

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012038.D
 Acq On : 03 Sep 2019 22:42
 Operator : SY/SP
 Sample : K4546-07
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C4-(0)

Quant Time: Sep 04 05:26:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

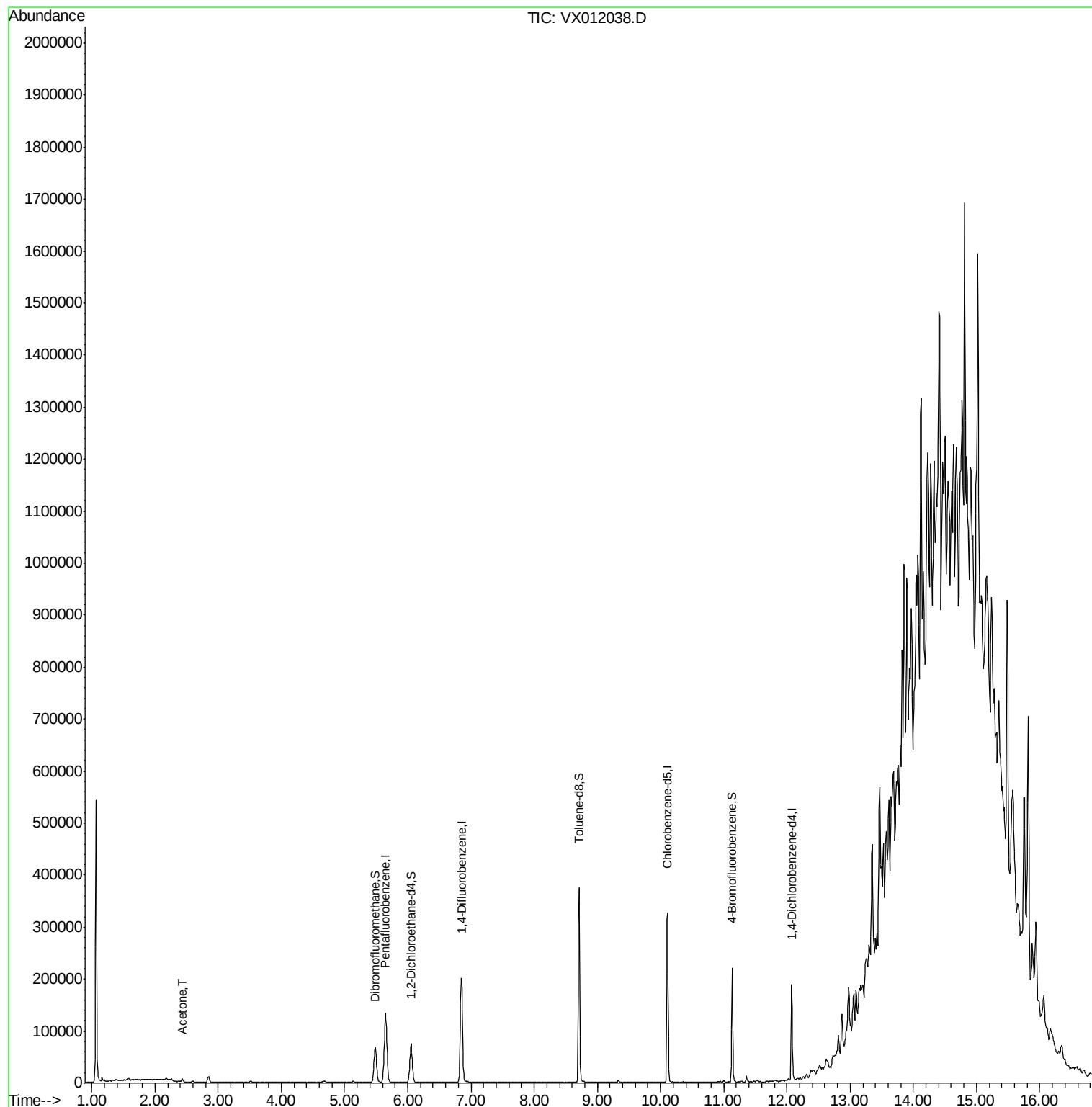
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	111834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	194478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	141870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	33649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	72865	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	5.48	113	57096	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	8.71	98	213286	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.14	95	62974	30.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.70%	
Target Compounds						
16) Acetone	2.43	43	6416	17.395	ug/l #	Qvalue 88

