

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012790.D
 Acq On : 03 Oct 2019 17:46
 Operator : JC/SP
 Sample : K5189-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ133I-20190930

Quant Time: Oct 04 07:34:53 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

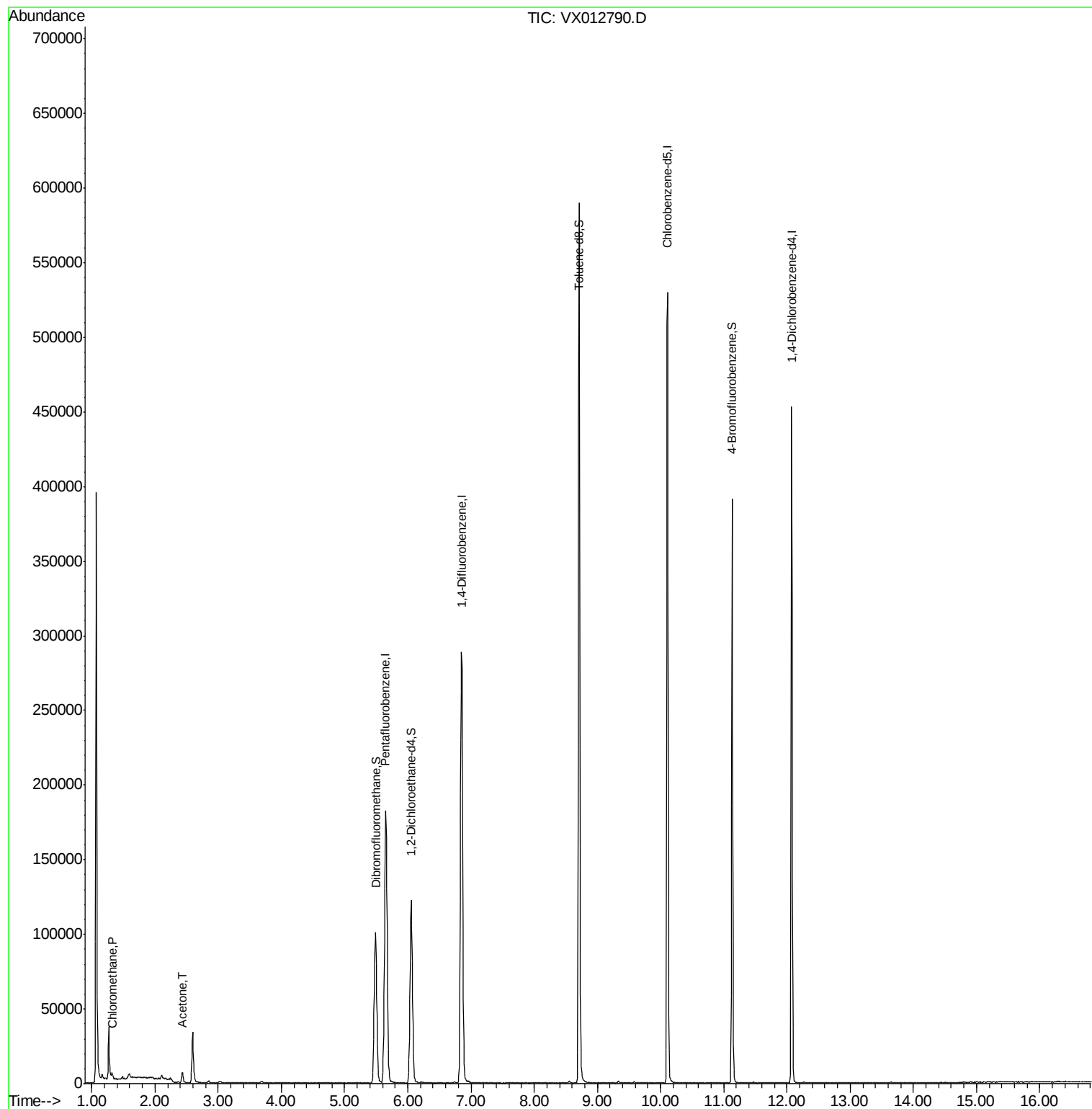
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	117820	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	5.49	113	87738	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	8.71	98	343397	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.14	95	110032	42.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.30%	
Target Compounds						
3) Chloromethane	1.32	50	2083	0.966	ug/l	99
16) Acetone	2.44	43	7872	6.117	ug/l	94

