

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012797.D
 Acq On : 03 Oct 2019 20:30
 Operator : JC/SP
 Sample : K5189-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ180I-20191001

Quant Time: Oct 04 07:47:31 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

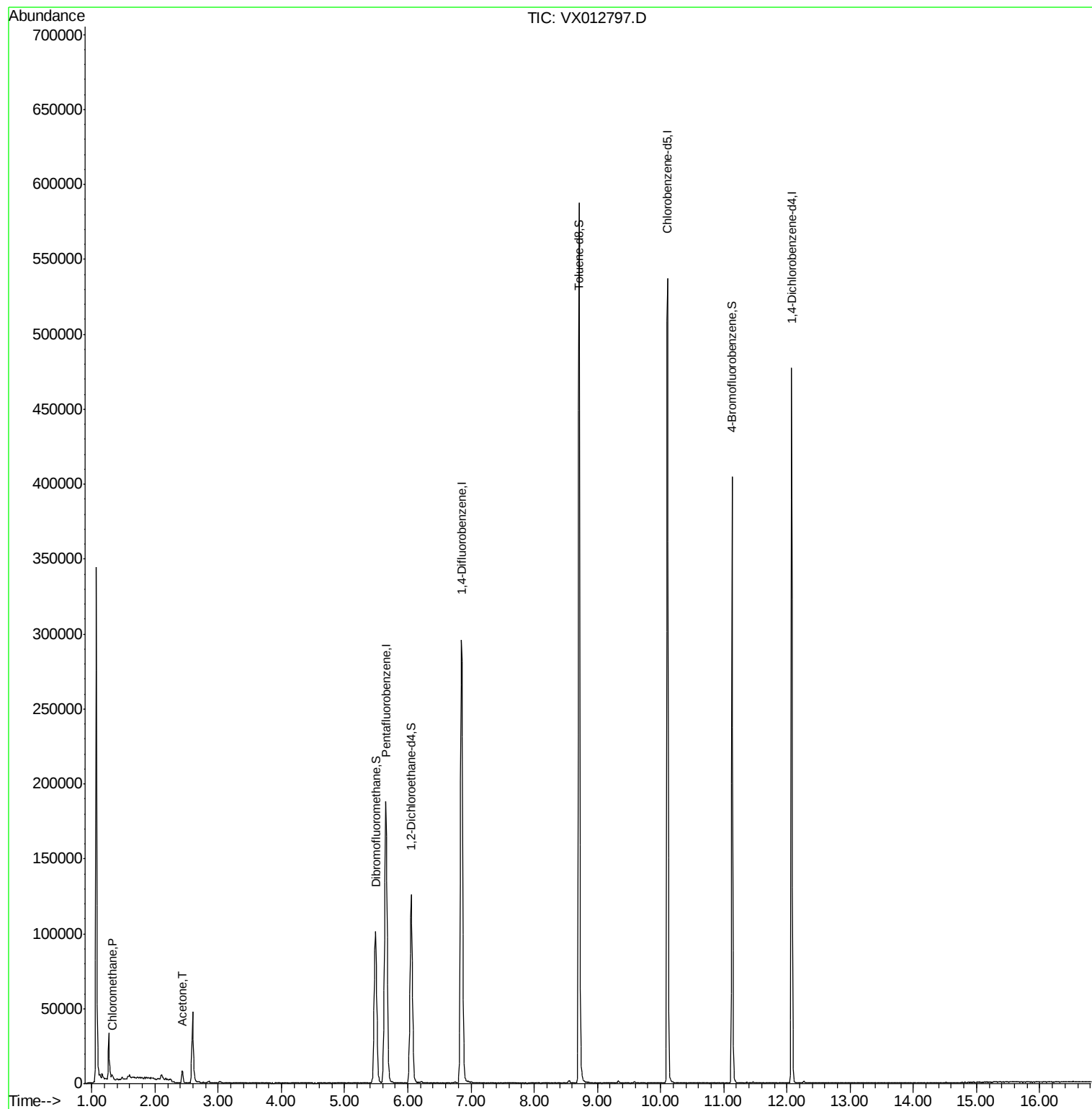
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294259	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	119504	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	5.49	113	88457	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	8.71	98	347275	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	113648	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
Target Compounds						
3) Chloromethane	1.32	50	1549	0.708	ug/l	100
16) Acetone	2.43	43	8478	6.493	ug/l	92

