

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008801.D
 Acq On : 10 Apr 2019 13:36
 Operator : JC/SP
 Sample : K2349-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB05-190408

Quant Time: Apr 11 07:38:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	201693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114698	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	133130	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
35) Dibromofluoromethane	5.50	113	97886	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	8.71	98	406411	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	133422	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	

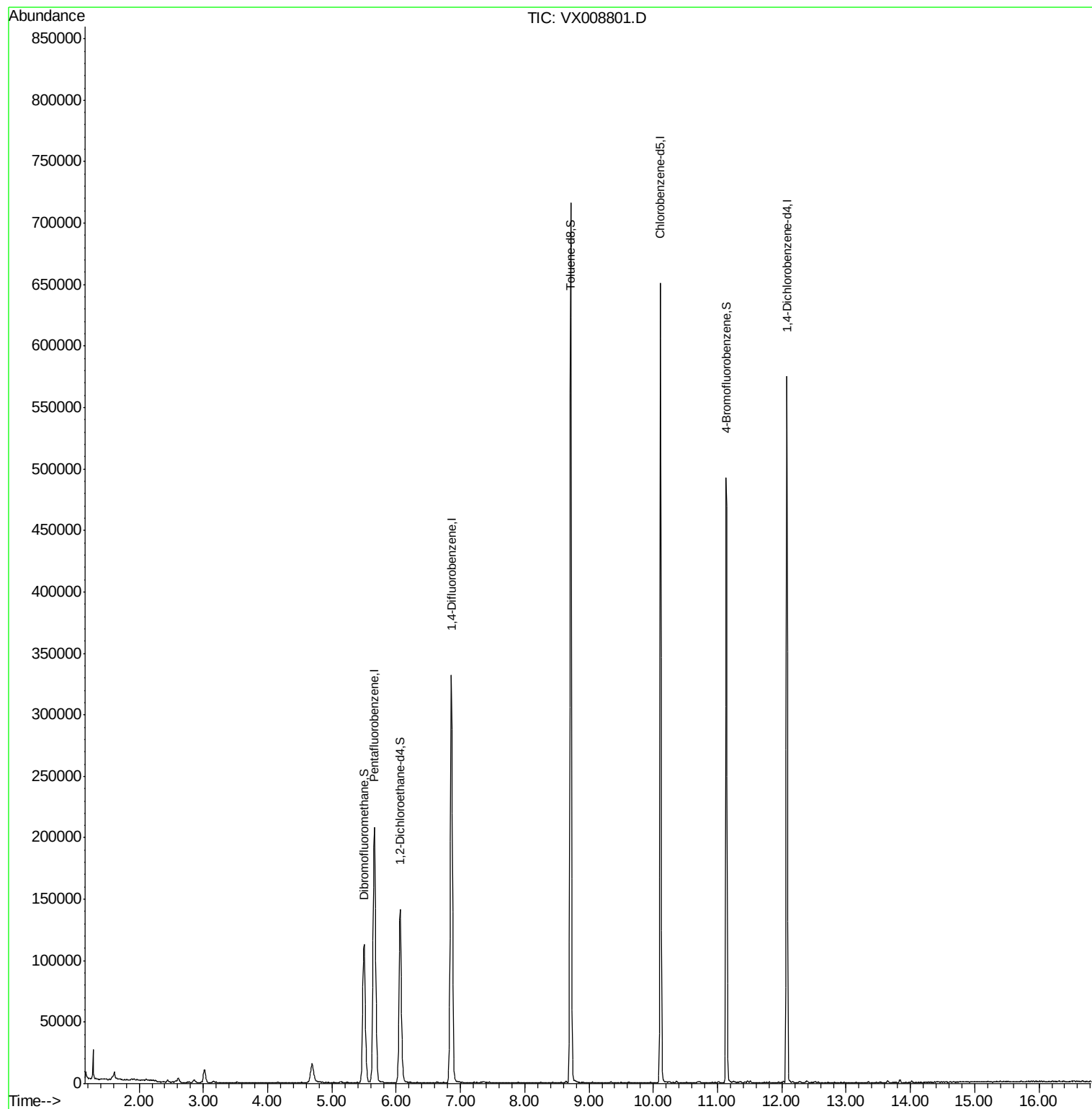
Target Compounds	Qvalue

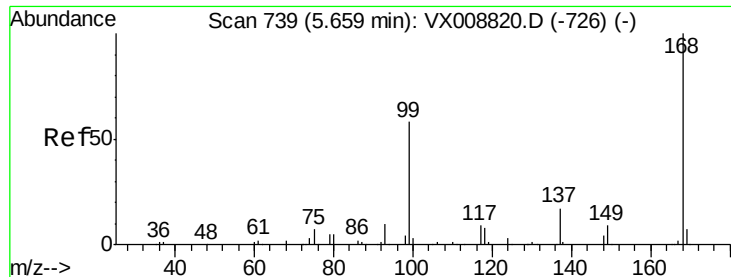
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008801.D

