

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012795.D
 Acq On : 03 Oct 2019 19:43
 Operator : JC/SP
 Sample : K5189-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ149I-20191001

Quant Time: Oct 04 07:43:30 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

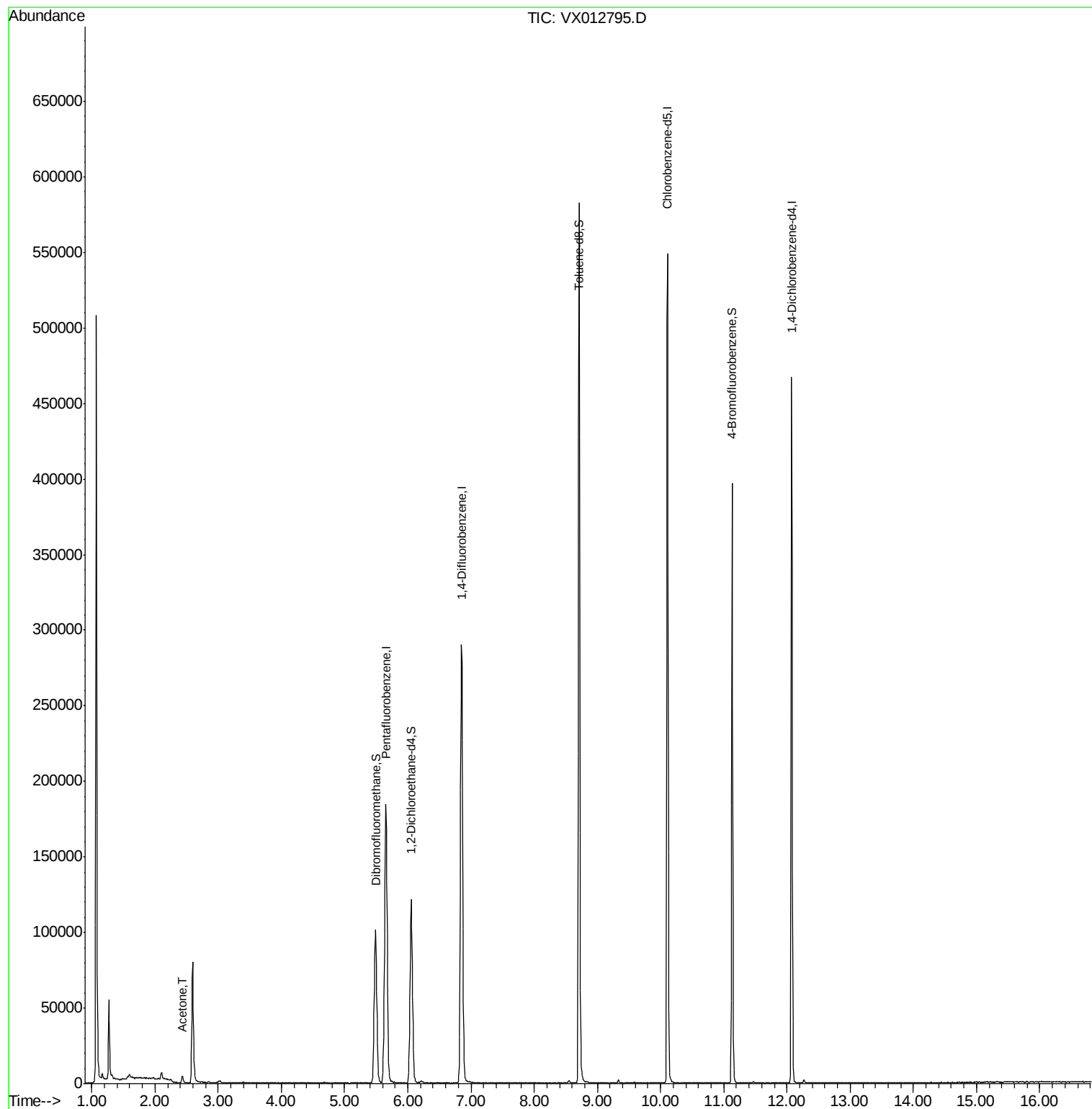
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	116454	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
35) Dibromofluoromethane	5.49	113	87899	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	8.71	98	340235	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.14	95	111852	42.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.42%	
Target Compounds						
16) Acetone	2.44	43	4850	3.777	ug/l	Qvalue 99

