

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012049.D
 Acq On : 04 Sep 2019 13:56
 Operator : SY/SP
 Sample : K4546-13
 Misc : 5.24g/5.0mL/MSVOA X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B1-(0)

Quant Time: Sep 04 14:37:55 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	18624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	30442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	24765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	9320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	11723	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
35) Dibromofluoromethane	5.49	113	8895	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
50) Toluene-d8	8.71	98	35171	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.14	95	12951	40.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.08%	

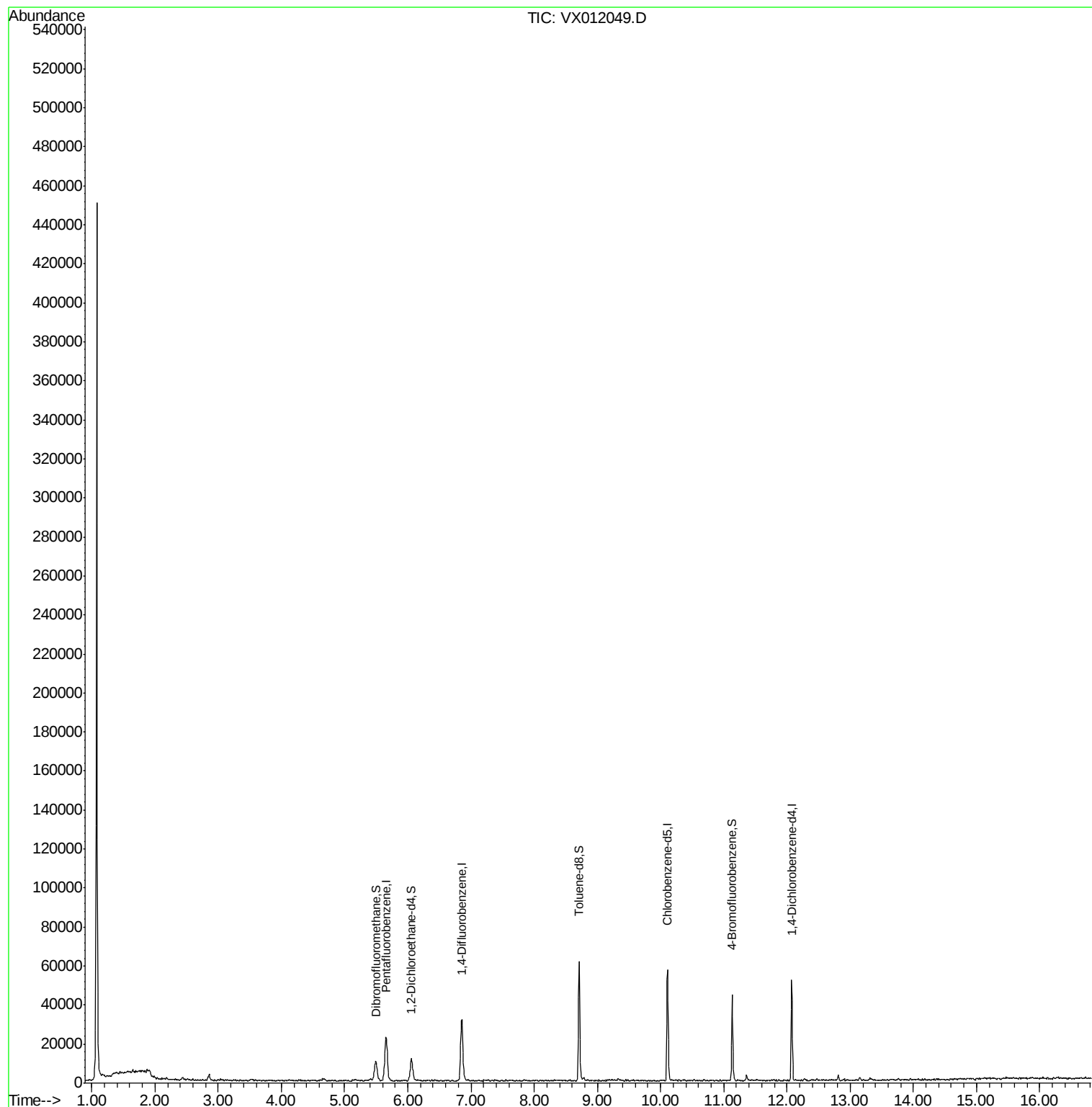
Target Compounds	Qvalue

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

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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# 782

