

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012062.D
 Acq On : 04 Sep 2019 19:59
 Operator : SY/SP
 Sample : K4546-11
 Misc : 4.36g/5.0mL/MSVOA X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-A-(2.5)

Quant Time: Sep 05 05:47:10 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

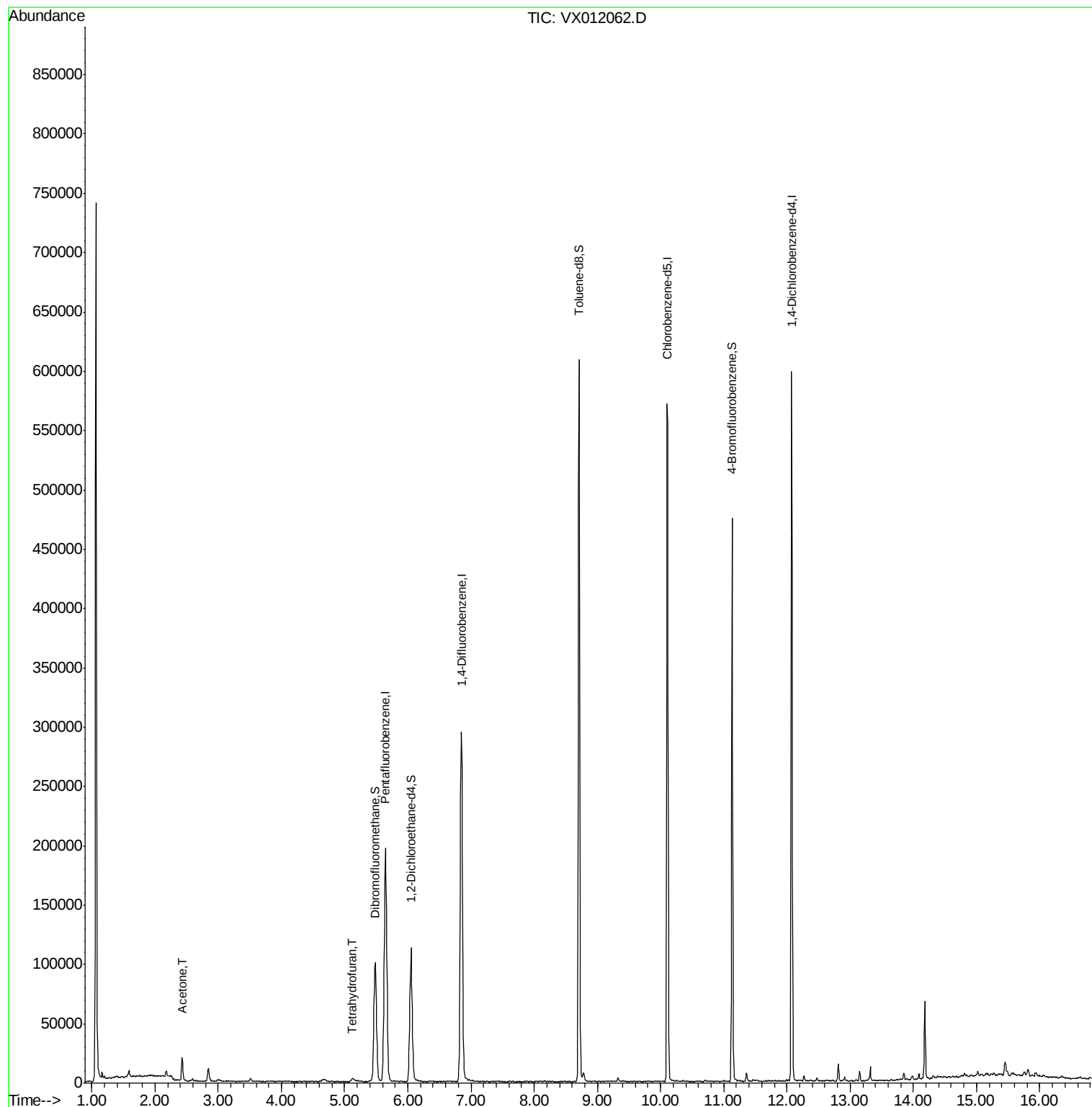
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113158	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	5.48	113	85287	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	8.71	98	342574	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	135871	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
Target Compounds						
16) Acetone	2.43	43	20624	37.963	ug/l	91
29) Tetrahydrofuran	5.12	42	2919	7.006	ug/l	99