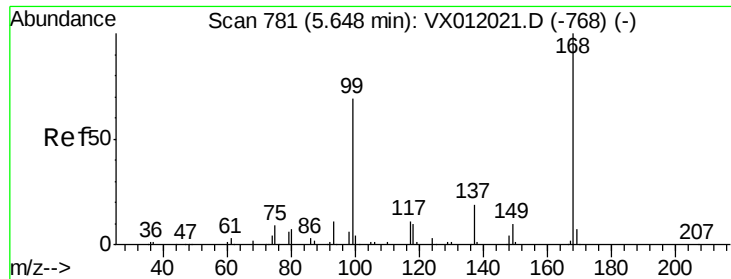
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

Instrument :

MSVOA_X

ClientSampleId :

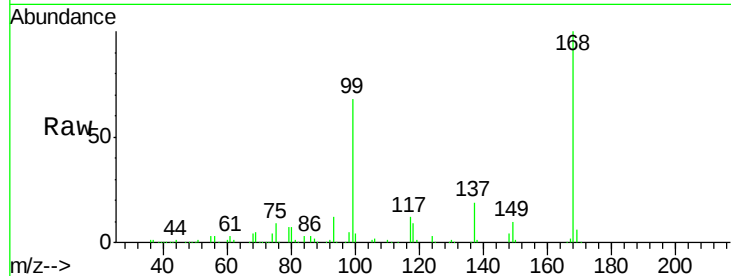
T3-S-C4-(0)

Tot Ion:168 Resp: 111834

Ion Ratio Lower Upper

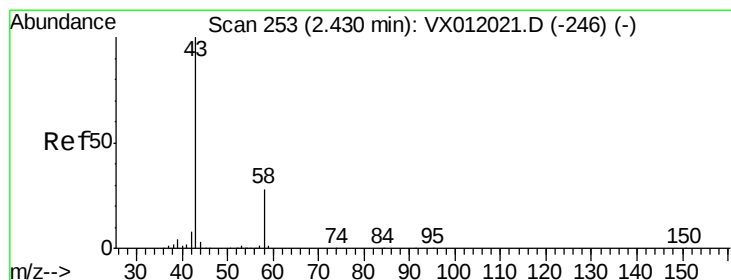
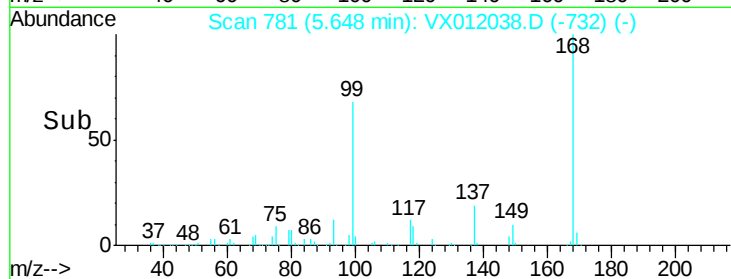
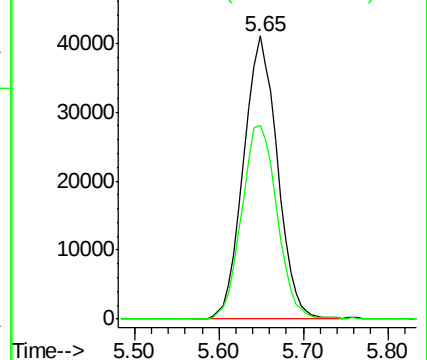
168 100

99 68.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 17.395 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012038.D