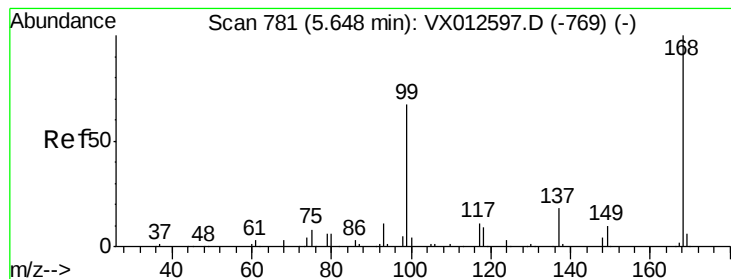
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 23 12:27:01 2019
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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: VX012790.D

Acq: 03 Oct 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

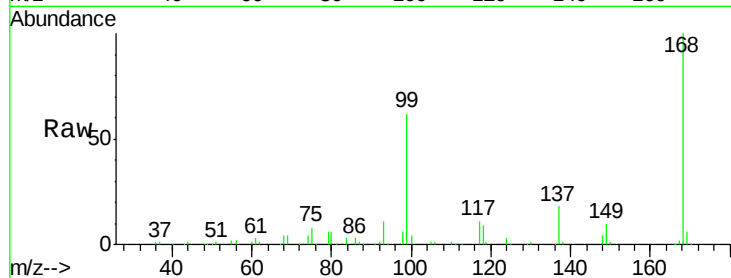
SA-PZ133I-20190930

Tot Ion:168 Resp: 166854

Ion Ratio Lower Upper

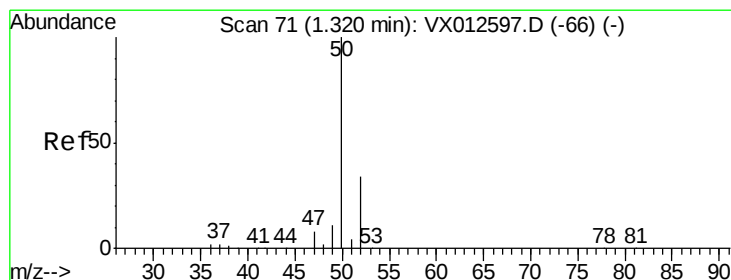
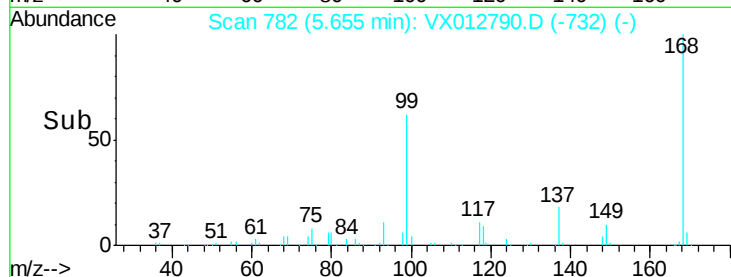
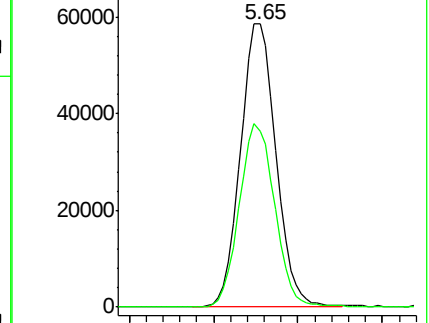
168 100

99 62.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.966 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012790.D

