

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091219\
 Data File : VX012357.D
 Acq On : 12 Sep 2019 19:47
 Operator : SY/SP
 Sample : K4752-05
 Misc : 4.99g/5.0mL/MSVOA X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-13-14.5-15.0

Quant Time: Sep 13 02:27:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

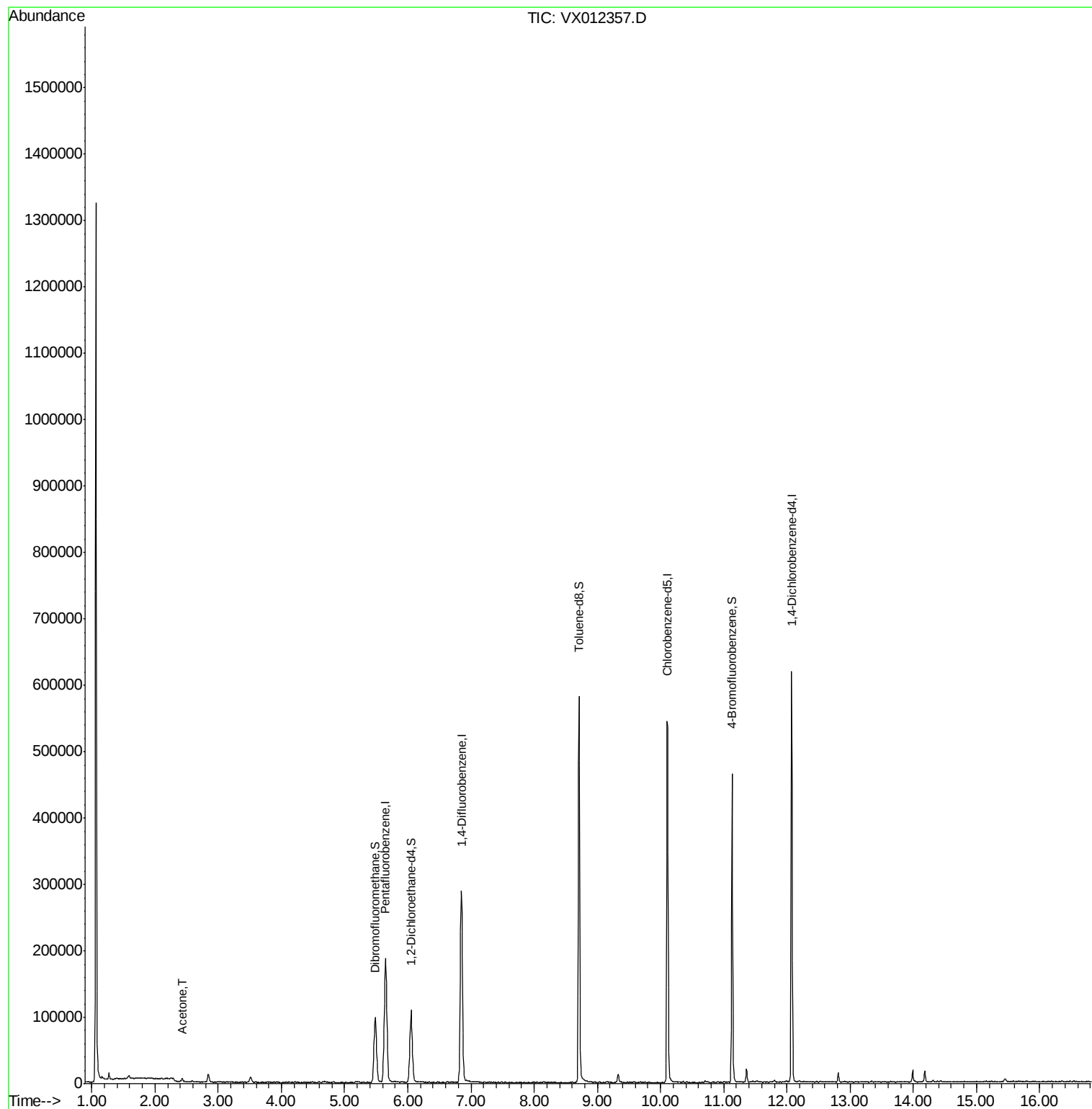
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	277857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	109049	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	5.48	113	81231	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
50) Toluene-d8	8.71	98	331493	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.14	95	131621	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
Target Compounds						
16) Acetone	2.43	43	5098	9.389	ug/l	Qvalue 98