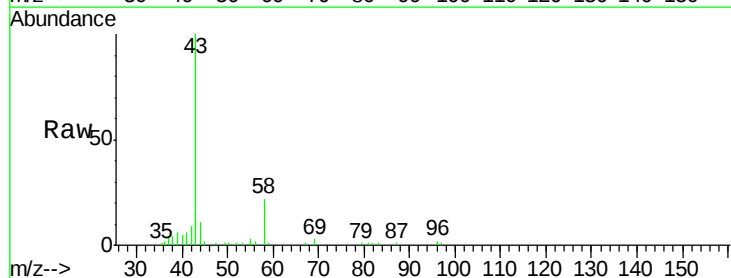
Acq: 03 Sep 2019 22:42

Tgt Ion: 43 Resp: 6416

Ion Ratio Lower Upper

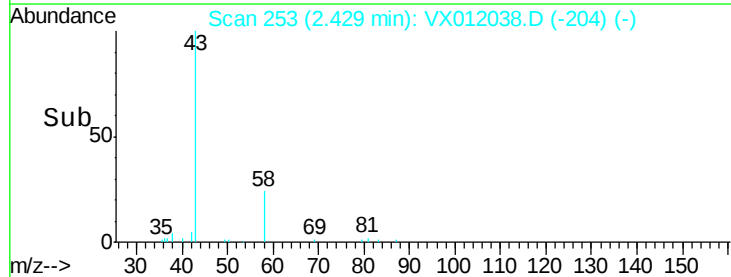
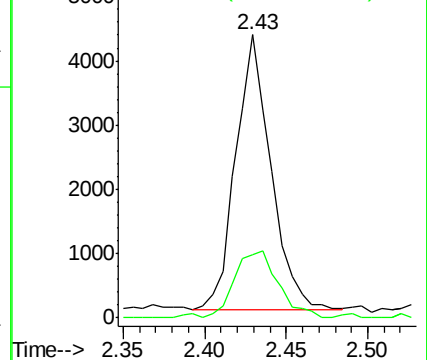
43 100

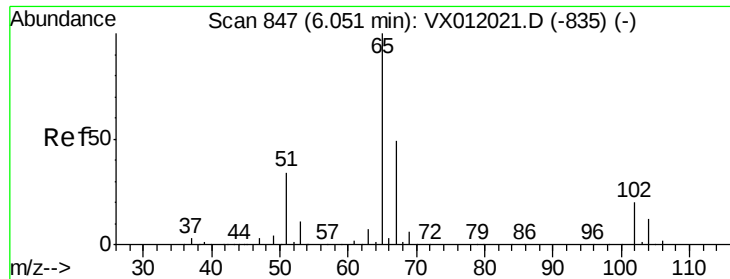
58 21.9 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

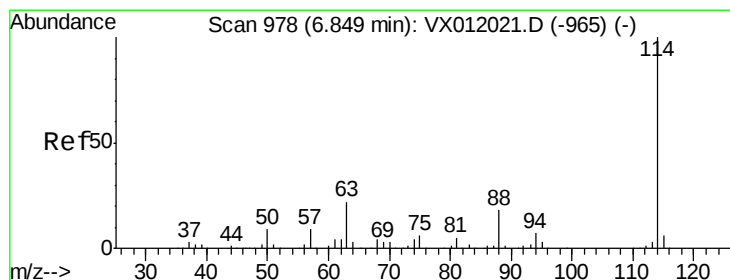
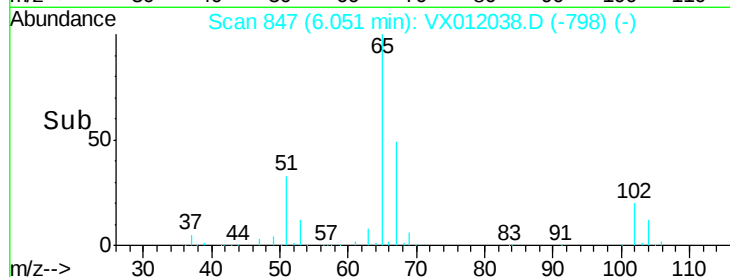
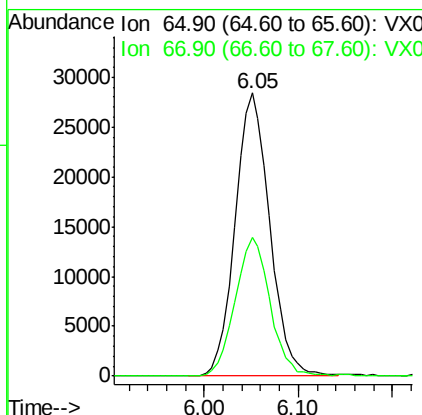
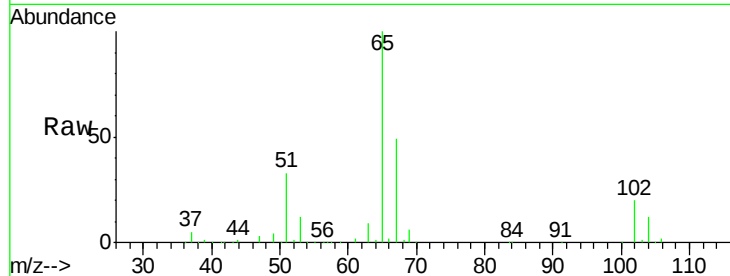




