

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004843.D
 Acq On : 29 Sep 2018 01:52
 Operator : JC/MD
 Sample : J5134-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW504-3438

Quant Time: Oct 01 12:42:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216410	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187763	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	5.50	113	165788	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.72	98	563663	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.14	95	205560	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	

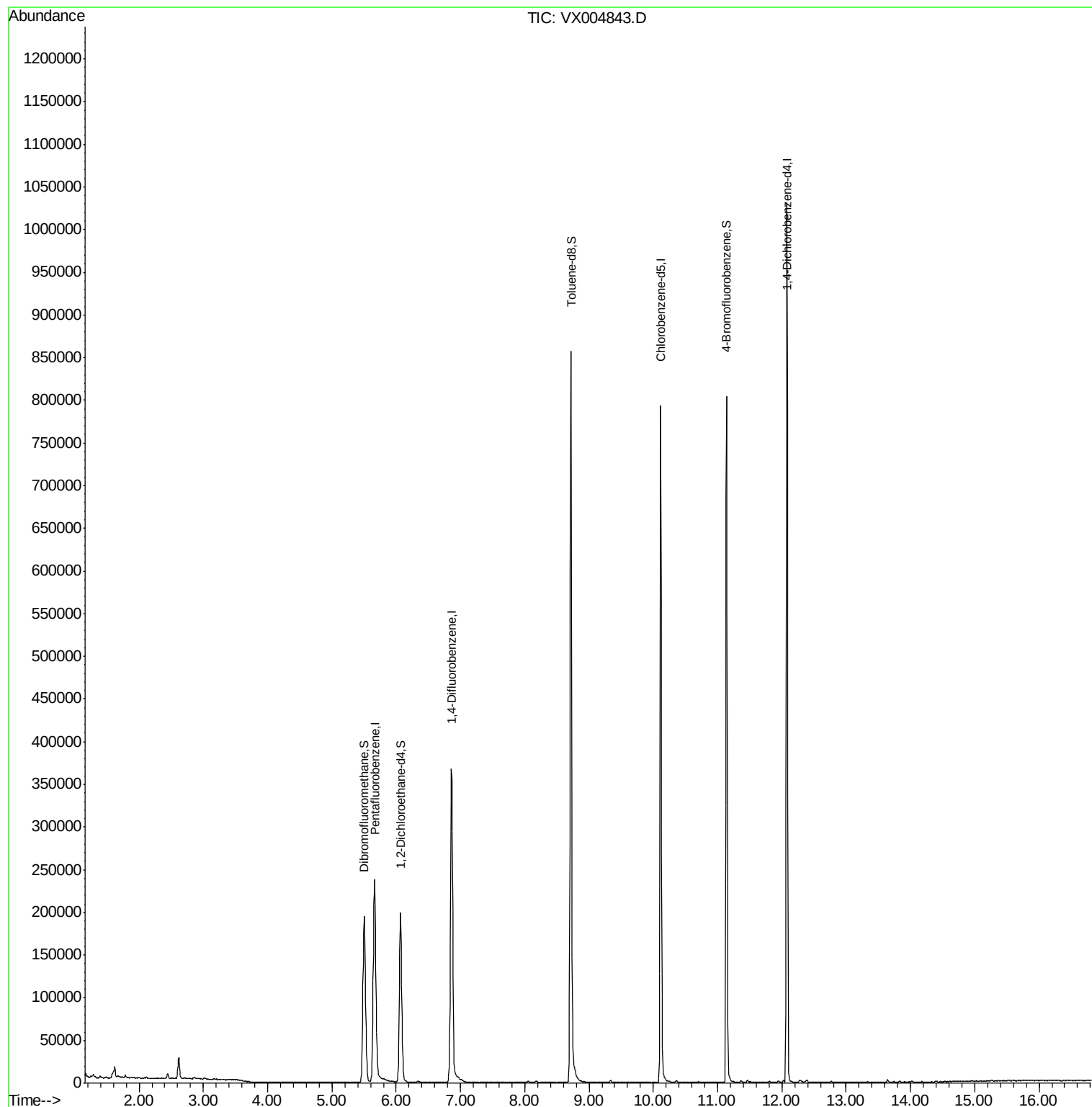
Target Compounds	Qvalue

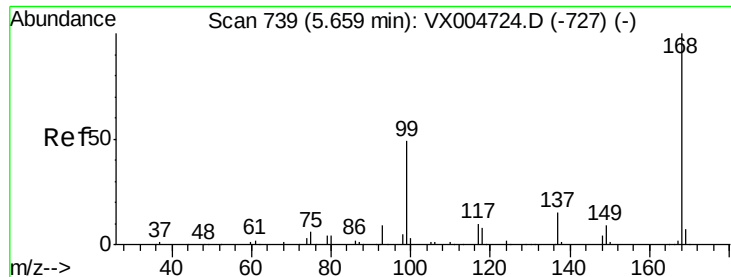
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004843.D

Acq: 29 Sep 2018 01:52

Instrument :

MSVOA_X

ClientSampleId :

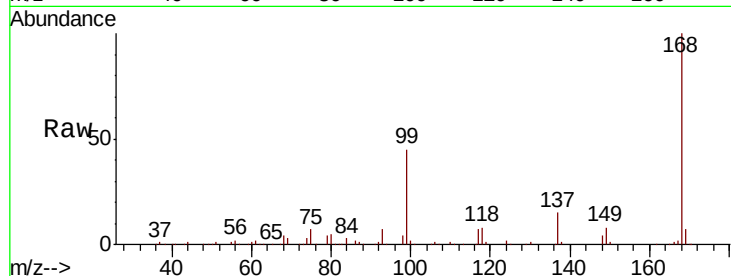
SA-TW504-3438

Tot Ion:168 Resp: 254815

Ion Ratio Lower Upper

168 100

99 45.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

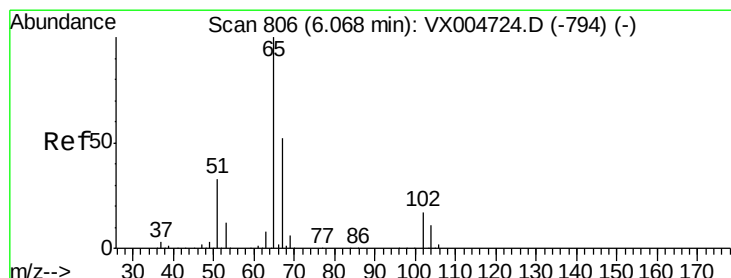
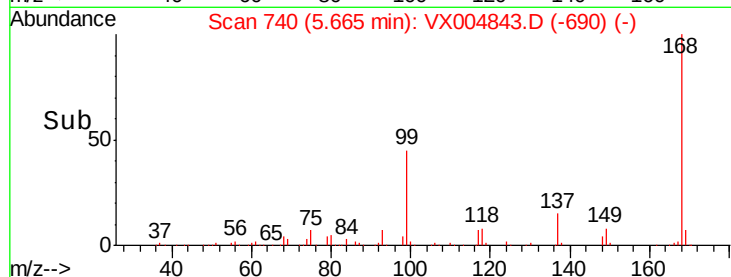
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.583 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004843.D

