

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
 Data File : VX007190.D
 Acq On : 22 Jan 2019 19:01
 Operator : JC/SP
 Sample : K1214-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW531-4246

Quant Time: Jan 28 03:36:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

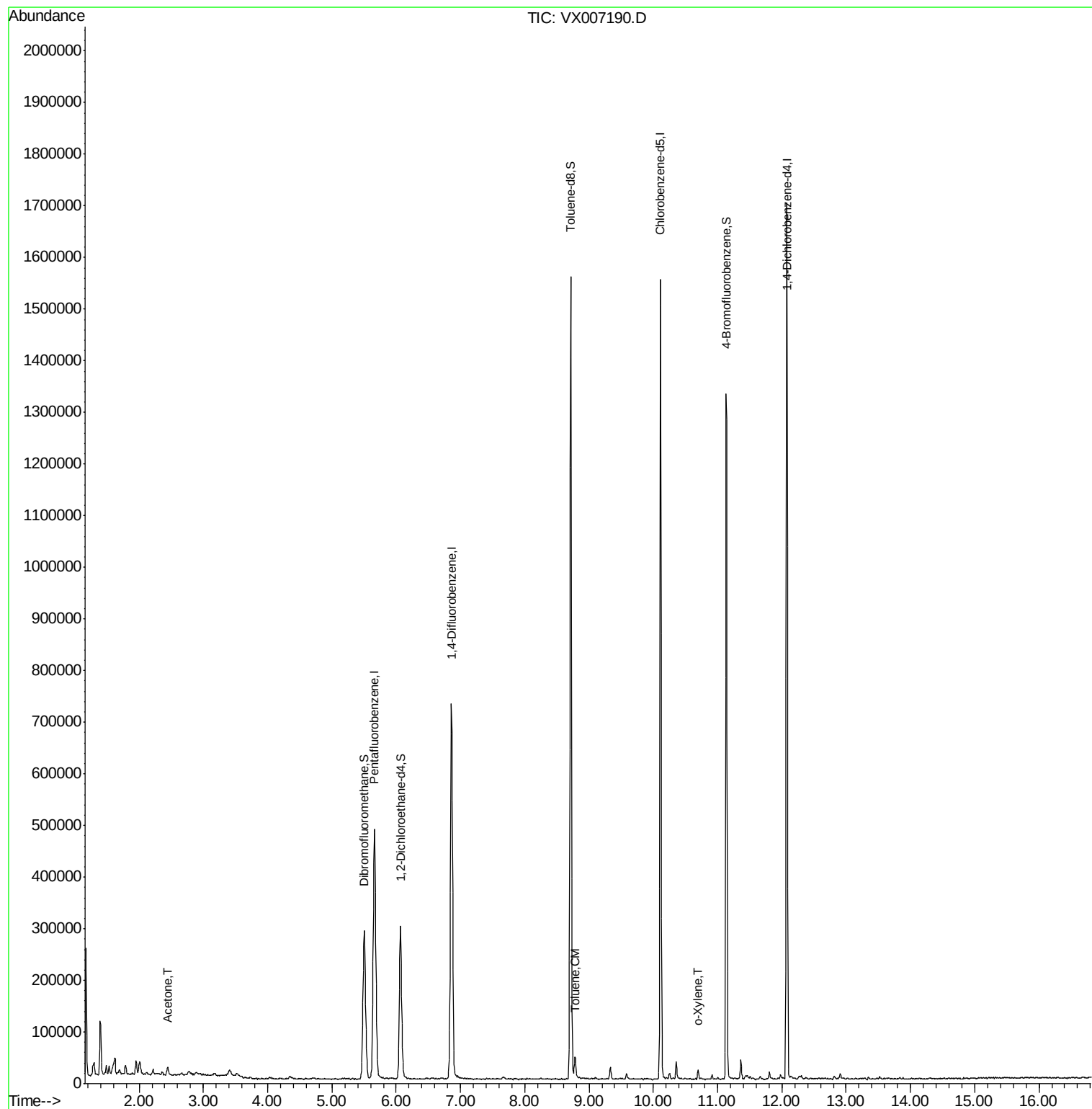
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	503846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	780050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	742436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	366889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	277242	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
35) Dibromofluoromethane	5.51	113	241044	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	940979	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	337379	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
Target Compounds						
16) Acetone	2.45	43	15687	6.026	ug/l #	88
52) Toluene	8.79	92	15896	1.195	ug/l	96
69) o-Xylene	10.70	106	4824	0.470	ug/l	82