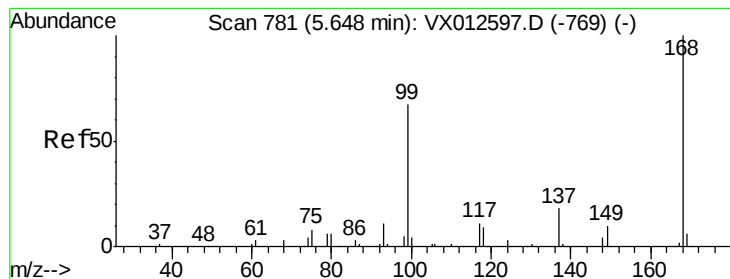
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012797.D

Acq: 03 Oct 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

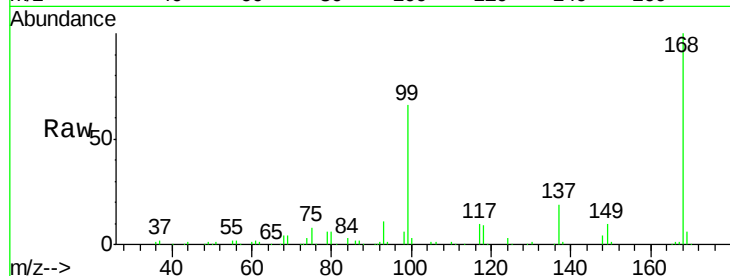
SA-PZ180I-20191001

Tot Ion:168 Resp: 169274

Ion Ratio Lower Upper

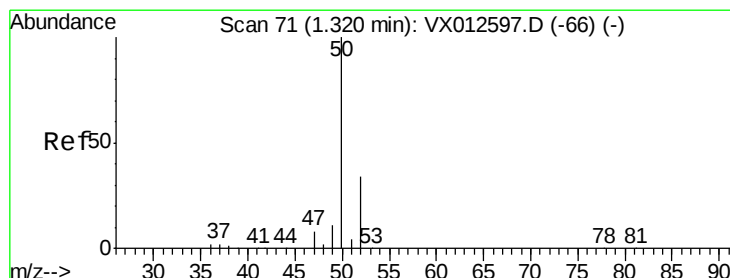
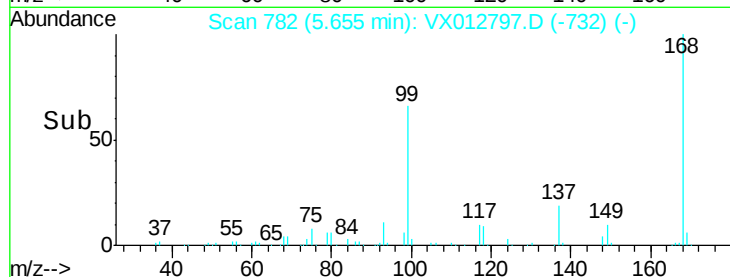
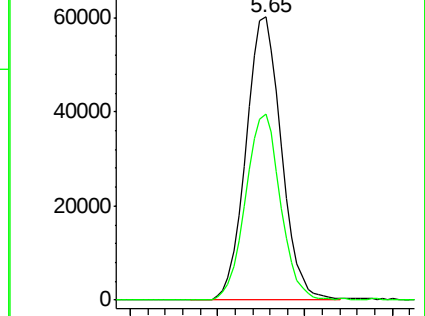
168 100

99 65.9 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: 0.708 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012797.D