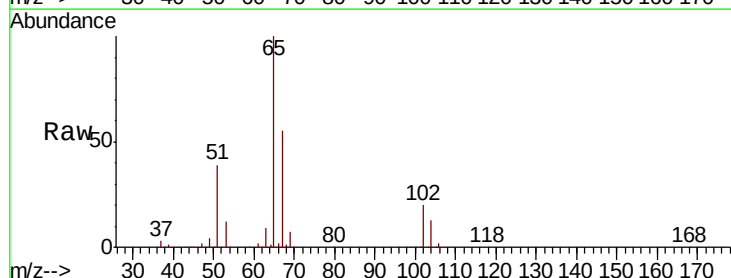
Acq: 29 Sep 2018 01:52

Tgt Ion: 65 Resp: 187763

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

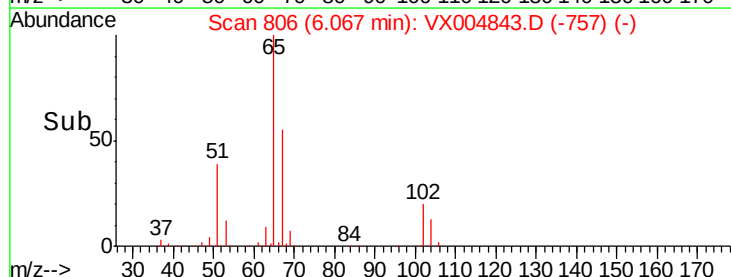
60000

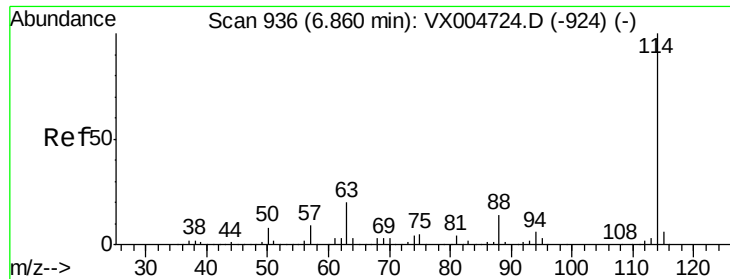
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

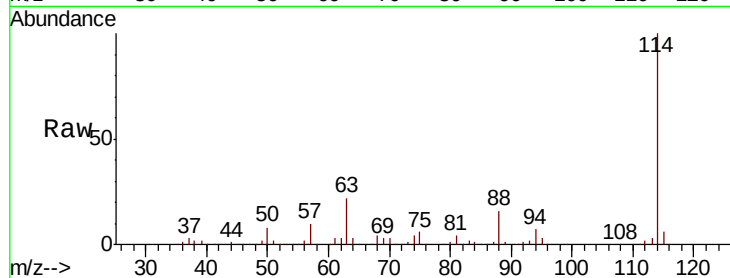




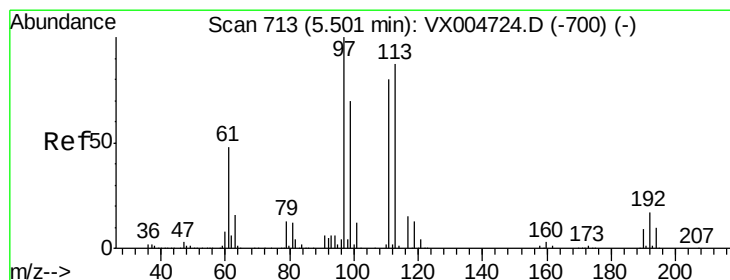
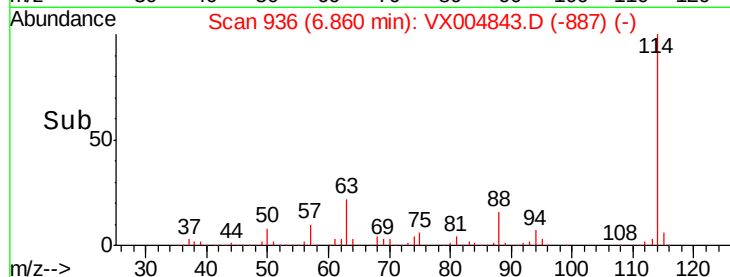
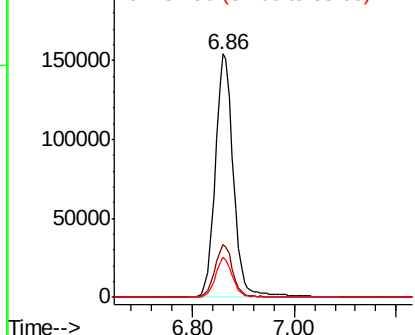
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004843.D
 Acq: 29 Sep 2018 01:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW504-3438

Tot Ion:114 Resp: 383980
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 39.0
 88 16.3 0.0 30.4

