

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004407.D
 Acq On : 07 Sep 2018 15:11
 Operator : JC/MD
 Sample : J4812-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB090618

Quant Time: Sep 10 10:47:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	504844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	453350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269106	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	216530	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	5.50	113	189895	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.71	98	712834	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.14	95	253868	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

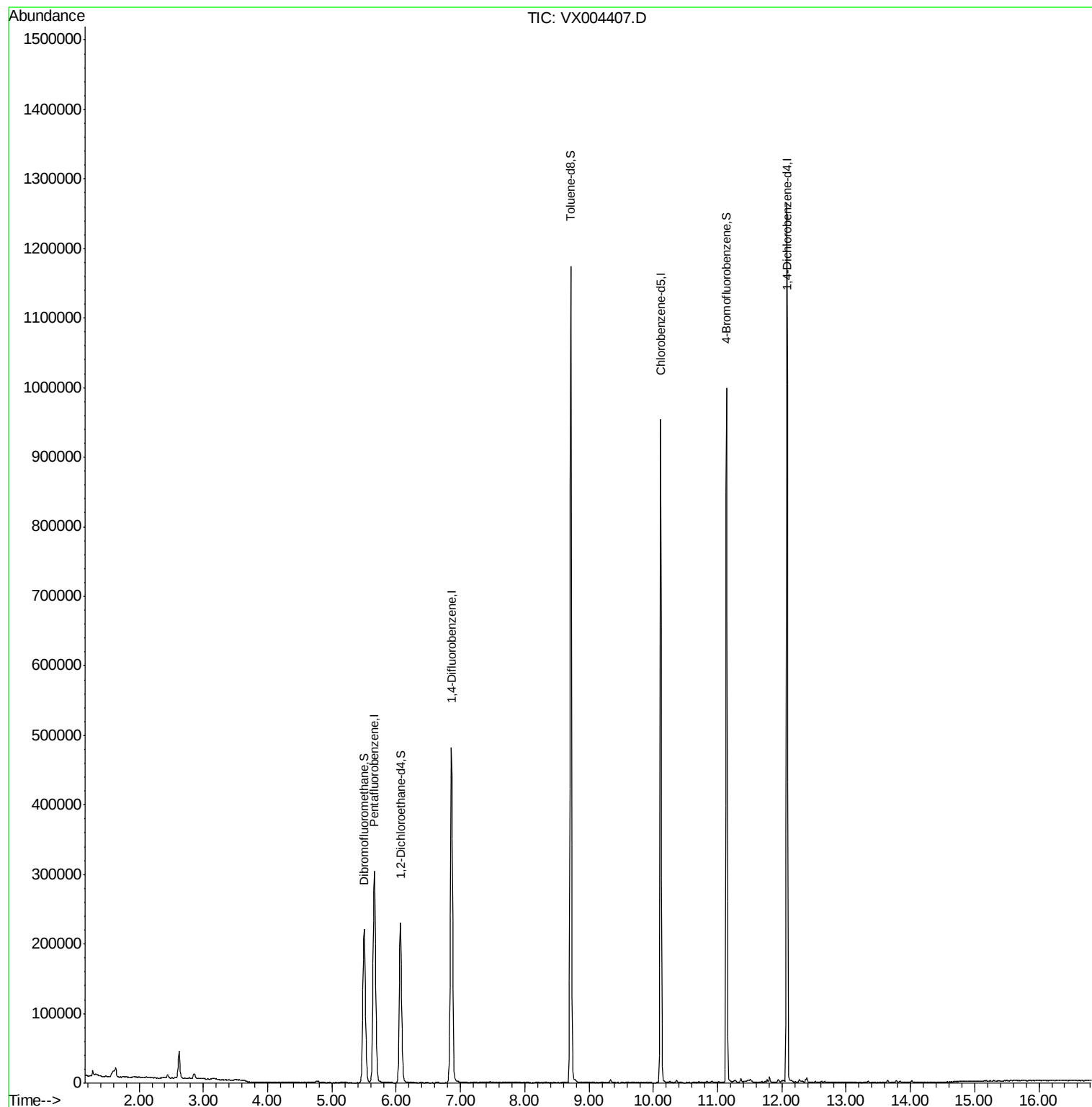
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004407.D

