

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004805.D
 Acq On : 28 Sep 2018 05:57
 Operator : JC/MD
 Sample : J5033-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MH-SW4001-20180918

Quant Time: Sep 28 09:57:04 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	5.66	168	231396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207397	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	184375	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
35) Dibromofluoromethane	5.51	113	156170	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.72	98	548335	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	196794	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

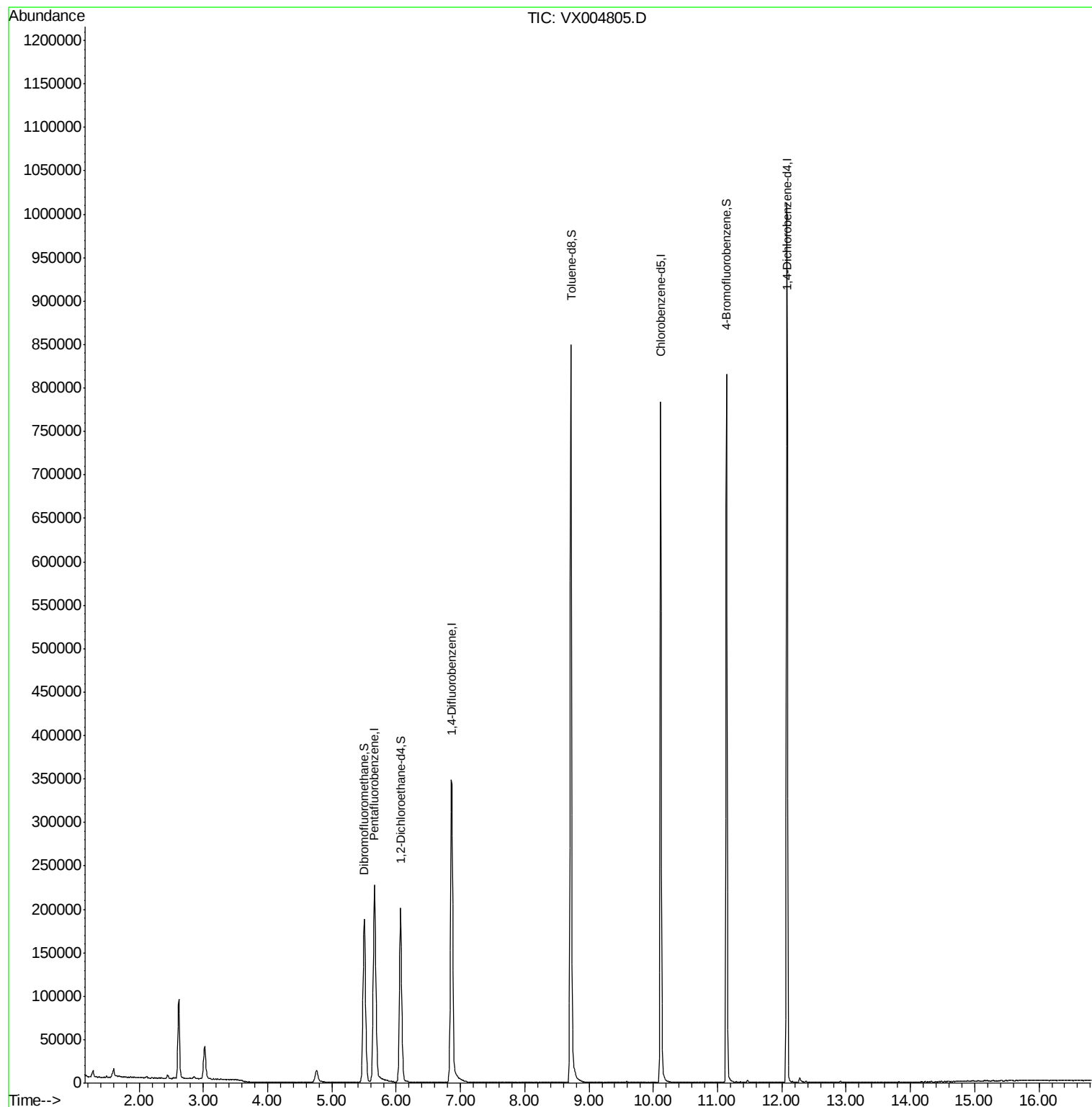
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004805.D