#33
 1,2-Dichloroethane-d4
 Concen: 47.220 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012038.D
 Acq: 03 Sep 2019 22:42

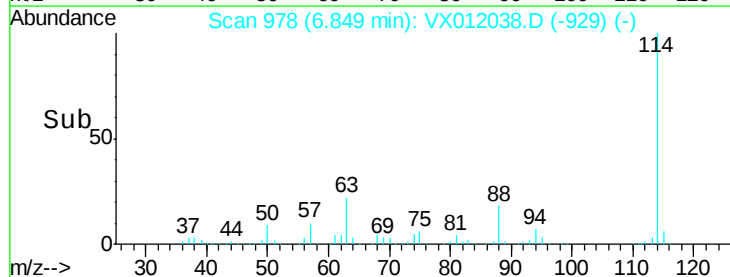
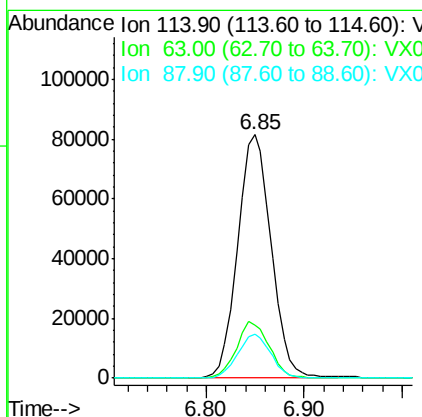
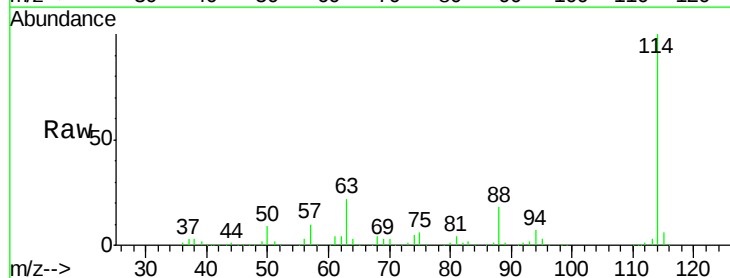
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C4-(0)

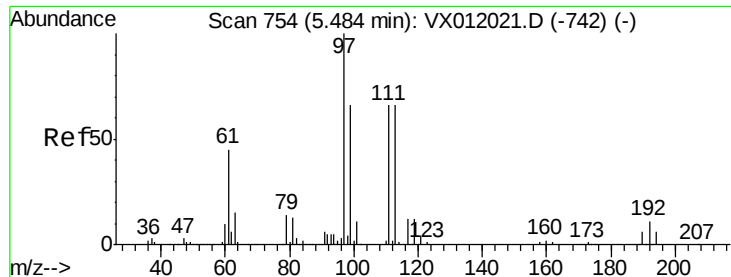
Tot Ion: 65 Resp: 72865
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012038.D
 Acq: 03 Sep 2019 22:42

Tgt Ion: 114 Resp: 194478
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 37.4
 88 18.2 0.0 29.6