Acq: 10 Apr 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

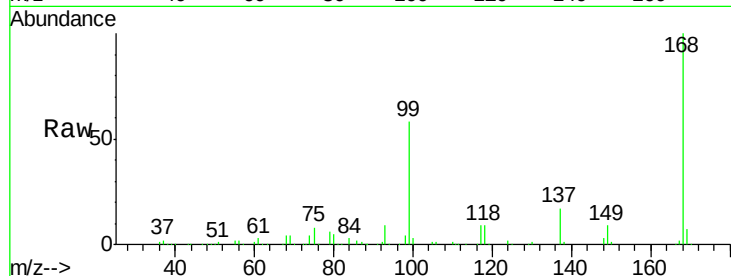
Z3-TB05-190408

Tot Ion:168 Resp: 201693

Ion Ratio Lower Upper

168 100

99 57.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

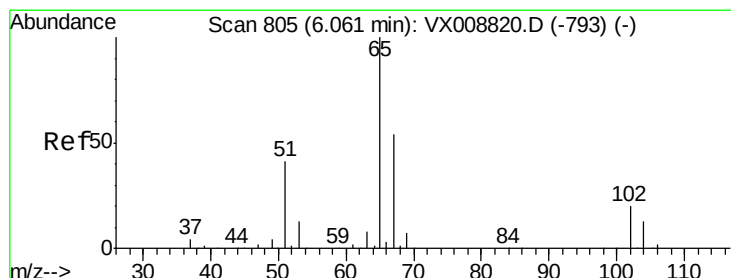
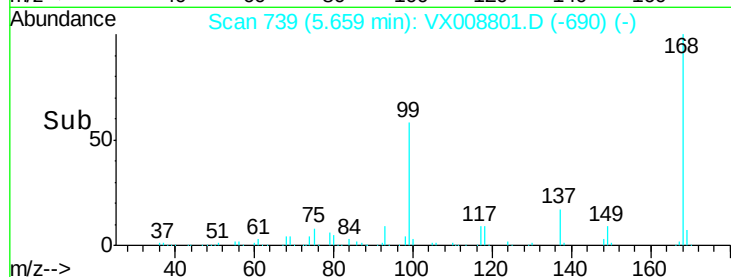
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.254 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008801.D

