

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012097.D
 Acq On : 05 Sep 2019 13:28
 Operator : SY/SP
 Sample : K4538-03
 Misc : 4.25g/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3

Quant Time: Sep 06 06:02:54 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

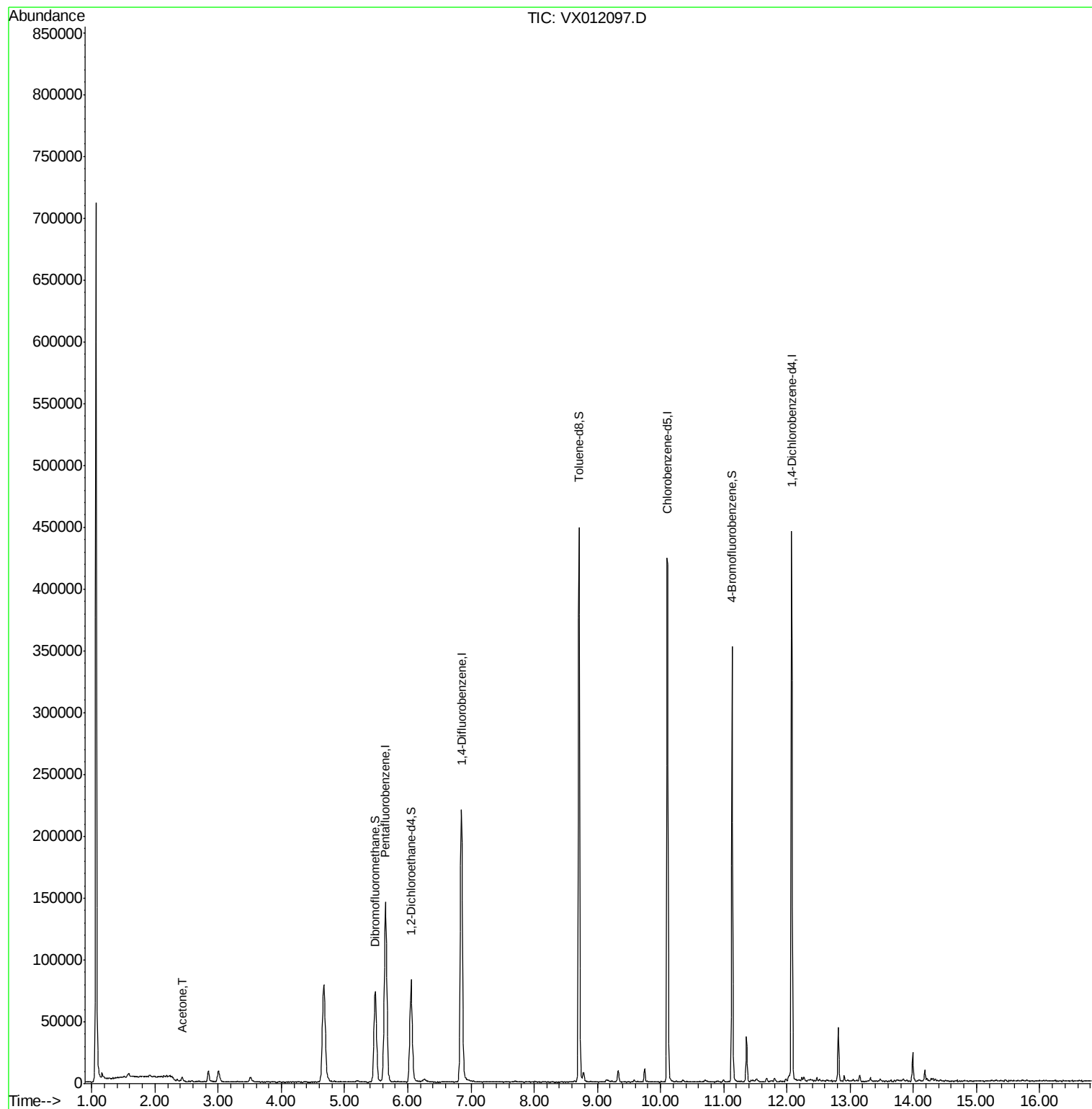
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	123037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	210193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	183785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	84870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	82810	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
35) Dibromofluoromethane	5.48	113	62477	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	8.71	98	249967	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	11.14	95	99696	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
16) Acetone	2.43	43	3310	8.157	ug/l	Qvalue 93