Acq: 28 Sep 2018 05:57

Instrument :

MSVOA_X

ClientSampleId :

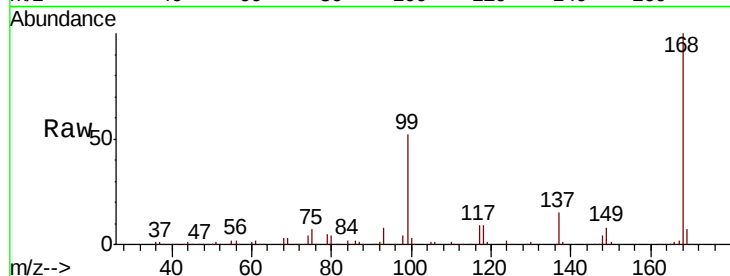
BP-MH-SW4001-20180918

Tot Ion:168 Resp: 231396

Ion Ratio Lower Upper

168 100

99 52.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

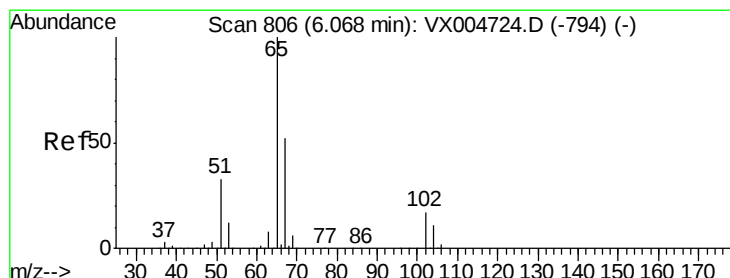
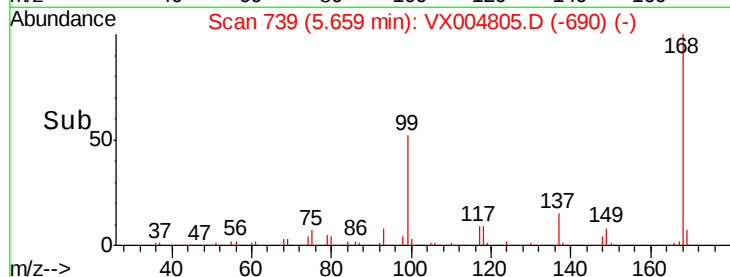
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.778 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004805.D

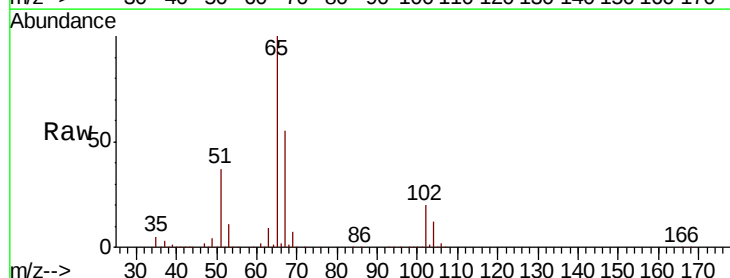
Acq: 28 Sep 2018 05:57

Tgt Ion: 65 Resp: 184375

Ion Ratio Lower Upper

65 100

67 53.3 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

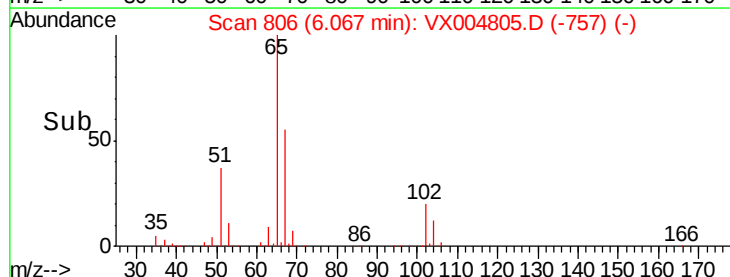
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004805.D

