

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012580.D
 Acq On : 21 Sep 2019 00:56
 Operator : JC/SP
 Sample : K4956-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0547

Quant Time: Sep 21 04:00:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

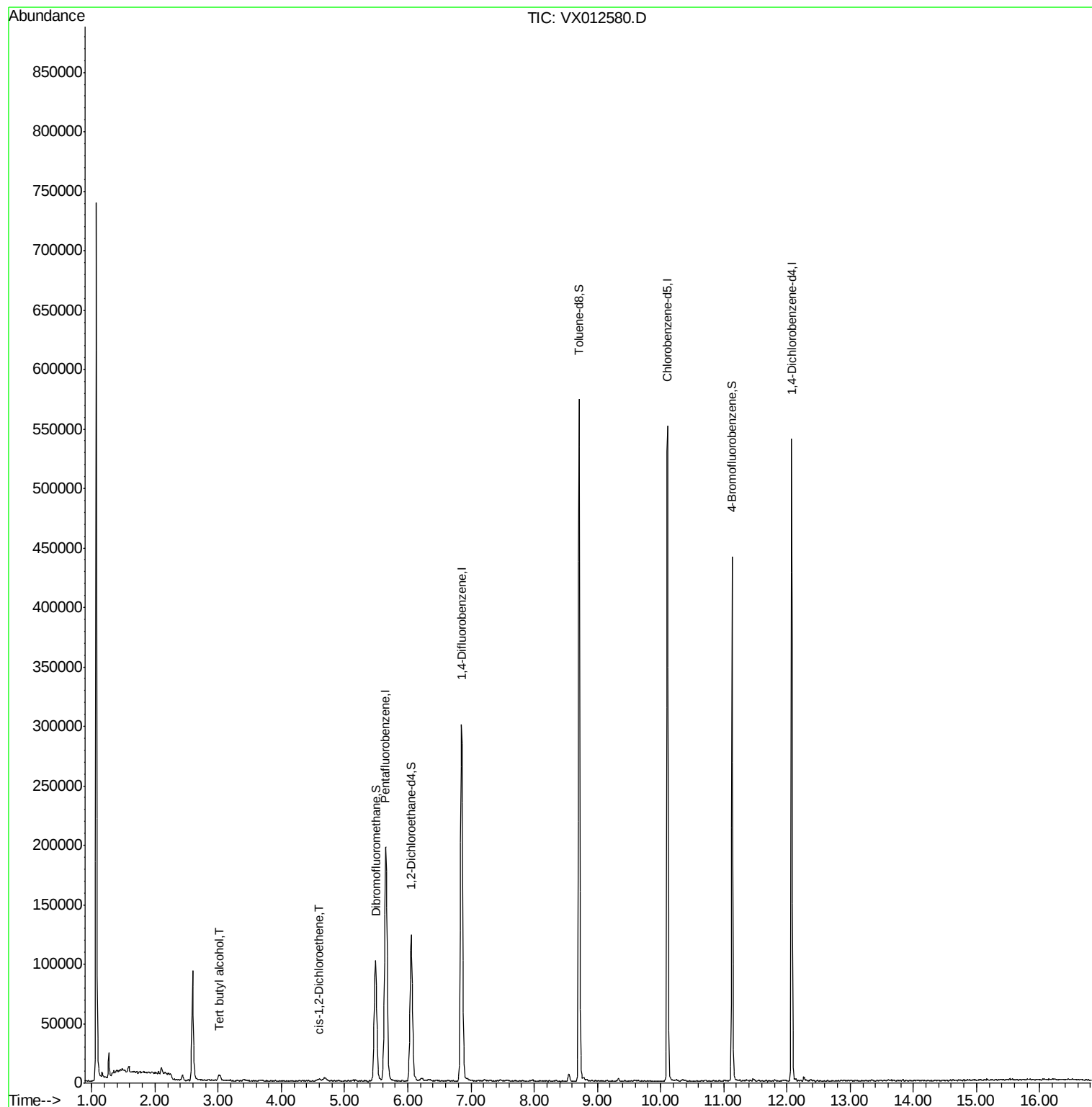
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291009	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119294	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
35) Dibromofluoromethane	5.48	113	86870	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	8.71	98	330930	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.14	95	119225	44.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.08%	
Target Compounds						
11) Tert butyl alcohol	3.03	59	5606	2.854	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	1078	0.621	ug/l	89

