

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012796.D
 Acq On : 03 Oct 2019 20:06
 Operator : JC/SP
 Sample : K5189-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ179I-20191001

Quant Time: Oct 04 07:45:58 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

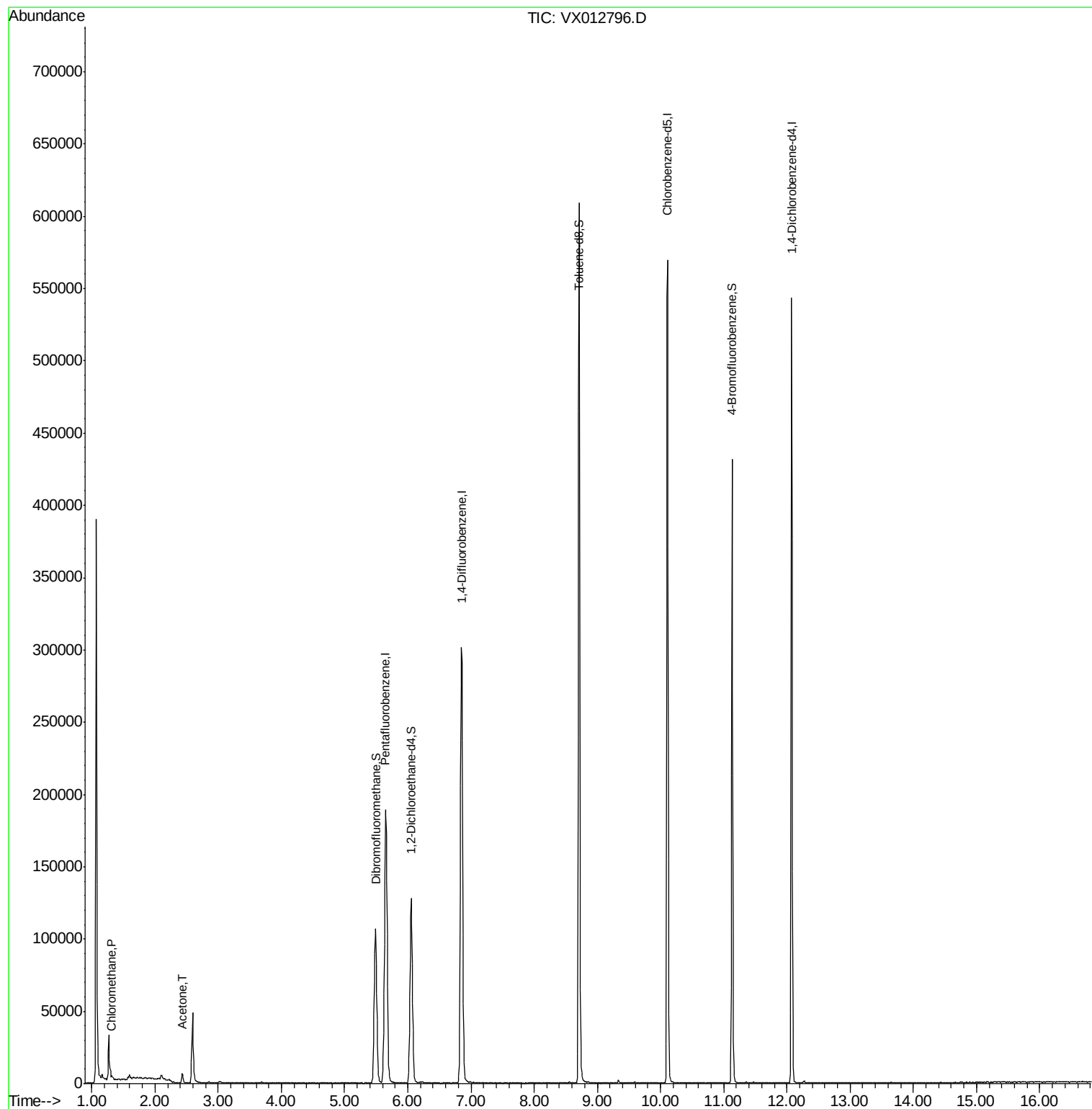
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302740	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	123272	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
35) Dibromofluoromethane	5.49	113	91345	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	8.71	98	356107	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.14	95	124225	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
Target Compounds						
3) Chloromethane	1.32	50	1057	0.469	ug/l	99
16) Acetone	2.43	43	6456	4.801	ug/l	90