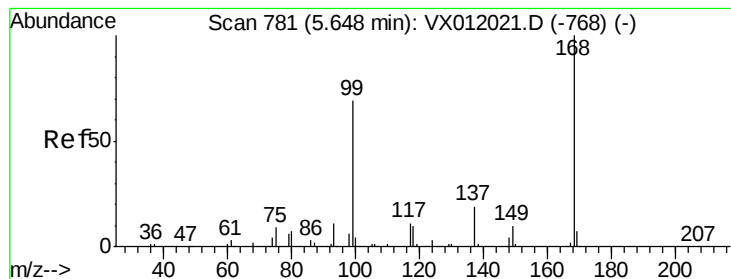
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090419\
Data File : VX012062.D
Acq On : 04 Sep 2019 19:59
Operator : SY/SP
Sample : K4546-11
Misc : 4.36g/5.0mL/MSVOA X/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-S-A-(2.5)

Quant Time: Sep 05 05:47:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
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: VX012062.D

Acq: 04 Sep 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

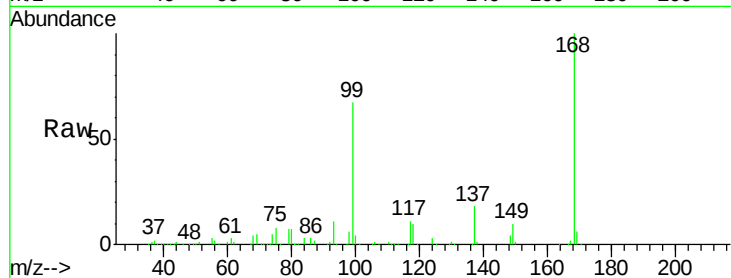
T3-S-A-(2.5)

Tot Ion:168 Resp: 164723

Ion Ratio Lower Upper

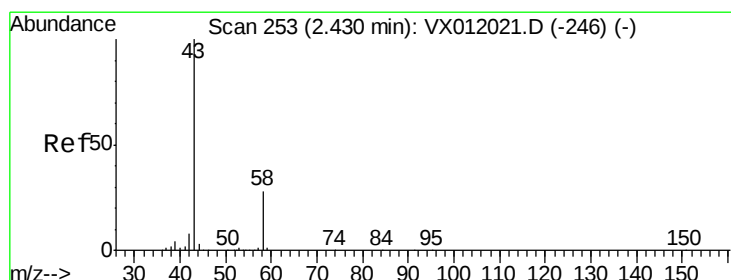
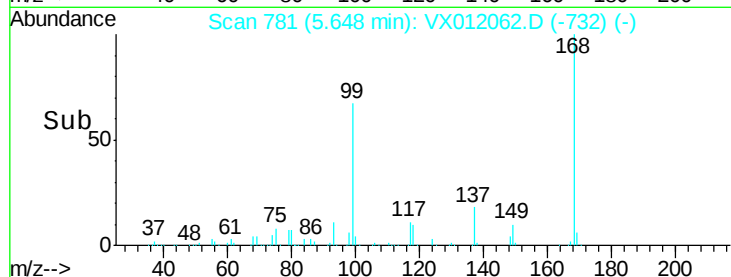
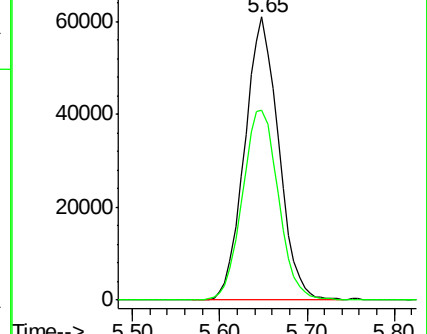
168 100