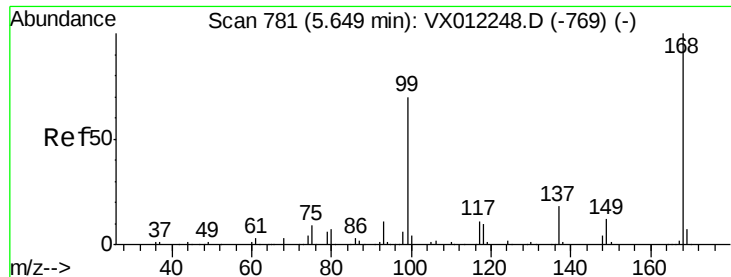
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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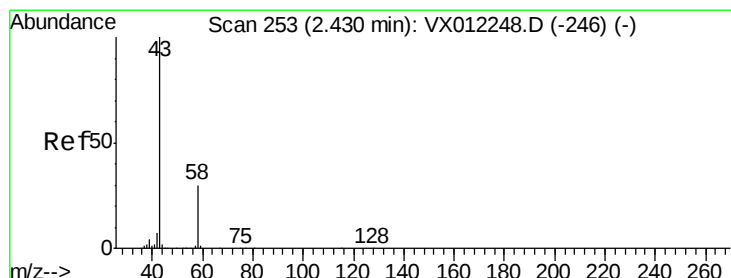
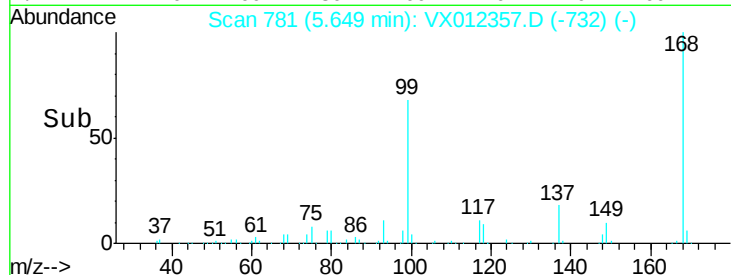
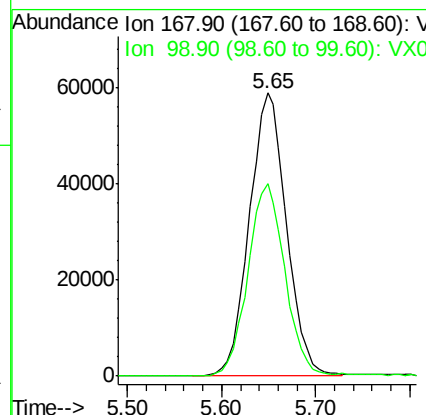
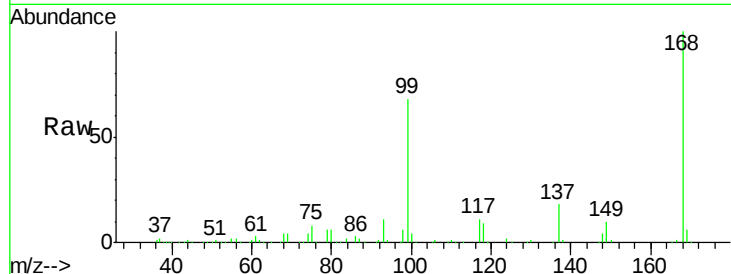




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012357.D
Acq: 12 Sep 2019 19:47