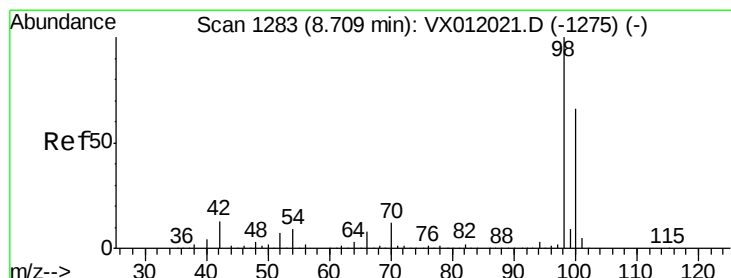
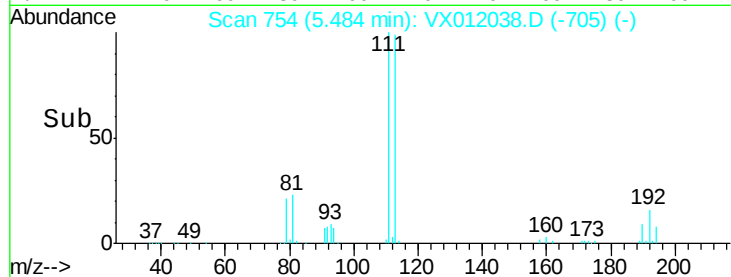
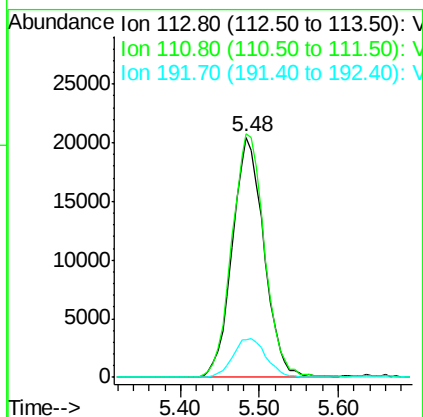
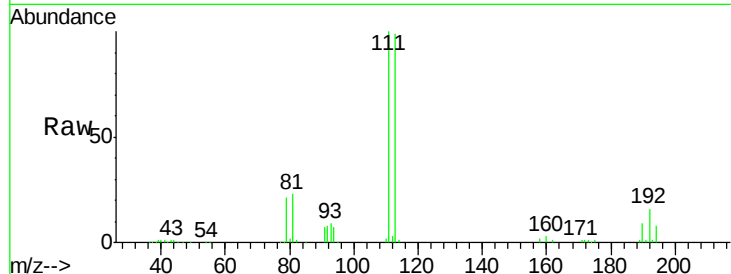




#35
 Dibromofluoromethane
 Concen: 47.740 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012038.D
 Acq: 03 Sep 2019 22:42

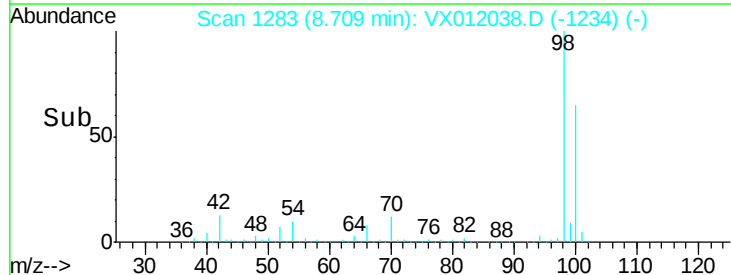
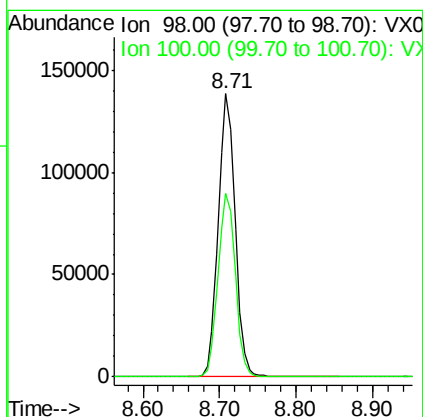
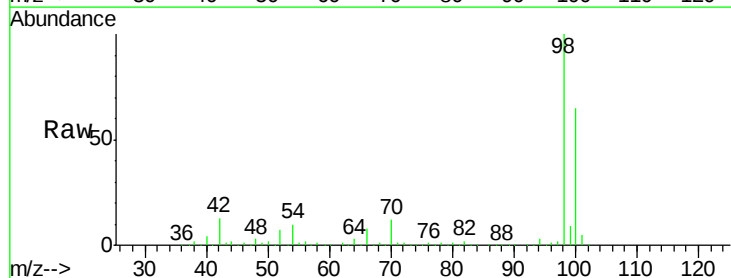
Instrument :
 MSVOA_X
 ClientSampled :
 T3-S-C4-(0)