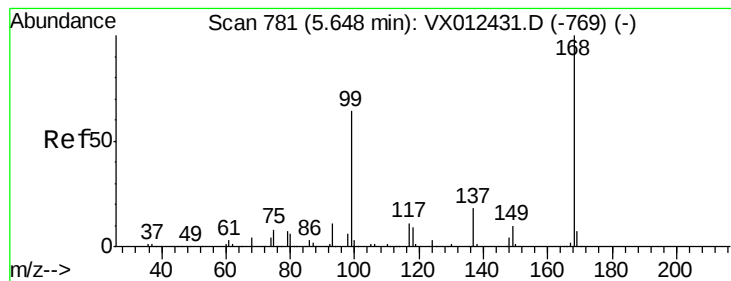
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012580.D

Acq: 21 Sep 2019 00:56

Instrument :

MSVOA_X

ClientSampleId :

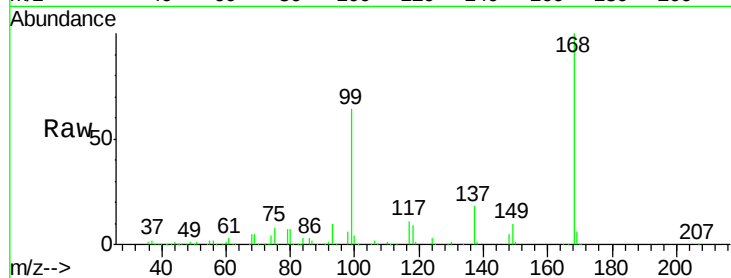
S49-0547

Tot Ion:168 Resp: 178126

Ion Ratio Lower Upper

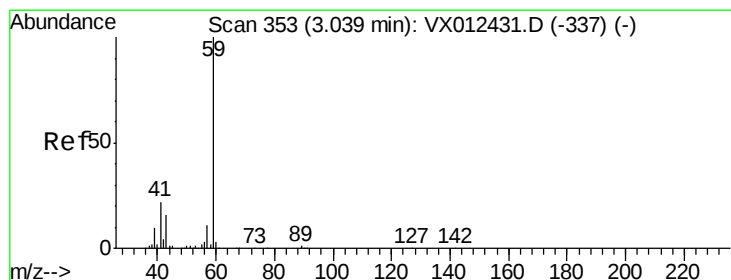
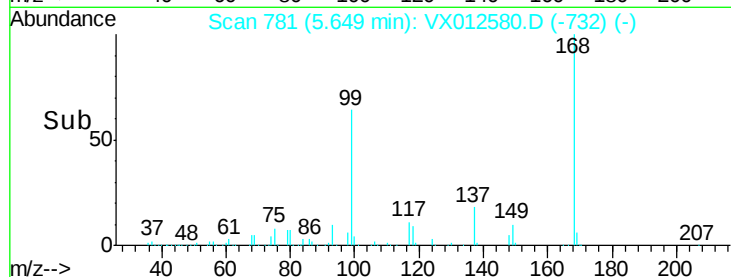
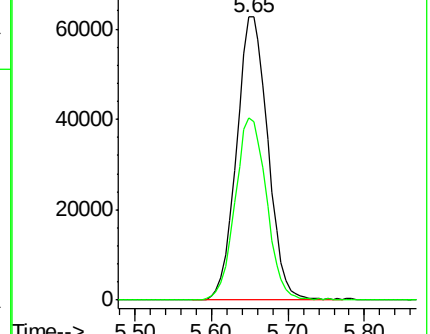
168 100