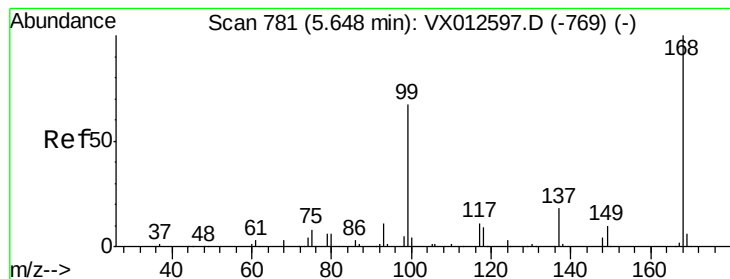
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012796.D

Acq: 03 Oct 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

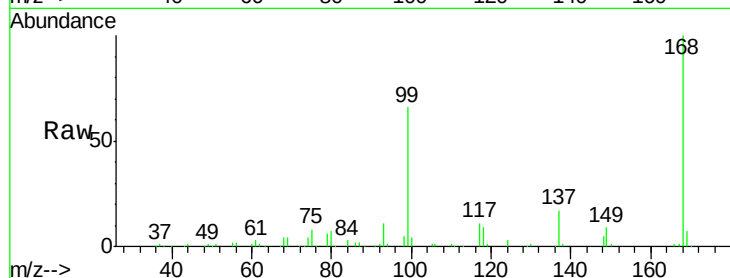
SA-PZ179I-20191001

Tot Ion:168 Resp: 174332

Ion Ratio Lower Upper

168 100

99 66.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

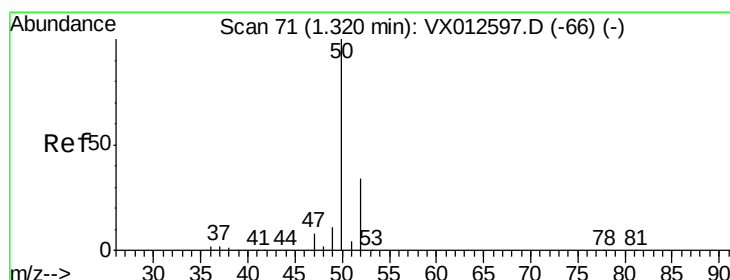
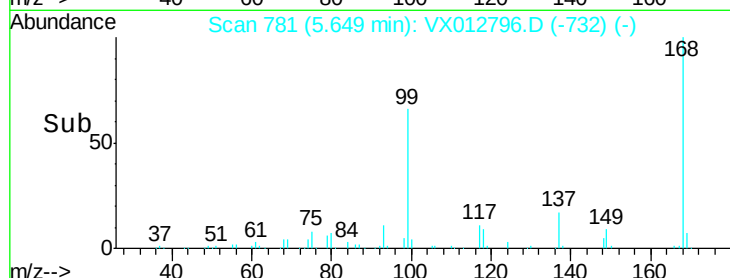
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.469 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012796.D

