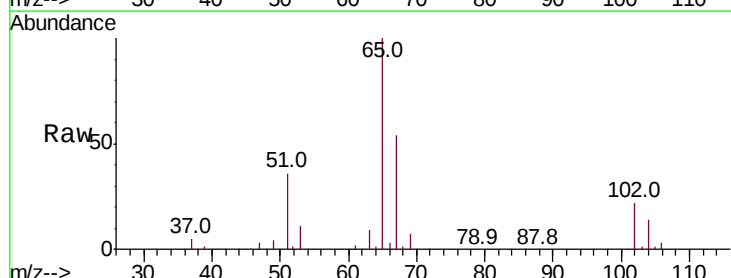
Acq: 19 Jul 2019 13:07

Tgt Ion: 65 Resp: 117613

Ion Ratio Lower Upper

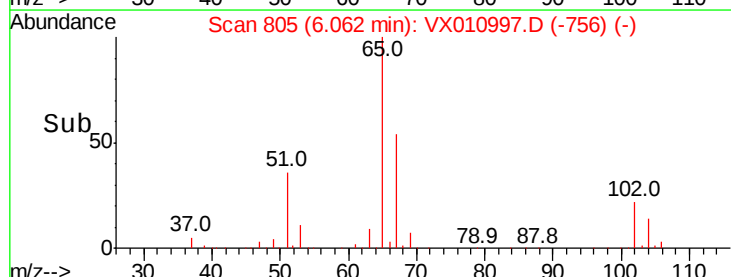
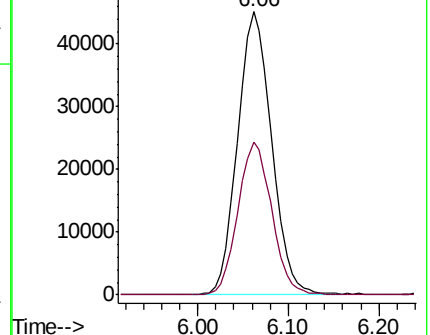
65 100

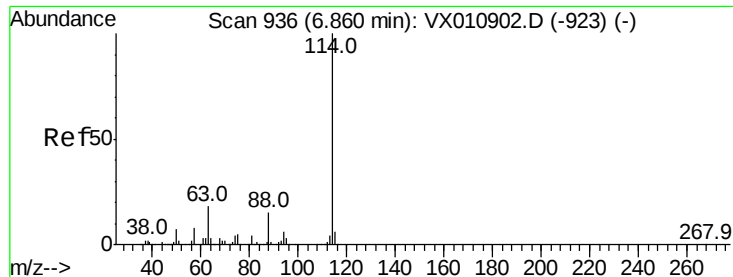
67 53.6 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010997.D