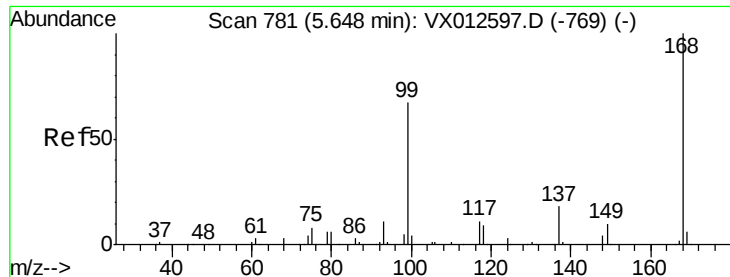
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012795.D

Acq: 03 Oct 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

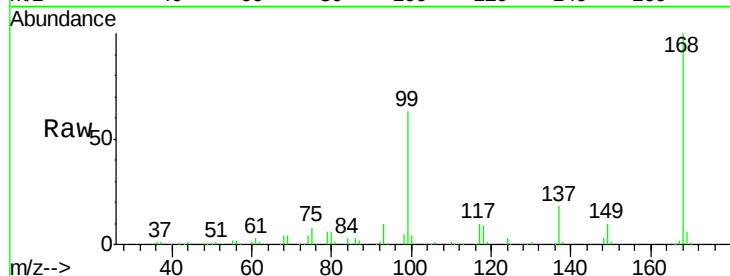
SA-PZ149I-20191001

Tot Ion:168 Resp: 166458

Ion Ratio Lower Upper

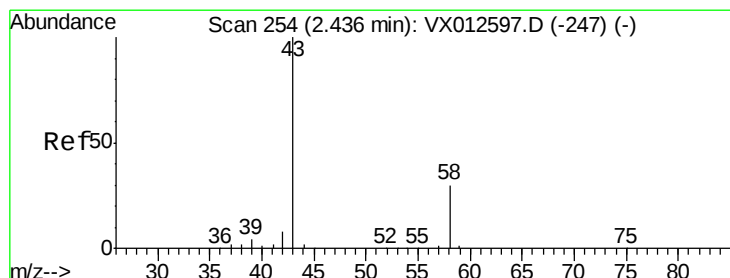
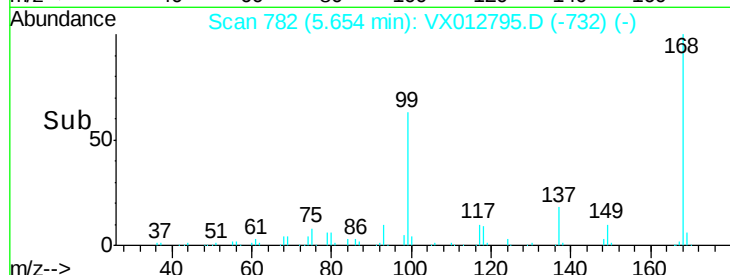
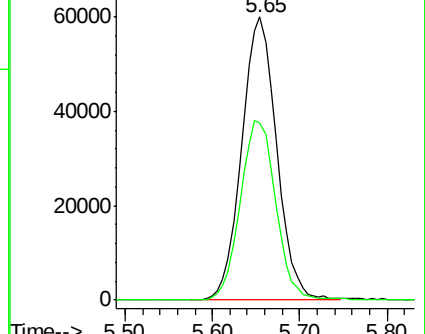
168 100

99 62.7 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: 3.777 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012795.D