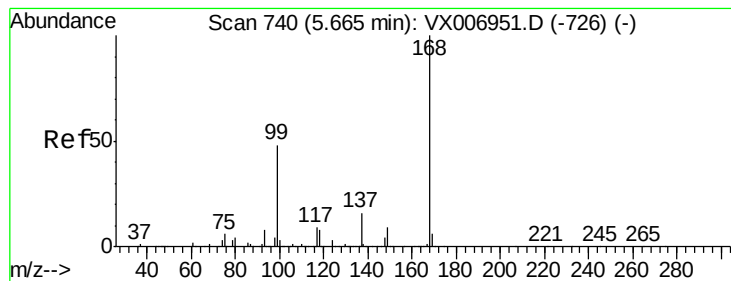
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007190.D

Acq: 22 Jan 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

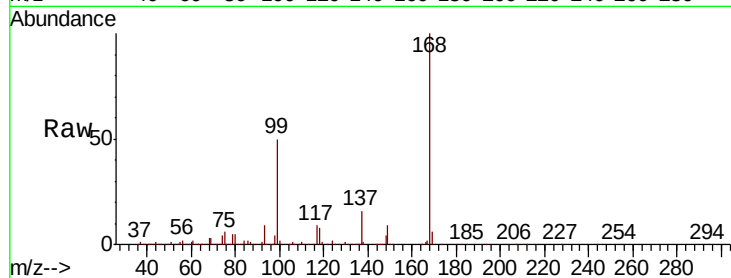
SA-TW531-4246

Tot Ion:168 Resp: 503846

Ion Ratio Lower Upper

168 100

99 50.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

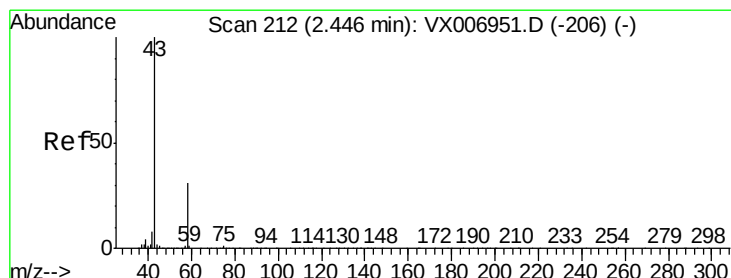
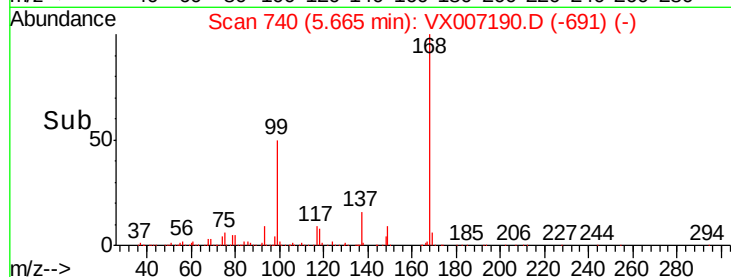
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.026 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007190.D