Acq: 19 Jul 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

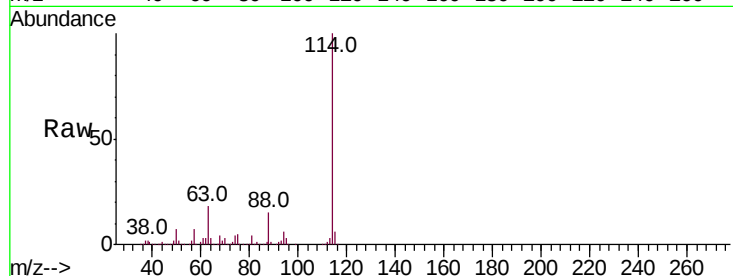
Tot Ion:114 Resp: 348927

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

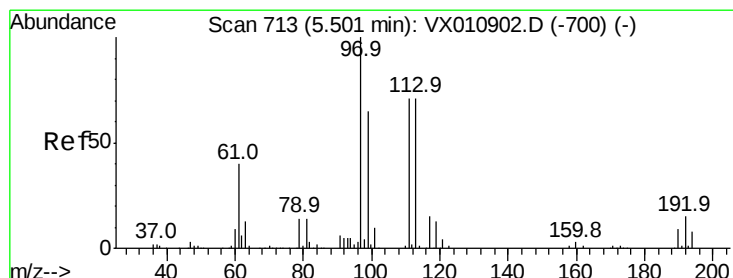
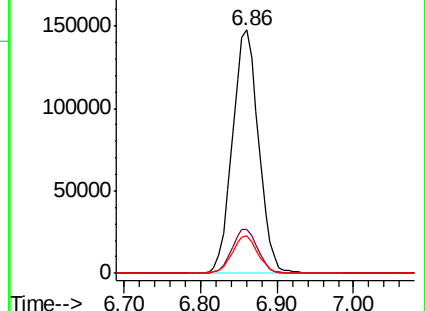
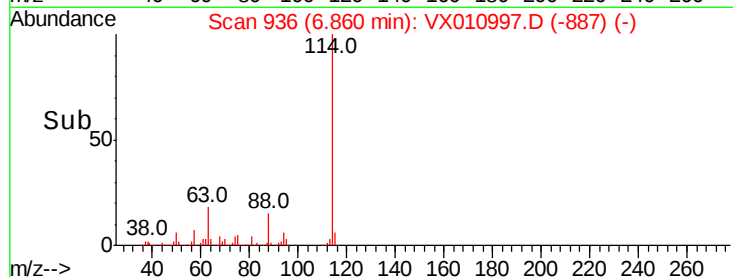
88 15.5 0.0 29.8



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: 49.430 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010997.D

Acq: 19 Jul 2019 13:07

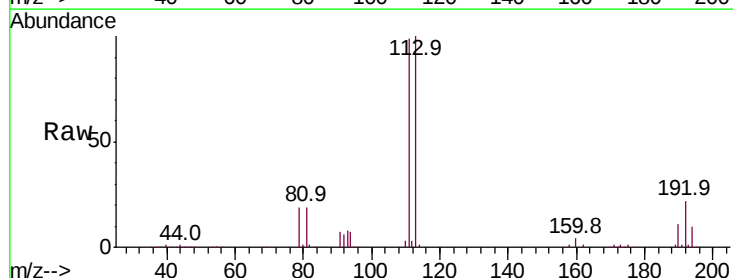
Tgt Ion:113 Resp: 109474

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

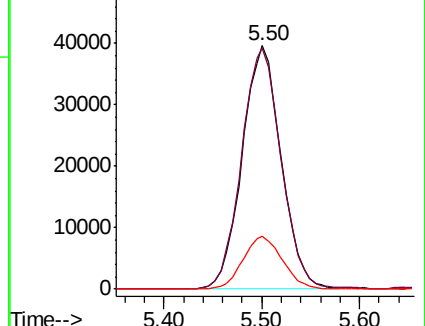
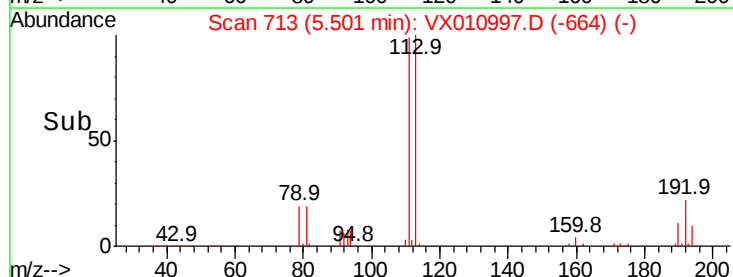
192 22.1 17.4 26.2