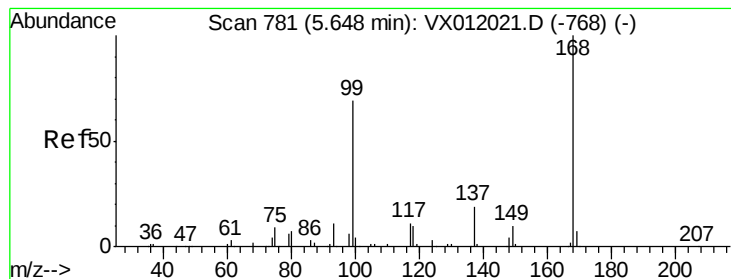
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012097.D

Acq: 05 Sep 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

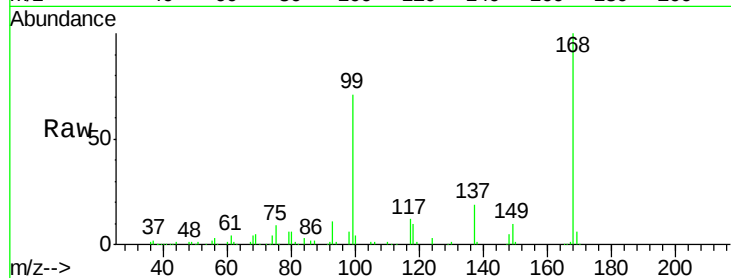
SB-3

Tot Ion:168 Resp: 123037

Ion Ratio Lower Upper

168 100

99 70.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

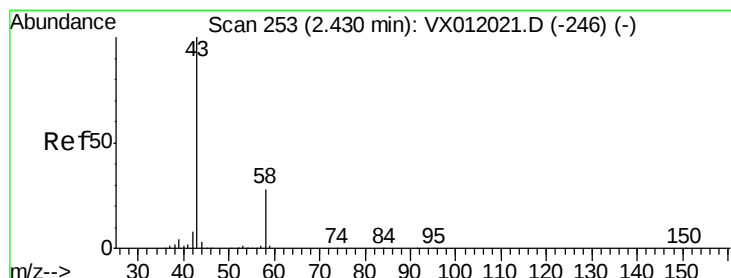
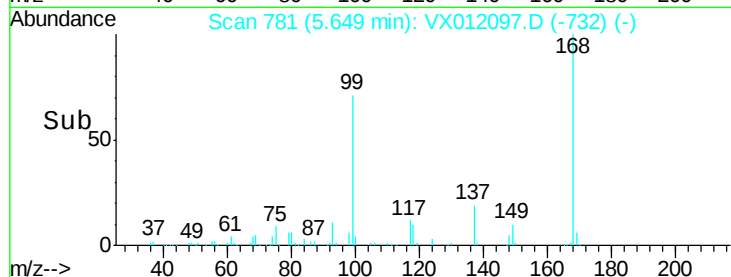
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.157 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012097.D