Acq: 28 Sep 2018 05:57

Instrument :

MSVOA_X

ClientSampleId :

BP-MH-SW4001-20180918

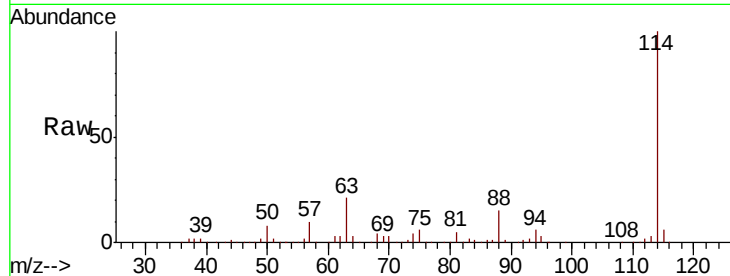
Tot Ion:114 Resp: 376135

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.0

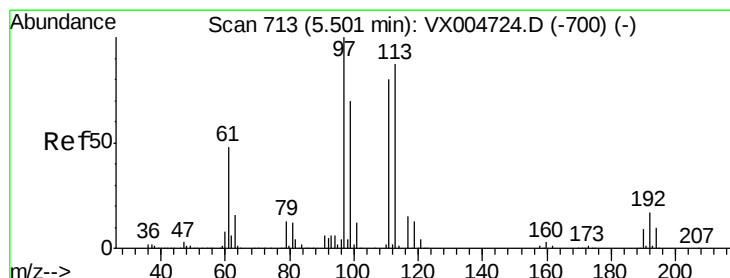
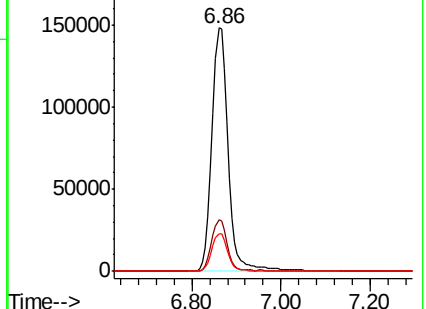
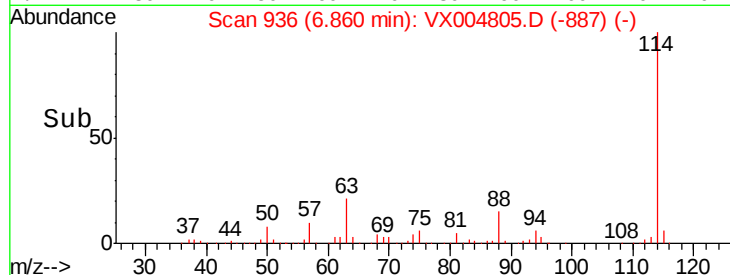
88 15.3 0.0 30.4



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: 48.990 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004805.D