99 67.3 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: 37.963 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012062.D

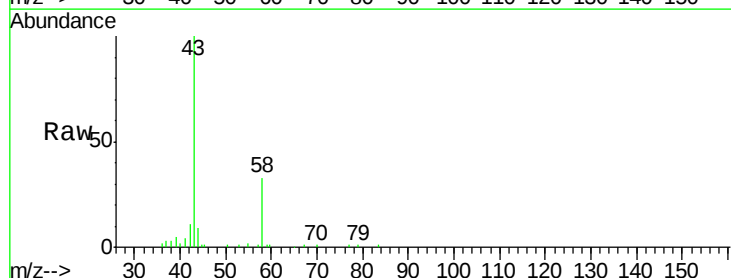
Acq: 04 Sep 2019 19:59

Tgt Ion: 43 Resp: 20624

Ion Ratio Lower Upper

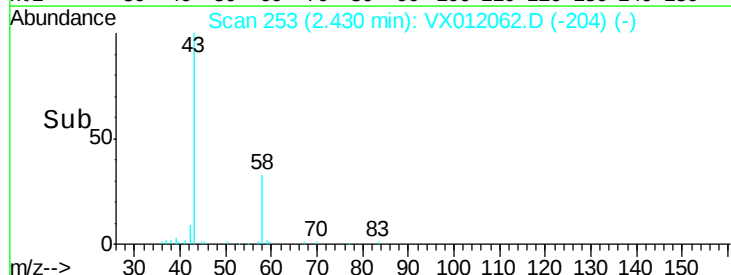
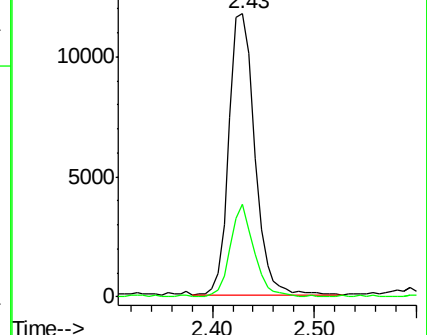
43 100

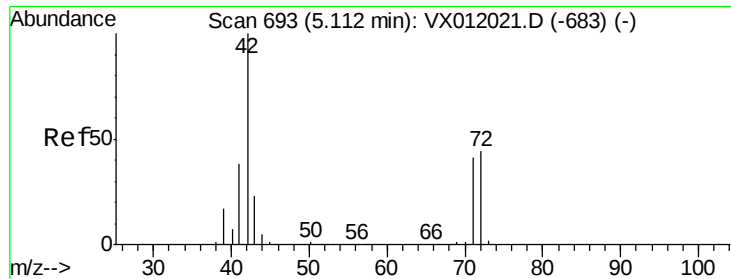
58 33.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