99 64.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 2.854 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX012580.D

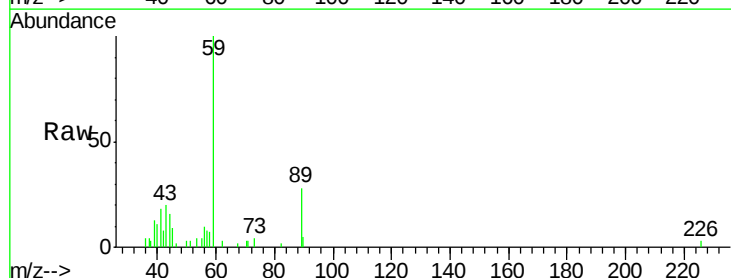
Acq: 21 Sep 2019 00:56

Tgt Ion: 59 Resp: 5606

Ion Ratio Lower Upper

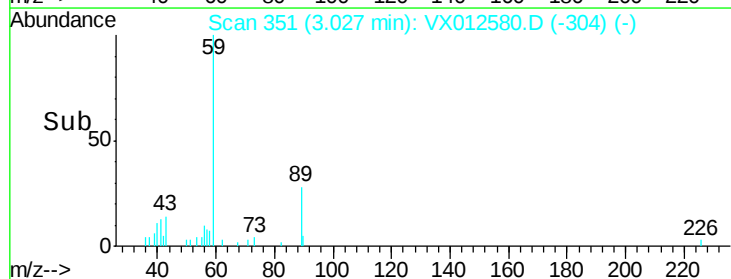
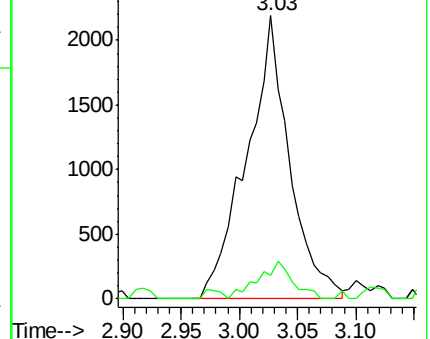
59 100

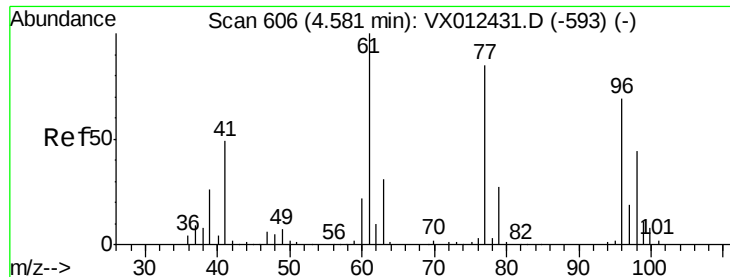
57 10.8 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