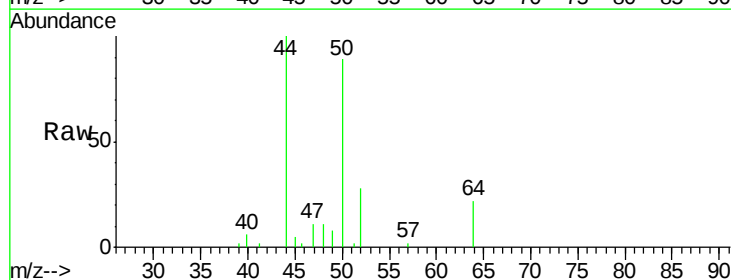
Acq: 03 Oct 2019 17:46

Tgt Ion: 50 Resp: 2083

Ion Ratio Lower Upper

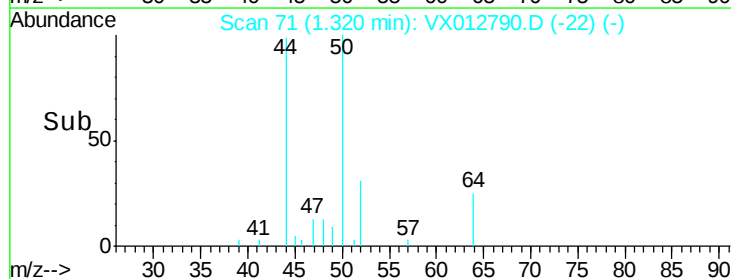
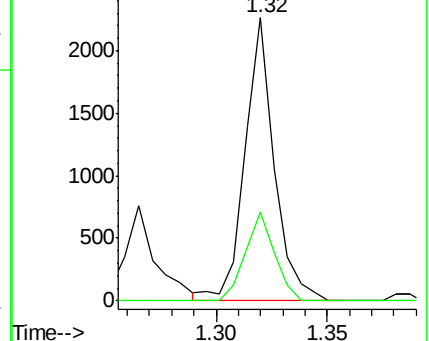
50 100

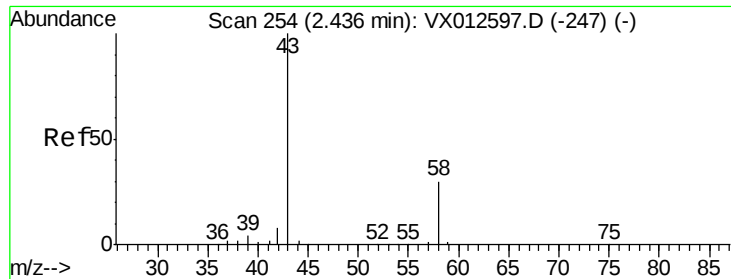
52 31.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 6.117 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012790.D

Acq: 03 Oct 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

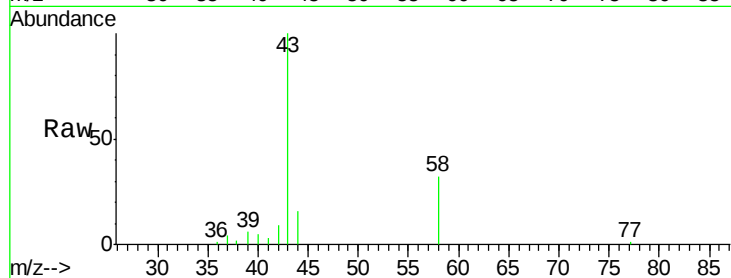
SA-PZ133I-20190930

Tot Ion: 43 Resp: 7872

Ion Ratio Lower Upper

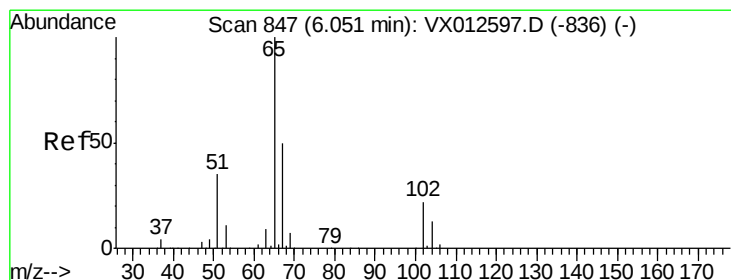
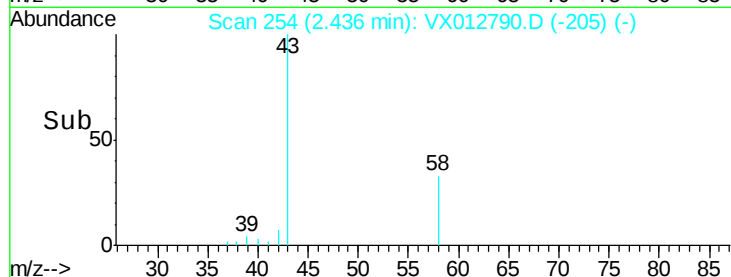
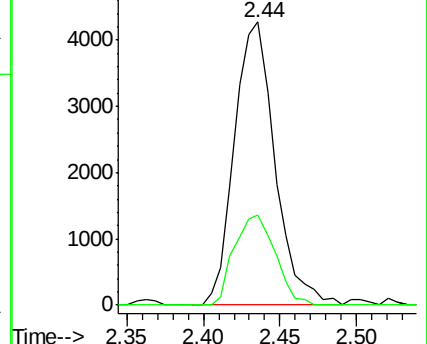
43 100

