

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012739.D
 Acq On : 01 Oct 2019 17:35
 Operator : JC/SP
 Sample : K5082-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926

Quant Time: Oct 02 04:29:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

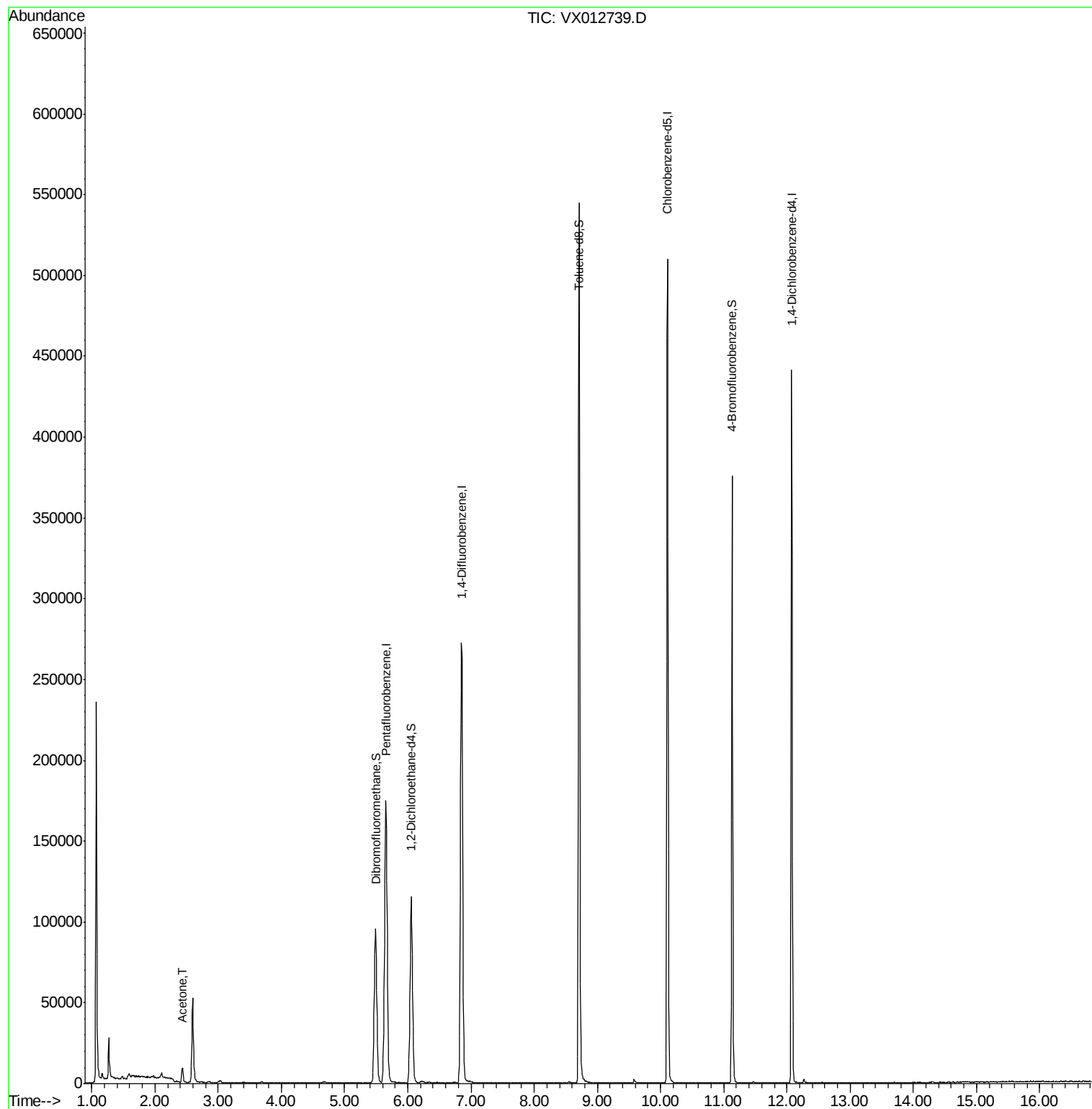
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	156442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275937	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	83652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	111260	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	5.49	113	83184	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	8.71	98	317074	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.14	95	102292	41.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.22%	
Target Compounds						
16) Acetone	2.44	43	10152	8.413	ug/l	Qvalue 99