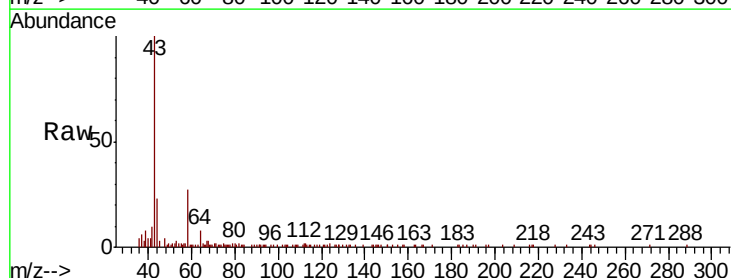
Acq: 22 Jan 2019 19:01

Tgt Ion: 43 Resp: 15687

Ion Ratio Lower Upper

43 100

58 24.8 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

6000

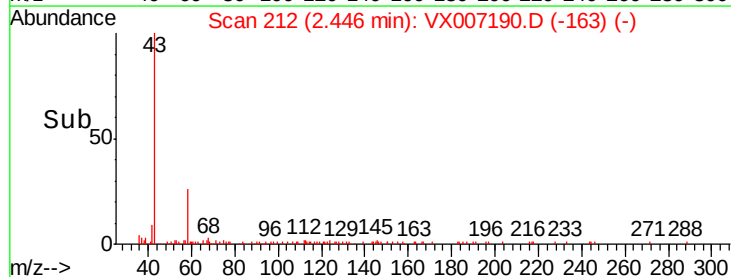
4000

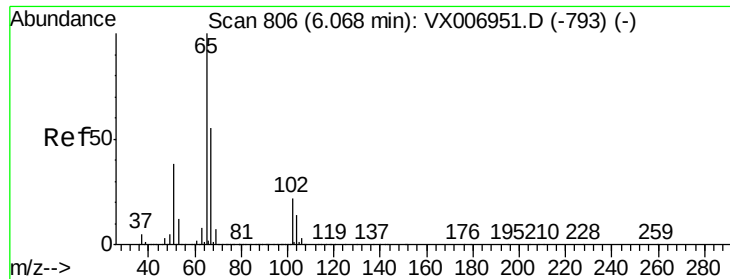
2000

0

Time-->

2.40 2.45 2.50

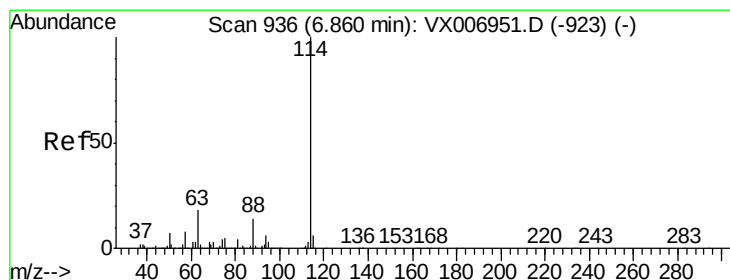
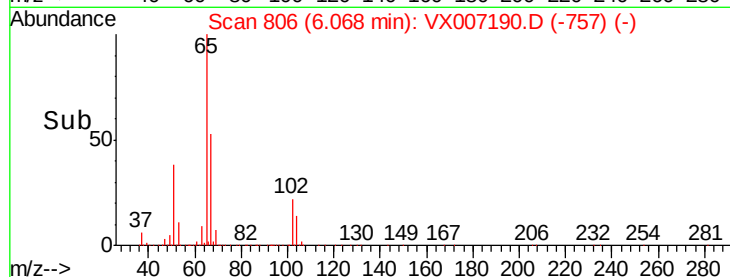
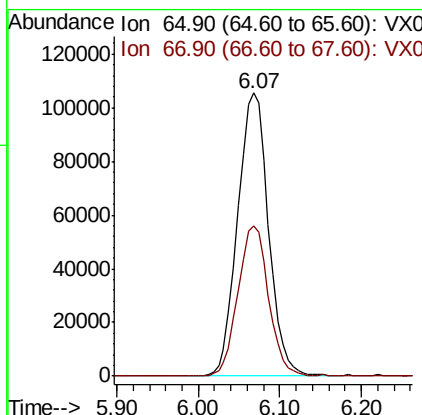
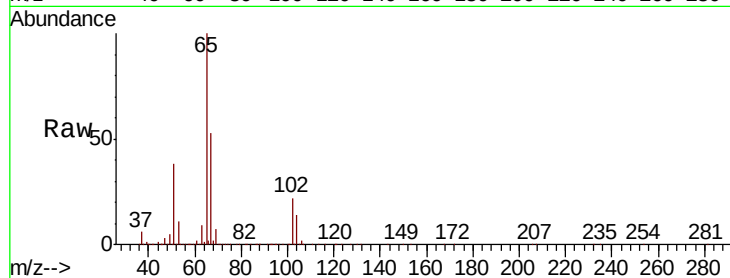




#33
 1,2-Dichloroethane-d4
 Concen: 52.651 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007190.D
 Acq: 22 Jan 2019 19:01