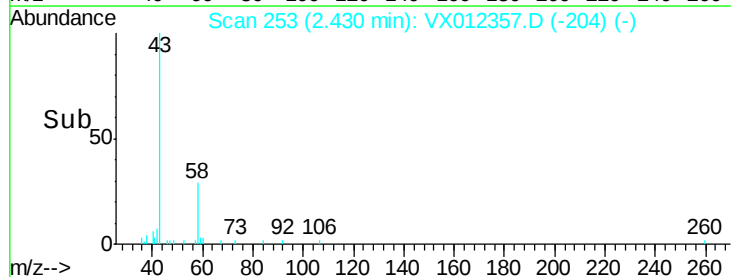
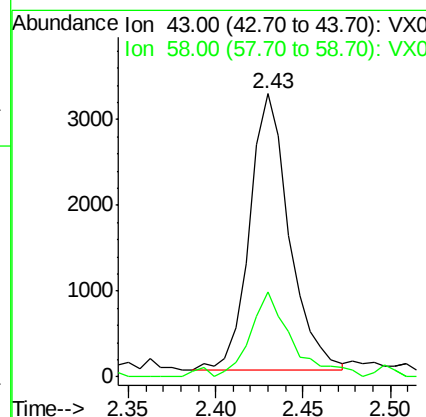
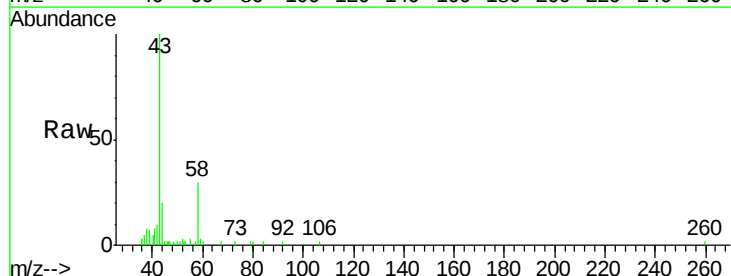
Instrument :
MSVOA_X
ClientSampleId :
SB-13-14.5-15.0

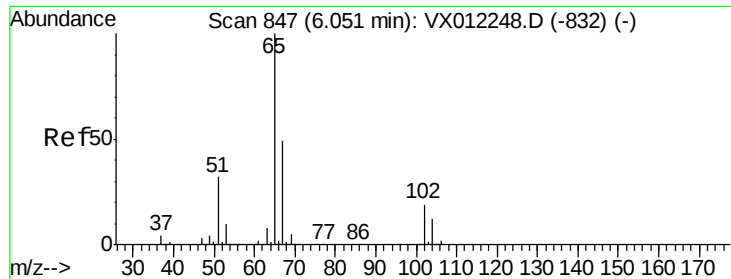
Tot Ion:168 Resp: 162229
Ion Ratio Lower Upper
168 100
99 67.9 55.8 83.6



#16
Acetone
Concen: 9.389 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012357.D
Acq: 12 Sep 2019 19:47