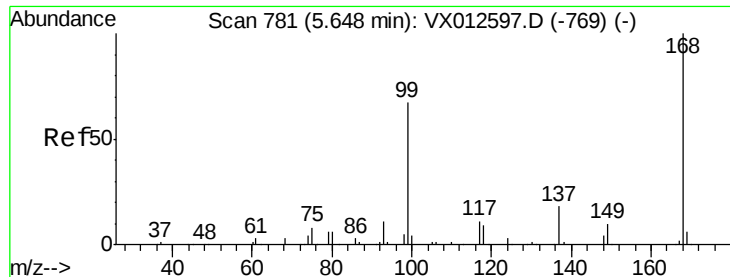
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012739.D

Acq: 01 Oct 2019 17:35

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MSVOA_X

ClientSampleId :

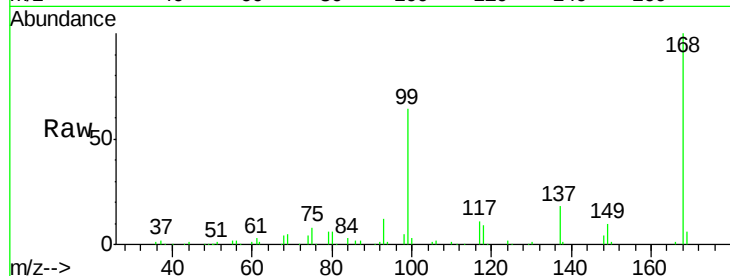
SA-SW201-20190926

Tot Ion:168 Resp: 156442

Ion Ratio Lower Upper

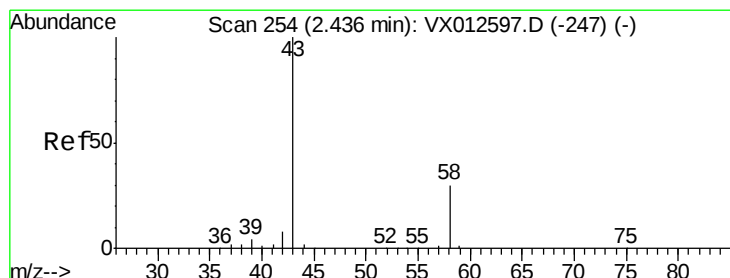
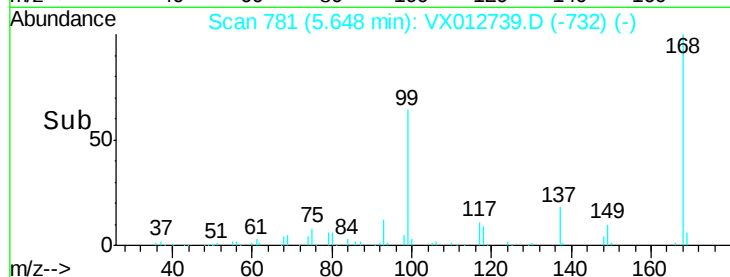
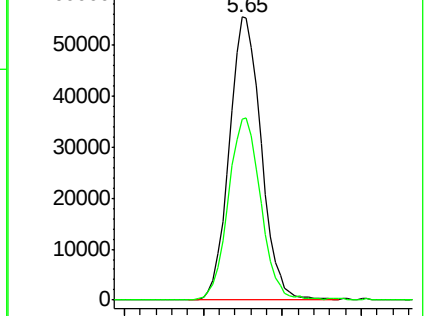
168 100

99 63.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.413 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012739.D