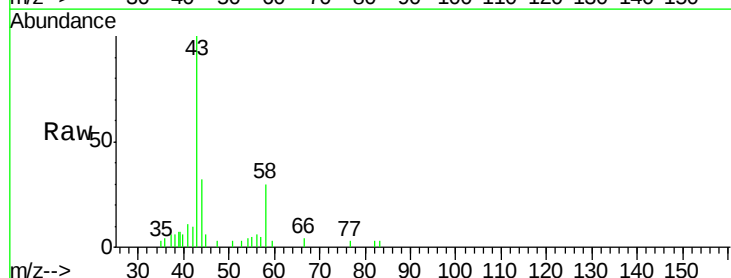
Acq: 05 Sep 2019 13:28

Tgt Ion: 43 Resp: 3310

Ion Ratio Lower Upper

43 100

58 32.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

2000

1500

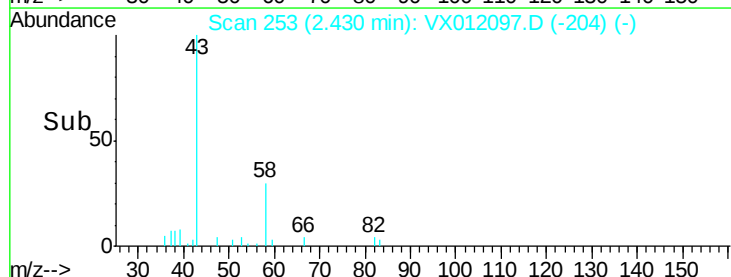
1000

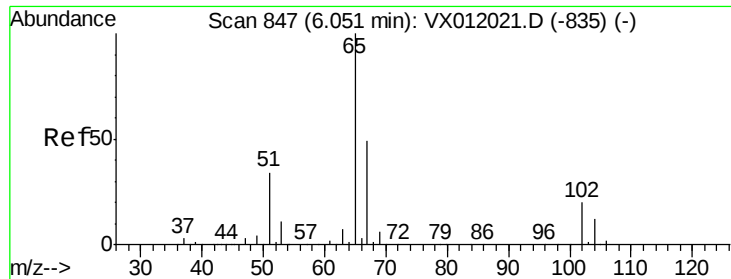
500

0

Time-->

2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 48.779 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012097.D

Acq: 05 Sep 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

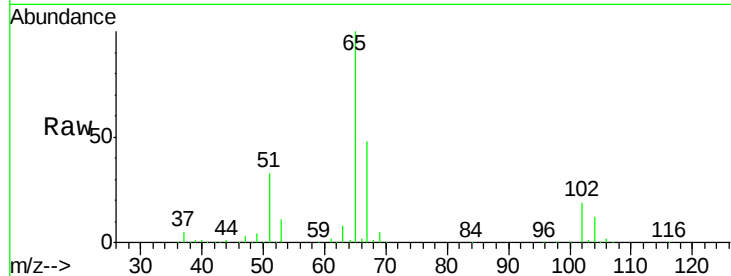
SB-3

Tot Ion: 65 Resp: 82810

Ion Ratio Lower Upper

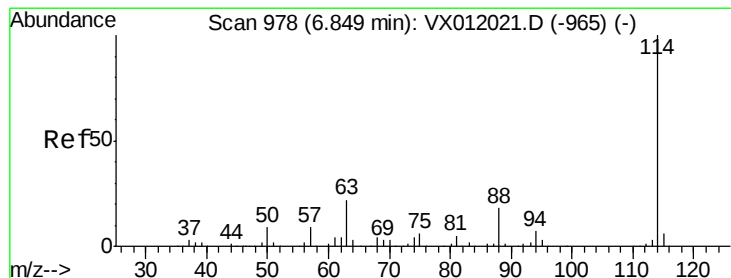
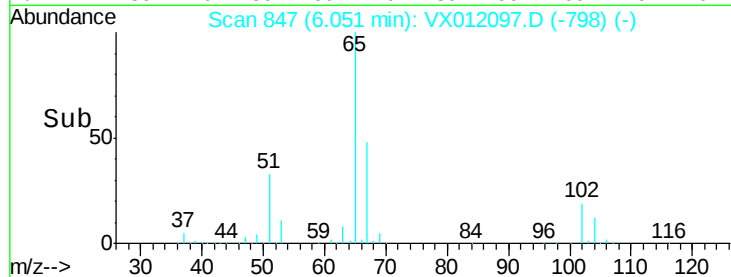
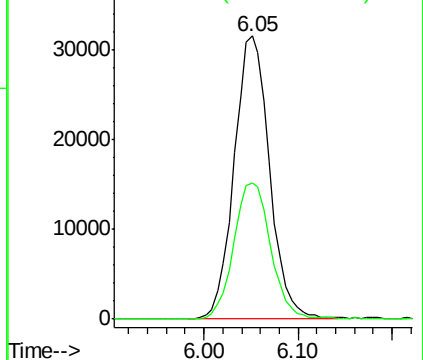
65 100