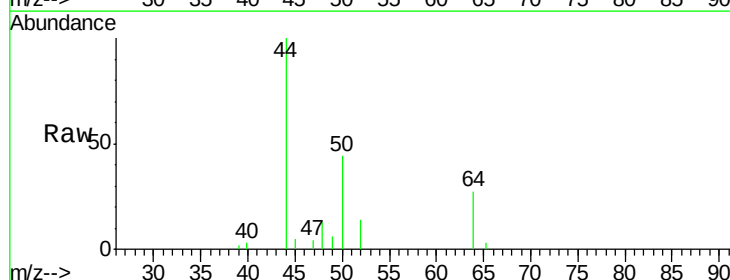
Acq: 03 Oct 2019 20:06

Tgt Ion: 50 Resp: 1057

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

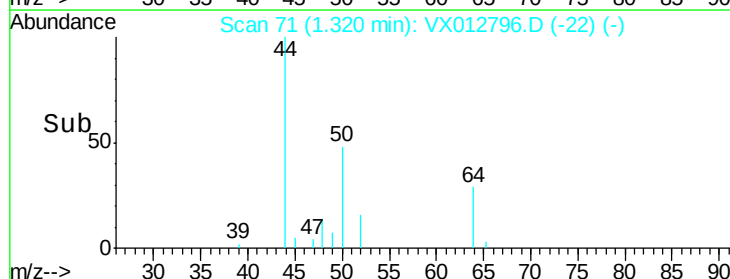
600

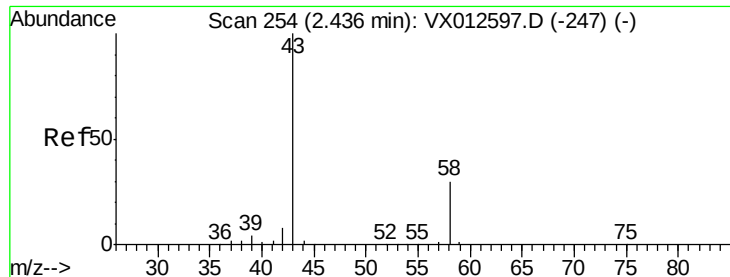
400

200

0

Time--> 1.30 1.35





#16

Acetone

Concen: 4.801 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012796.D

Acq: 03 Oct 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

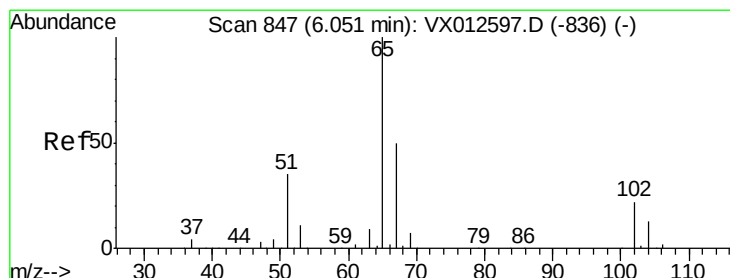
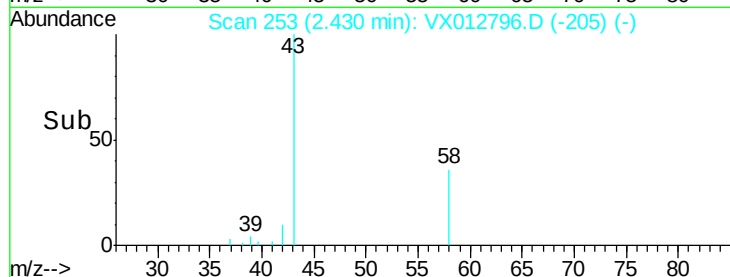
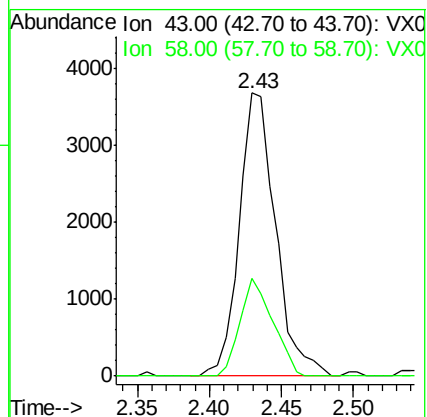
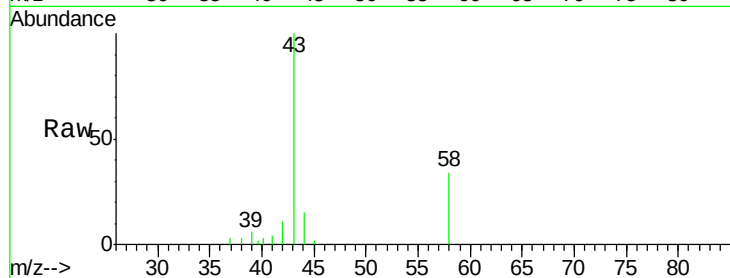
SA-PZ179I-20191001