Acq: 28 Sep 2018 05:57

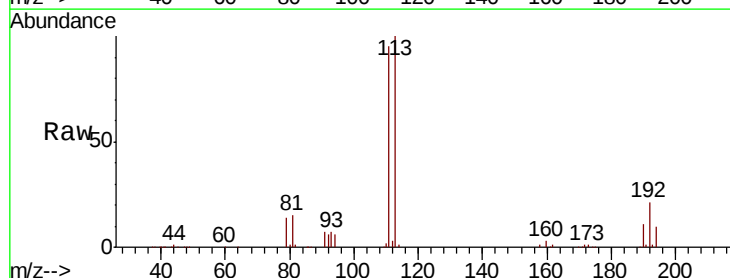
Tgt Ion:113 Resp: 156170

Ion Ratio Lower Upper

113 100

111 105.2 82.4 123.6

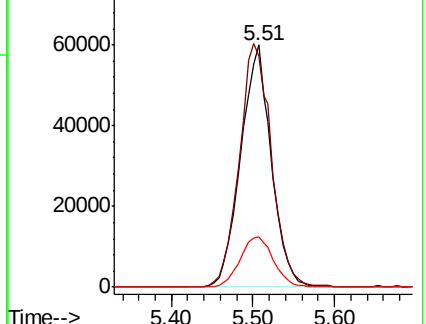
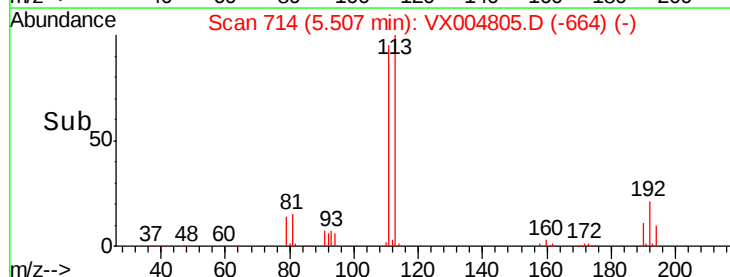
192 22.8 19.4 29.2

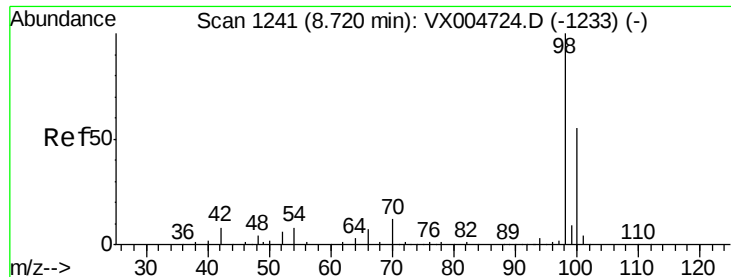


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

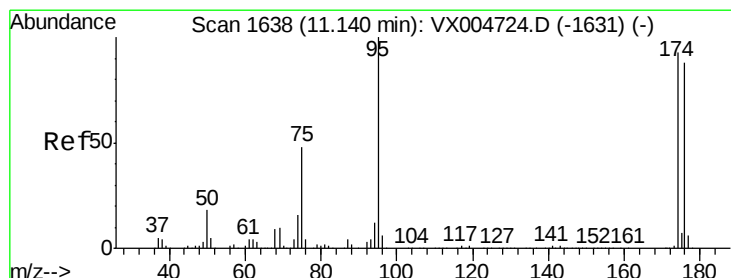
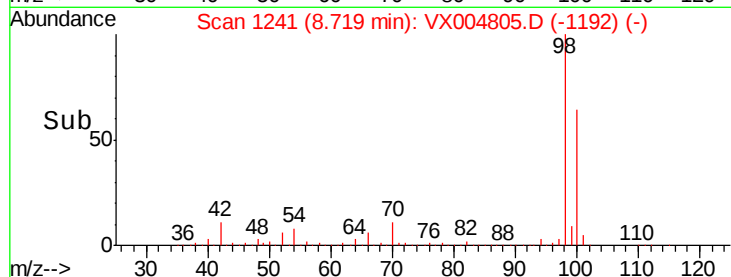
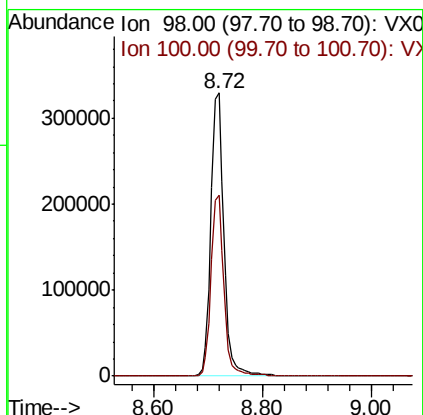
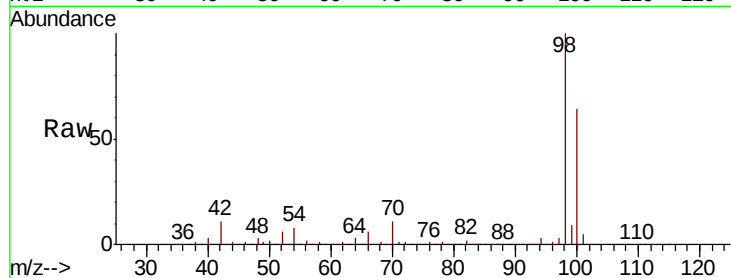