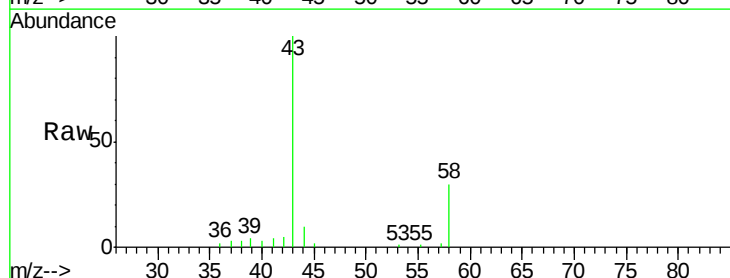
Acq: 01 Oct 2019 17:35

Tgt Ion: 43 Resp: 10152

Ion Ratio Lower Upper

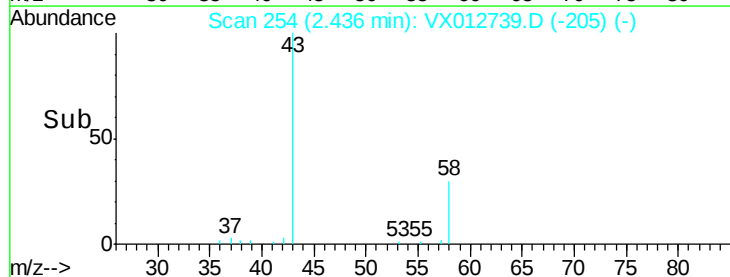
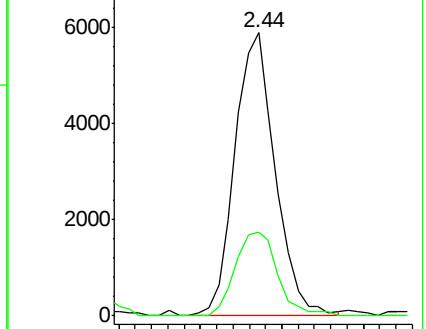
43 100

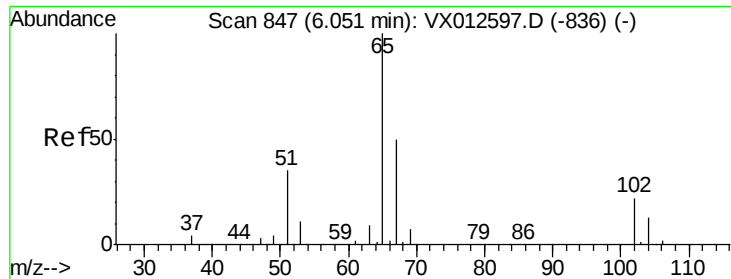
58 29.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

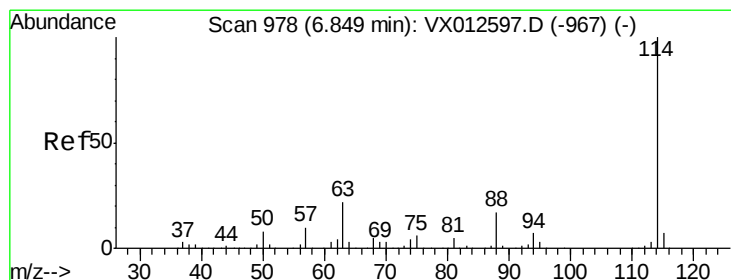
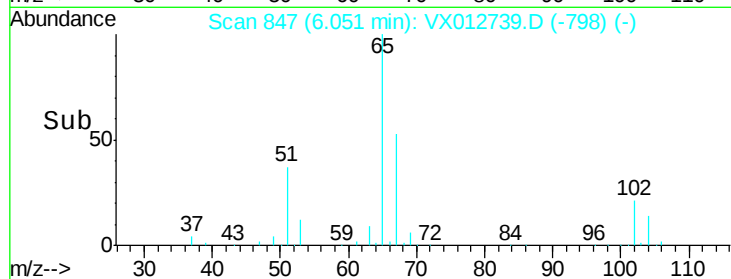
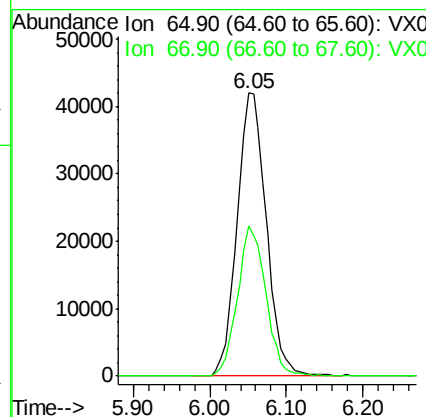
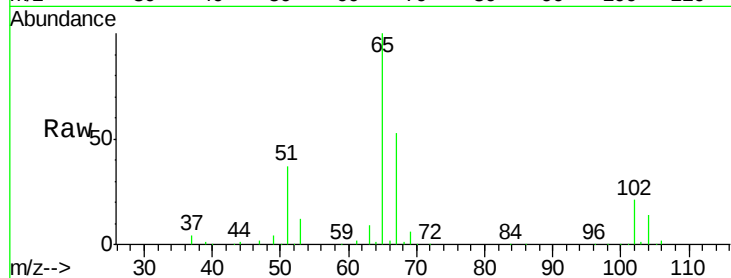