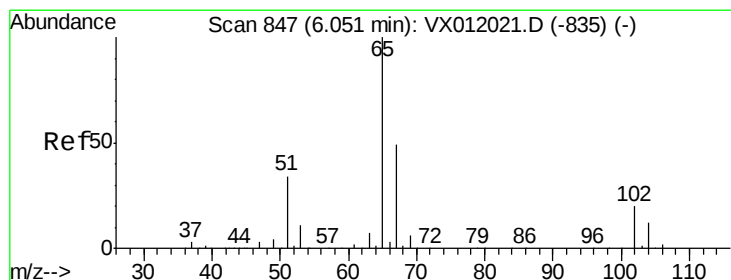
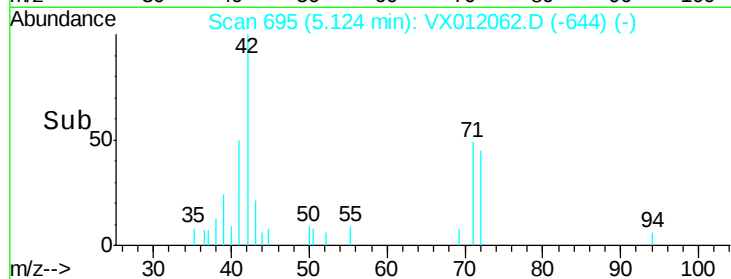
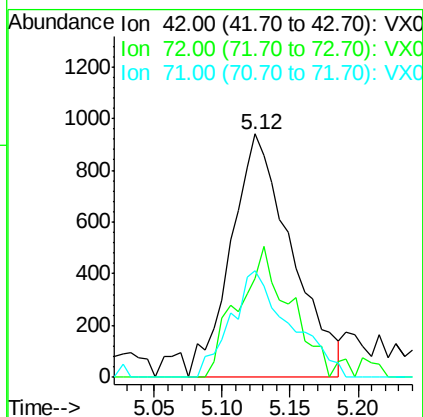
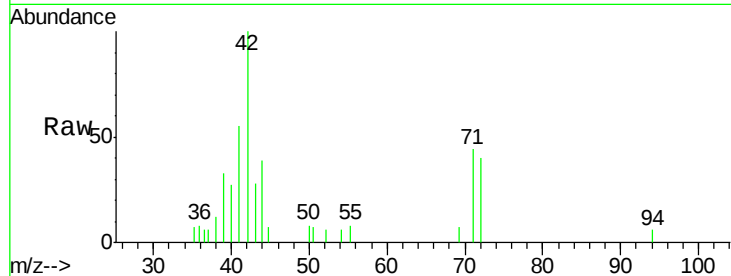




#29
Tetrahydrofuran
Concen: 7.006 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012062.D
Acq: 04 Sep 2019 19:59

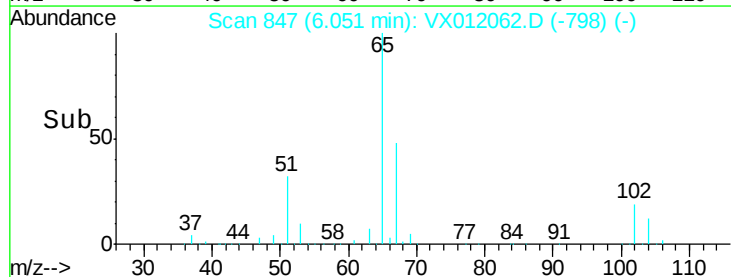
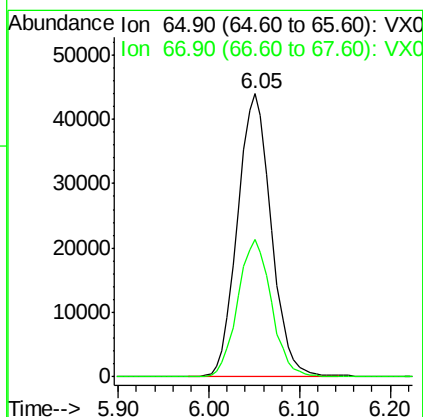
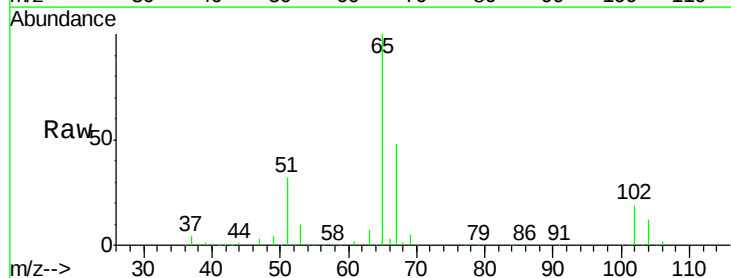
Instrument :
MSVOA_X
ClientSampled :
T3-S-A(2.5)