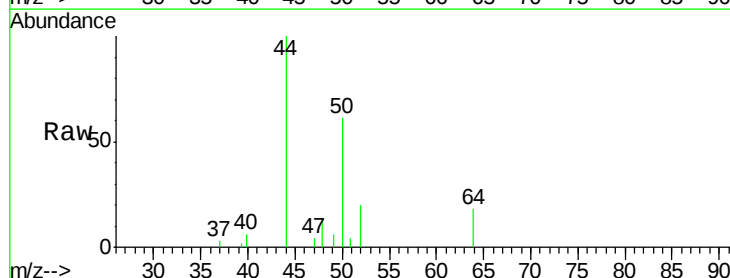
Acq: 03 Oct 2019 20:30

Tgt Ion: 50 Resp: 1549

Ion Ratio Lower Upper

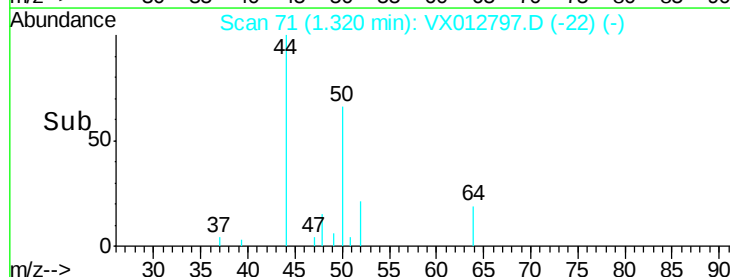
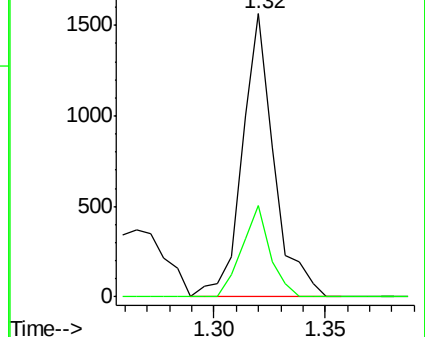
50 100

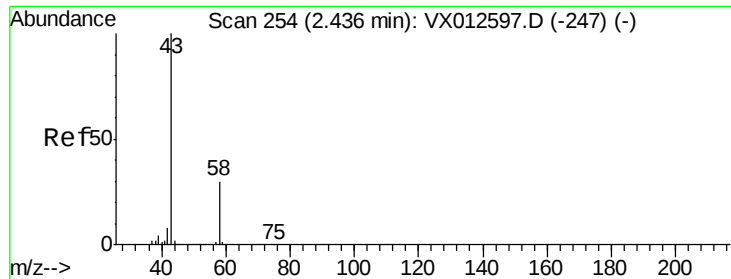
52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

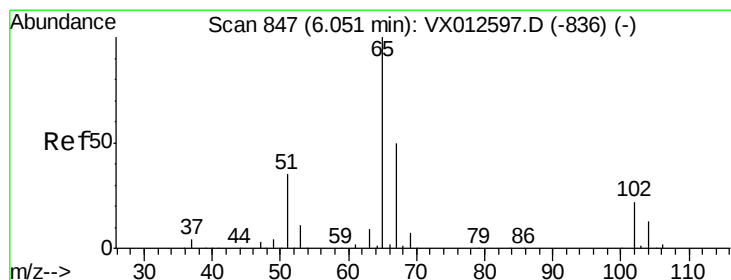
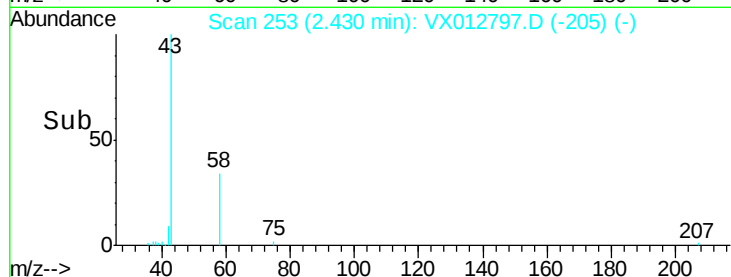
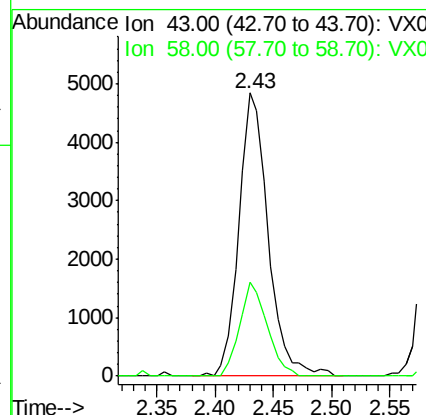
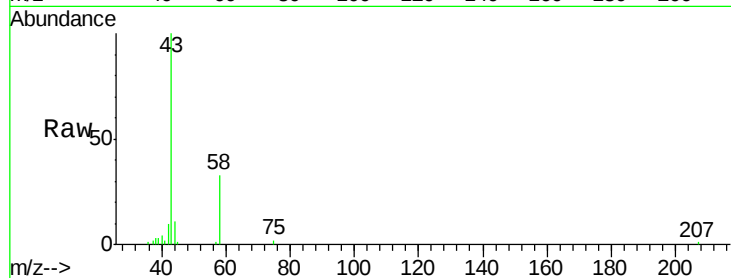