Tgt Ion: 43 Resp: 5098
Ion Ratio Lower Upper
43 100
58 28.6 23.6 35.4





#33

1,2-Dichloroethane-d4

Concen: 47.545 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012357.D

Acq: 12 Sep 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

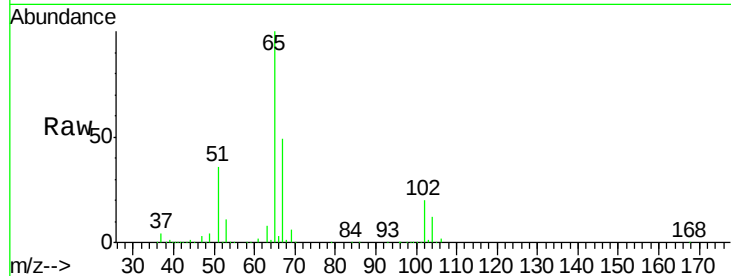
SB-13-14.5-15.0

Tot Ion: 65 Resp: 109049

Ion Ratio Lower Upper

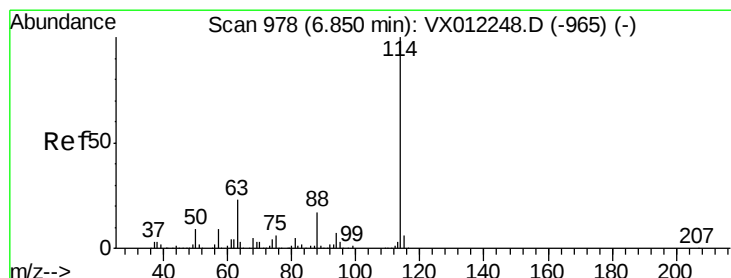
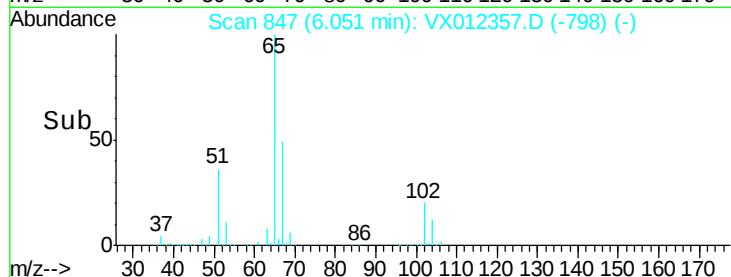
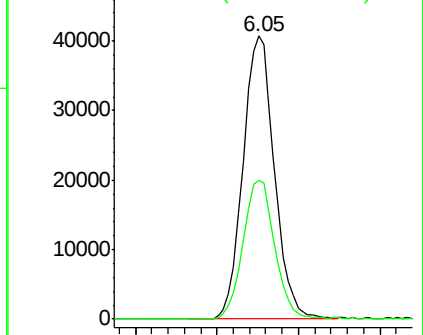
65 100

67 50.1 0.0 99.8



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012357.D

Acq: 12 Sep 2019 19:47

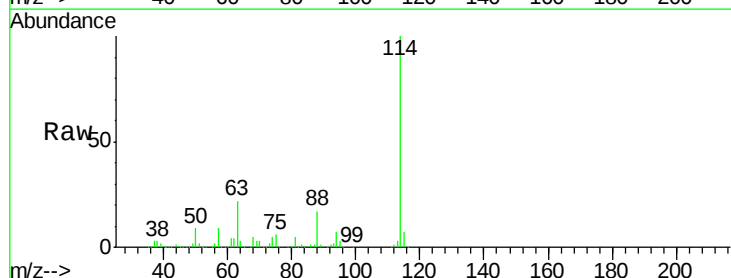
Tgt Ion: 114 Resp: 277857

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

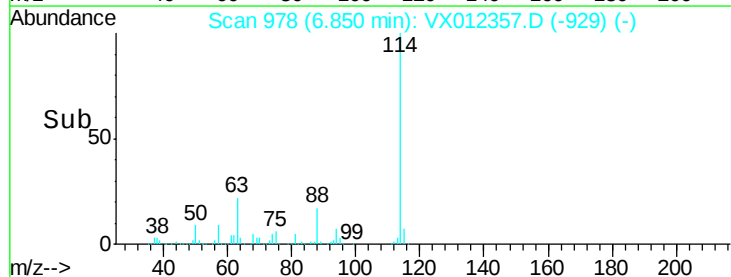
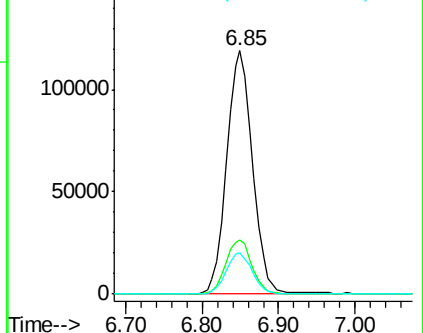
88 16.9 0.0 34.8