Delta R.T. 0.01 min

Lab File: VX012049.D

Acq: 04 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

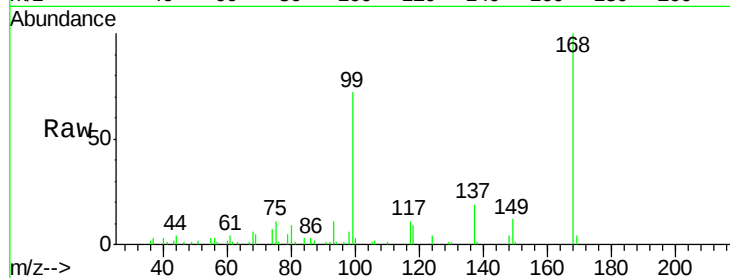
T3-S-B1-(0)

Tot Ion:168 Resp: 18624

Ion Ratio Lower Upper

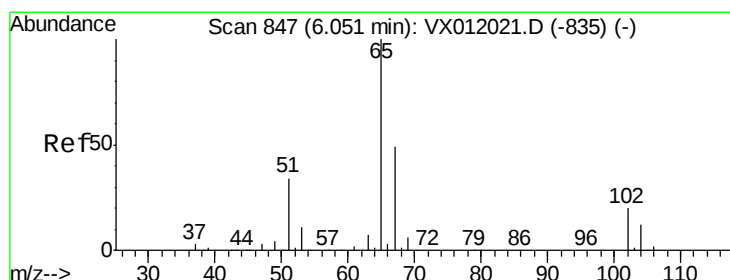
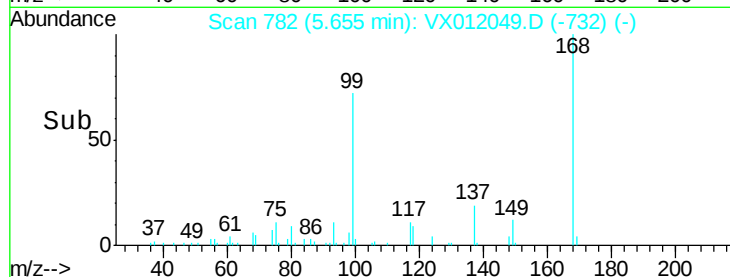
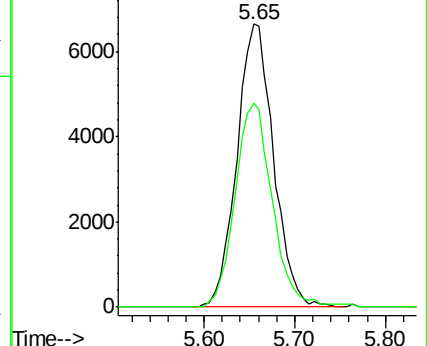
168 100

99 72.0 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: 45.619 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012049.D