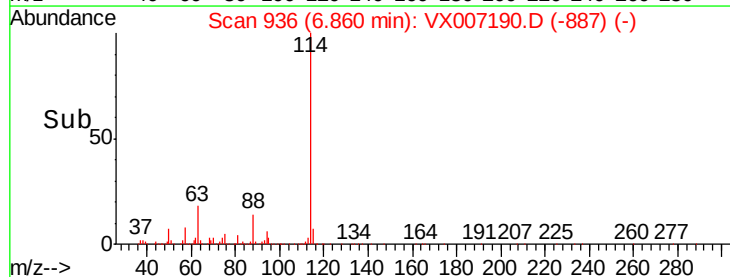
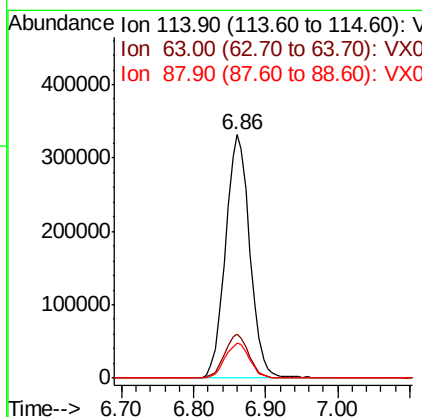
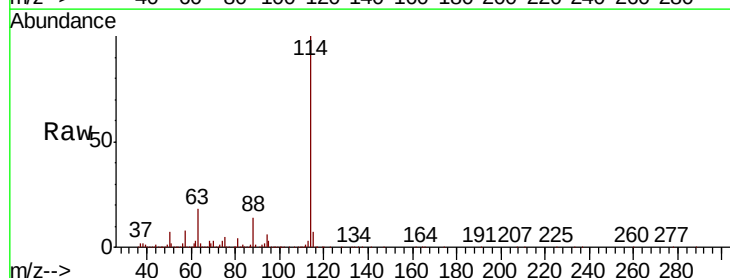
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW531-4246

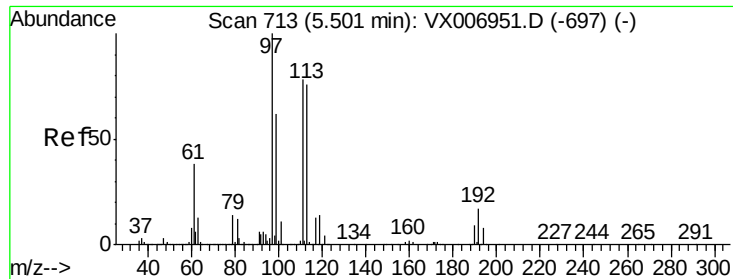
Tot Ion: 65 Resp: 277242
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007190.D
 Acq: 22 Jan 2019 19:01

Tgt Ion: 114 Resp: 780050
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 14.2 0.0 28.8