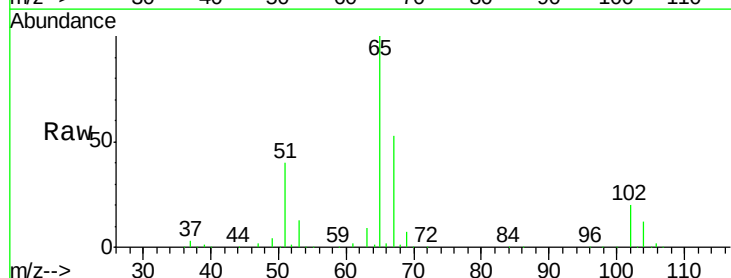
Acq: 10 Apr 2019 13:36

Tgt Ion: 65 Resp: 133130

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

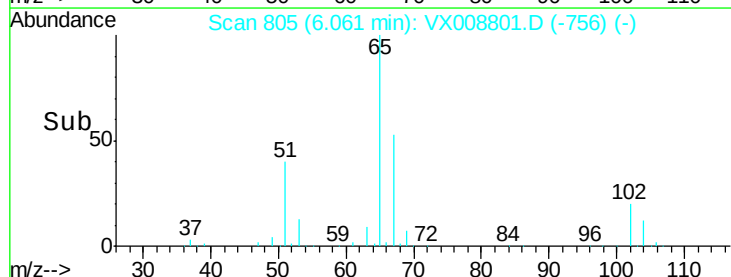
30000

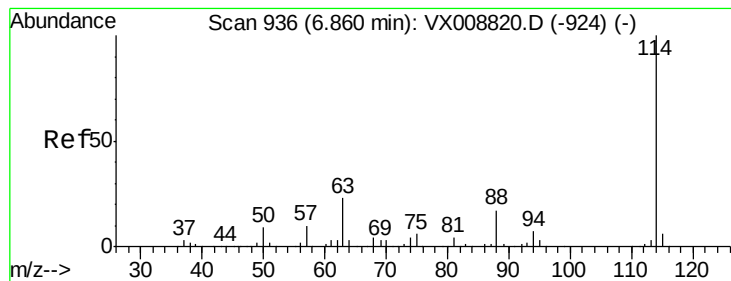
20000

10000

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: VX008801.D

Acq: 10 Apr 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB05-190408

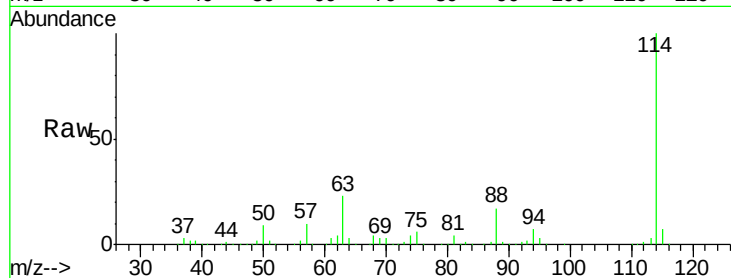
Tot Ion:114 Resp: 327775

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.2

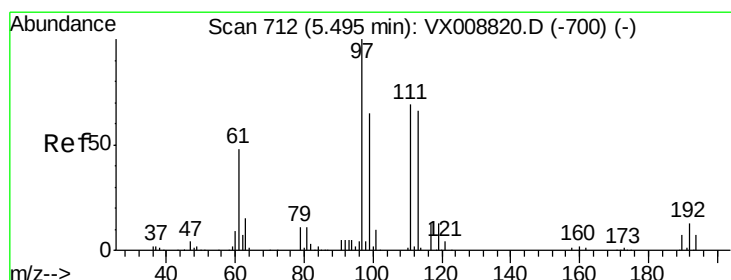
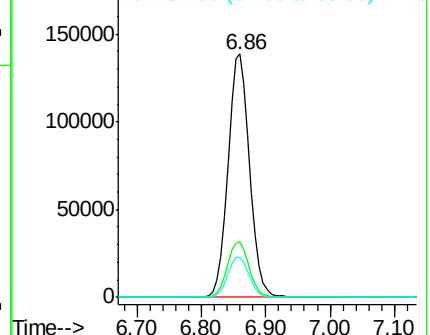
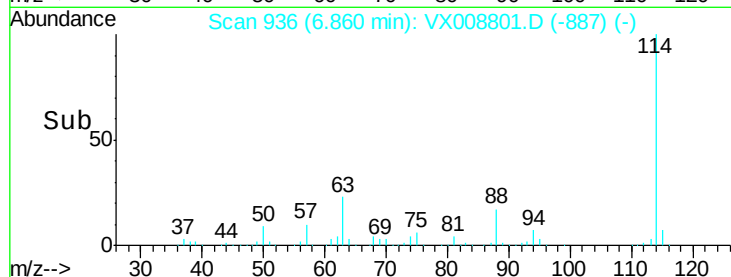
88 16.7 0.0 34.0



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: 46.709 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008801.D