58 32.0 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: 48.491 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012790.D

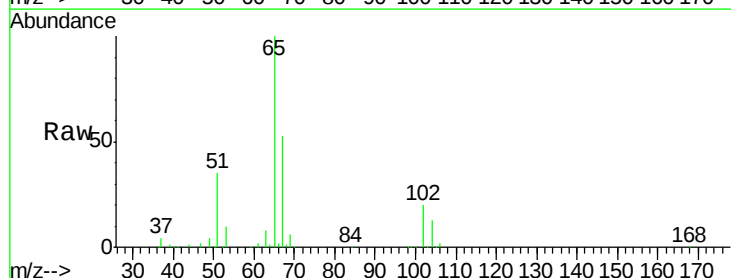
Acq: 03 Oct 2019 17:46

Tgt Ion: 65 Resp: 117820

Ion Ratio Lower Upper

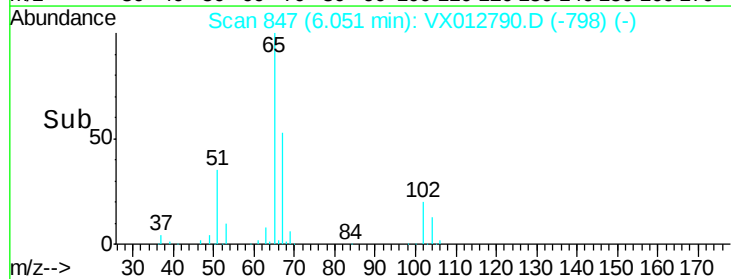
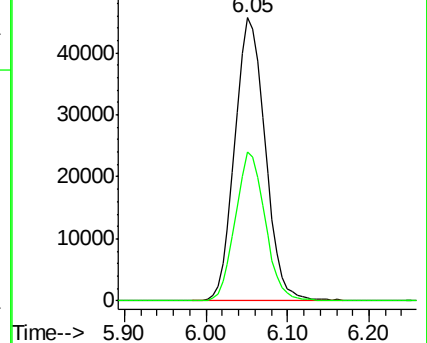
65 100

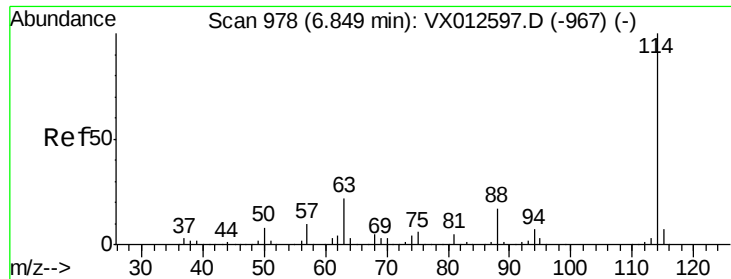
67 51.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