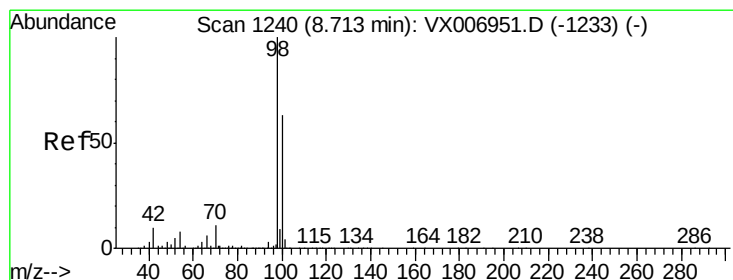
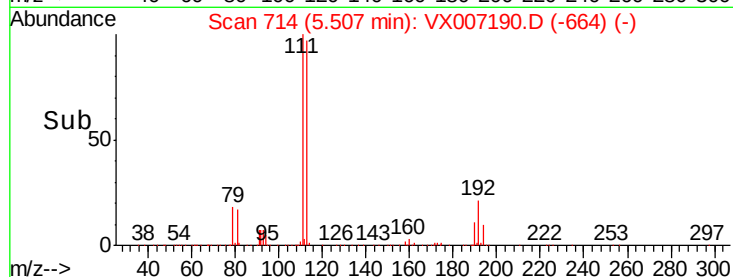
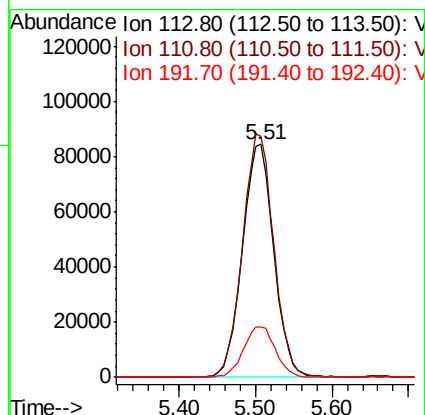
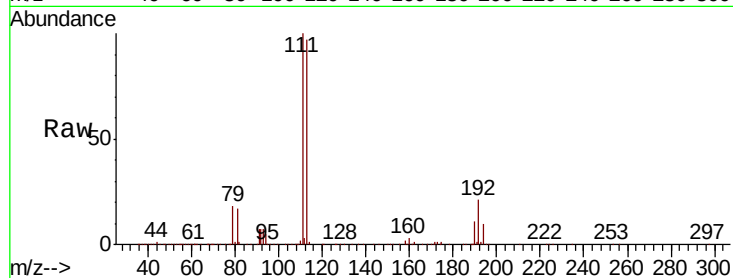




#35
 Dibromofluoromethane
 Concen: 48.253 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007190.D
 Acq: 22 Jan 2019 19:01

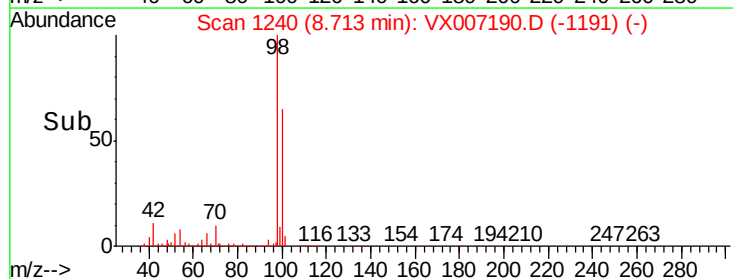
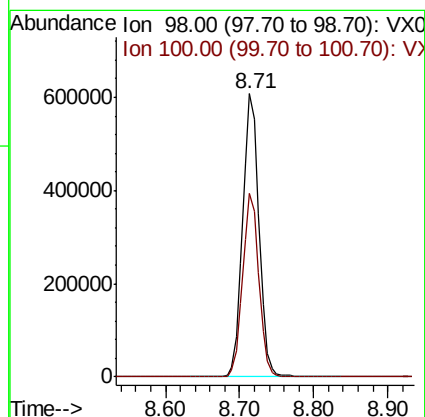
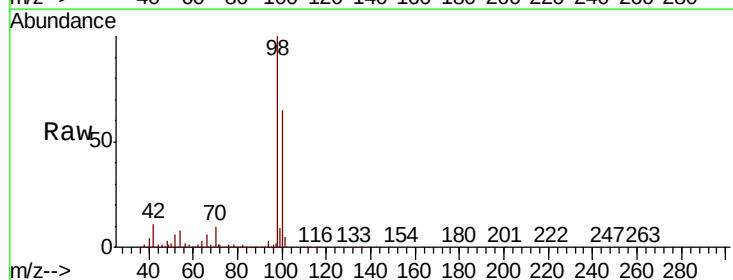
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW531-4246

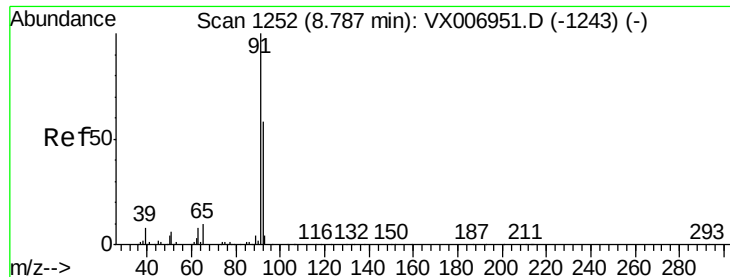
Tot Ion:113 Resp: 241044
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.6 122.4
 192 22.1 16.7 25.1