67 50.4 0.0 102.0



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012097.D

Acq: 05 Sep 2019 13:28

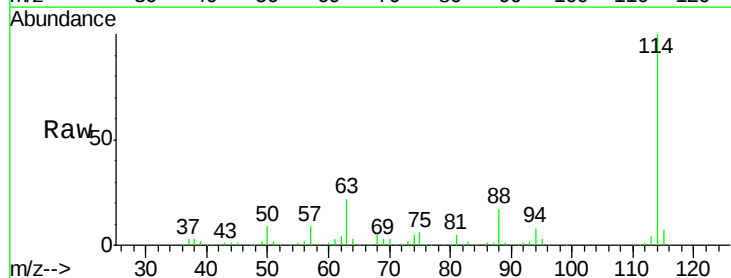
Tgt Ion: 114 Resp: 210193

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

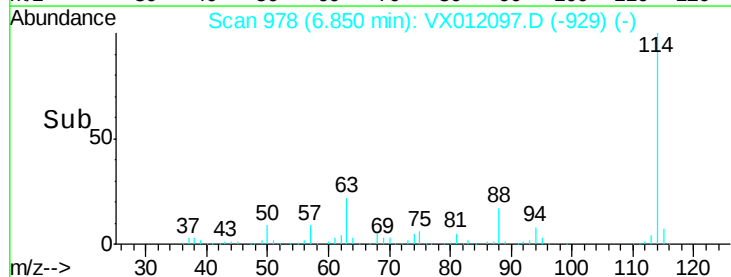
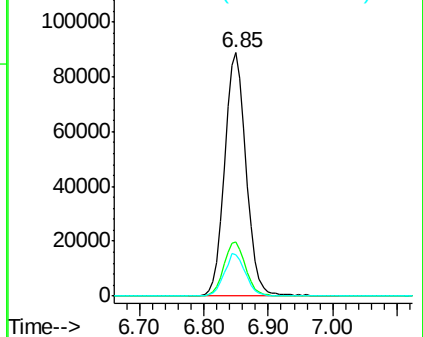
88 17.2 0.0 29.6

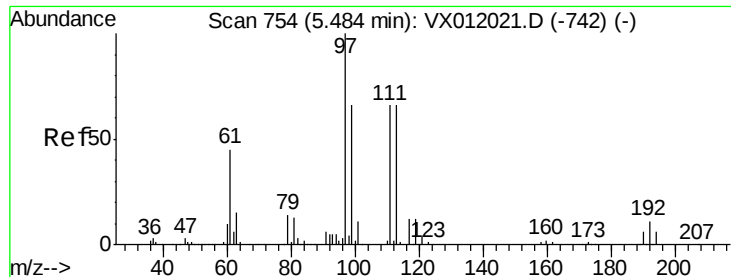


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.333 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012097.D