#50
Toluene-d8
Concen: 51.740 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004805.D
Acq: 28 Sep 2018 05:57

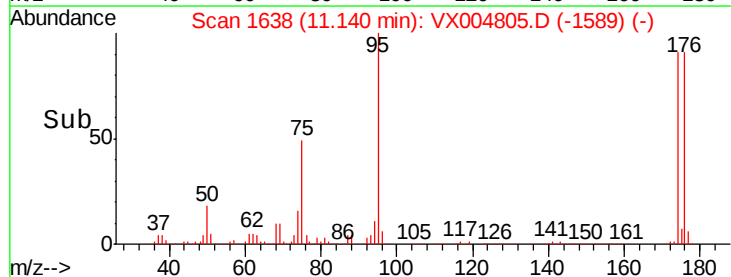
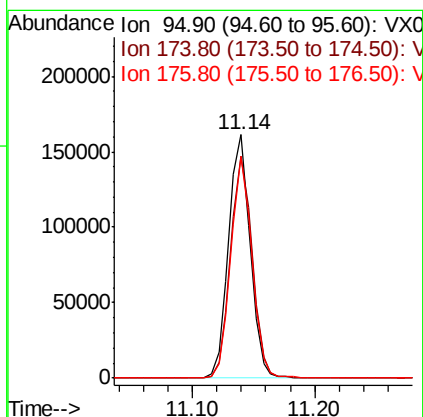
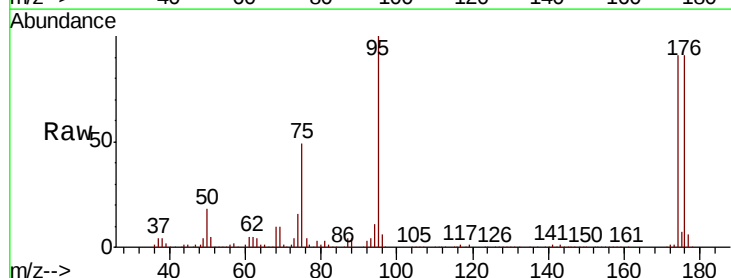
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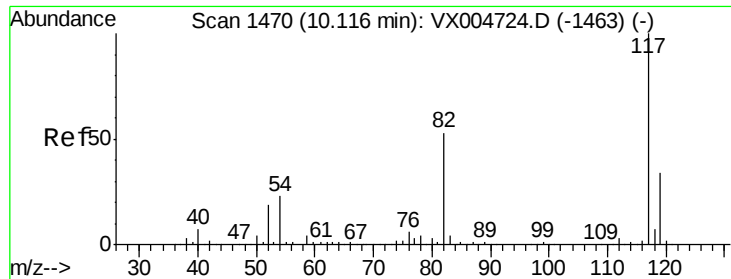
Tot Ion: 98 Resp: 548335
Ion Ratio Lower Upper
98 100
100 63.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.545 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004805.D
Acq: 28 Sep 2018 05:57