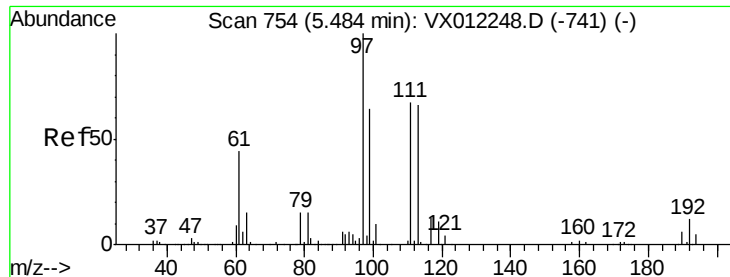


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

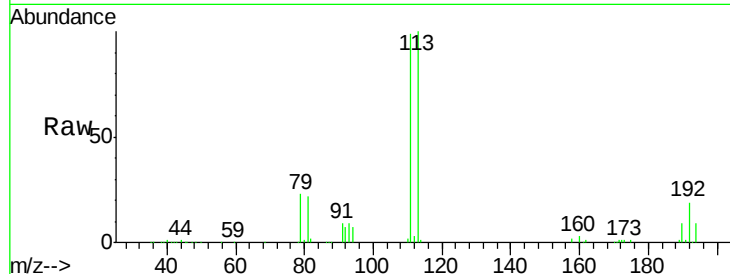




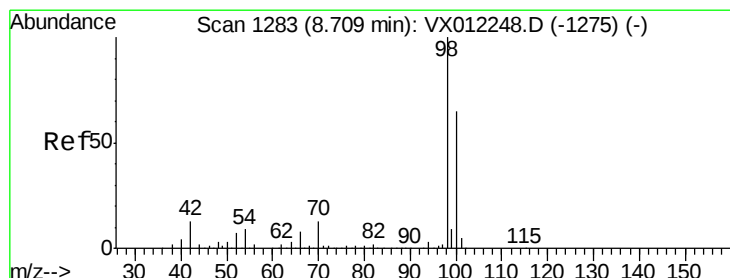
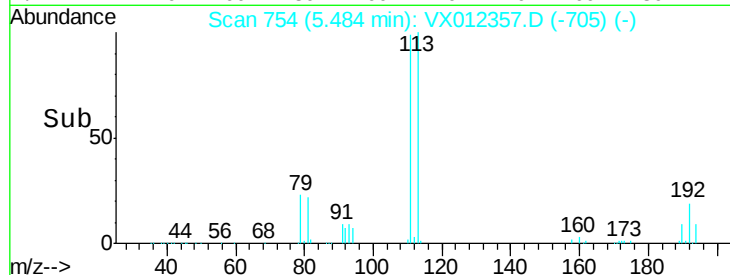
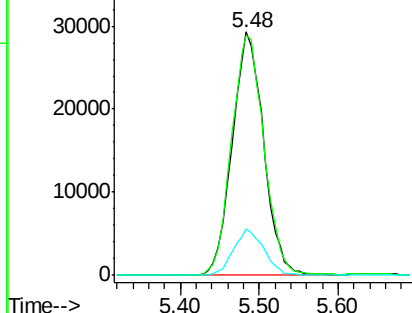
#35
 Dibromofluoromethane
 Concen: 45.605 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012357.D
 Acq: 12 Sep 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-13-14.5-15.0

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.6
192	18.6	14.3	21.5

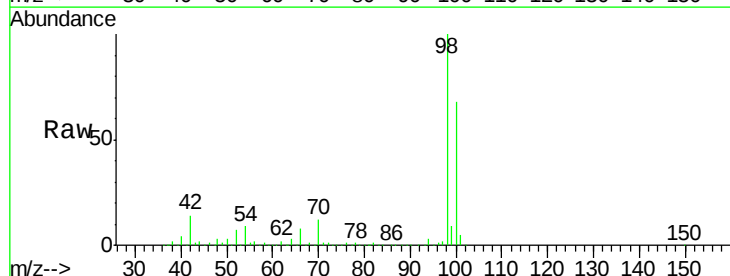


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

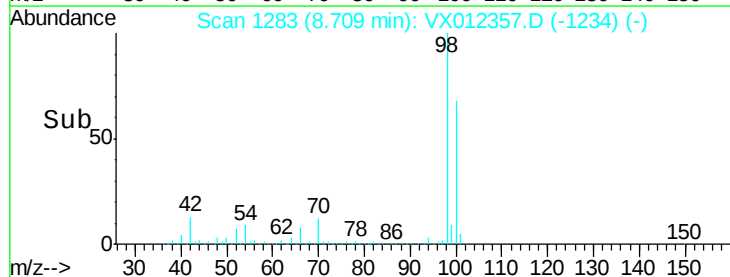
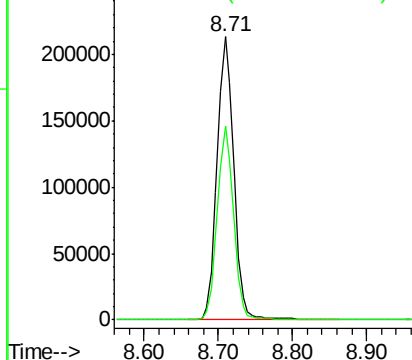