Tot Ion: 43 Resp: 6456

Ion Ratio Lower Upper

43 100

58 34.3 23.3 34.9



#33

1,2-Dichloroethane-d4

Concen: 48.559 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012796.D

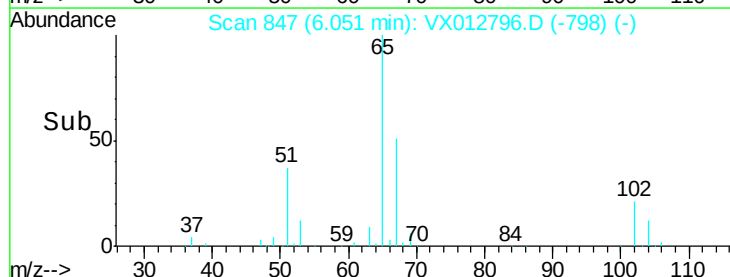
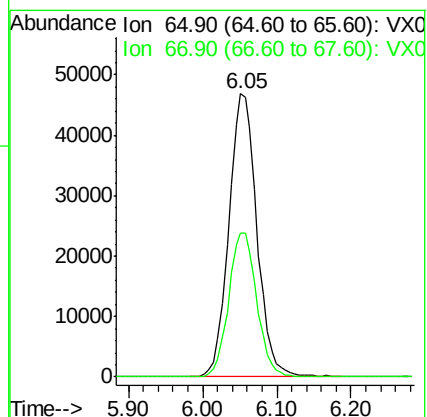
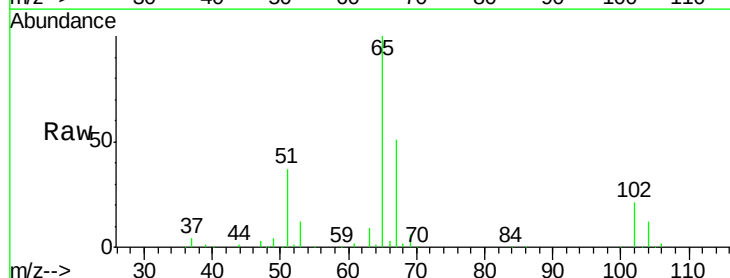
Acq: 03 Oct 2019 20:06