Acq: 07 Sep 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

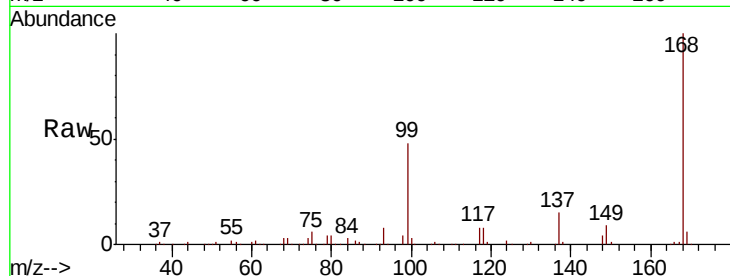
TB090618

Tot Ion:168 Resp: 315399

Ion Ratio Lower Upper

168 100

99 47.5 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

120000

100000

80000

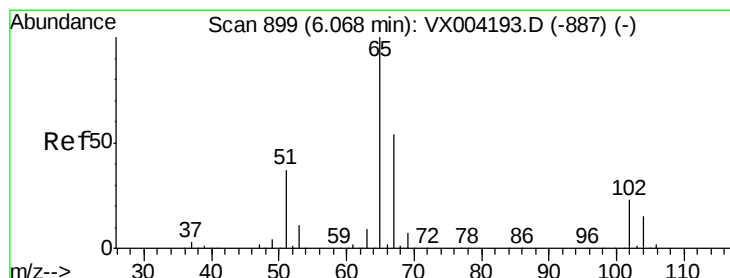
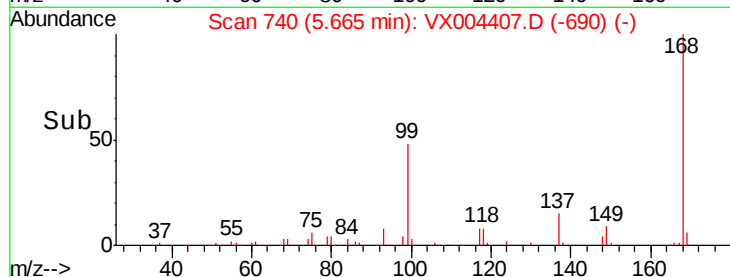
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.67 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004407.D

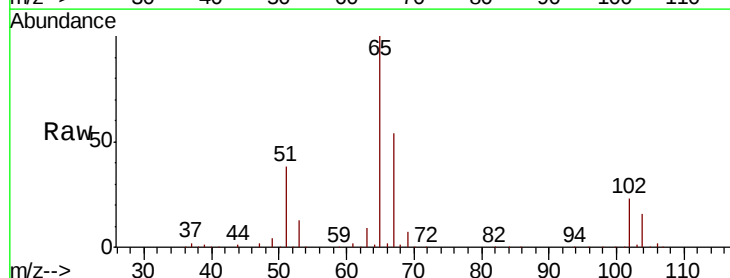
Acq: 07 Sep 2018 15:11

Tgt Ion: 65 Resp: 216530

Ion Ratio Lower Upper

65 100

67 53.7 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

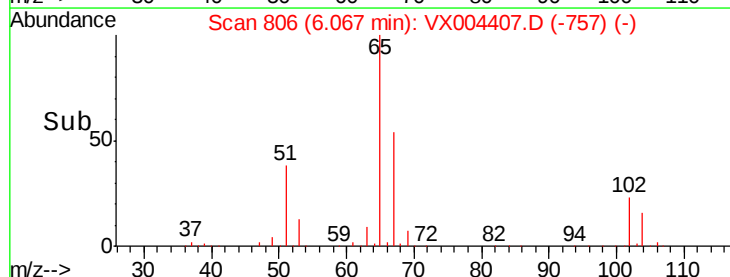
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