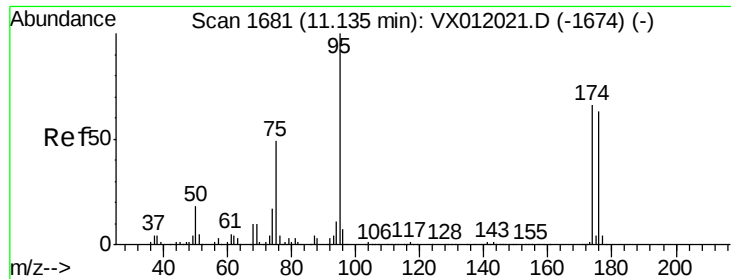
Tot Ion:113 Resp: 57096
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.7 122.5
 192 17.1 22.5 33.7#



#50
 Toluene-d8
 Concen: 48.599 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012038.D
 Acq: 03 Sep 2019 22:42

Tgt Ion: 98 Resp: 213286
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.3 79.9

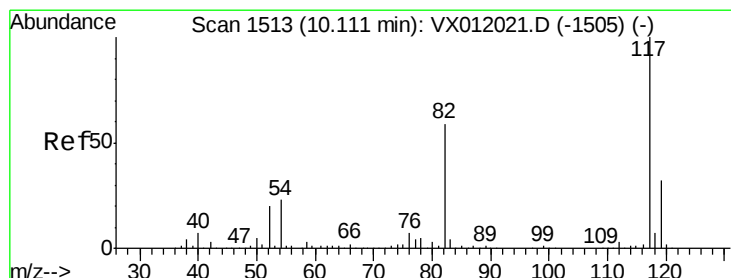
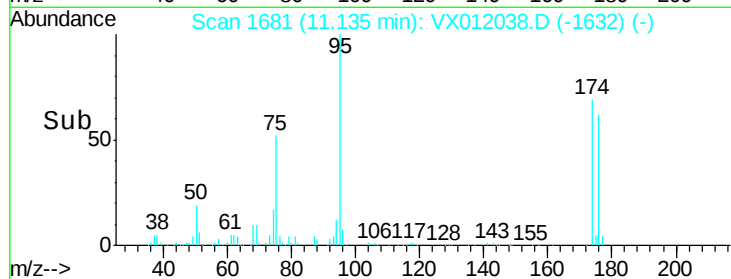
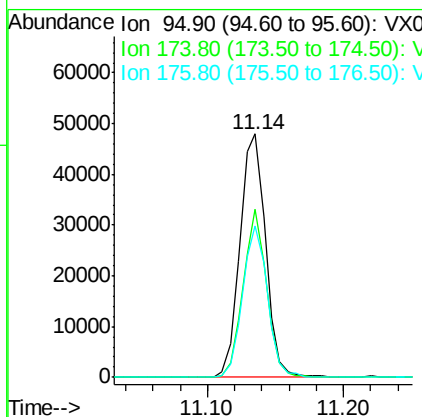
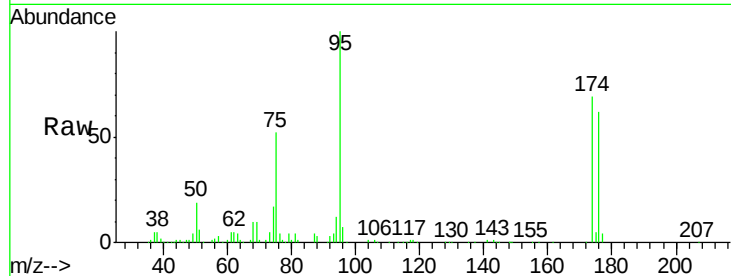