Acq: 05 Sep 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

SB-3

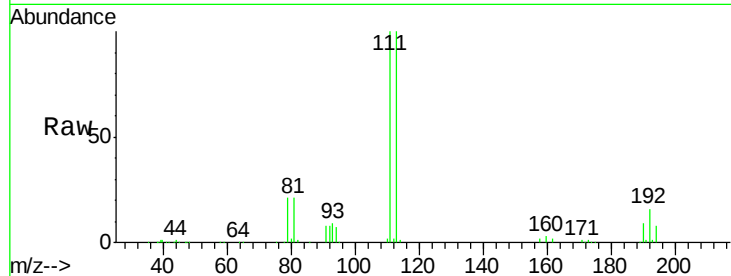
Tot Ion:113 Resp: 62477

Ion Ratio Lower Upper

113 100

111 101.3 81.7 122.5

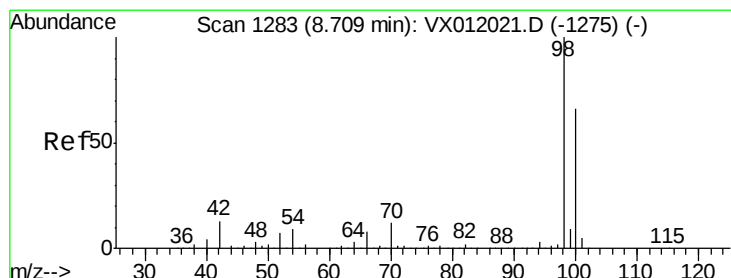
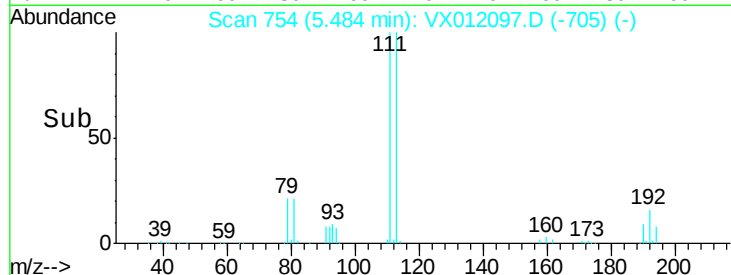
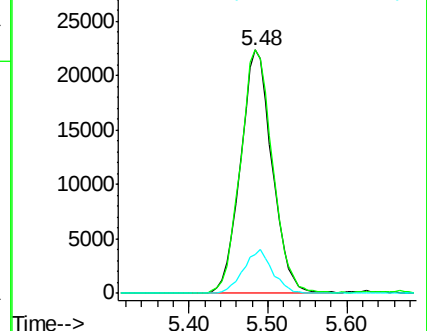
192 16.5 22.5 33.7#



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: 52.698 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012097.D

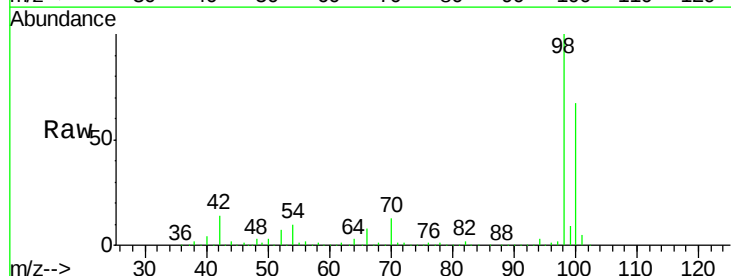
Acq: 05 Sep 2019 13:28

Tgt Ion: 98 Resp: 249967

Ion Ratio Lower Upper

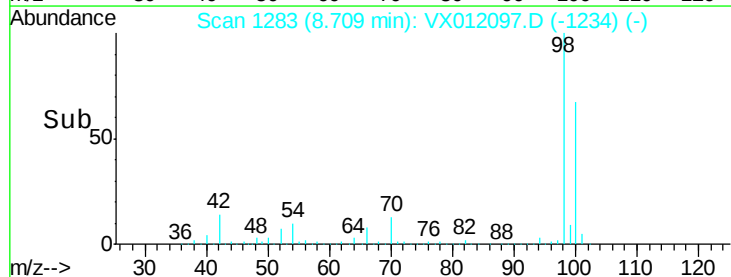
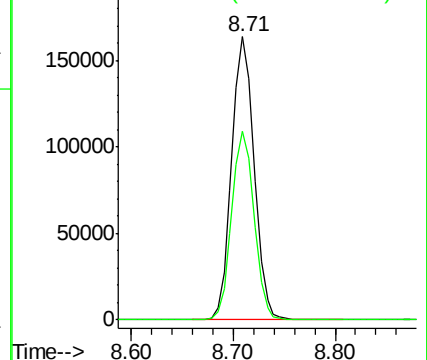
98 100