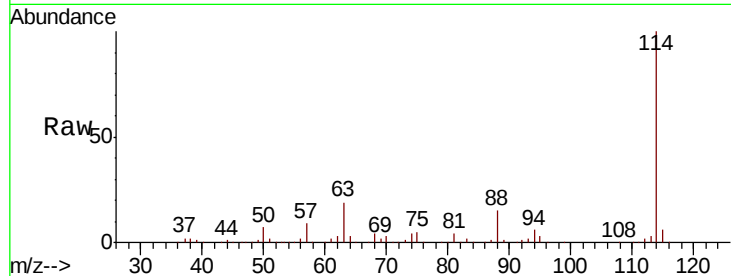




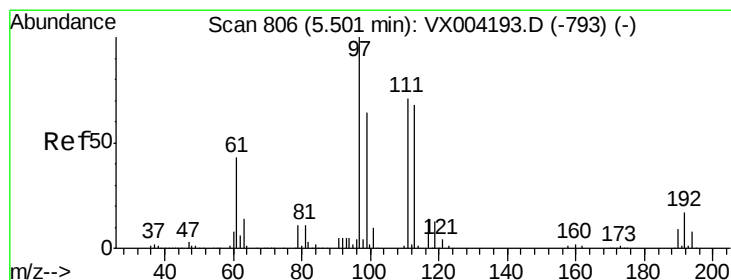
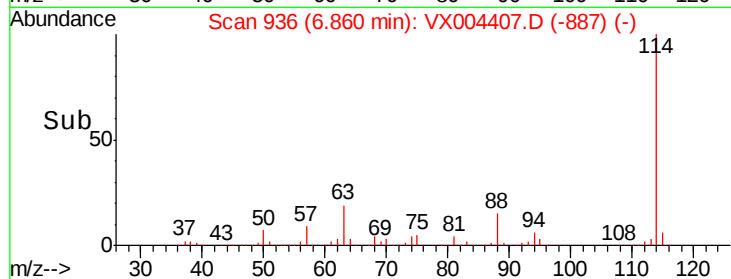
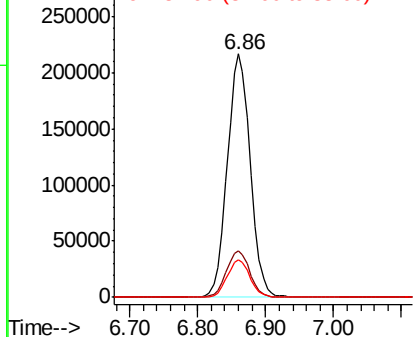
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004407.D
 Acq: 07 Sep 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleID :
 TB090618

Tot Ion:114 Resp: 504844
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.2 0.0 30.4

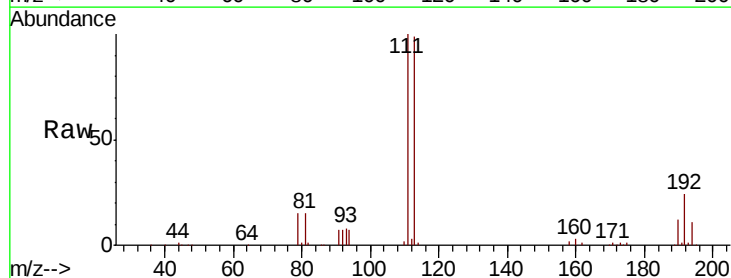


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

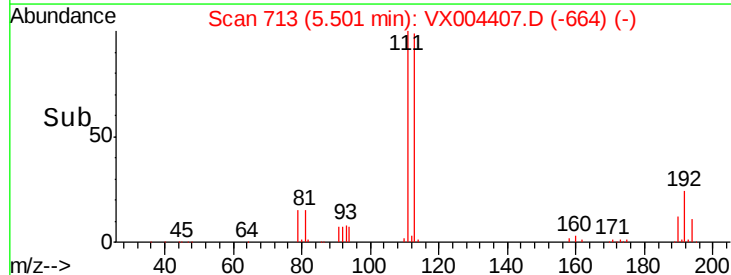
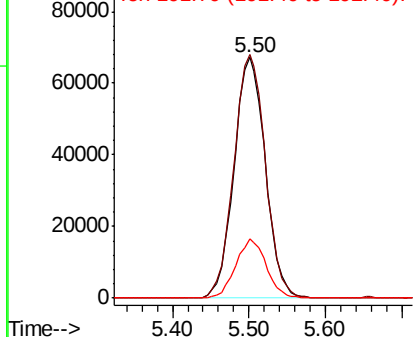


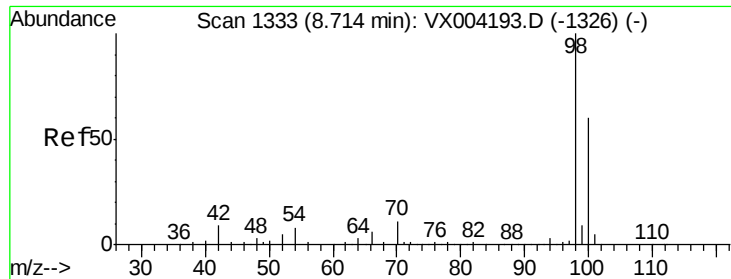
#35
 Dibromofluoromethane
 Concen: 50.56 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004407.D
 Acq: 07 Sep 2018 15:11

Tgt Ion:113 Resp: 189895
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 24.1 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