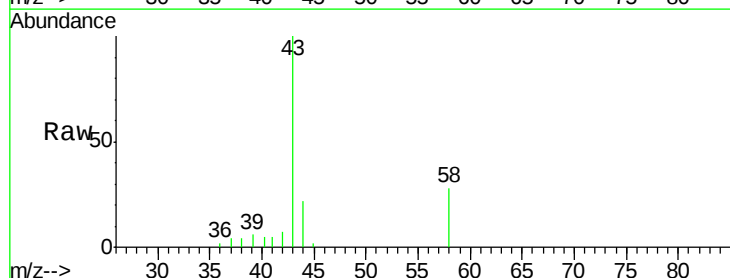
Acq: 03 Oct 2019 19:43

Tgt Ion: 43 Resp: 4850

Ion Ratio Lower Upper

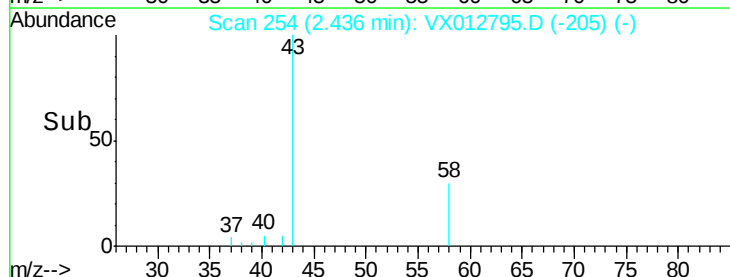
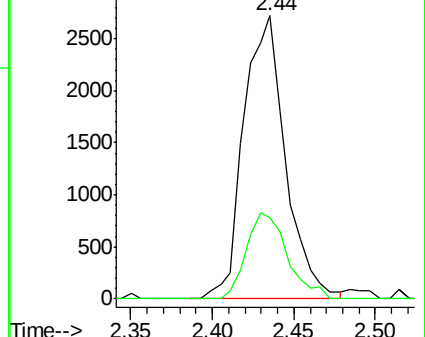
43 100

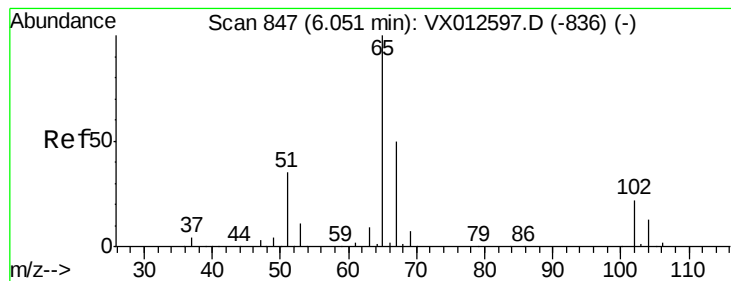
58 28.5 23.3 34.9



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: 48.043 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012795.D