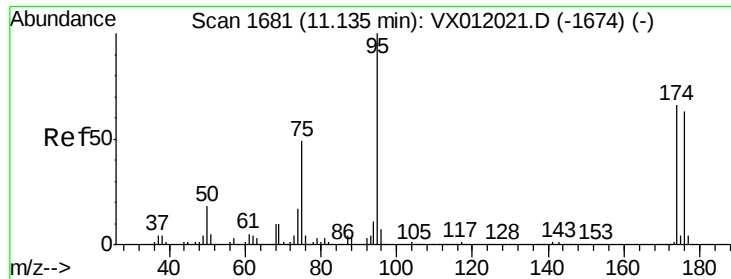
100 66.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

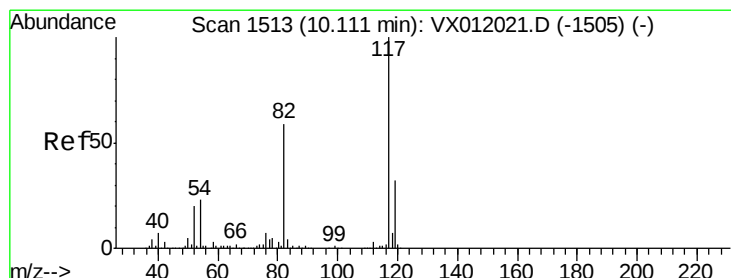
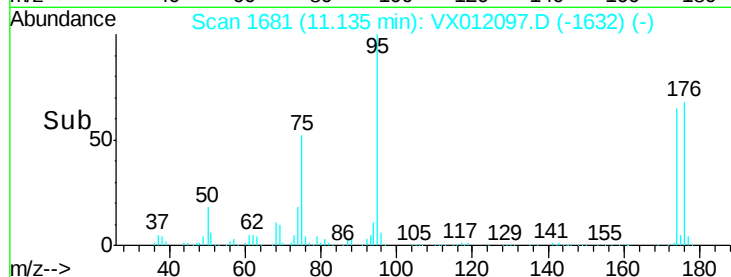
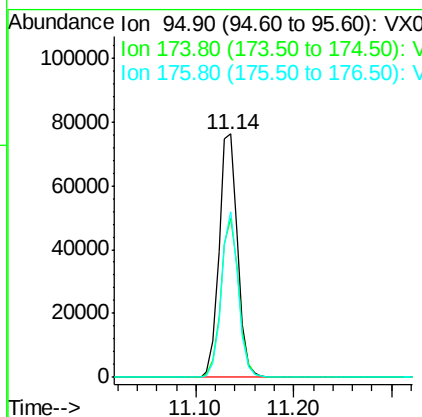
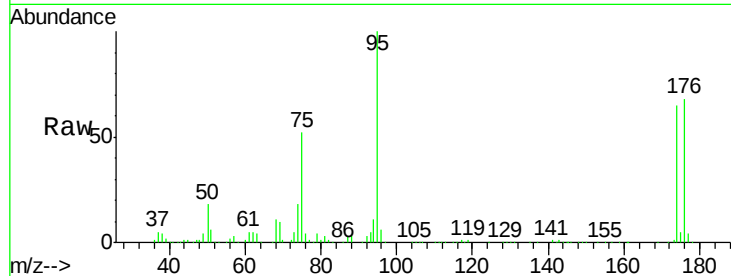




#62
4-Bromofluorobenzene
Concen: 45.194 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012097.D
Acq: 05 Sep 2019 13:28