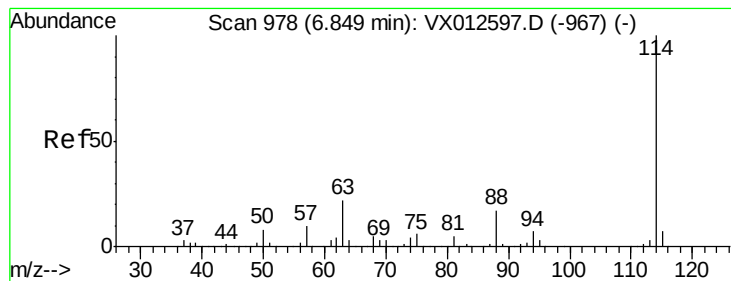
Tgt Ion: 65 Resp: 123272

Ion Ratio Lower Upper

65 100

67 51.1 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: VX012796.D

Acq: 03 Oct 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ179I-20191001

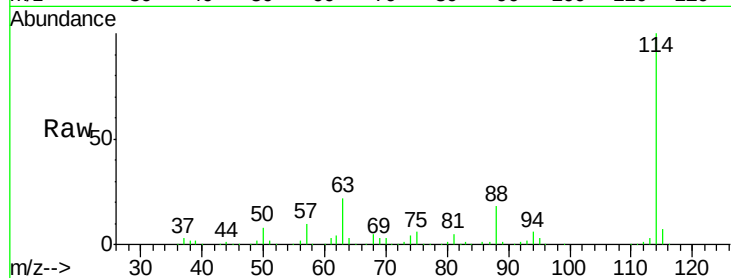
Tot Ion:114 Resp: 302740

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

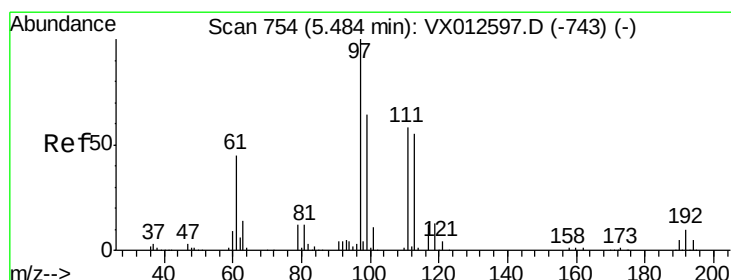
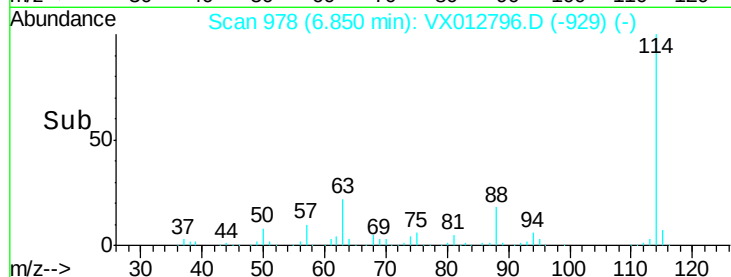
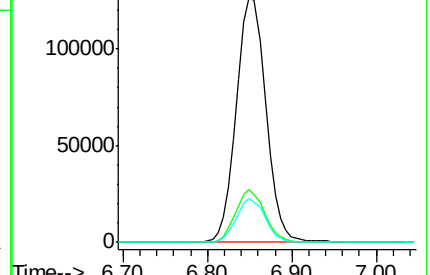
88 17.8 0.0 33.2



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: 50.664 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012796.D

Acq: 03 Oct 2019 20:06

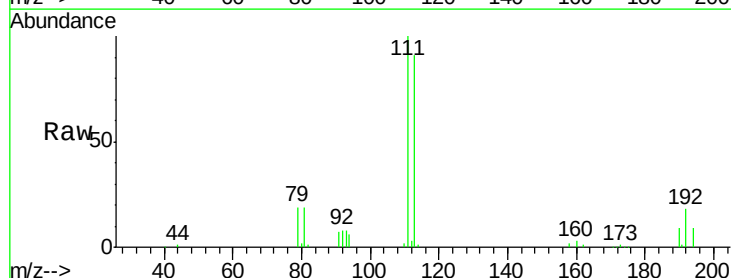
Tgt Ion:113 Resp: 91345

Ion Ratio Lower Upper

113 100

111 104.8 83.4 125.2

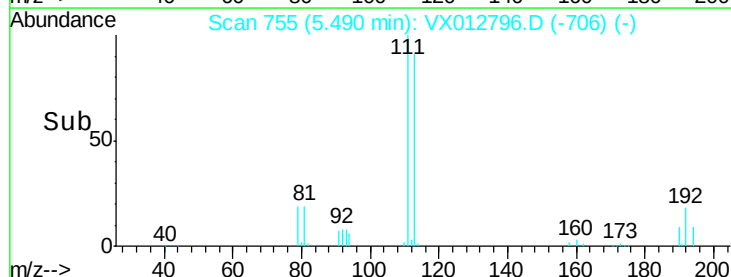
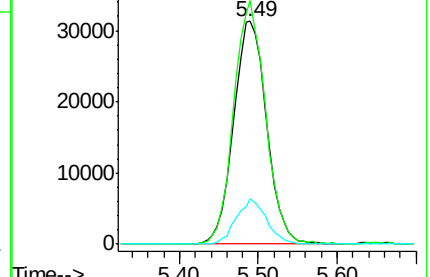
192 18.7 14.4 21.6

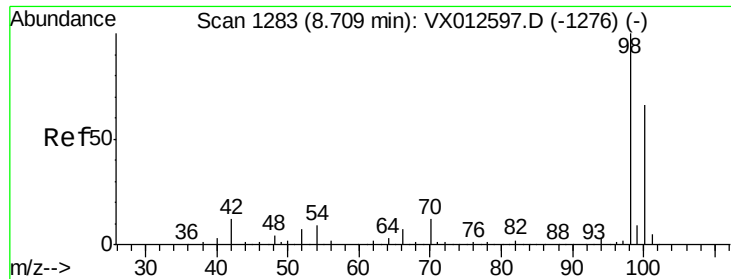


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.288 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012796.D