Acq: 03 Oct 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

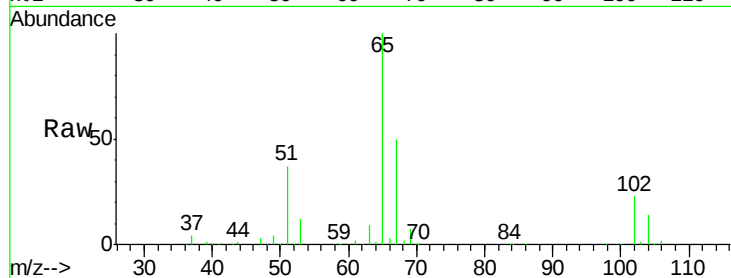
SA-PZ149I-20191001

Tot Ion: 65 Resp: 116454

Ion Ratio Lower Upper

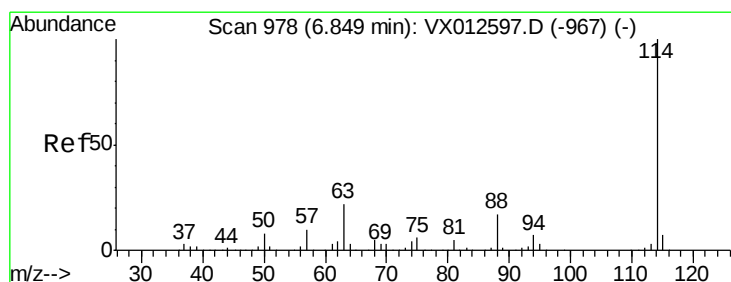
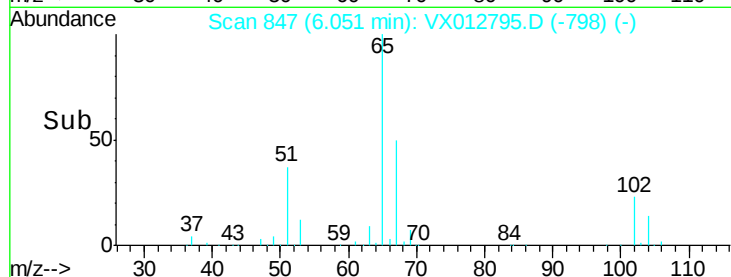
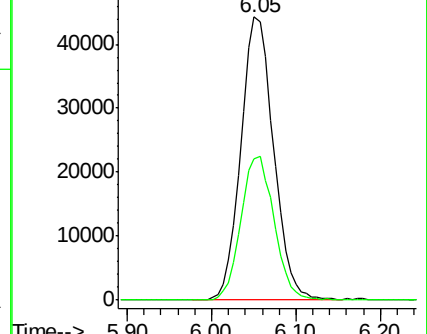
65 100

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: VX012795.D

Acq: 03 Oct 2019 19:43

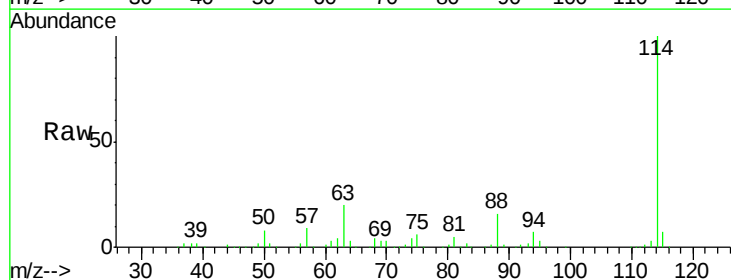
Tgt Ion: 114 Resp: 290377

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

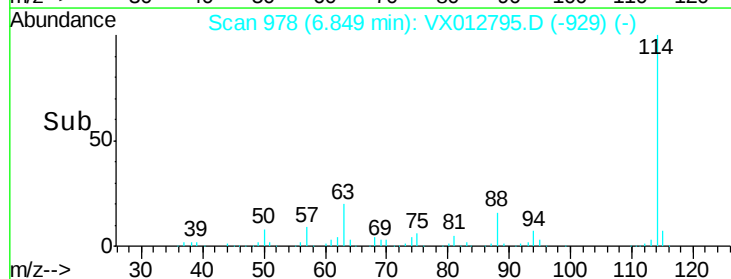
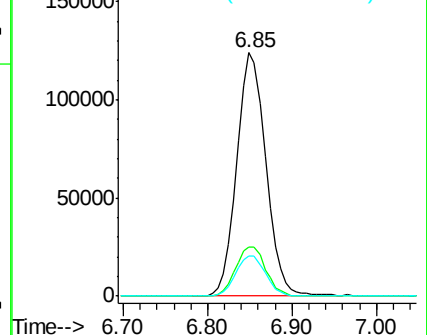
88 16.4 0.0 33.2

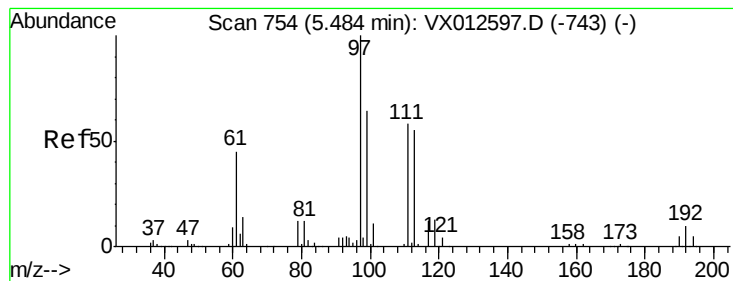


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.829 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012795.D