#33
 1,2-Dichloroethane-d4
 Concen: 48.839 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012739.D
 Acq: 01 Oct 2019 17:35

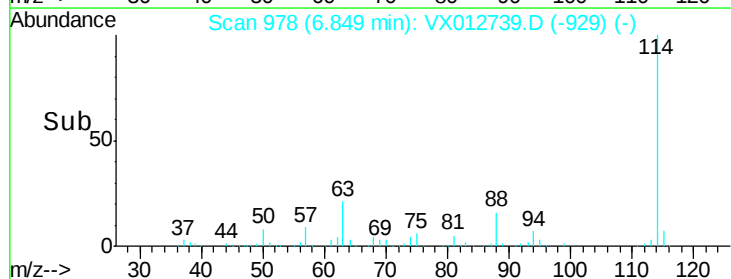
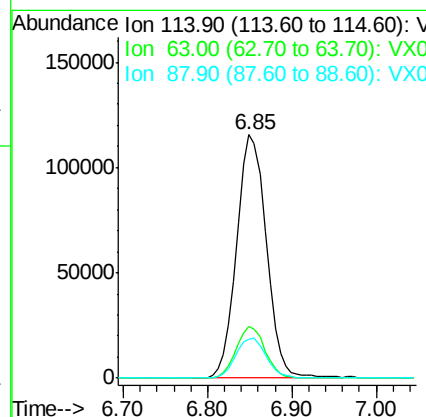
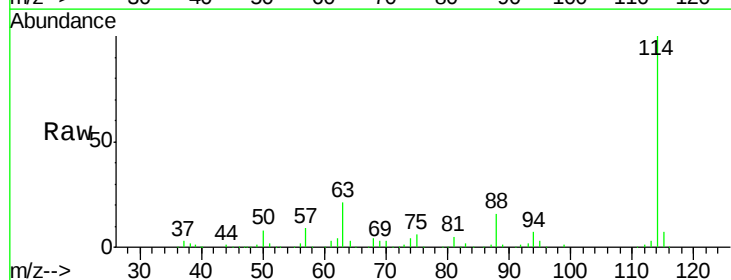
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926

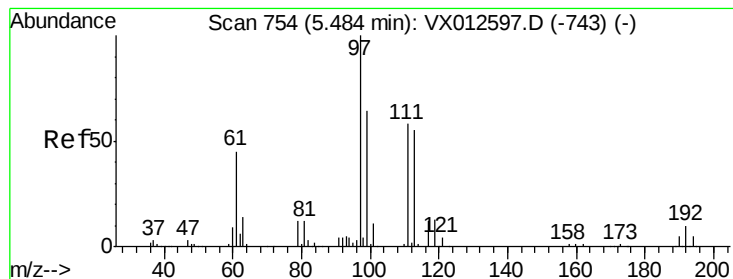
Tot Ion: 65 Resp: 111260
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012739.D
 Acq: 01 Oct 2019 17:35