#62
4-Bromofluorobenzene
Concen: 30.854 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012038.D
Acq: 03 Sep 2019 22:42

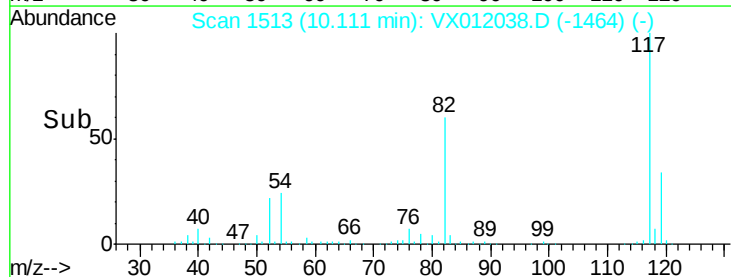
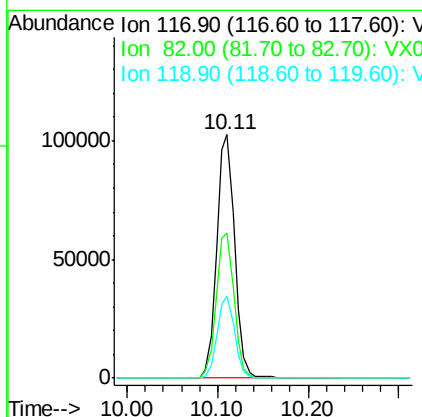
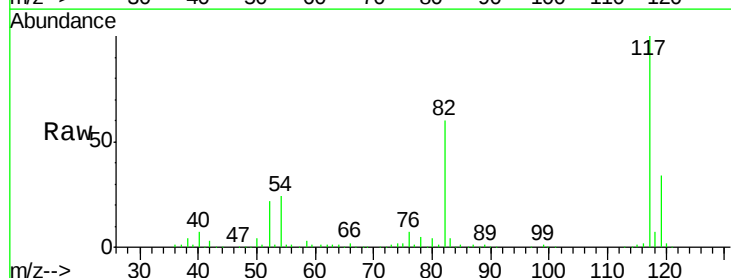
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C4-(0)

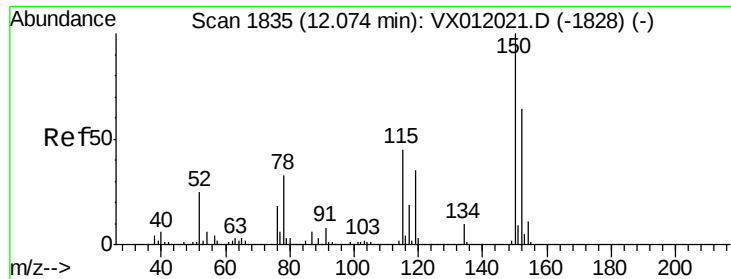
Tot Ion: 95 Resp: 62974
Ion Ratio Lower Upper
95 100
174 63.2 0.0 205.4
176 60.6 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012038.D
Acq: 03 Sep 2019 22:42

Tgt Ion: 117 Resp: 141870
Ion Ratio Lower Upper
117 100
82 59.7 39.4 59.0#
119 33.9 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C4-(0)

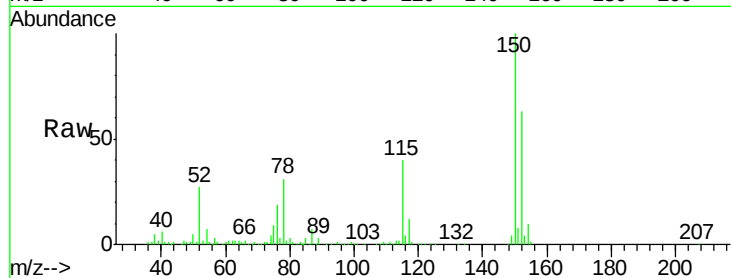
Tot Ion:152 Resp: 33649

Ion Ratio Lower Upper

152 100

115 65.1 36.4 109.3

150 157.8 0.0 341.2



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