#50
 Toluene-d8
 Concen: 51.463 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007190.D
 Acq: 22 Jan 2019 19:01

Tgt Ion: 98 Resp: 940979
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.0 78.0





#52

Toluene

Concen: 1.195 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007190.D

Acq: 22 Jan 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

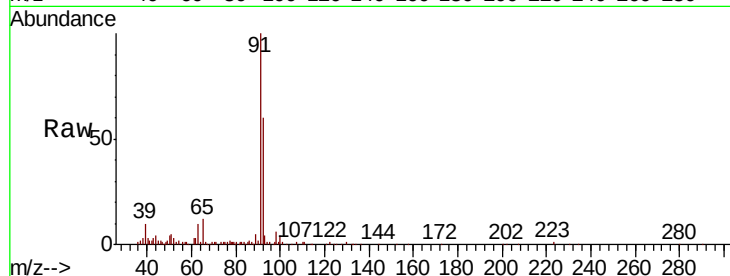
SA-TW531-4246

Tot Ion: 92 Resp: 15896

Ion Ratio Lower Upper

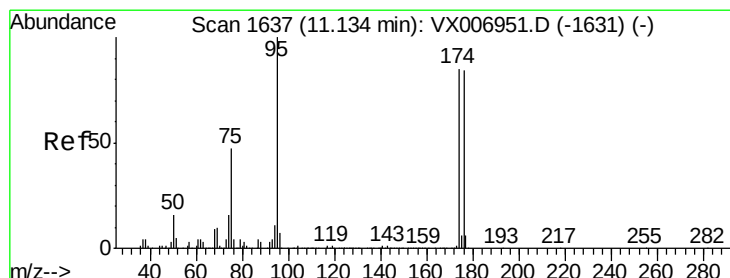
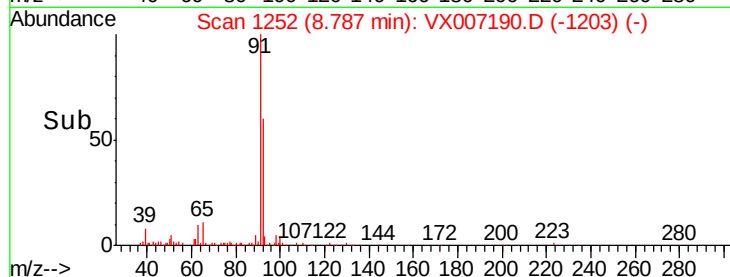
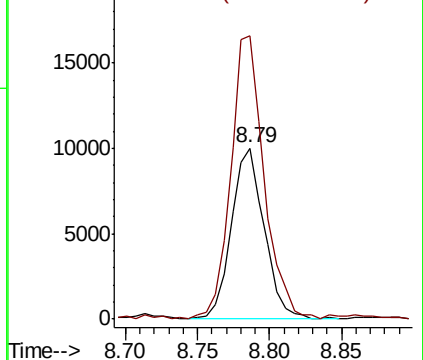
92 100

91 167.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 52.926 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007190.D