Tgt Ion: 114 Resp: 275937
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.619 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012739.D

Acq: 01 Oct 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926

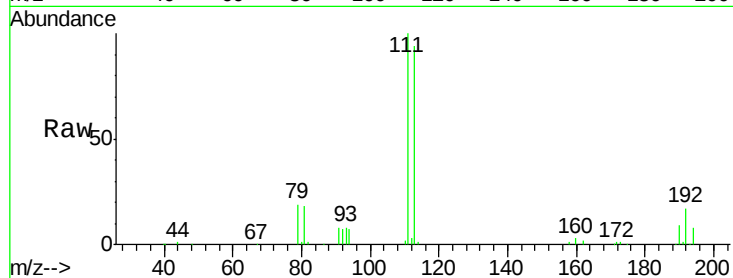
Tot Ion:113 Resp: 83184

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

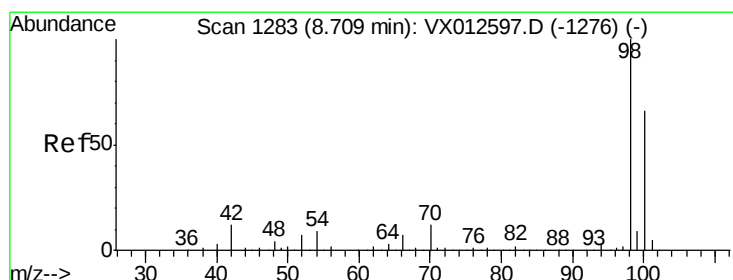
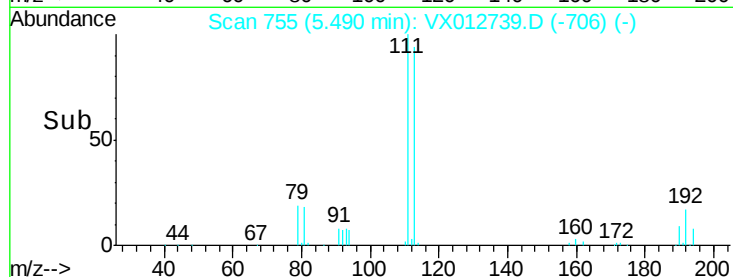
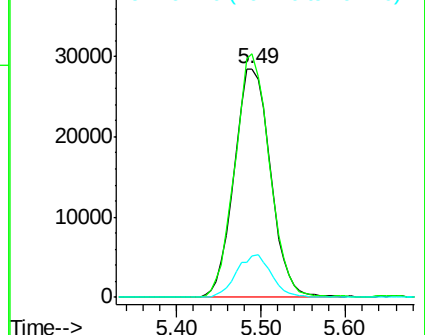
192 18.1 14.4 21.6



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: 50.102 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012739.D