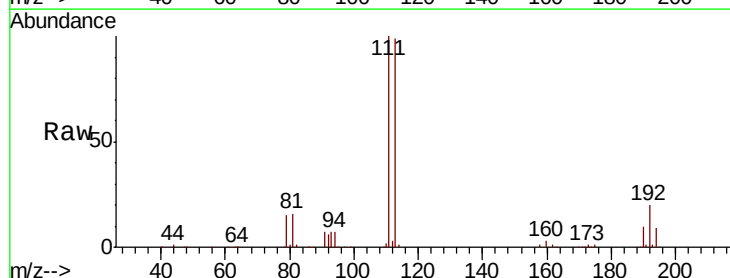


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

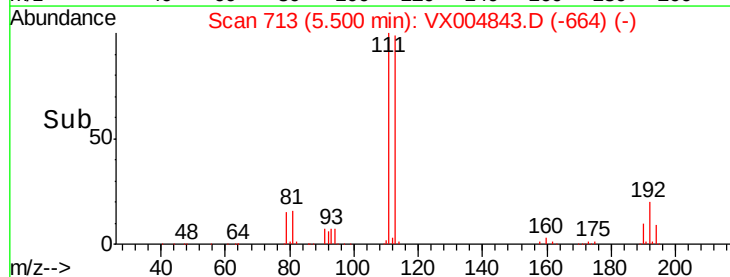
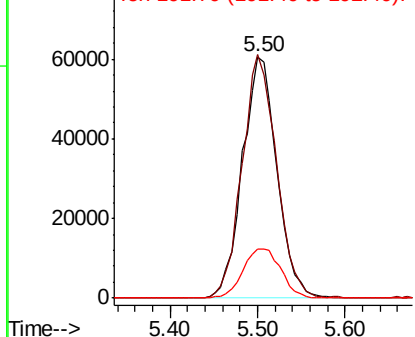


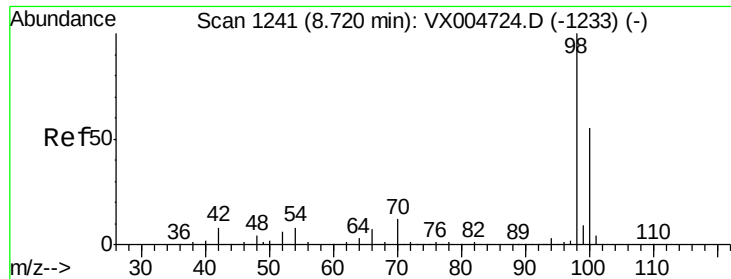
#35
 Dibromofluoromethane
 Concen: 50.945 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004843.D
 Acq: 29 Sep 2018 01:52

Tgt Ion:113 Resp: 165788
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.4 123.6
 192 22.7 19.4 29.2