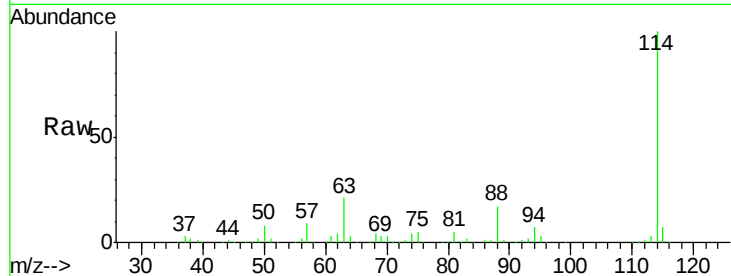




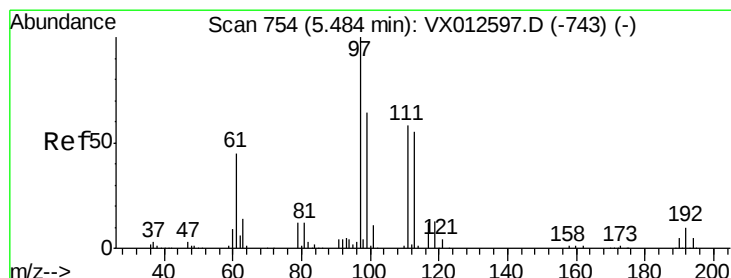
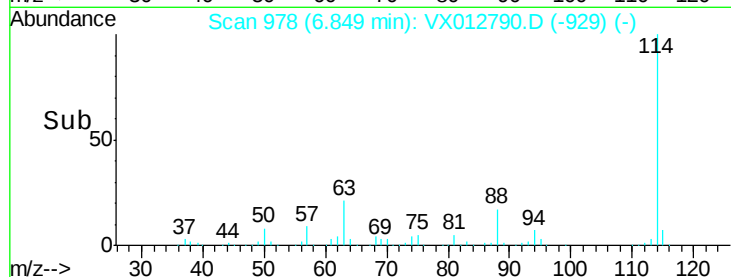
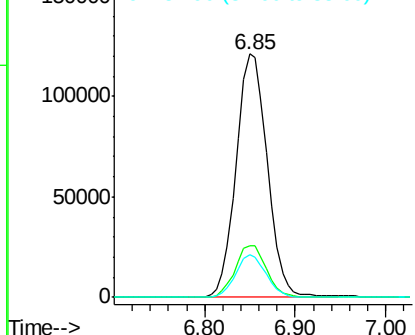
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012790.D
 Acq: 03 Oct 2019 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ133I-20190930

Tot Ion:114 Resp: 289493
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 17.5 0.0 33.2

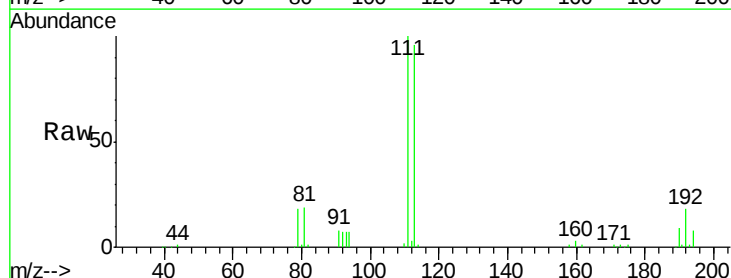


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

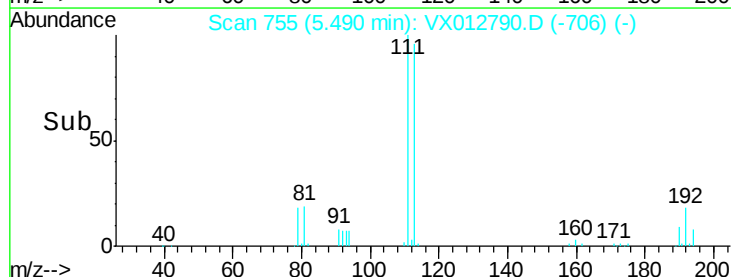
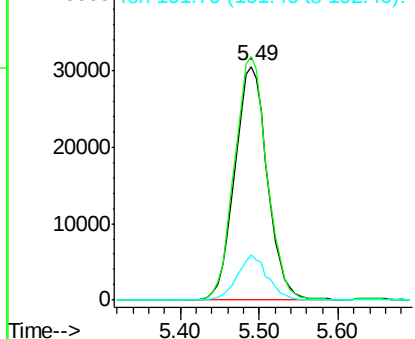


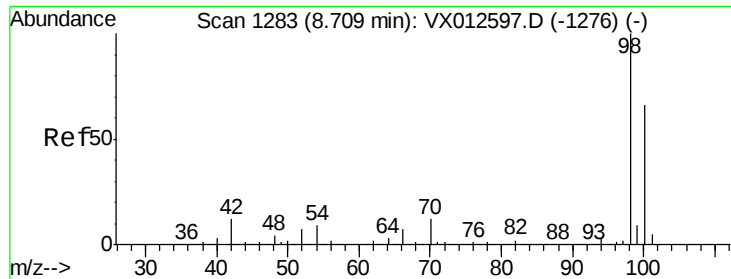
#35
 Dibromofluoromethane
 Concen: 50.890 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012790.D
 Acq: 03 Oct 2019 17:46

Tgt Ion:113 Resp: 87738
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.2
 192 18.0 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