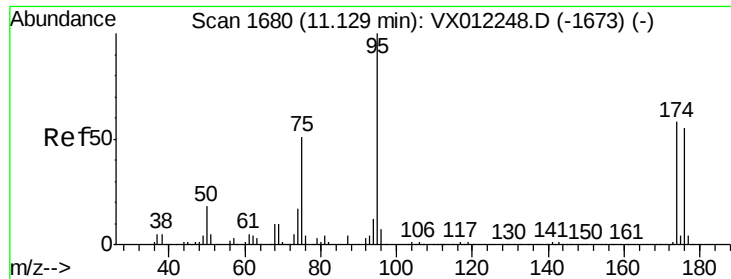
#50
 Toluene-d8
 Concen: 53.062 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012357.D
 Acq: 12 Sep 2019 19:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	54.1	81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.446 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012357.D

Acq: 12 Sep 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

SB-13-14.5-15.0

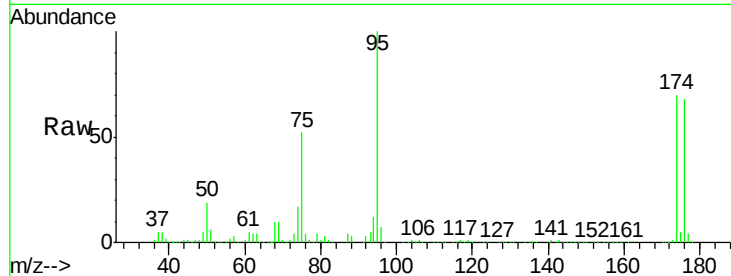
Tot Ion: 95 Resp: 131621

Ion Ratio Lower Upper

95 100

174 66.9 0.0 127.0

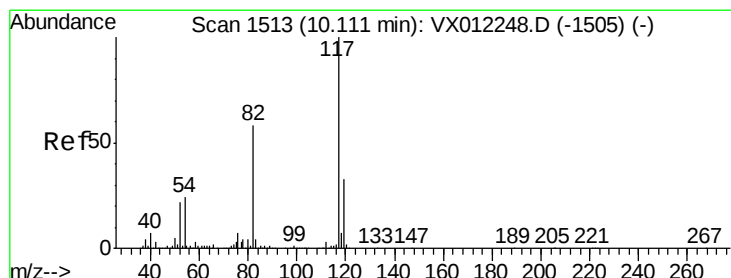
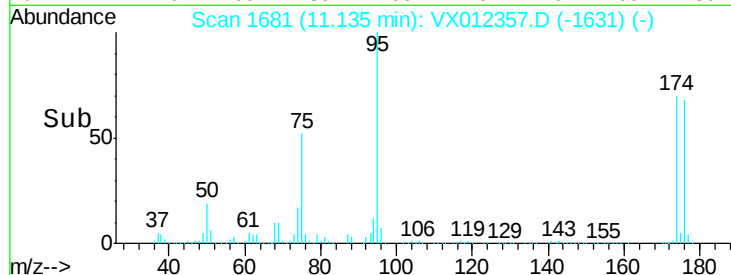
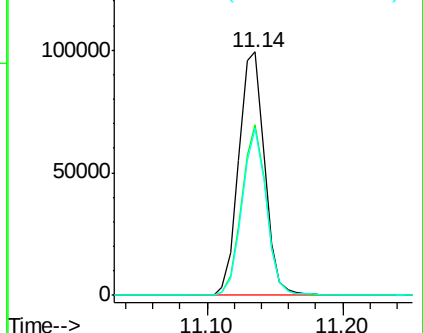
176 64.7 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX012248.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX012248.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX012248.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012357.D