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

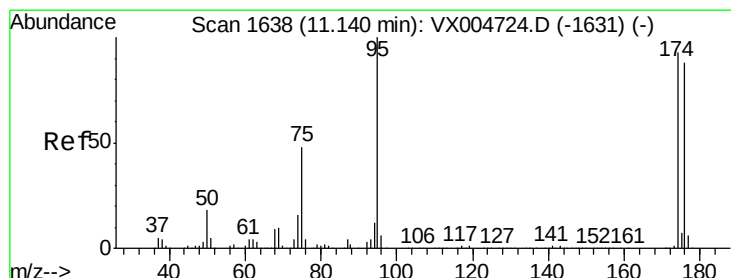
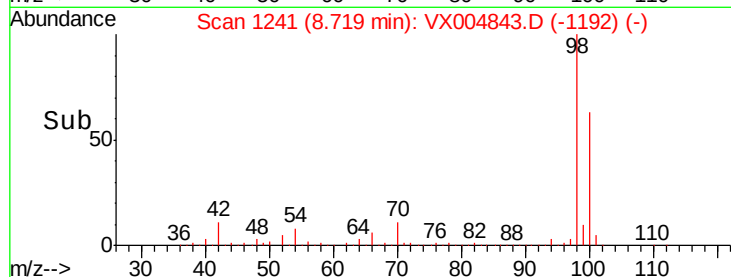
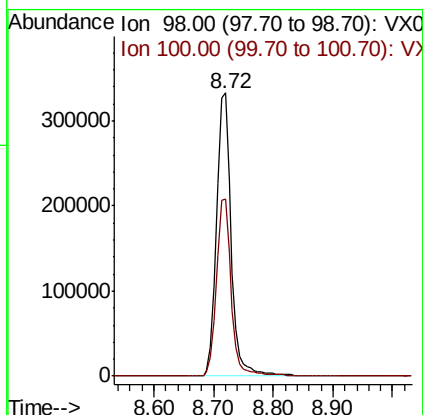
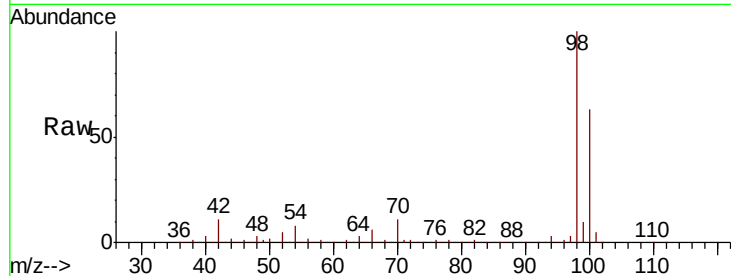




#50
Toluene-d8
Concen: 52.100 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004843.D
Acq: 29 Sep 2018 01:52

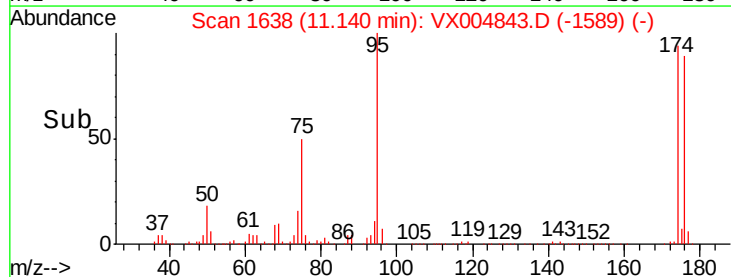
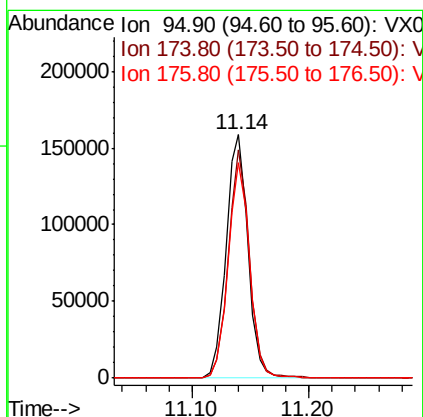
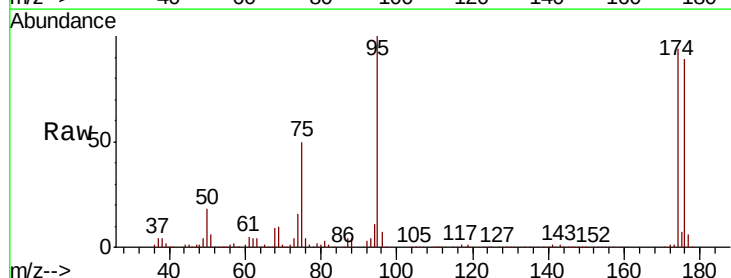
Instrument :
MSVOA_X
ClientSampleId :
SA-TW504-3438

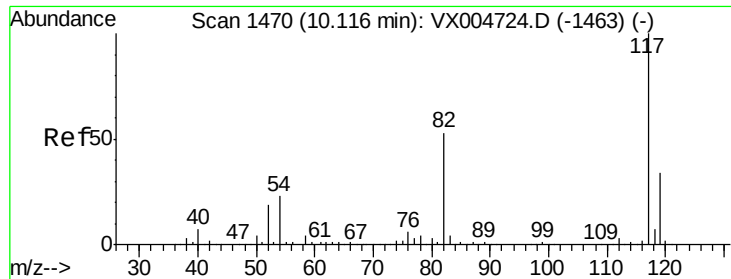
Tot Ion: 98 Resp: 563663
Ion Ratio Lower Upper
98 100
100 63.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.741 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004843.D
Acq: 29 Sep 2018 01:52