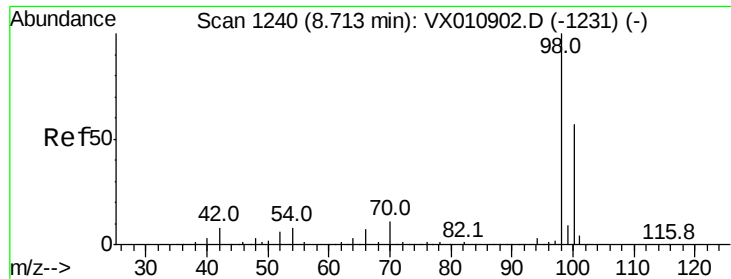


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

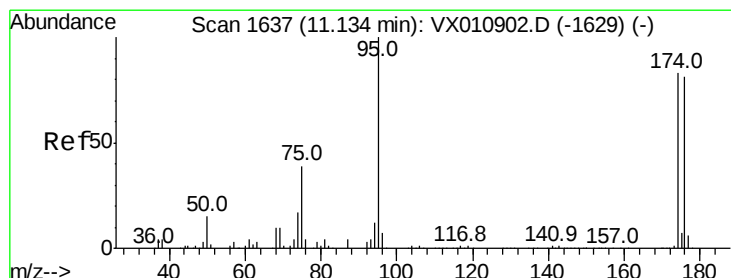
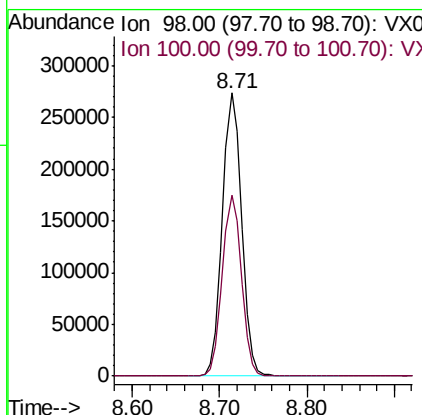
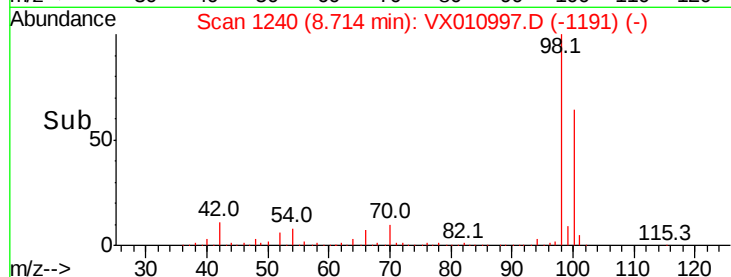
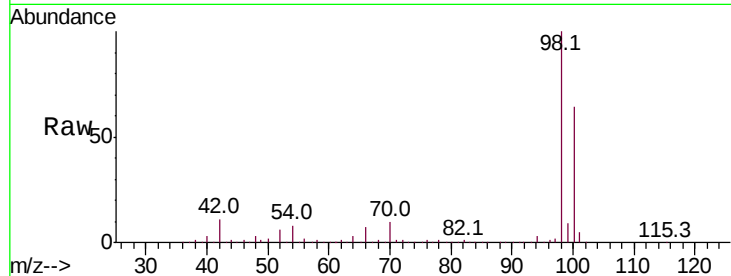




#50
Toluene-d8
Concen: 50.198 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010997.D
Acq: 19 Jul 2019 13:07

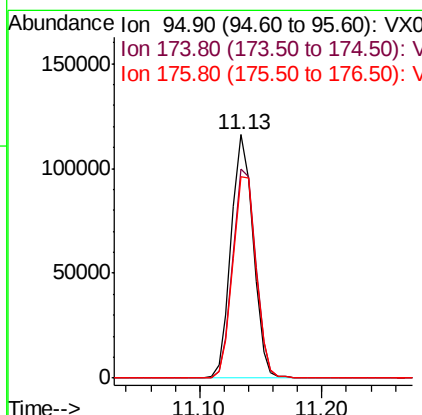
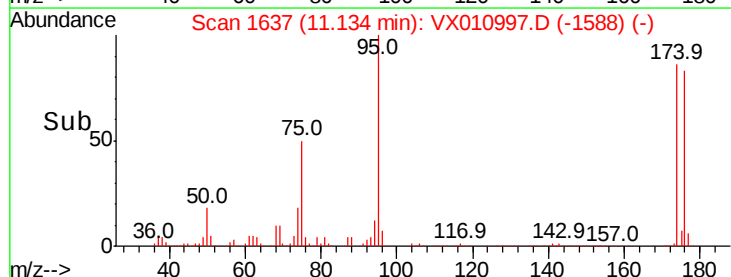
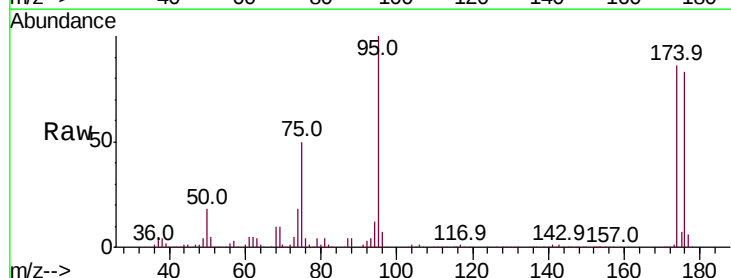
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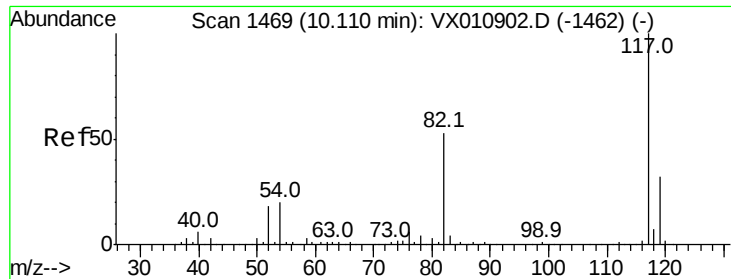
Tot Ion: 98 Resp: 416973
Ion Ratio Lower Upper
98 100
100 63.7 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 47.169 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010997.D
Acq: 19 Jul 2019 13:07