Acq: 03 Oct 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

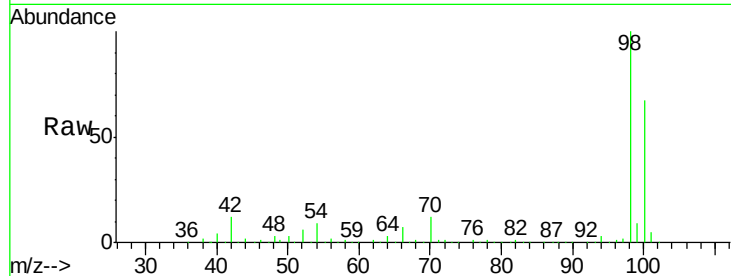
SA-PZ179I-20191001

Tot Ion: 98 Resp: 356107

Ion Ratio Lower Upper

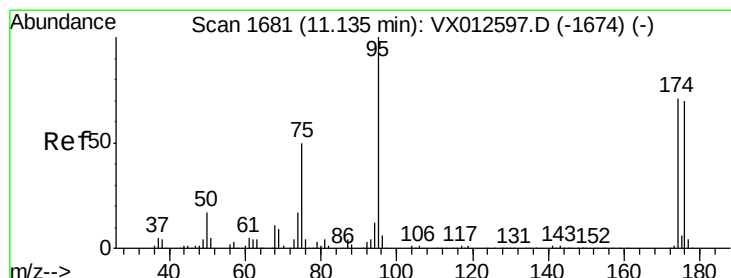
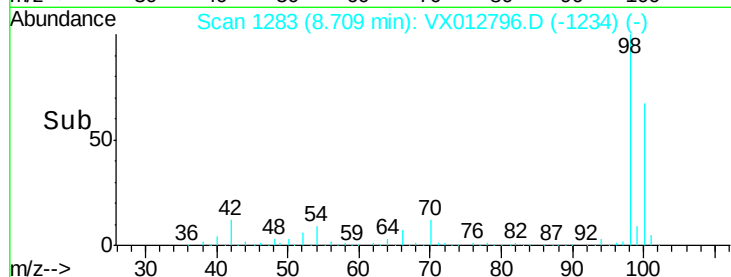
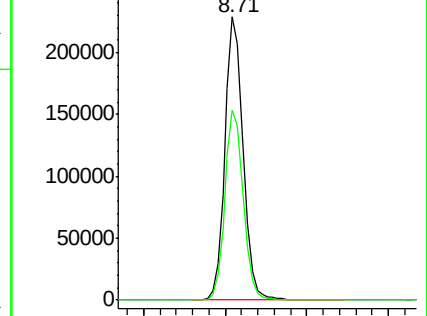
98 100

100 67.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.502 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012796.D

Acq: 03 Oct 2019 20:06

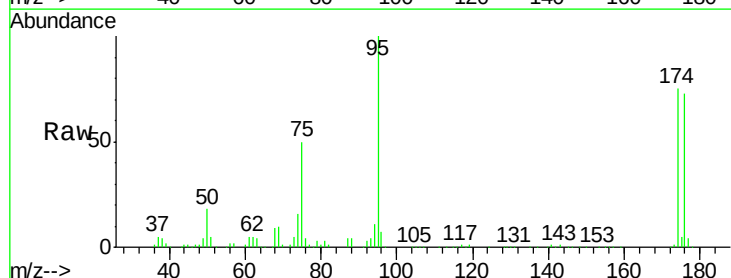
Tgt Ion: 95 Resp: 124225

Ion Ratio Lower Upper

95 100

174 70.2 0.0 140.0

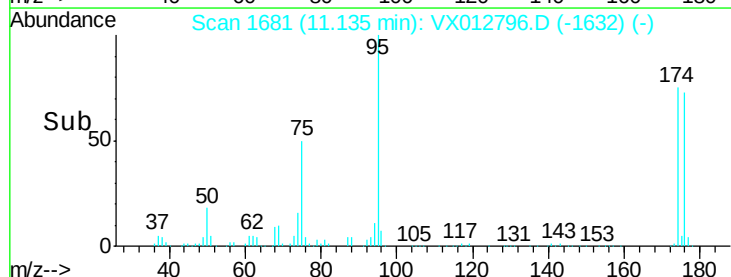
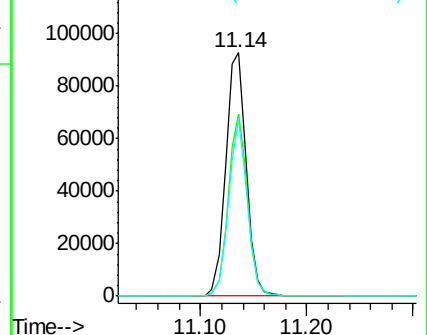
176 66.8 0.0 135.4