#16
Acetone
Concen: 6.493 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012797.D
Acq: 03 Oct 2019 20:30

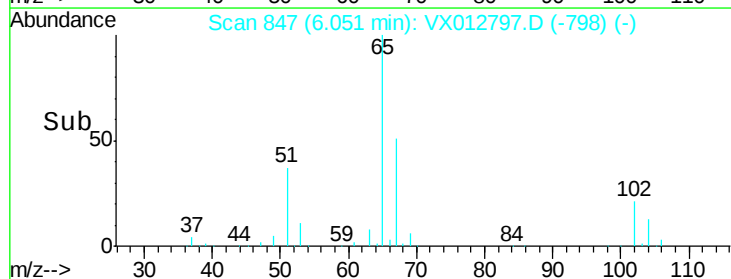
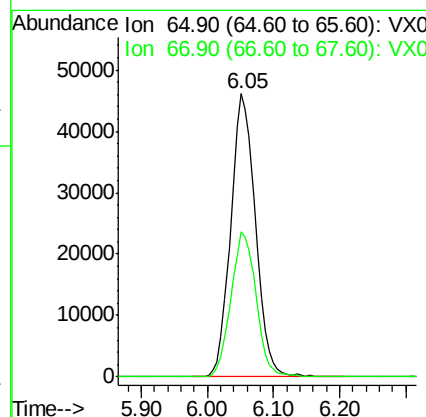
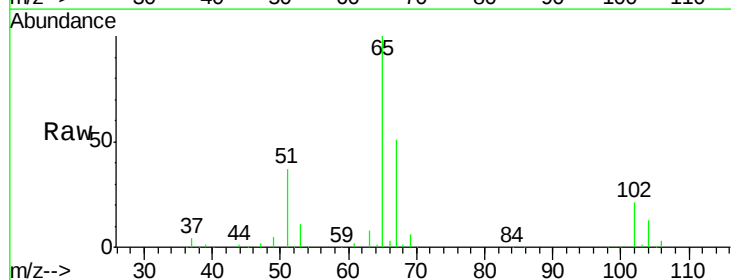
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ180I-20191001

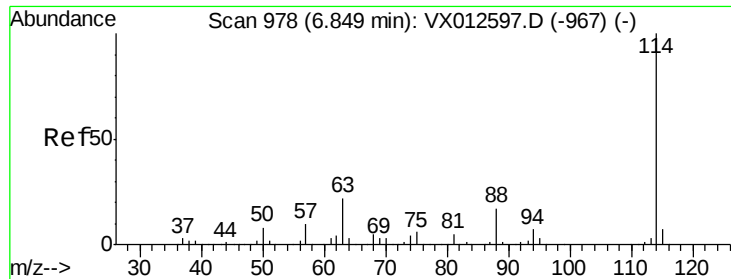
Tot Ion: 43 Resp: 8478
Ion Ratio Lower Upper
43 100
58 33.1 23.3 34.9



#33
1,2-Dichloroethane-d4
Concen: 48.481 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012797.D
Acq: 03 Oct 2019 20:30