Acq: 03 Oct 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ149I-20191001

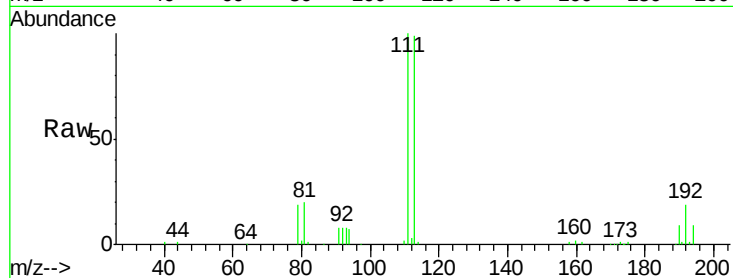
Tot Ion:113 Resp: 87899

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

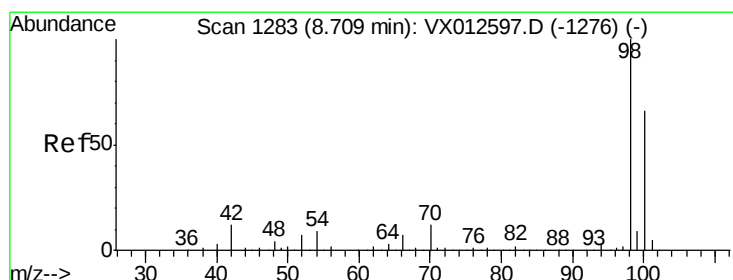
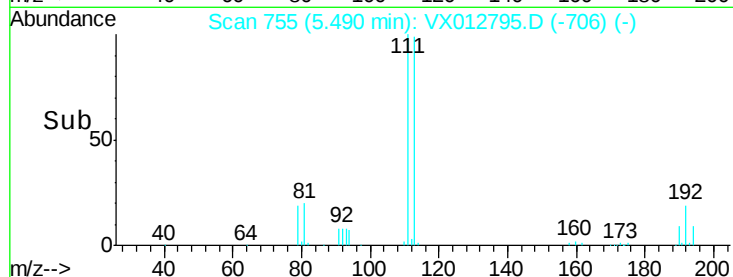
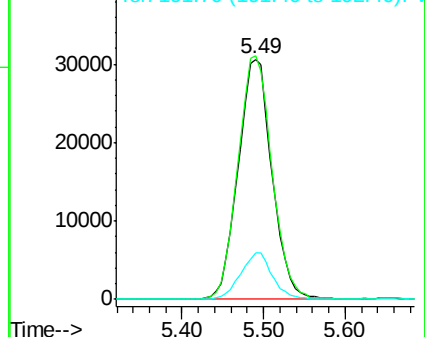
192 18.3 14.4 21.6



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: 51.088 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012795.D