Tgt Ion: 95 Resp: 144020
Ion Ratio Lower Upper
95 100
174 89.8 0.0 180.6
176 87.6 0.0 173.8

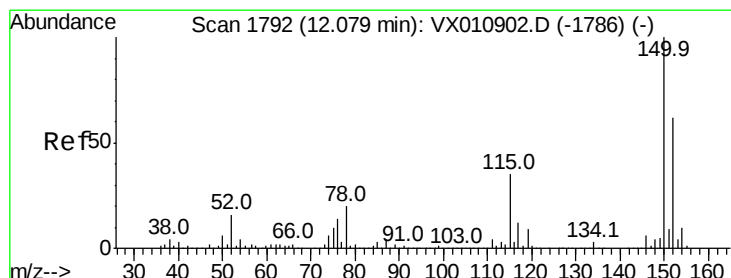
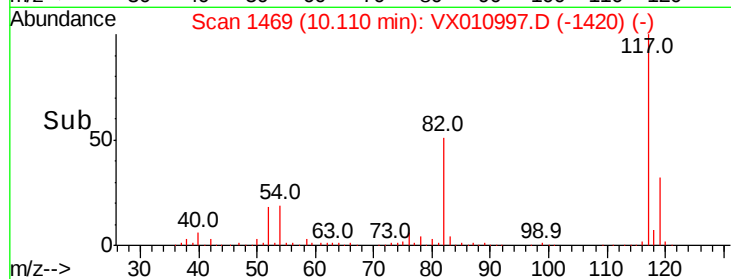
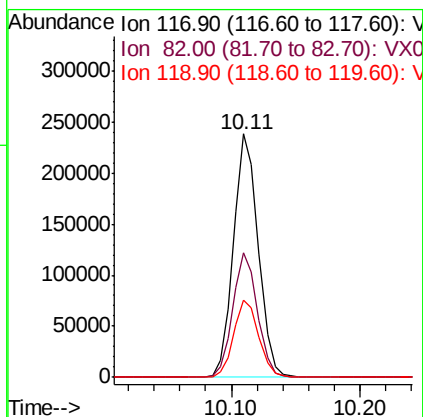
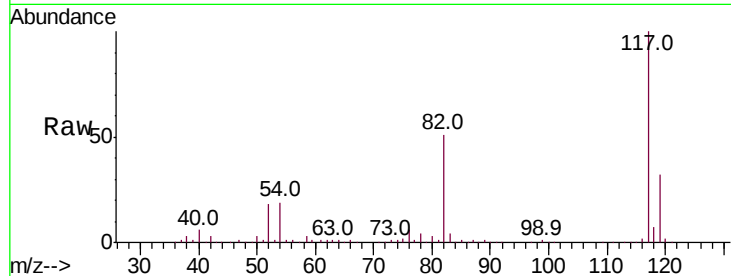




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010997.D
Acq: 19 Jul 2019 13:07

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

Tot Ion:117 Resp: 320594
Ion Ratio Lower Upper
117 100
82 51.3 42.6 63.8
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010997.D
Acq: 19 Jul 2019 13:07

Tgt Ion:152 Resp: 144233
Ion Ratio Lower Upper
152 100
115 55.5 39.7 119.1
150 155.6 0.0 345.6