Acq: 12 Sep 2019 19:47

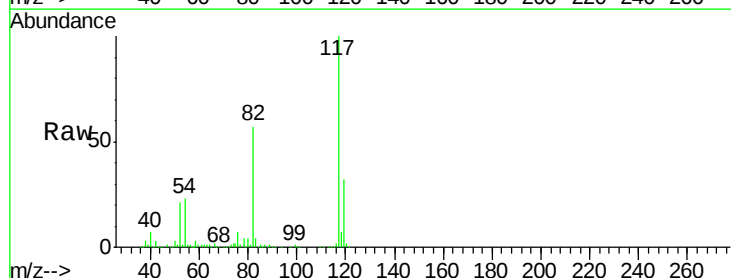
Tgt Ion: 117 Resp: 248822

Ion Ratio Lower Upper

117 100

82 56.6 46.4 69.6

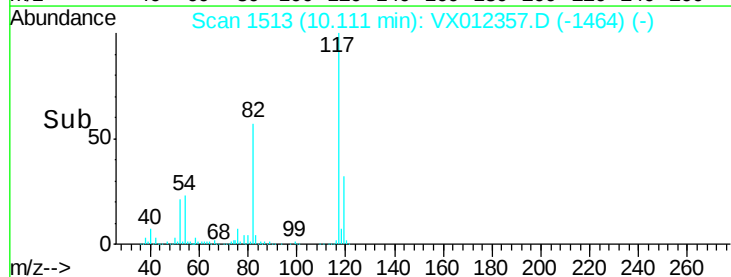
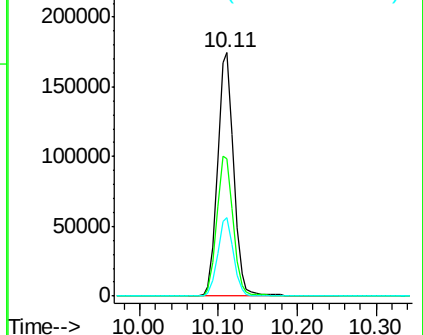
119 32.0 26.6 39.8

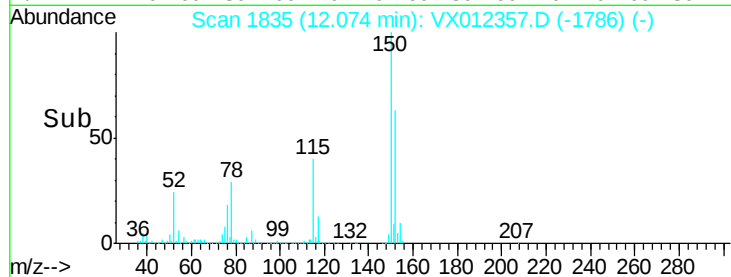
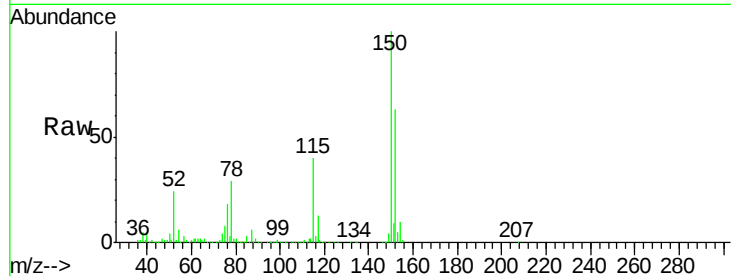
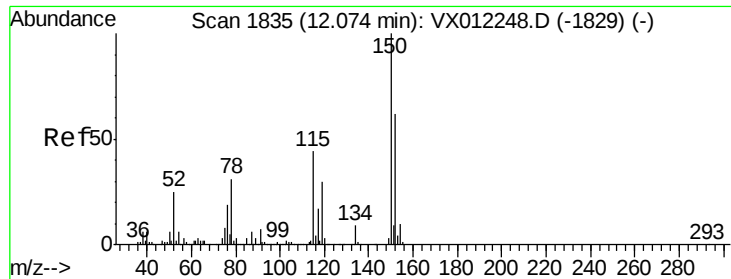


Abundance Ion 116.90 (116.60 to 117.60): VX012248.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012248.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012248.D (-1505) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012357.D

Acq: 12 Sep 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

SB-13-14.5-15.0

Tot Ion:152 Resp: 117221

Ion Ratio Lower Upper

152 100

115 64.2 45.5 136.4

150 159.7 0.0 346.4