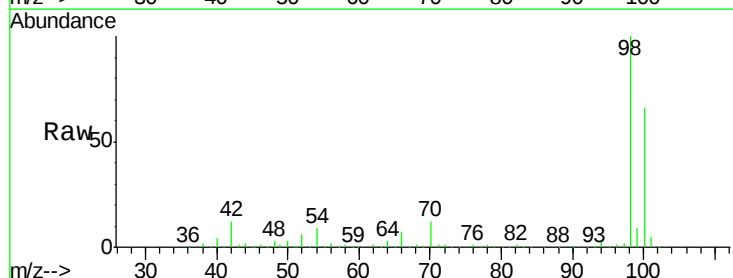
Acq: 03 Oct 2019 19:43

Tgt Ion: 98 Resp: 340235

Ion Ratio Lower Upper

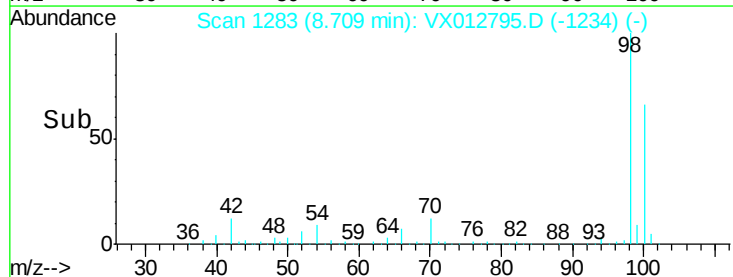
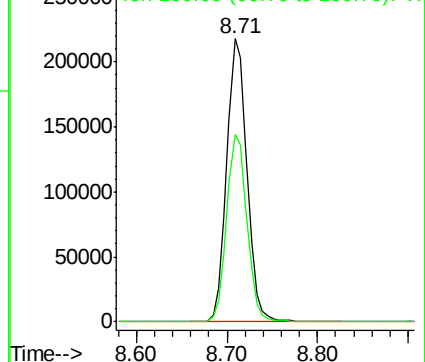
98 100

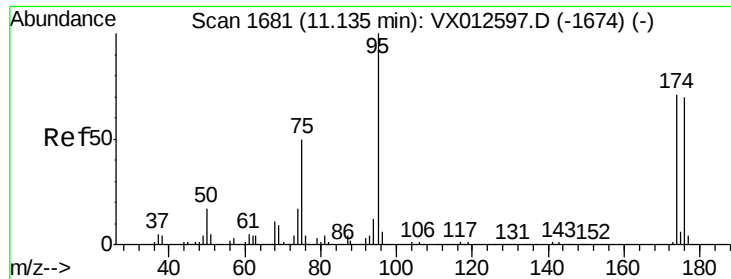
100 66.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

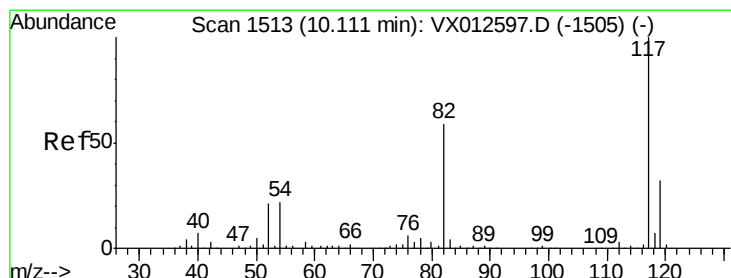
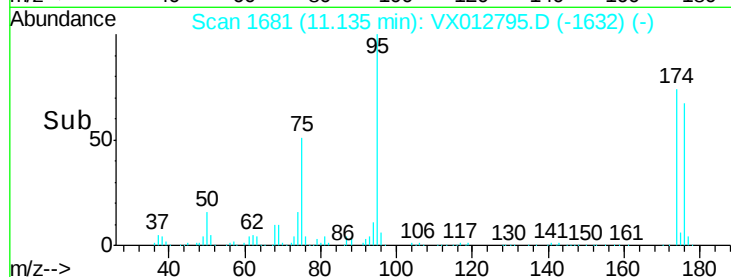
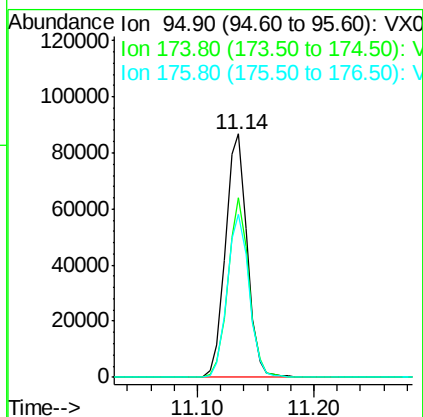
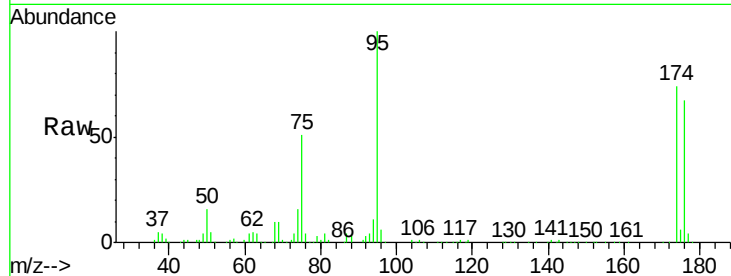