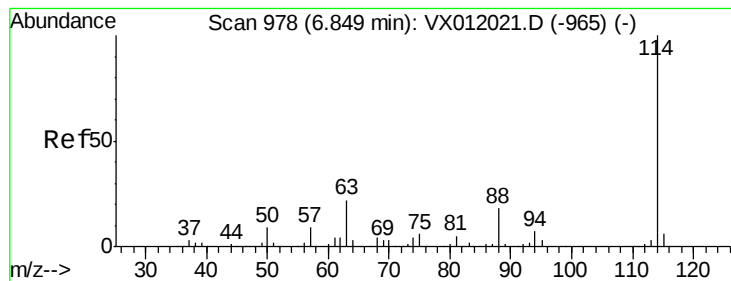
Tot Ion: 42 Resp: 2919
Ion Ratio Lower Upper
42 100
72 46.8 37.0 55.4
71 42.5 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 49.787 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012062.D
Acq: 04 Sep 2019 19:59

Tgt Ion: 65 Resp: 113158
Ion Ratio Lower Upper
65 100
67 48.6 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: VX012062.D

Acq: 04 Sep 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

T3-S-A-(2.5)

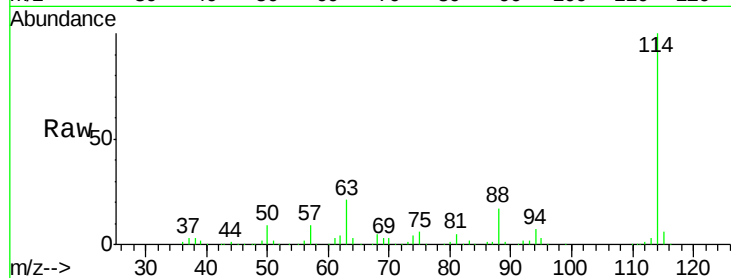
Tot Ion:114 Resp: 288709

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

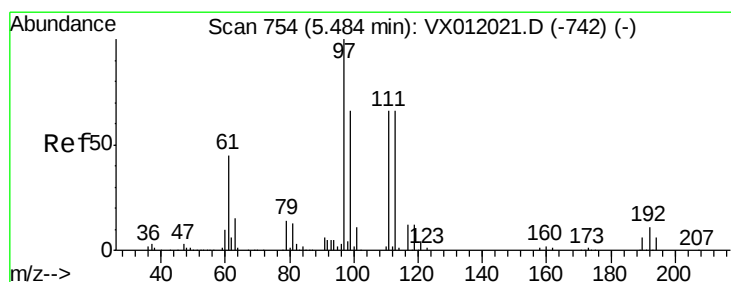
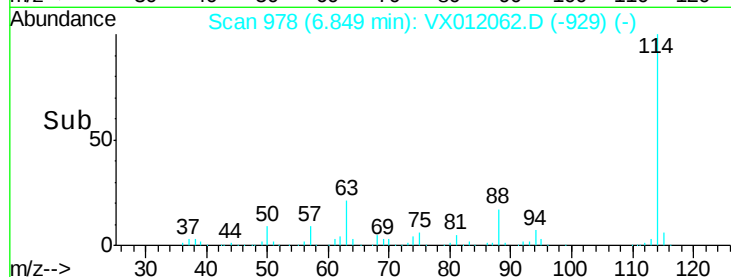
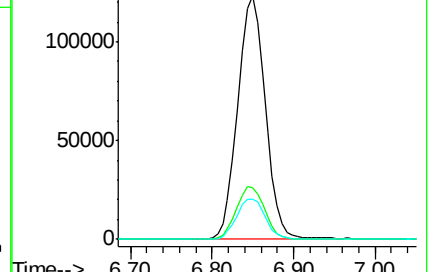
88 16.6 0.0 29.6



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: 48.036 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012062.D