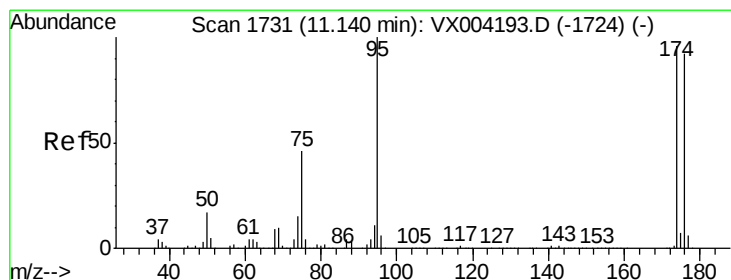
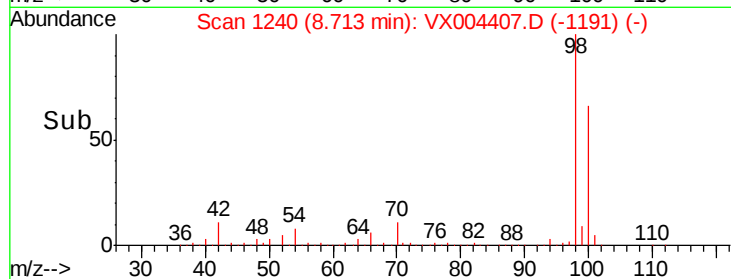
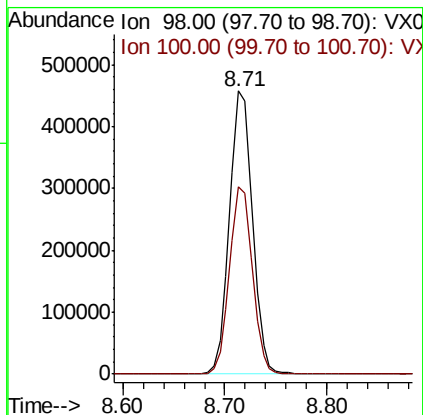
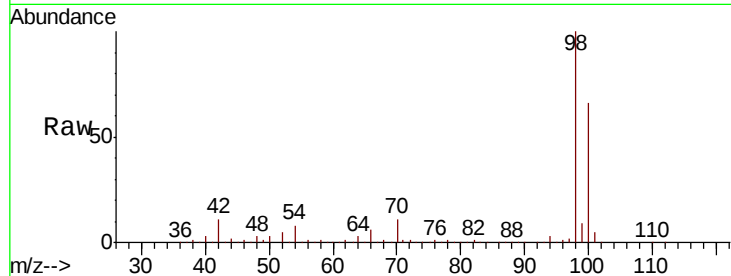




#50
Toluene-d8
Concen: 50.28 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004407.D
Acq: 07 Sep 2018 15:11

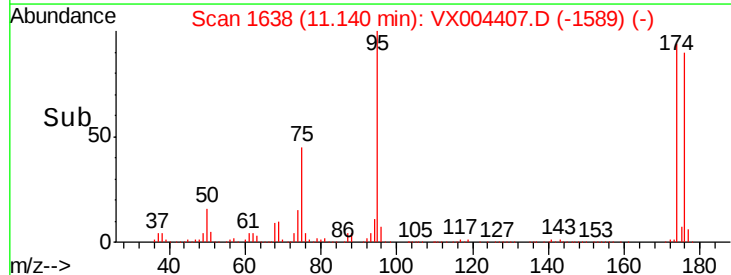
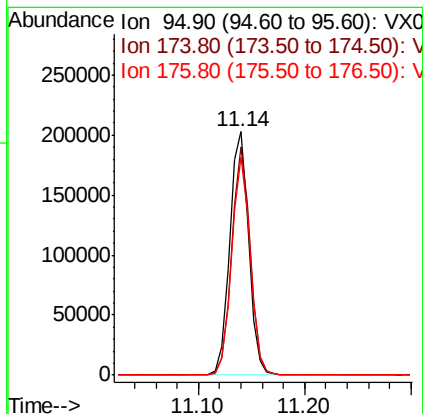
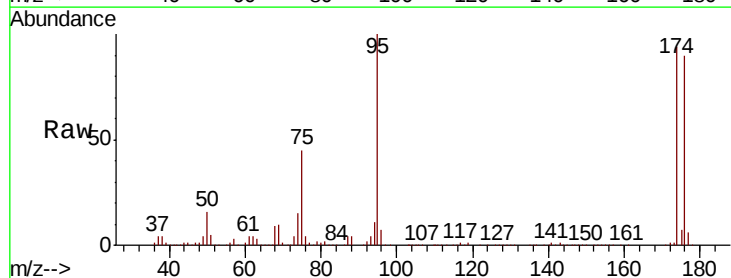
Instrument :
MSVOA_X
ClientSampled :
TB090618