Acq: 22 Jan 2019 19:01

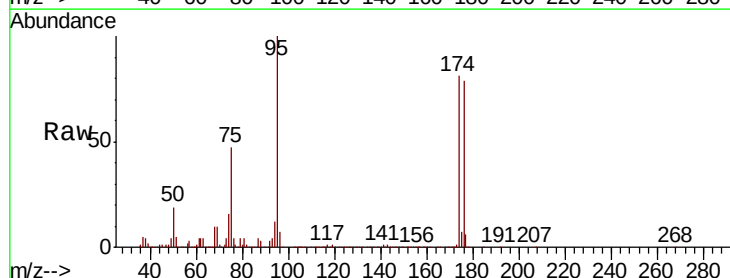
Tgt Ion: 95 Resp: 337379

Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.2

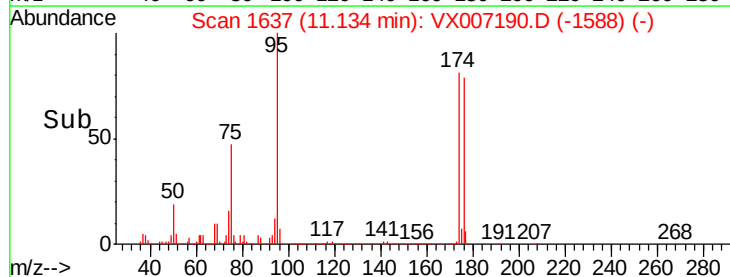
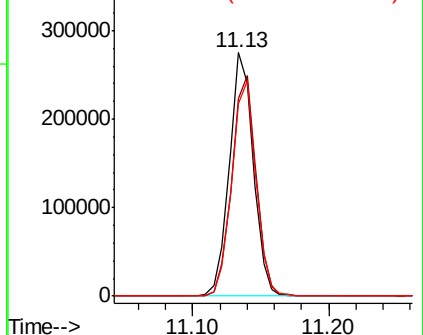
176 89.7 0.0 178.8

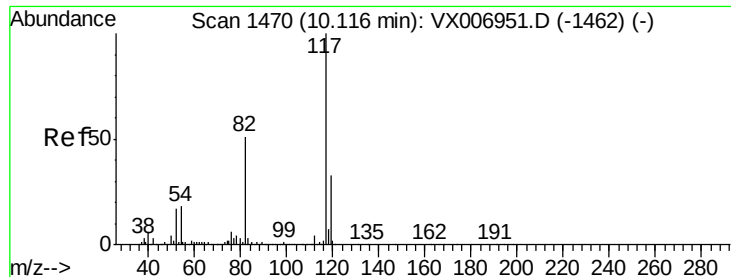


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

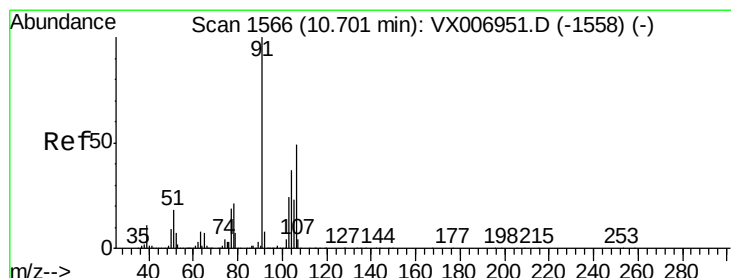
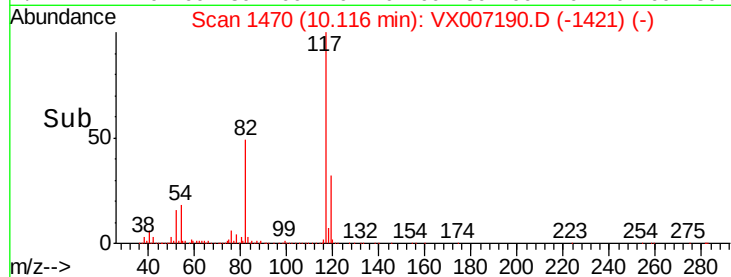
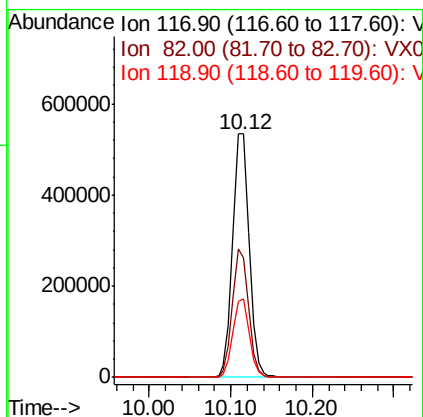
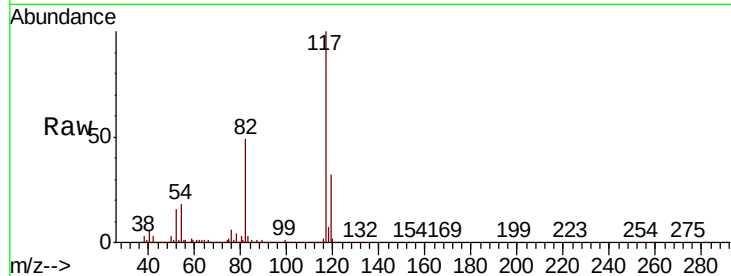