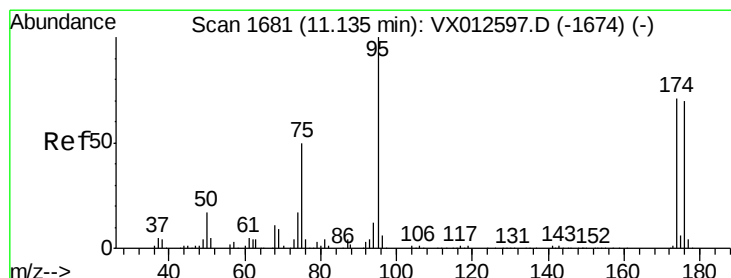
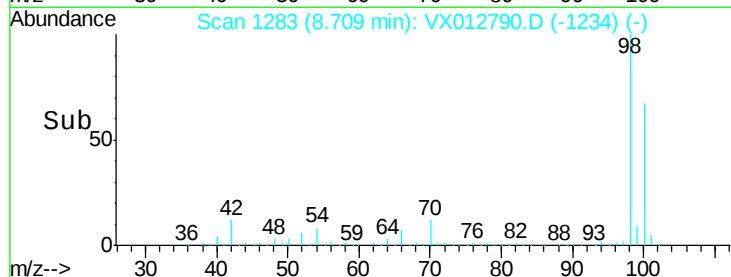
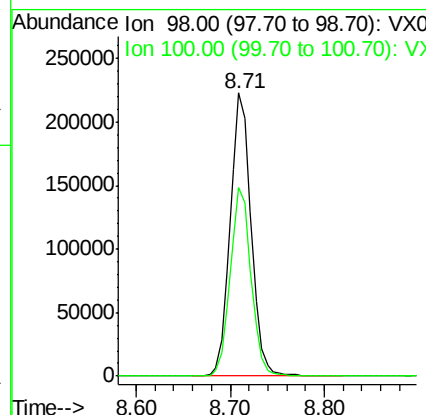
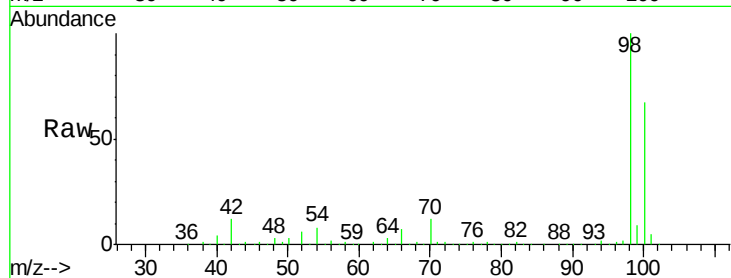




#50
Toluene-d8
Concen: 51.721 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012790.D
Acq: 03 Oct 2019 17:46

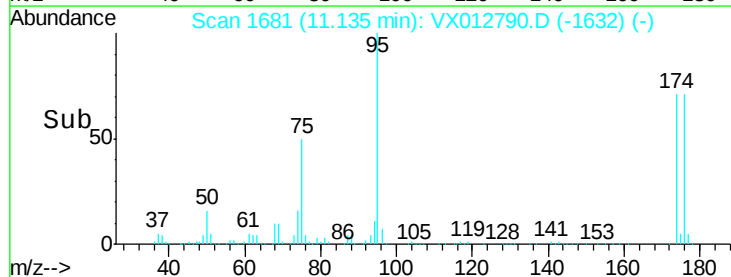
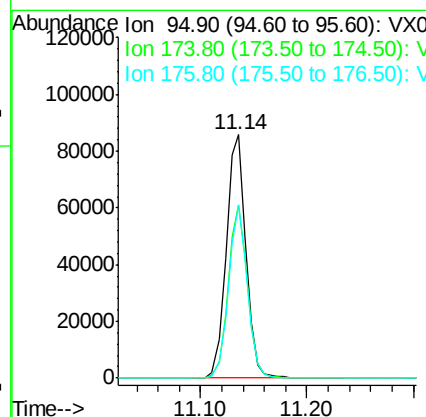
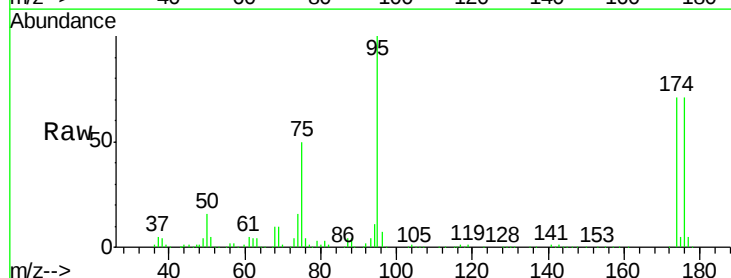
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ133I-20190930