Tgt Ion: 95 Resp: 205560
Ion Ratio Lower Upper
95 100
174 91.1 0.0 185.2
176 87.6 0.0 178.6

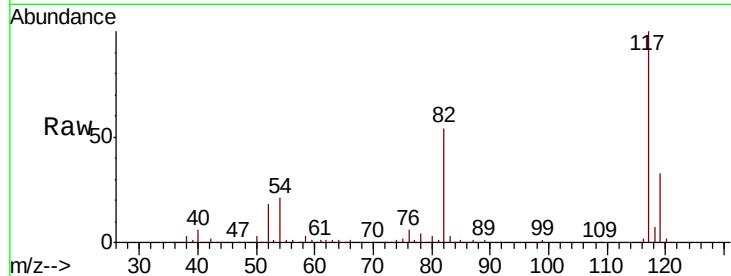




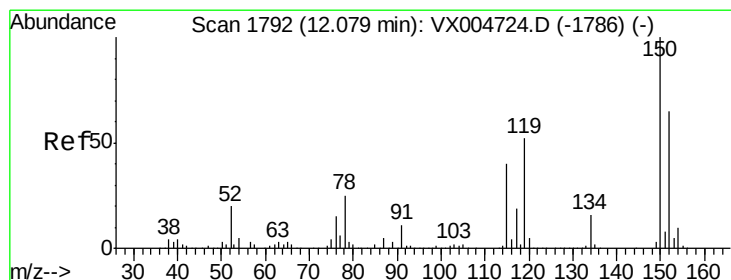
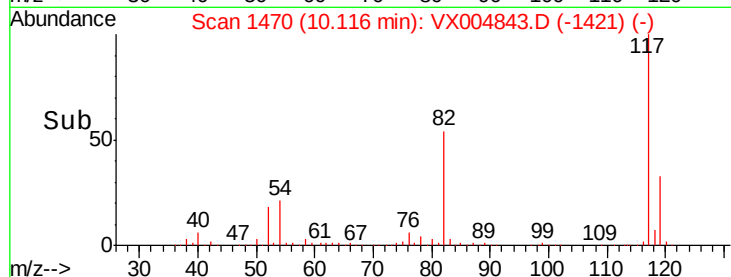
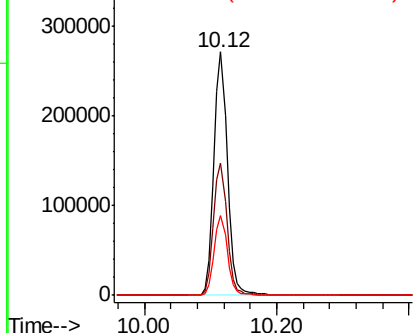
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VX004843.D
 Acq: 29 Sep 2018 01:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW504-3438

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	47.8	71.6
119	32.8	29.3	43.9

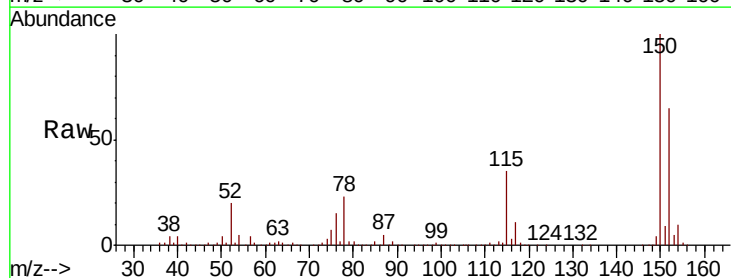


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004843.D
 Acq: 29 Sep 2018 01:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.0	117.0
150	155.7	0.0	351.0



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