#62
4-Bromofluorobenzene
Concen: 42.714 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012795.D
Acq: 03 Oct 2019 19:43

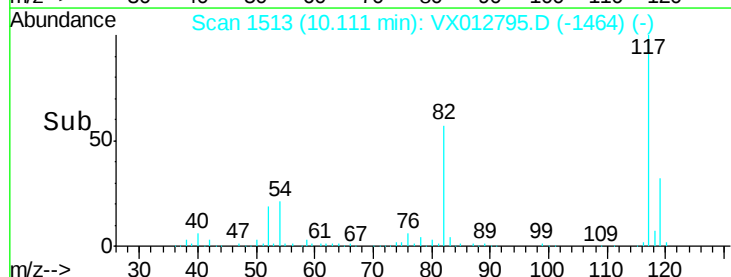
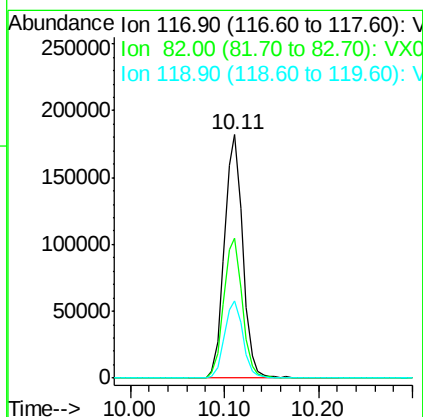
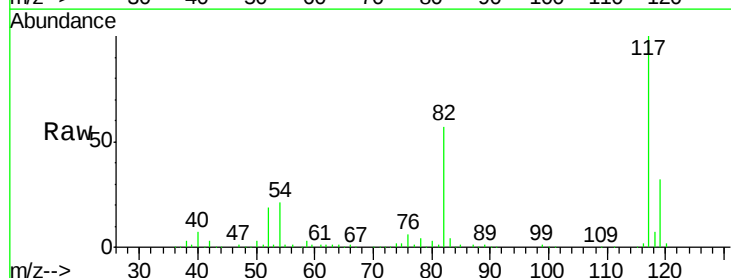
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ149I-20191001

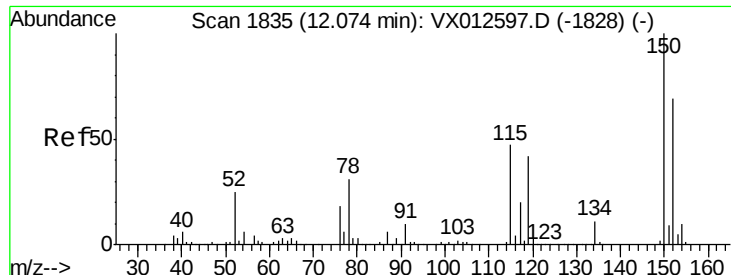
Tot Ion: 95 Resp: 111852
Ion Ratio Lower Upper
95 100
174 71.3 0.0 140.0
176 67.9 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012795.D
Acq: 03 Oct 2019 19:43

Tgt Ion: 117 Resp: 246084
Ion Ratio Lower Upper
117 100
82 57.5 45.9 68.9
119 31.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012795.D

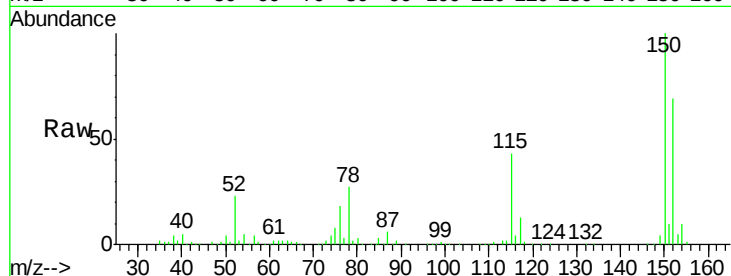
Acq: 03 Oct 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ149I-20191001



Tot Ion:152 Resp: 91197

Ion Ratio Lower Upper

152 100

115 63.3 44.1 132.3

150 152.3 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