Acq: 04 Sep 2019 19:59

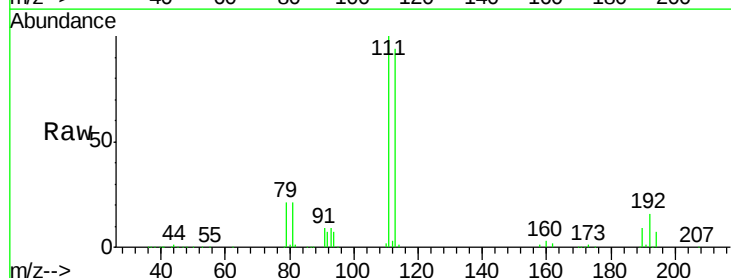
Tgt Ion:113 Resp: 85287

Ion Ratio Lower Upper

113 100

111 104.4 81.7 122.5

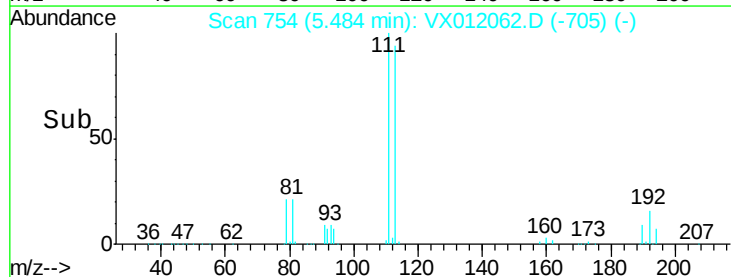
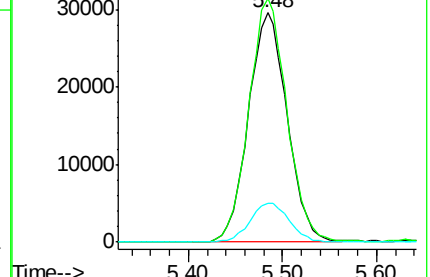
192 17.2 22.5 33.7#

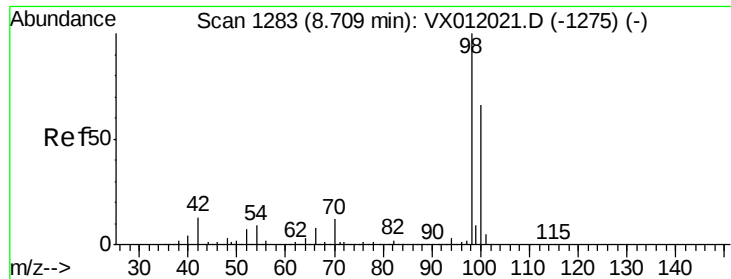


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.581 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012062.D

Acq: 04 Sep 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

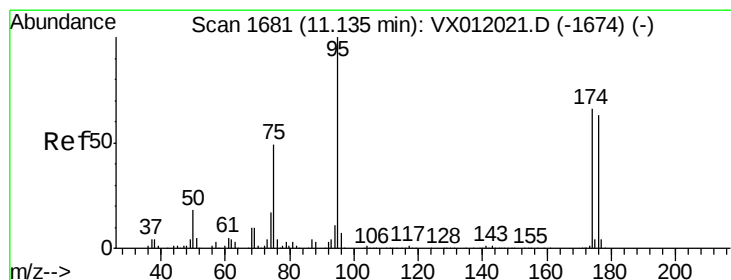
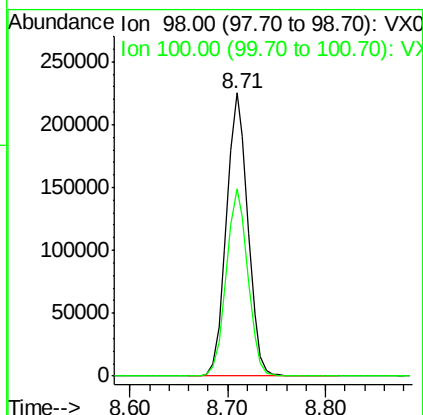
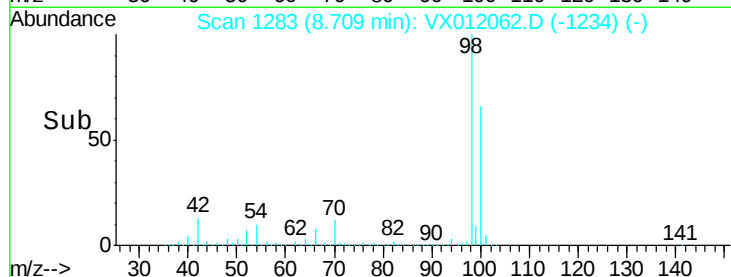
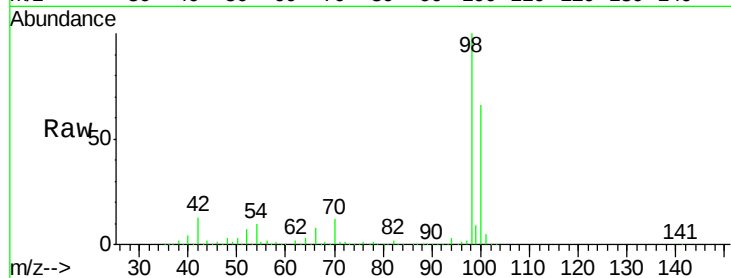
T3-S-A-(2.5)