Tgt Ion: 65 Resp: 119504
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.2

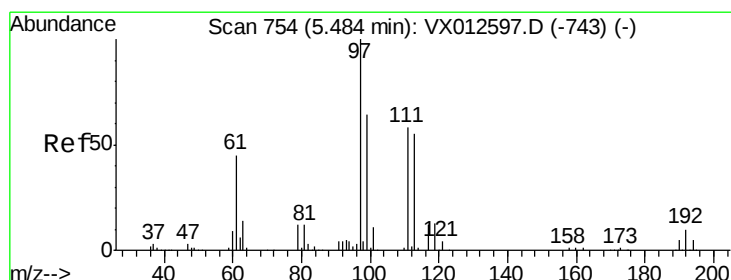
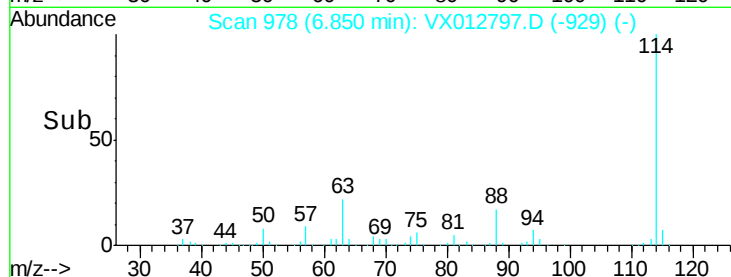
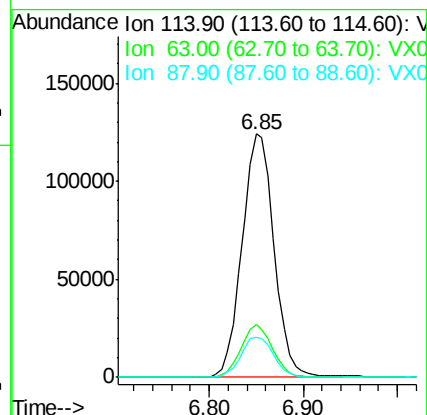
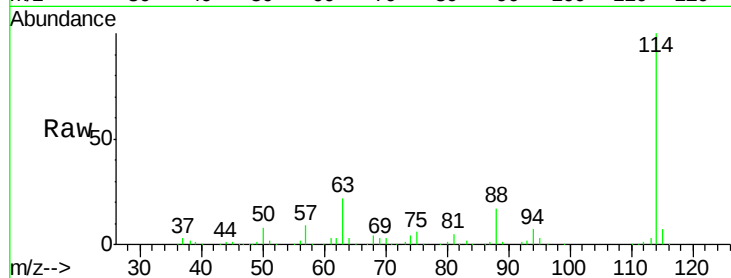




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012797.D
 Acq: 03 Oct 2019 20:30

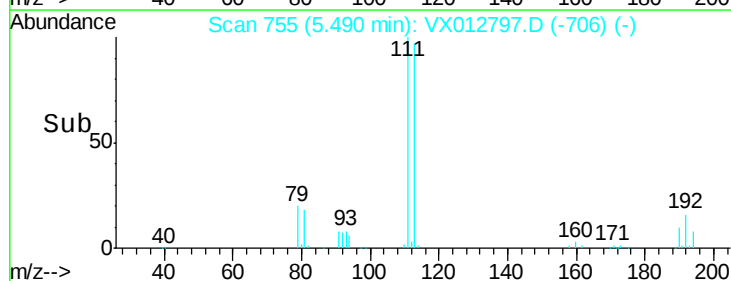
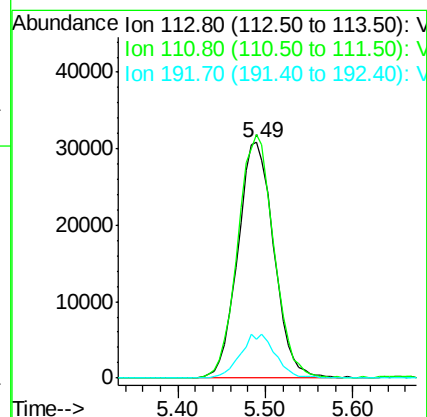
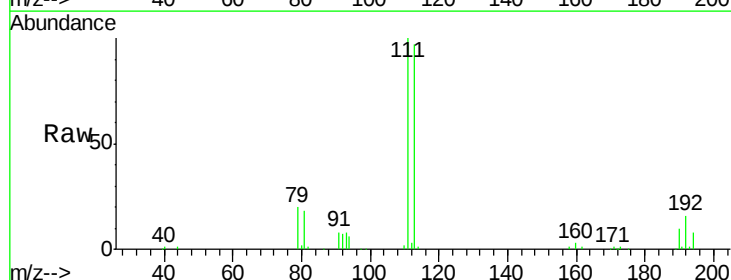
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ180I-20191001