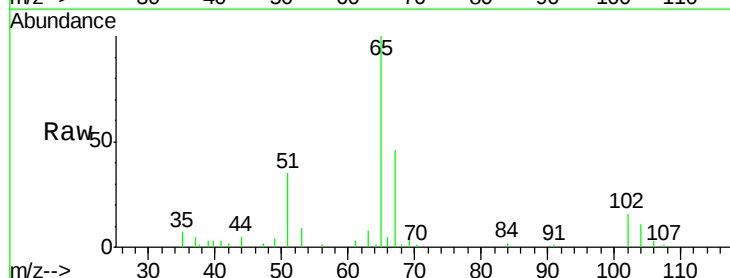
Acq: 04 Sep 2019 13:56

Tgt Ion: 65 Resp: 11723

Ion Ratio Lower Upper

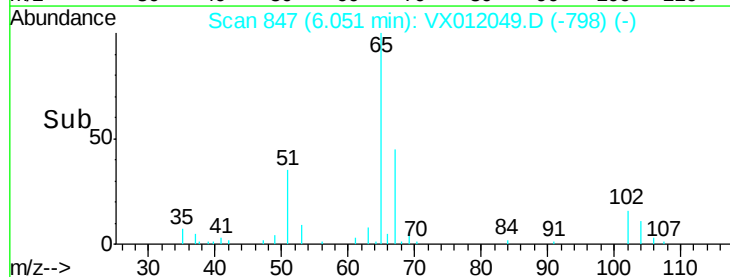
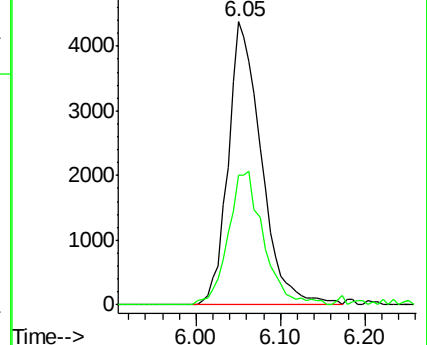
65 100

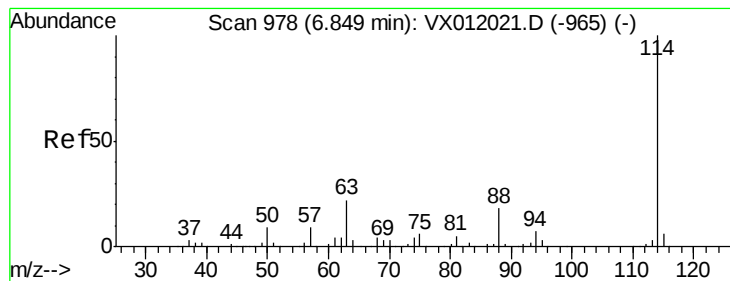
67 50.1 0.0 102.0



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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX012049.D

Acq: 04 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

T3-S-B1-(0)

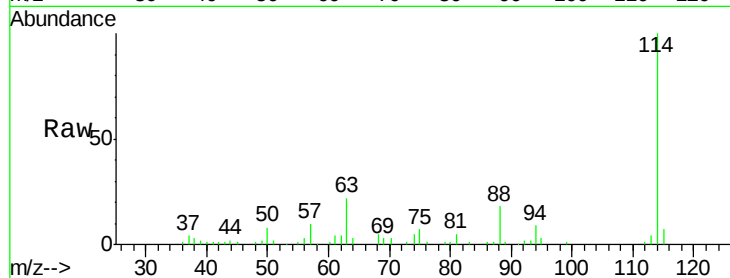
Tot Ion:114 Resp: 30442

Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.4

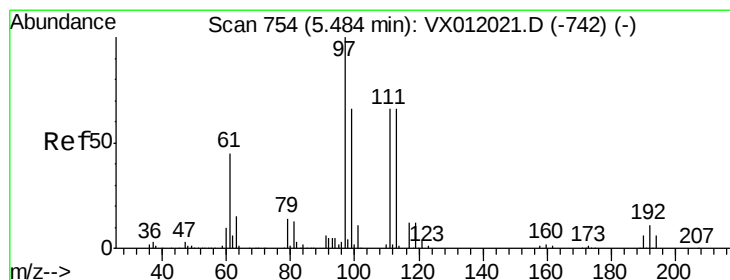
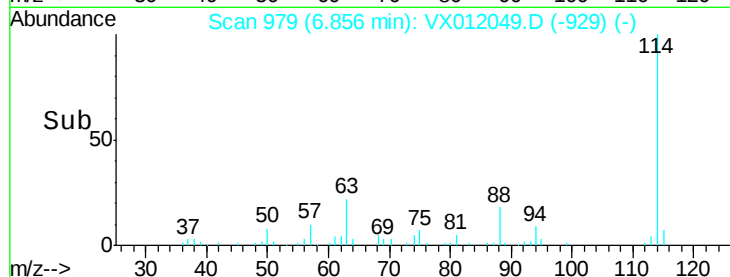
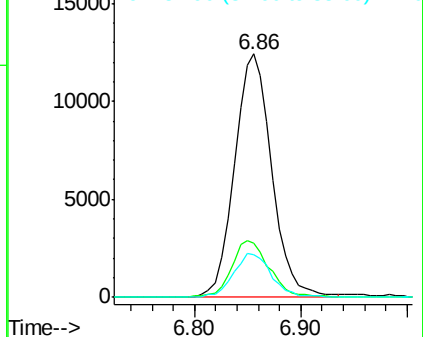
88 17.5 0.0 29.6