Tot Ion: 98 Resp: 342574

Ion Ratio Lower Upper

98 100

100 66.4 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 44.843 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012062.D

Acq: 04 Sep 2019 19:59

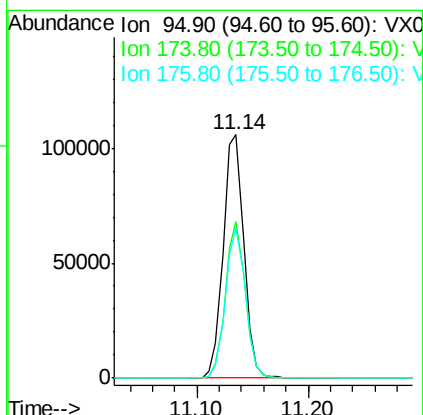
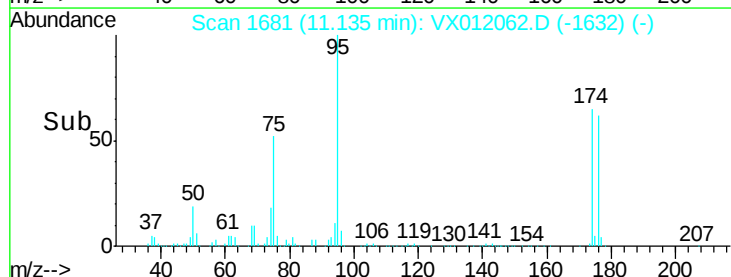
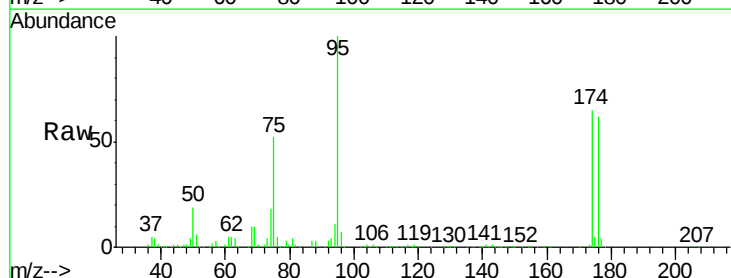
Tgt Ion: 95 Resp: 135871

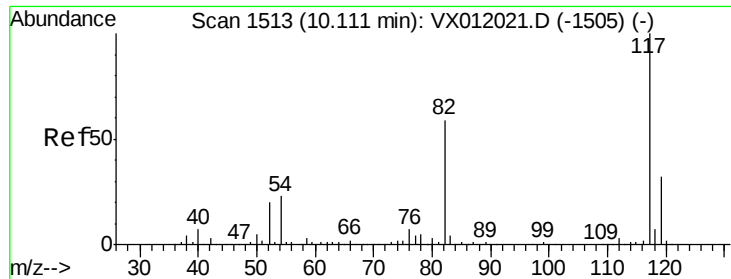
Ion Ratio Lower Upper

95 100

174 61.7 0.0 205.4

176 60.0 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: VX012062.D

Acq: 04 Sep 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

T3-S-A-(2.5)