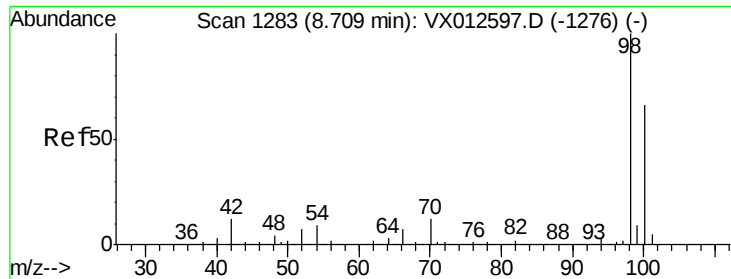
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	16.7	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 50.477 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012797.D
 Acq: 03 Oct 2019 20:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	18.1	14.4	21.6





#50

Toluene-d8

Concen: 51.458 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012797.D

Acq: 03 Oct 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

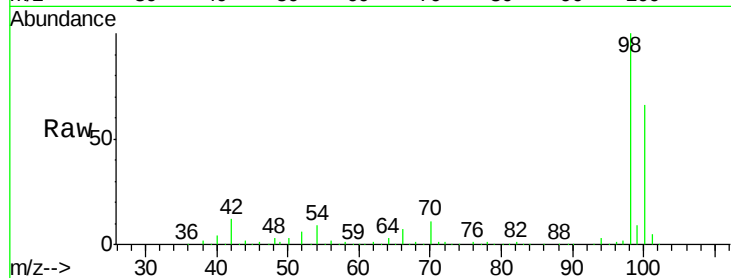
SA-PZ180I-20191001

Tot Ion: 98 Resp: 347275

Ion Ratio Lower Upper

98 100

100 66.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

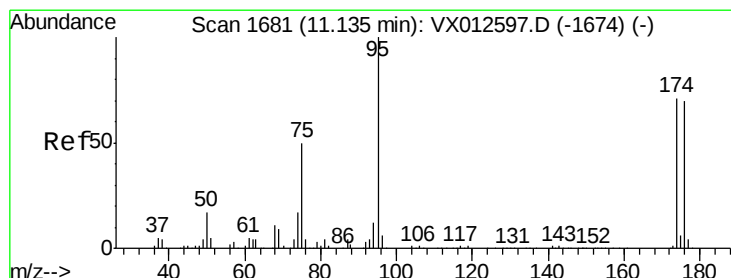
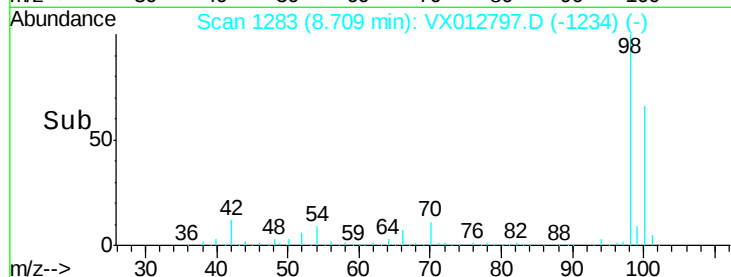
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 42.827 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012797.D