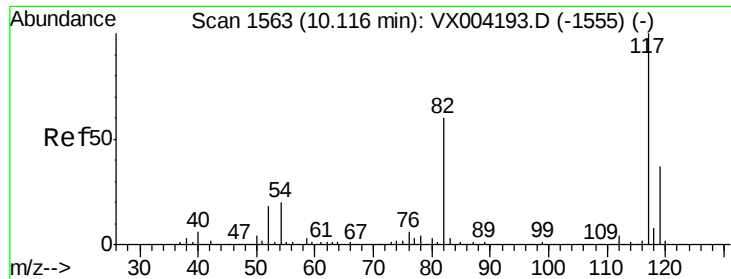
Tot Ion: 98 Resp: 712834
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.99 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004407.D
Acq: 07 Sep 2018 15:11

Tgt Ion: 95 Resp: 253868
Ion Ratio Lower Upper
95 100
174 91.7 0.0 185.2
176 88.0 0.0 178.6

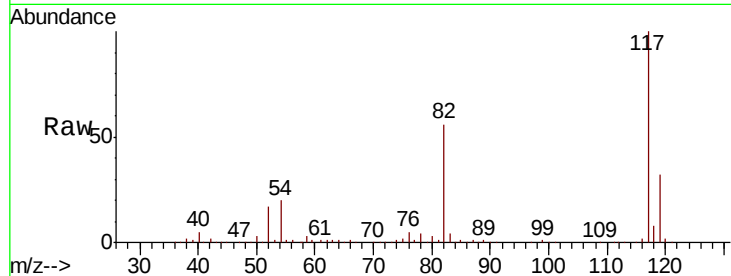




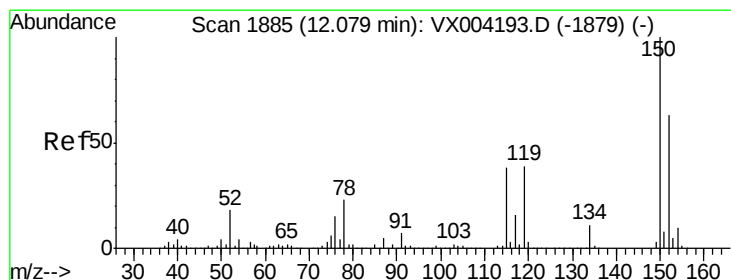
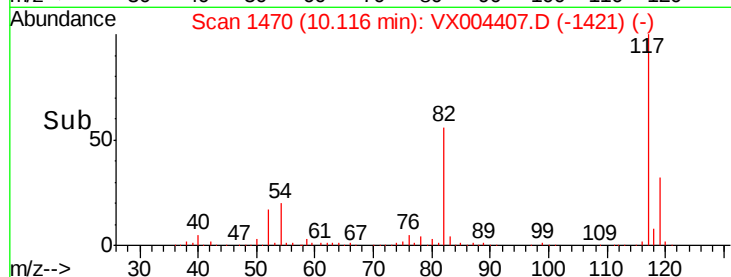
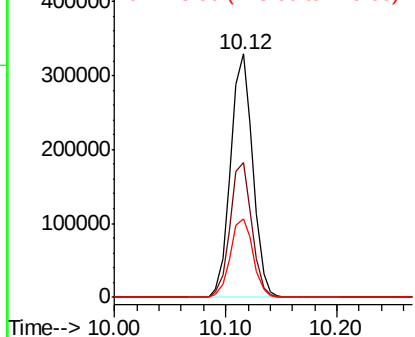
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004407.D
Acq: 07 Sep 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
TB090618

Tot Ion:117 Resp: 453350
Ion Ratio Lower Upper
117 100
82 55.6 47.8 71.6
119 32.1 29.3 43.9

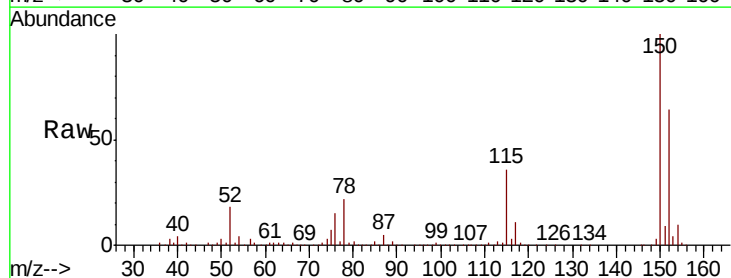


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004407.D
Acq: 07 Sep 2018 15:11

Tgt Ion:152 Resp: 269106
Ion Ratio Lower Upper
152 100
115 54.9 39.0 117.0
150 155.9 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