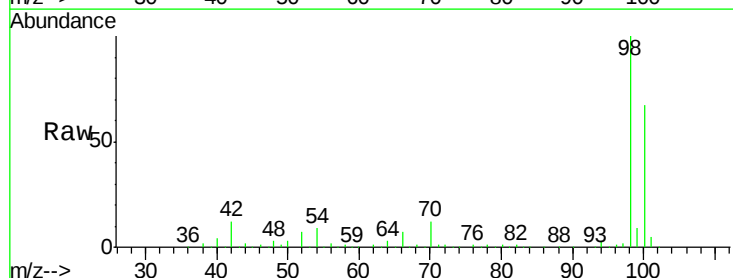
Acq: 01 Oct 2019 17:35

Tgt Ion: 98 Resp: 317074

Ion Ratio Lower Upper

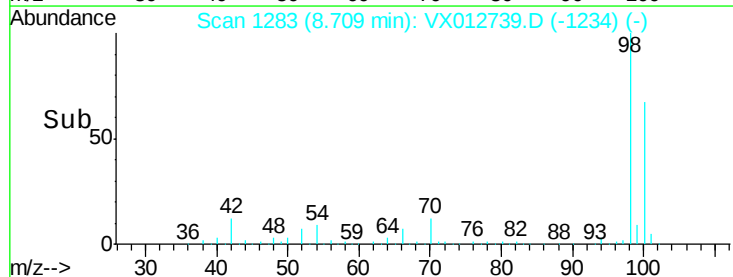
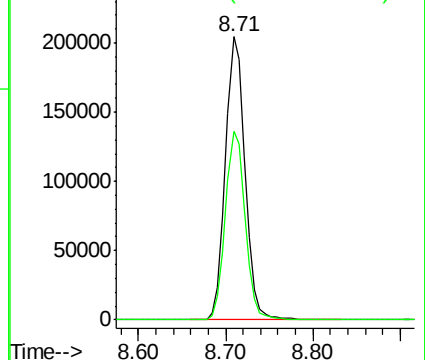
98 100

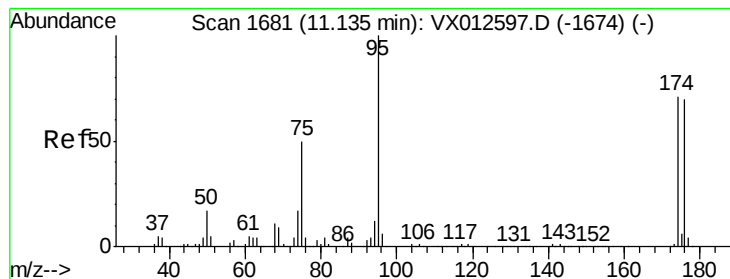
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.107 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012739.D

Acq: 01 Oct 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926

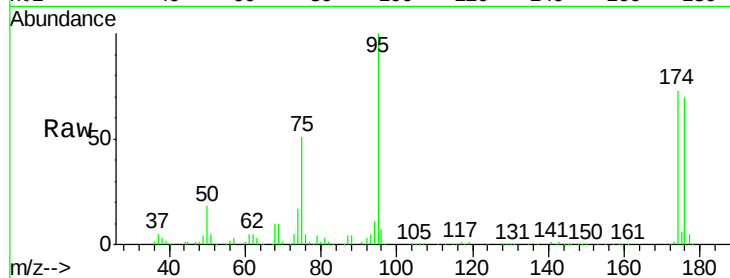
Tot Ion: 95 Resp: 102292

Ion Ratio Lower Upper

95 100

174 69.3 0.0 140.0

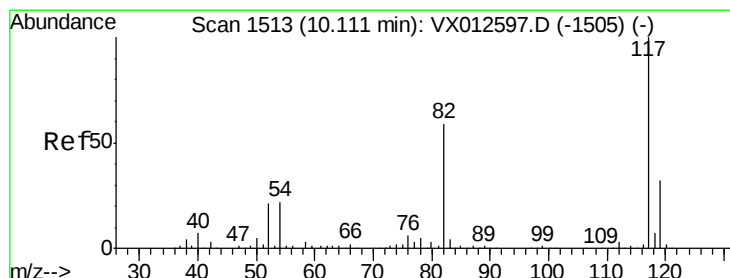
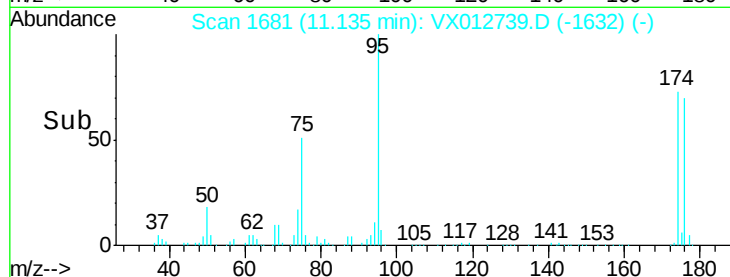
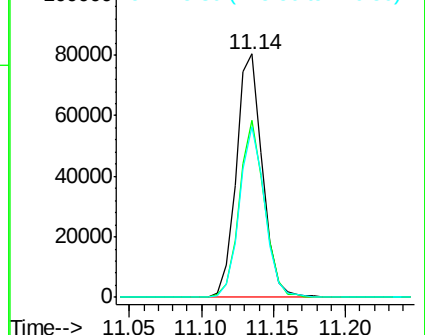
176 67.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012739.D