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: 47.514 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012049.D

Acq: 04 Sep 2019 13:56

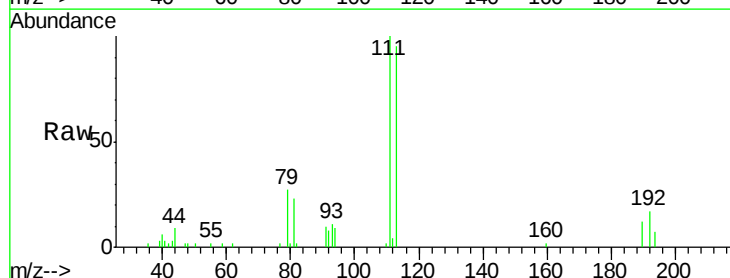
Tgt Ion:113 Resp: 8895

Ion Ratio Lower Upper

113 100

111 101.2 81.7 122.5

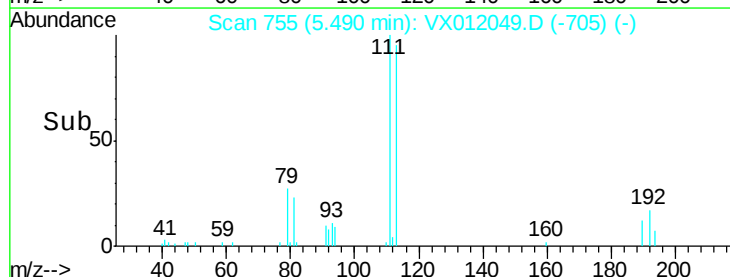
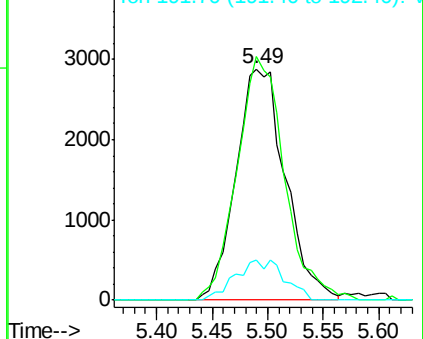
192 17.3 22.5 33.7#