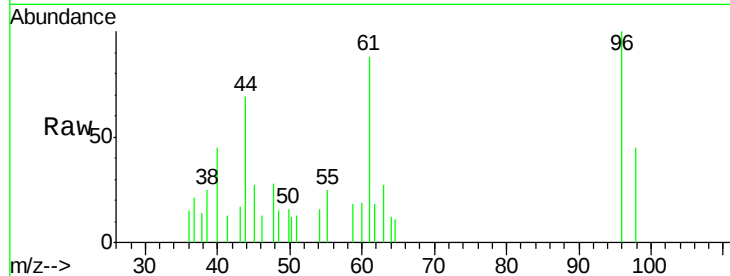


#27

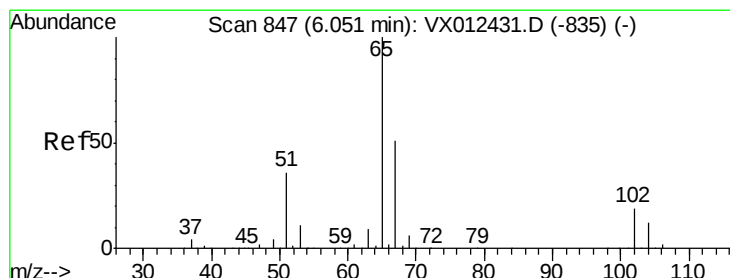
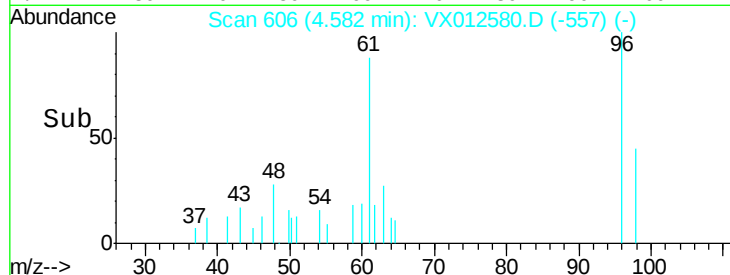
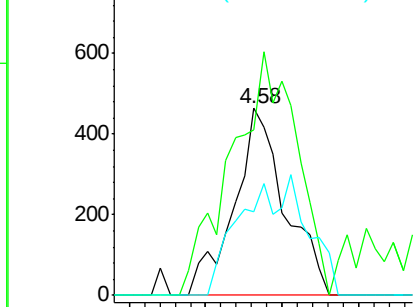
cis-1,2-Dichloroethene
 Concen: 0.621 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012580.D
 Acq: 21 Sep 2019 00:56

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0547

Tot Ion: 96 Resp: 1078
 Ion Ratio Lower Upper
 96 100
 61 166.0 0.0 319.4
 98 44.9 0.0 130.6



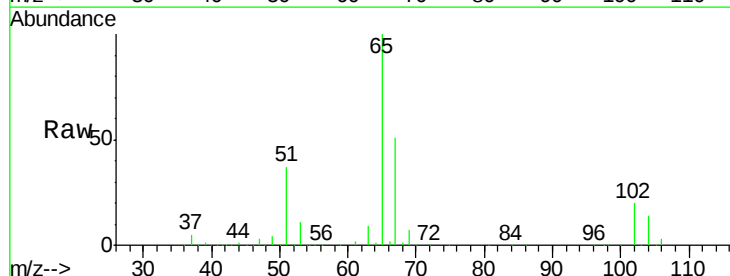
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



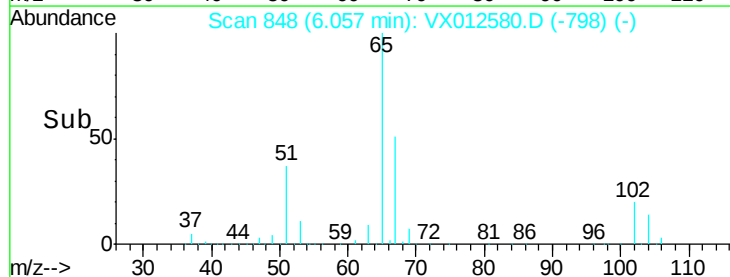
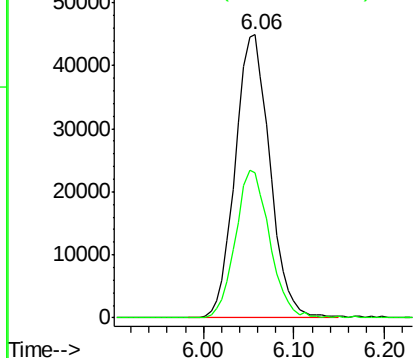
#33