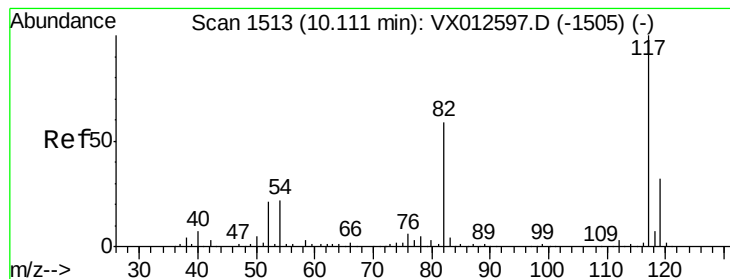


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX012796.D

Acq: 03 Oct 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ179I-20191001

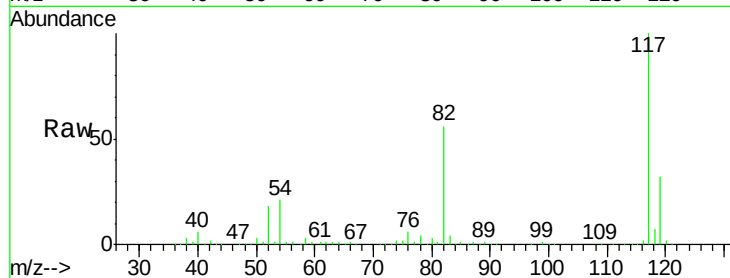
Tot Ion:117 Resp: 263105

Ion Ratio Lower Upper

117 100

82 55.8 45.9 68.9

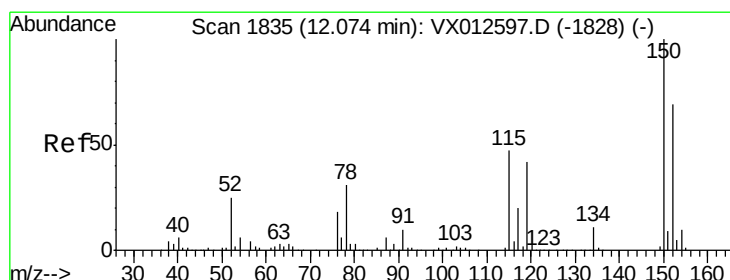
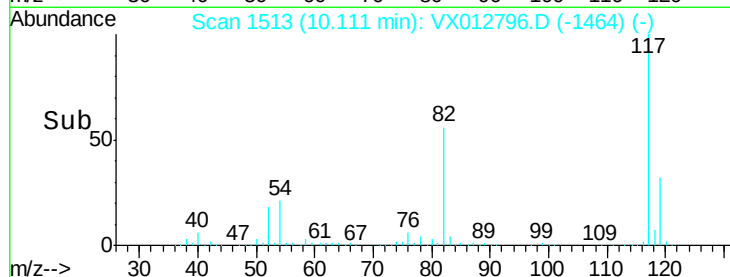
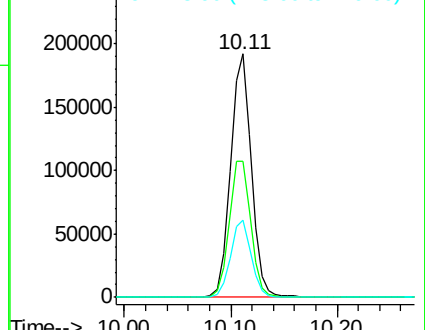
119 31.7 25.3 37.9



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: VX012796.D

Acq: 03 Oct 2019 20:06

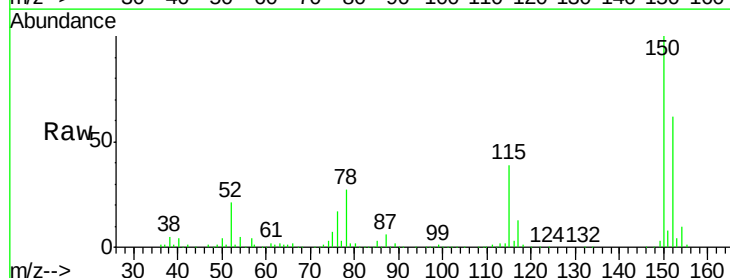
Tgt Ion:152 Resp: 101573

Ion Ratio Lower Upper

152 100

115 63.6 44.1 132.3

150 160.8 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