Acq: 01 Oct 2019 17:35

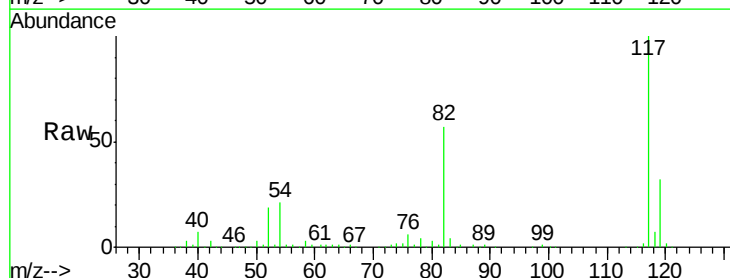
Tgt Ion: 117 Resp: 226450

Ion Ratio Lower Upper

117 100

82 57.1 45.9 68.9

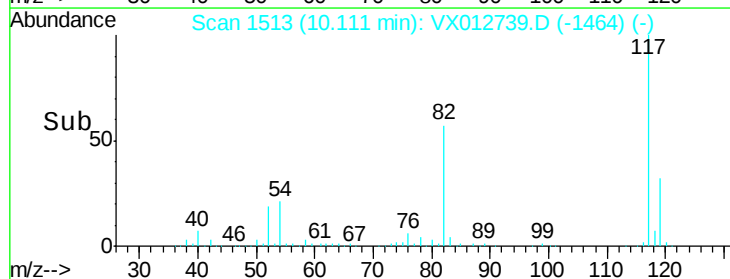
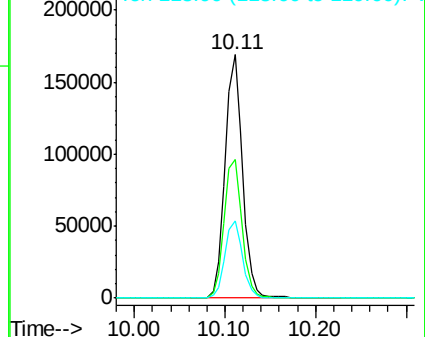
119 31.9 25.3 37.9

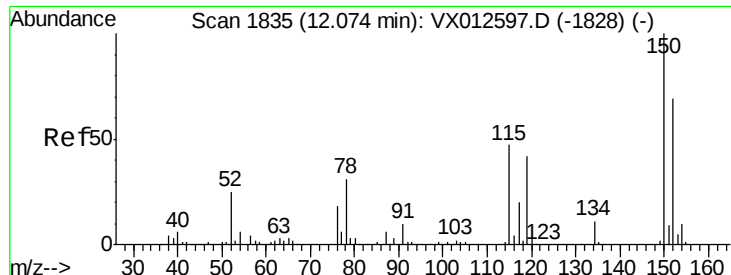


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX012739.D

Acq: 01 Oct 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926

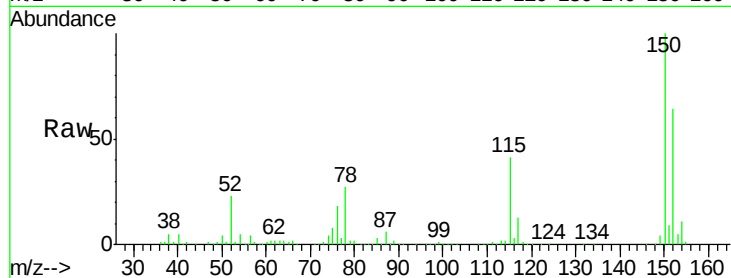
Tot Ion:152 Resp: 83652

Ion Ratio Lower Upper

152 100

115 64.9 44.1 132.3

150 156.7 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