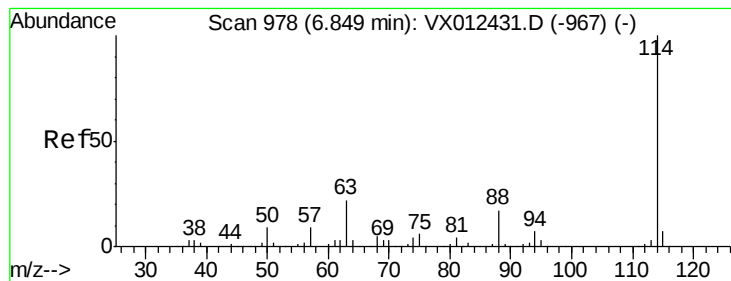
1,2-Dichloroethane-d4
 Concen: 46.729 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012580.D
 Acq: 21 Sep 2019 00:56

Tgt Ion: 65 Resp: 119294
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.2



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: VX012580.D

Acq: 21 Sep 2019 00:56

Instrument :

MSVOA_X

ClientSampleId :

S49-0547

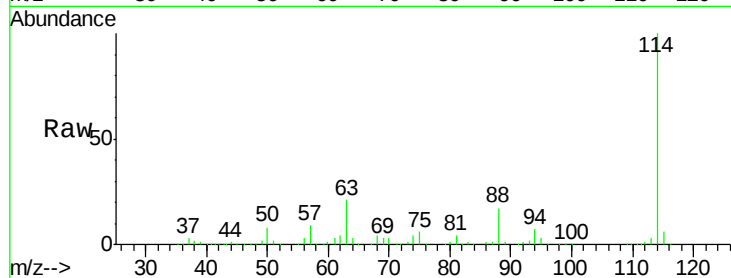
Tot Ion:114 Resp: 291009

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

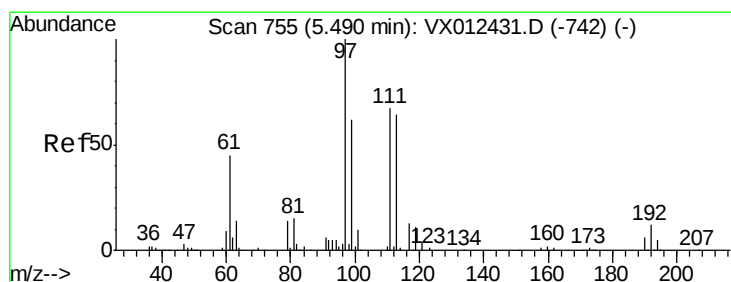
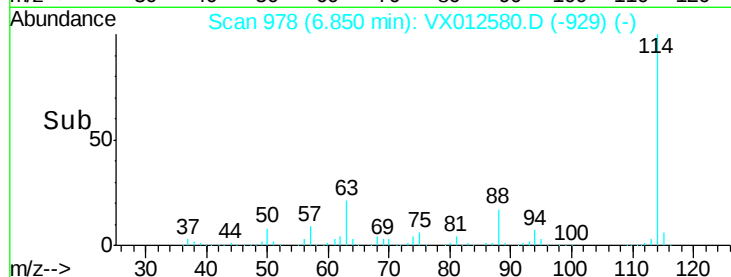
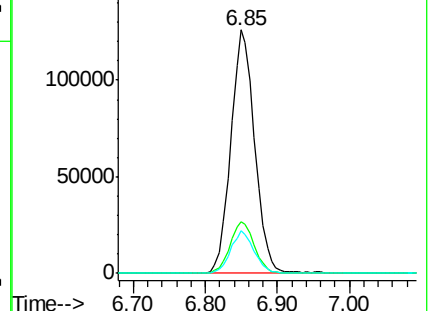
88 17.3 0.0 33.2



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: 49.320 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012580.D