Acq: 10 Apr 2019 13:36

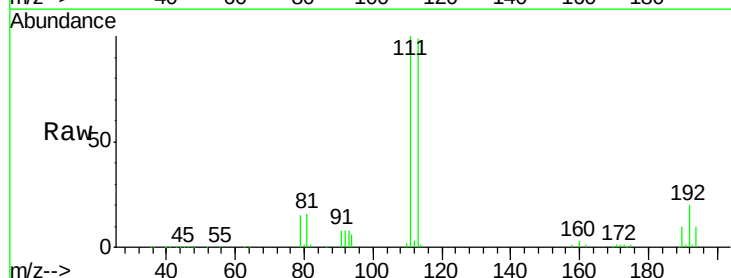
Tgt Ion:113 Resp: 97886

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

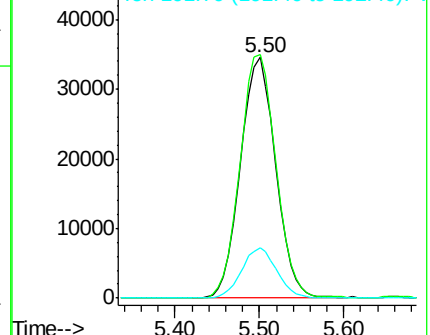
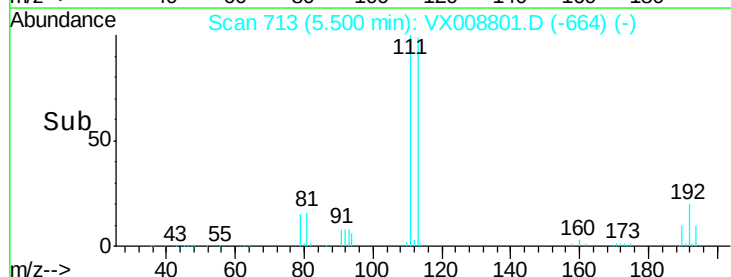
192 20.8 16.1 24.1

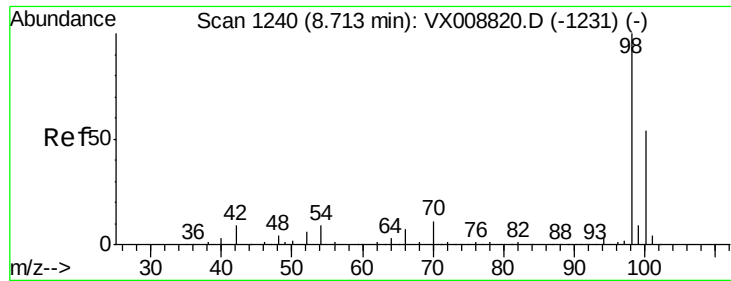


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

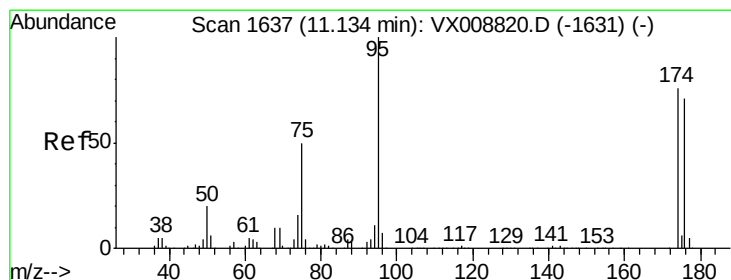
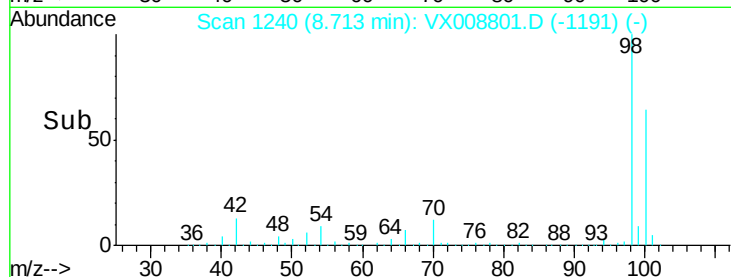
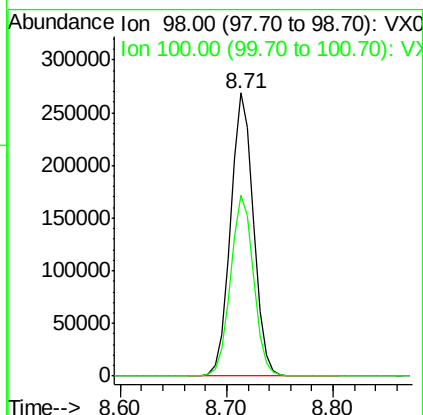
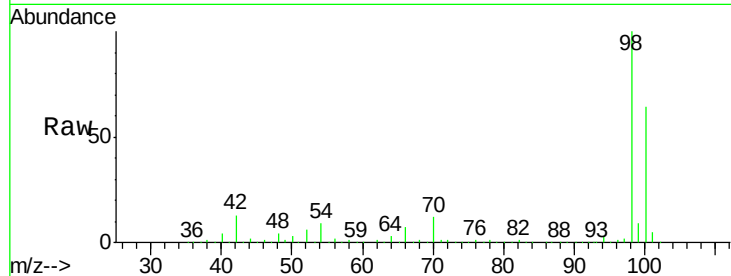