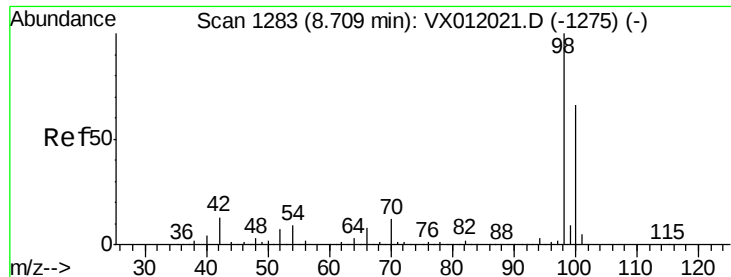


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

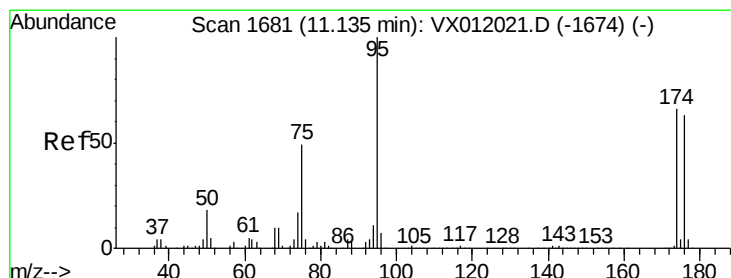
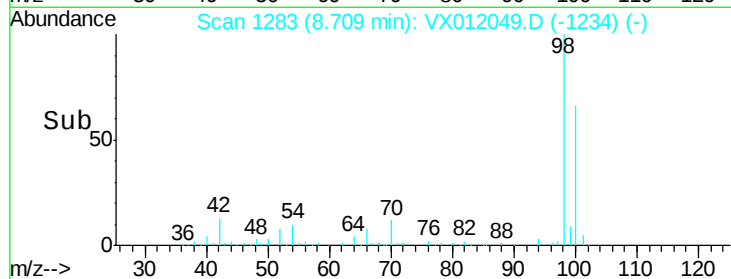
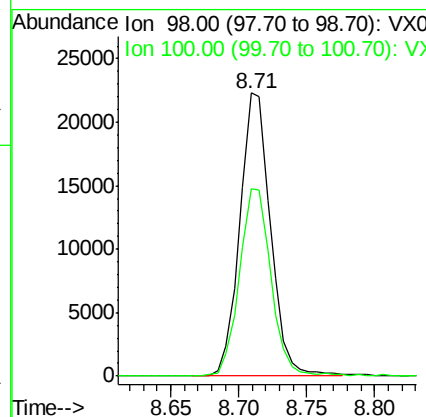
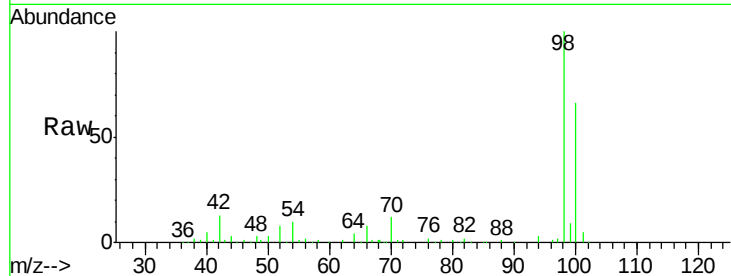




#50
Toluene-d8
Concen: 51.197 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012049.D
Acq: 04 Sep 2019 13:56

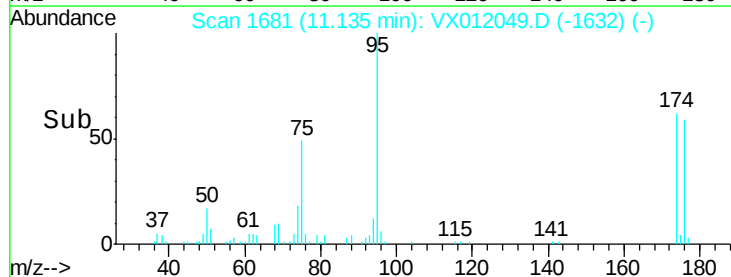
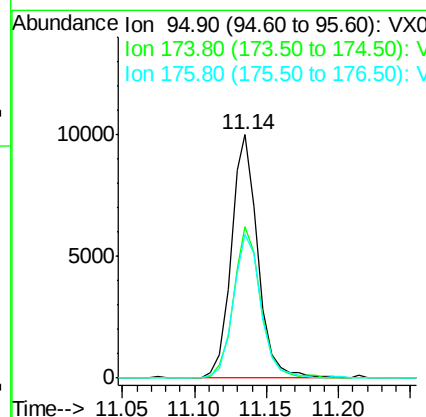
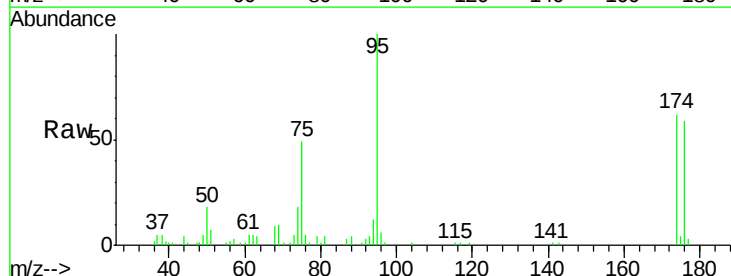
Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(0)