Acq: 21 Sep 2019 00:56

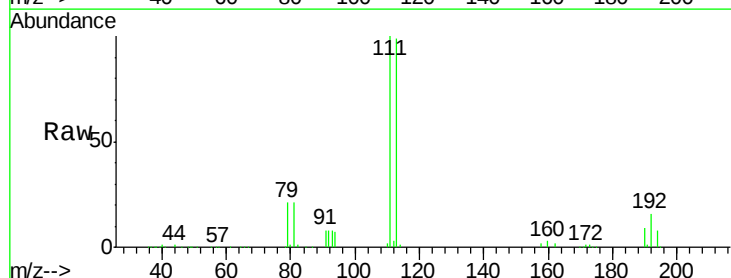
Tgt Ion:113 Resp: 86870

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

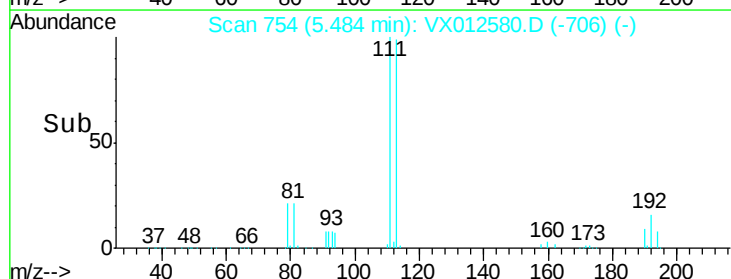
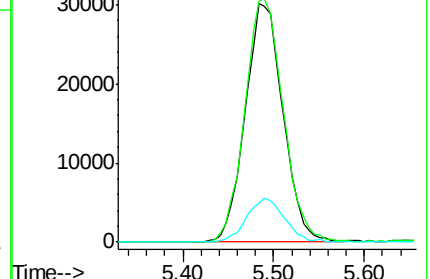
192 18.5 14.4 21.6

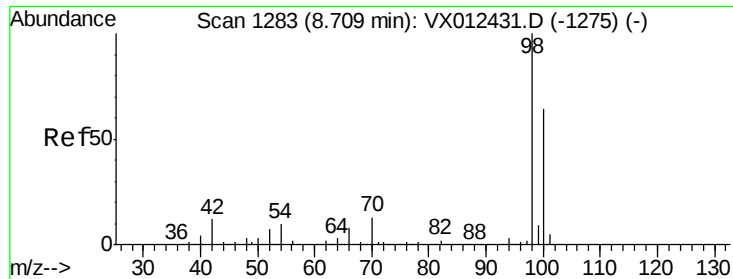


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

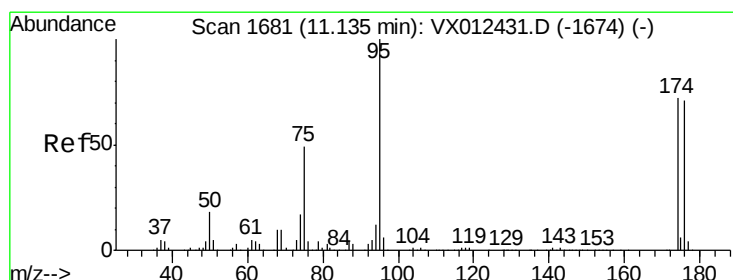
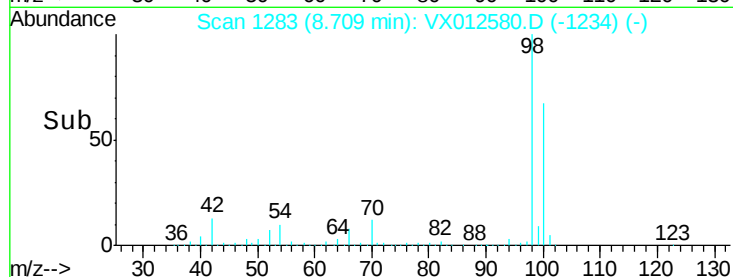
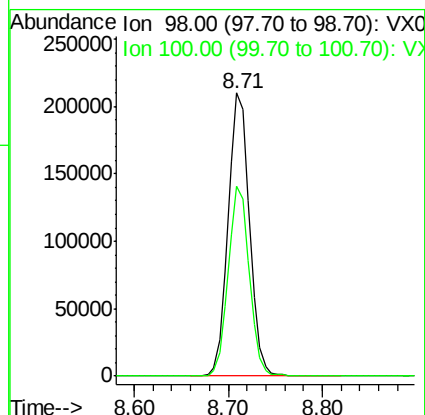
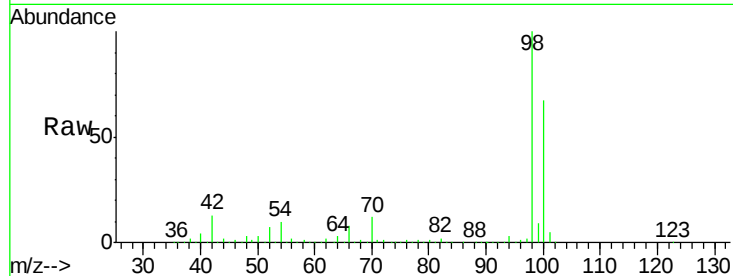