Acq: 03 Oct 2019 20:30

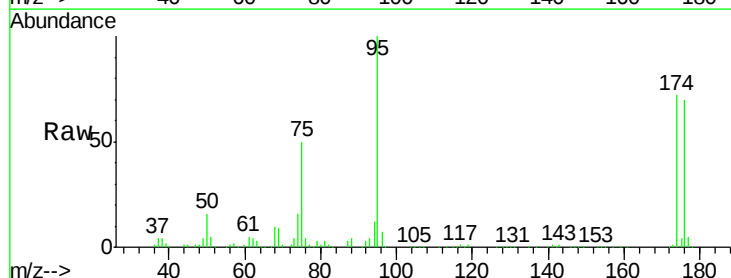
Tgt Ion: 95 Resp: 113648

Ion Ratio Lower Upper

95 100

174 69.0 0.0 140.0

176 67.6 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

120000

100000

80000

60000

40000

20000

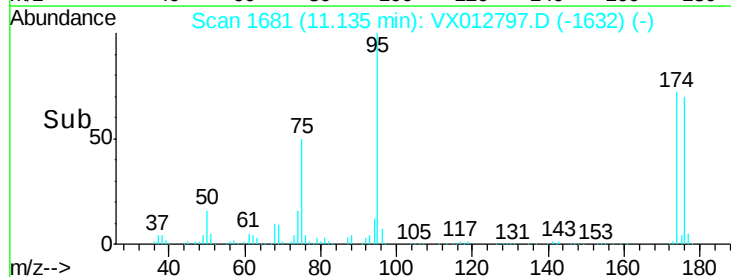
0

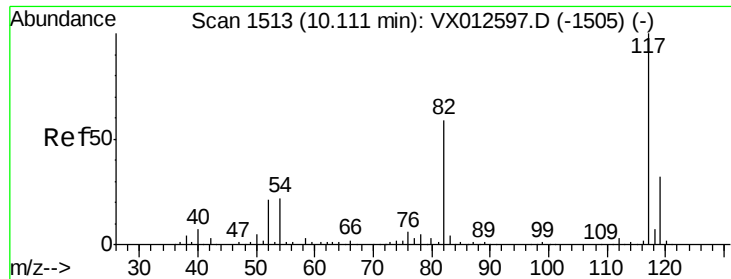
11.10

11.14

11.20

Time-->

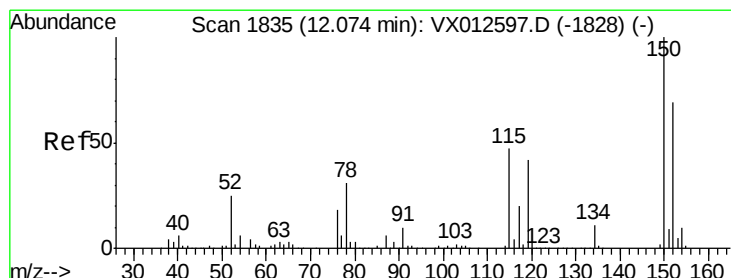
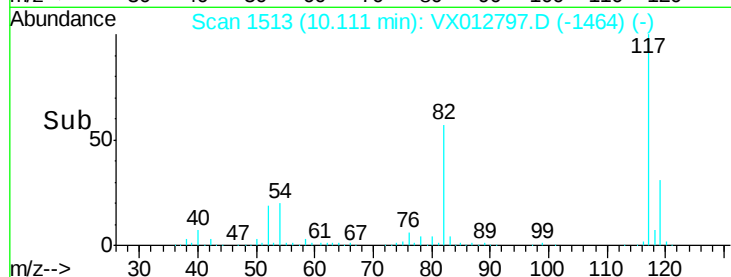
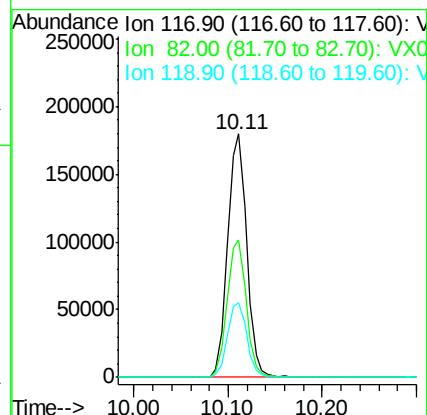
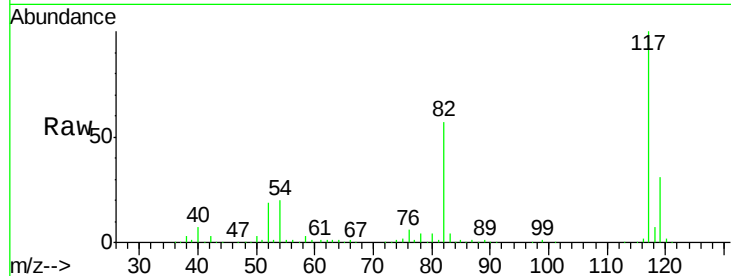




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012797.D
Acq: 03 Oct 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ180I-20191001

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.9	68.9
119	30.9	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: VX012797.D
Acq: 03 Oct 2019 20:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	44.1	132.3
150	156.6	0.0	343.8