Tgt Ion: 95 Resp: 196794
Ion Ratio Lower Upper
95 100
174 92.2 0.0 185.2
176 88.9 0.0 178.6

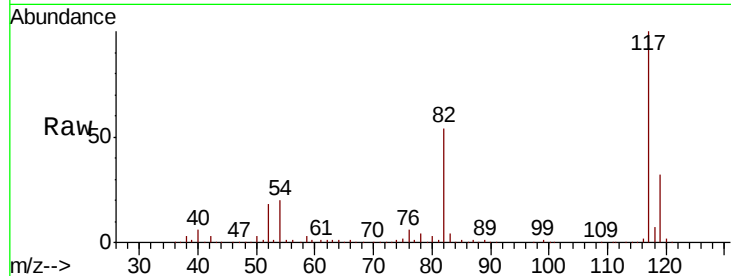




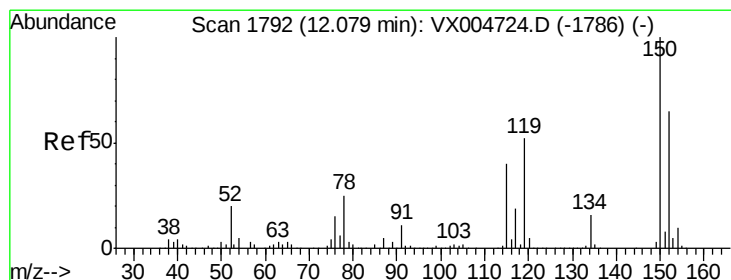
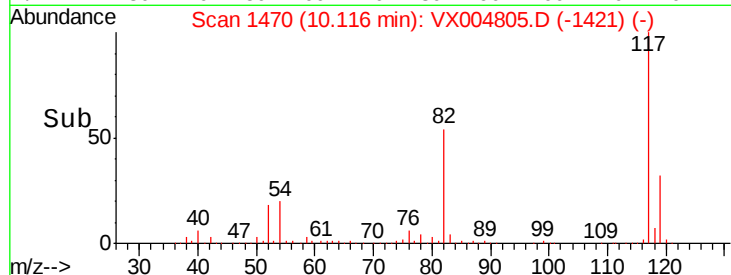
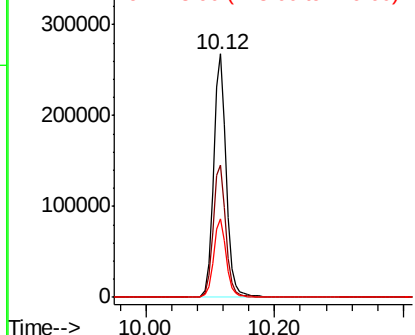
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004805.D
Acq: 28 Sep 2018 05:57

Instrument :
MSVOA_X
ClientSampleId :
BP-MH-SW4001-20180918

Tot Ion:117 Resp: 369823
Ion Ratio Lower Upper
117 100
82 54.2 47.8 71.6
119 32.1 29.3 43.9

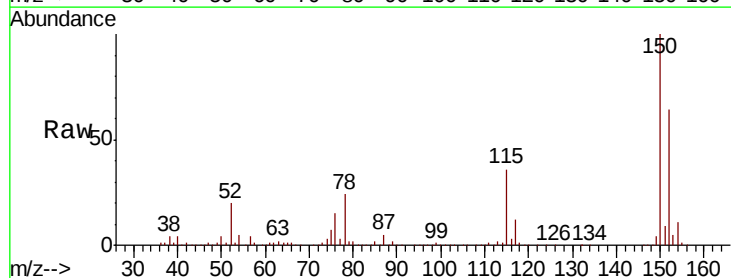


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004805.D
Acq: 28 Sep 2018 05:57

Tgt Ion:152 Resp: 207397
Ion Ratio Lower Upper
152 100
115 55.5 39.0 117.0
150 155.3 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