#50
Toluene-d8
Concen: 50.760 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012580.D
Acq: 21 Sep 2019 00:56

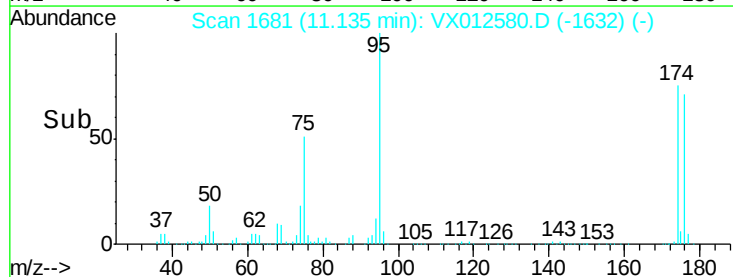
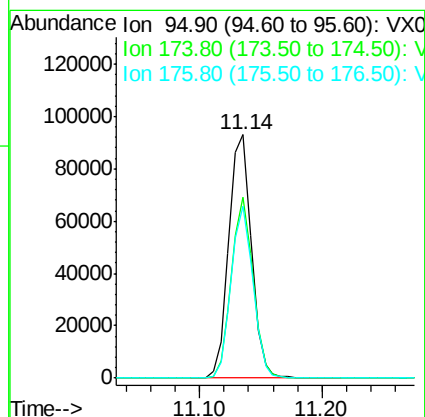
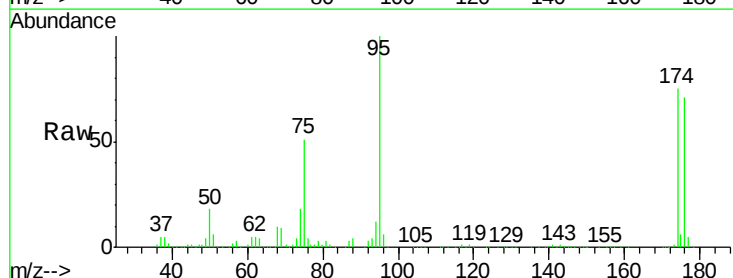
Instrument :
MSVOA_X
ClientSampleId :
S49-0547

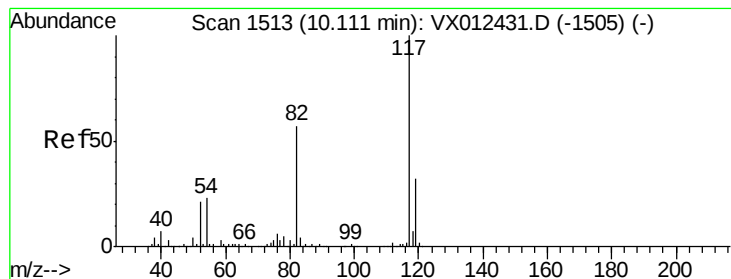
Tot Ion: 98 Resp: 330930
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 44.044 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012580.D
Acq: 21 Sep 2019 00:56