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007190.D
Acq: 22 Jan 2019 19:01

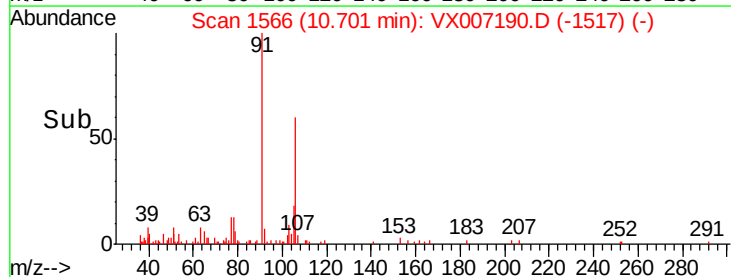
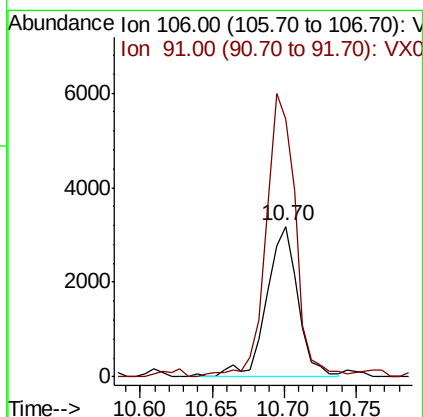
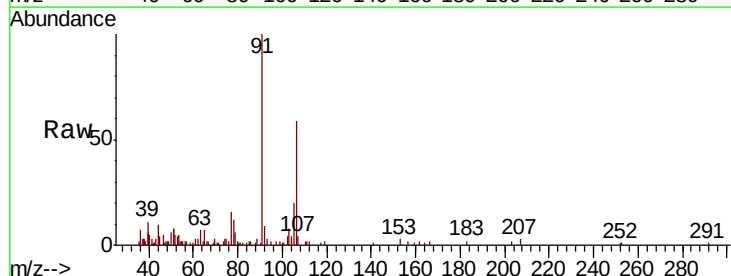
Instrument :
MSVOA_X
ClientSampled :
SA-TW531-4246

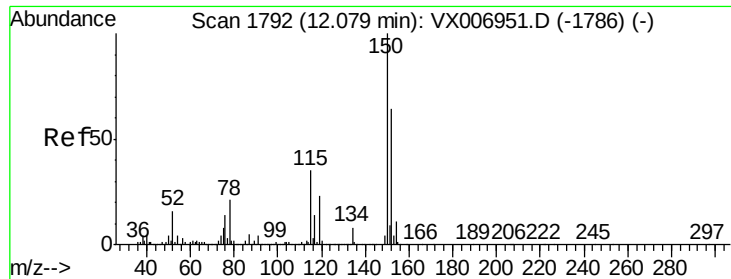
Tot Ion:117 Resp: 742436
Ion Ratio Lower Upper
117 100
82 49.3 41.0 61.6
119 32.3 25.4 38.0



#69
o-Xylene
Concen: 0.470 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007190.D
Acq: 22 Jan 2019 19:01

Tgt Ion:106 Resp: 4824
Ion Ratio Lower Upper
106 100
91 175.1 101.3 303.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007190.D

Acq: 22 Jan 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-TW531-4246

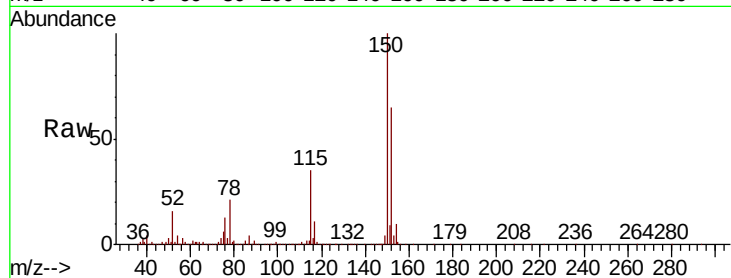
Tot Ion:152 Resp: 366889

Ion Ratio Lower Upper

152 100

115 55.5 39.1 117.2

150 157.7 0.0 344.8



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