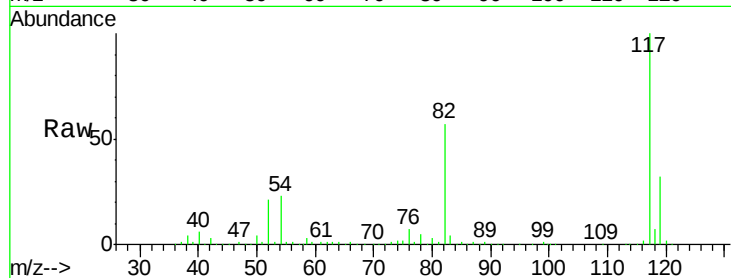
Tot Ion:117 Resp: 252952

Ion Ratio Lower Upper

117 100

82 56.7 39.4 59.0

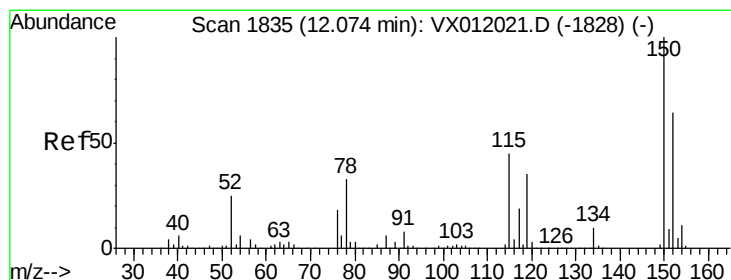
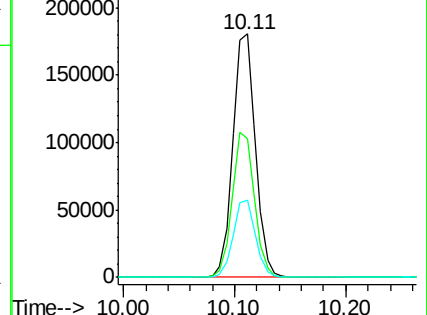
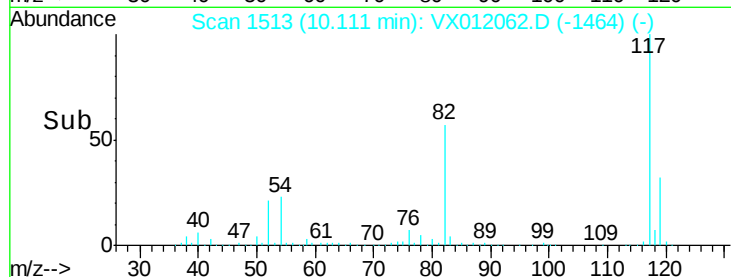
119 31.9 26.1 39.1



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: VX012062.D

Acq: 04 Sep 2019 19:59

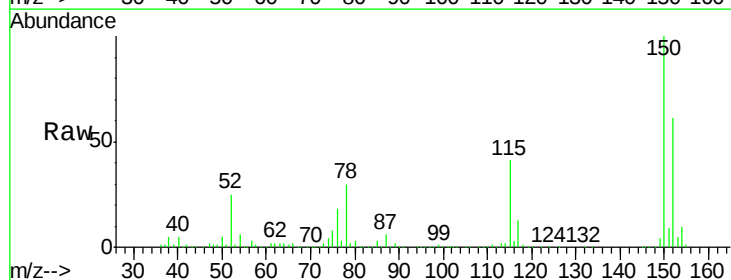
Tgt Ion:152 Resp: 108518

Ion Ratio Lower Upper

152 100

115 65.5 36.4 109.3

150 156.4 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