Tgt Ion: 95 Resp: 119225
Ion Ratio Lower Upper
95 100
174 71.2 0.0 140.0
176 68.2 0.0 135.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012580.D

Acq: 21 Sep 2019 00:56

Instrument :

MSVOA_X

ClientSampleId :

S49-0547

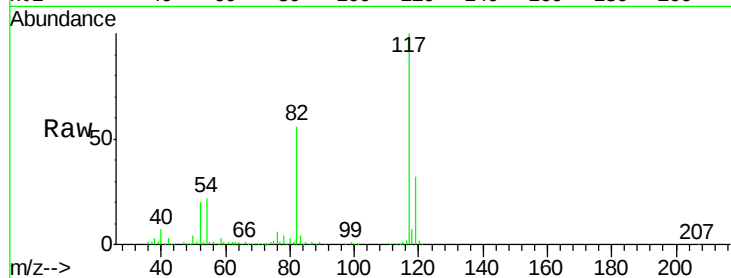
Tot Ion:117 Resp: 245377

Ion Ratio Lower Upper

117 100

82 56.0 45.9 68.9

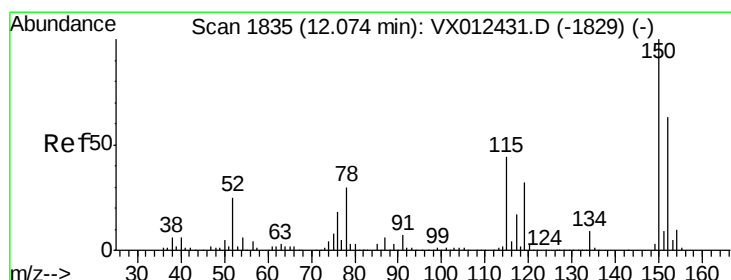
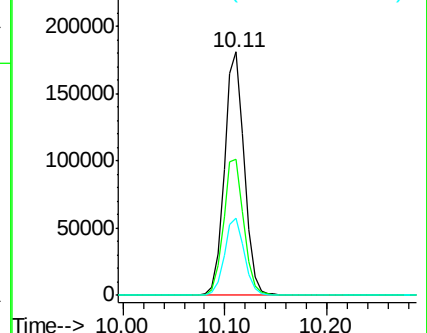
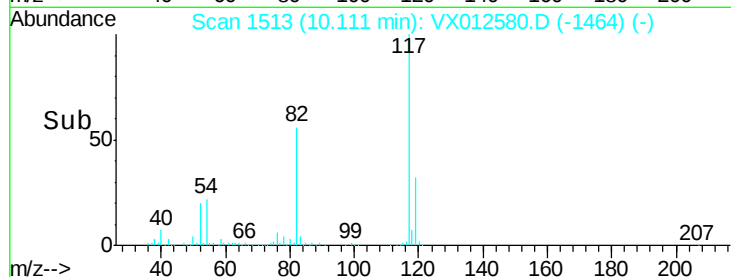
119 32.0 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012580.D

Acq: 21 Sep 2019 00:56

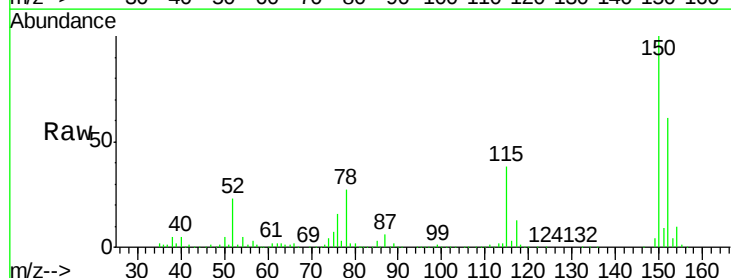
Tgt Ion:152 Resp: 100620

Ion Ratio Lower Upper

152 100

115 63.0 44.1 132.3

150 158.1 0.0 343.8



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