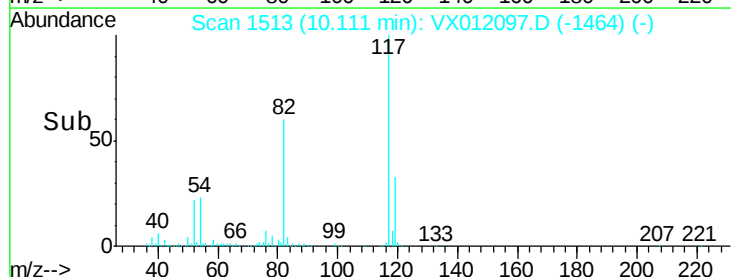
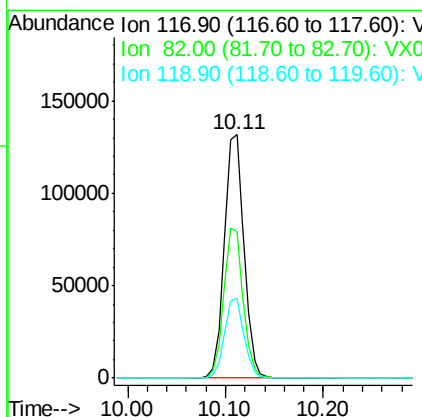
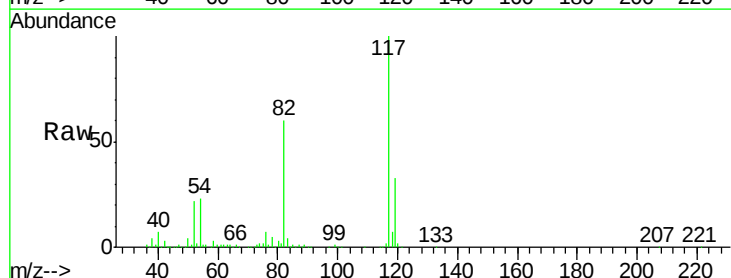
Instrument :
MSVOA_X
ClientSampleId :
SB-3

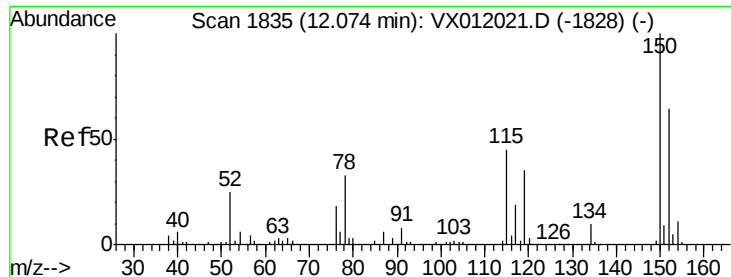
Tot Ion: 95 Resp: 99696
Ion Ratio Lower Upper
95 100
174 62.9 0.0 205.4
176 61.7 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012097.D
Acq: 05 Sep 2019 13:28

Tgt Ion: 117 Resp: 183785
Ion Ratio Lower Upper
117 100
82 60.1 39.4 59.0#
119 32.7 26.1 39.1

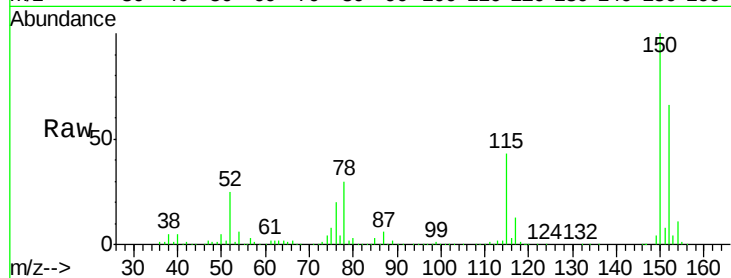




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012097.D
 Acq: 05 Sep 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3

Tot Ion:152 Resp: 84870
 Ion Ratio Lower Upper
 152 100
 115 65.3 36.4 109.3
 150 152.0 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