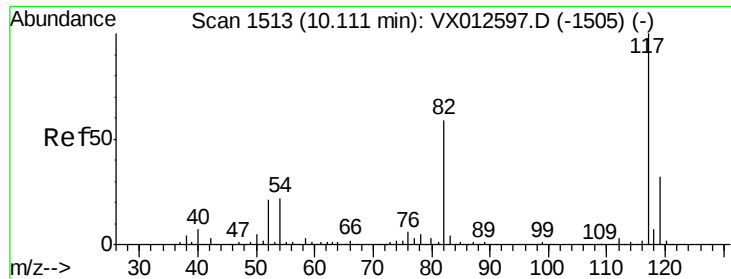
Tot Ion: 98 Resp: 343397
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 42.147 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012790.D
Acq: 03 Oct 2019 17:46

Tgt Ion: 95 Resp: 110032
Ion Ratio Lower Upper
95 100
174 69.6 0.0 140.0
176 68.2 0.0 135.4

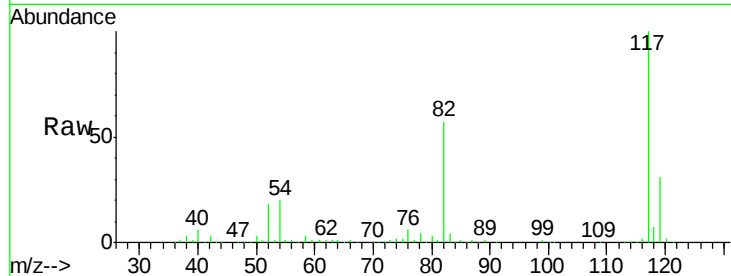




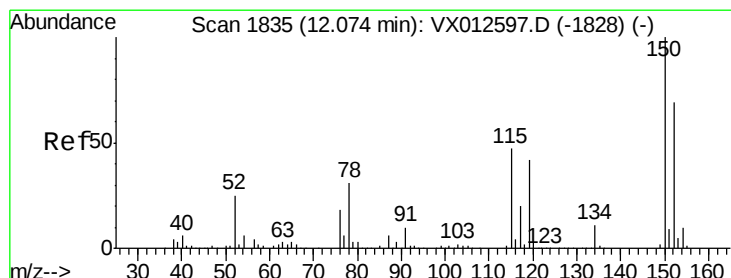
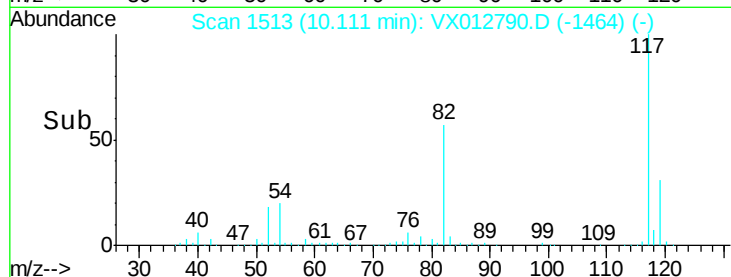
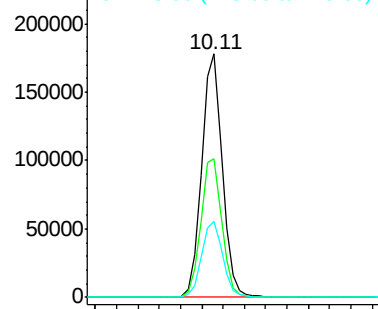
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012790.D
Acq: 03 Oct 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ133I-20190930

Tot Ion:117 Resp: 242511
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 31.3 25.3 37.9

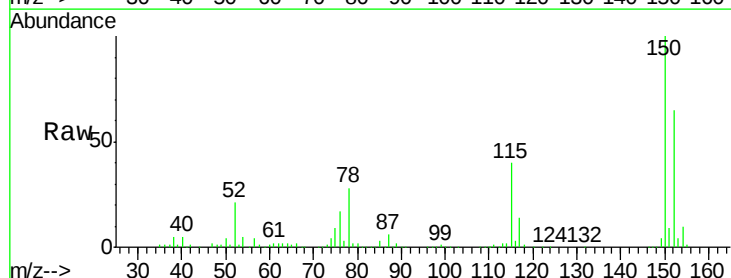


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012790.D
Acq: 03 Oct 2019 17:46

Tgt Ion:152 Resp: 86053
Ion Ratio Lower Upper
152 100
115 64.5 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