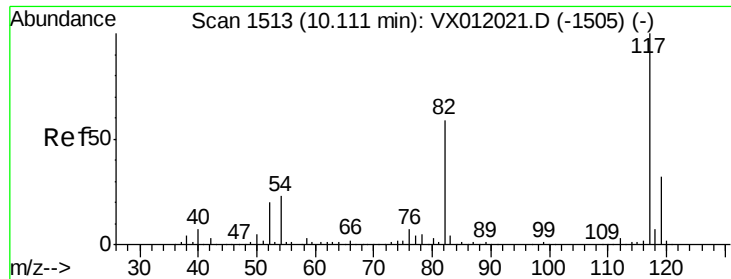
Tot Ion: 98 Resp: 35171
Ion Ratio Lower Upper
98 100
100 67.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 40.537 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012049.D
Acq: 04 Sep 2019 13:56

Tgt Ion: 95 Resp: 12951
Ion Ratio Lower Upper
95 100
174 63.1 0.0 205.4
176 61.0 0.0 201.8

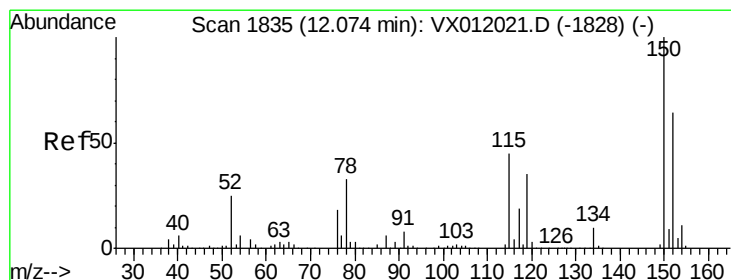
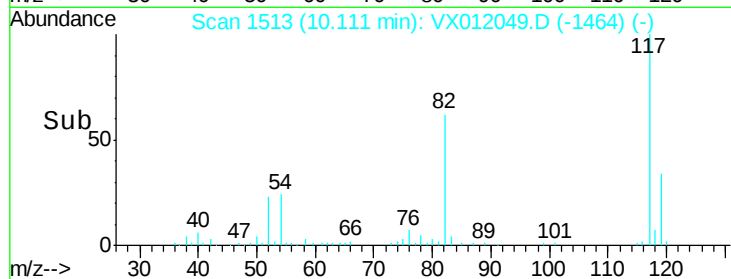
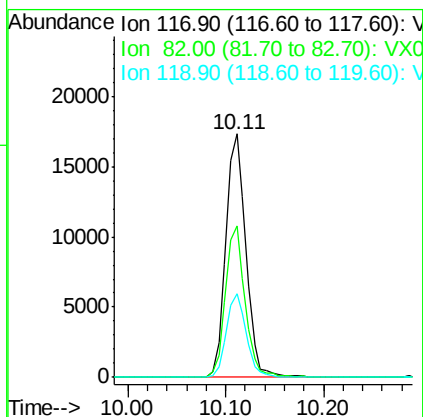
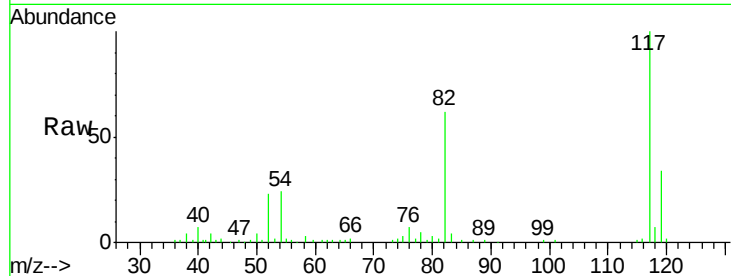




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012049.D
Acq: 04 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(0)

Tot Ion:117 Resp: 24765
Ion Ratio Lower Upper
117 100
82 62.1 39.4 59.0#
119 34.1 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: VX012049.D
Acq: 04 Sep 2019 13:56

Tgt Ion:152 Resp: 9320
Ion Ratio Lower Upper
152 100
115 68.0 36.4 109.3
150 159.0 0.0 341.2