#50
Toluene-d8
Concen: 48.705 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008801.D
Acq: 10 Apr 2019 13:36

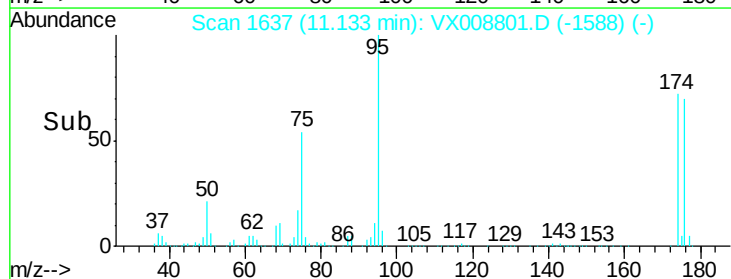
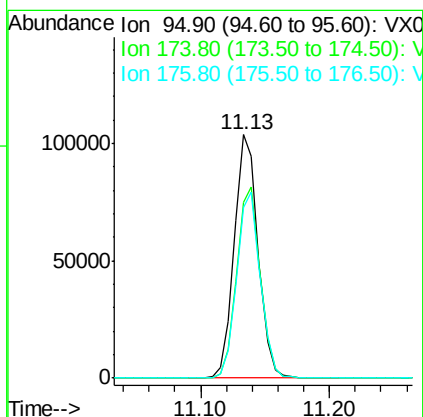
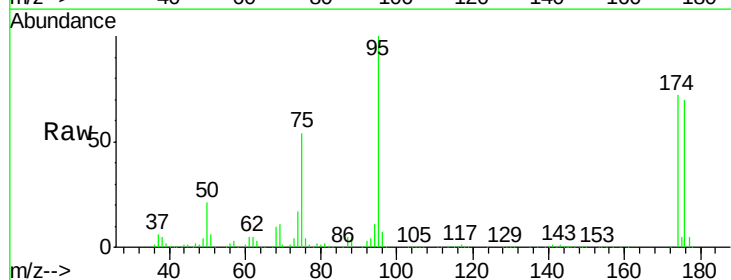
Instrument :
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Z3-TB05-190408

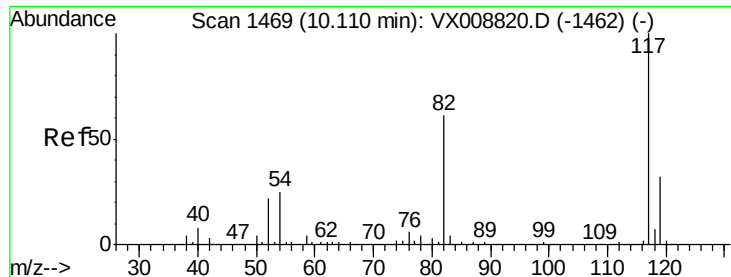
Tot Ion: 98 Resp: 406411
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.089 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008801.D
Acq: 10 Apr 2019 13:36

Tgt Ion: 95 Resp: 133422
Ion Ratio Lower Upper
95 100
174 78.0 0.0 151.8
176 75.8 0.0 145.8

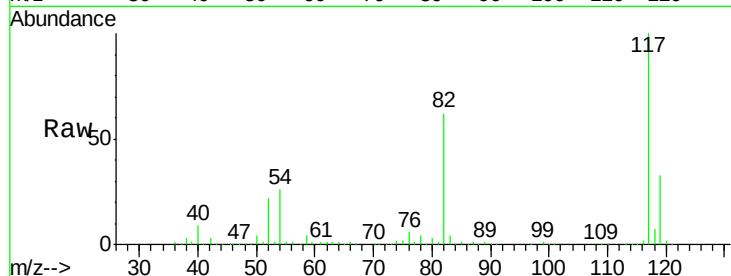




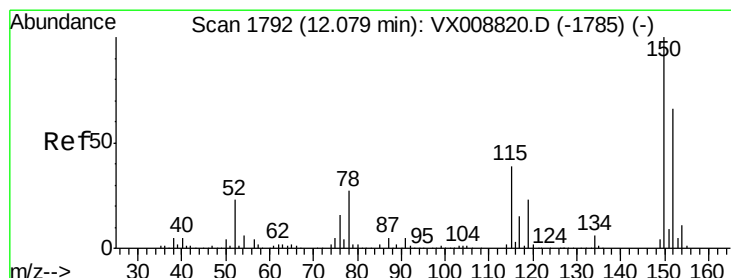
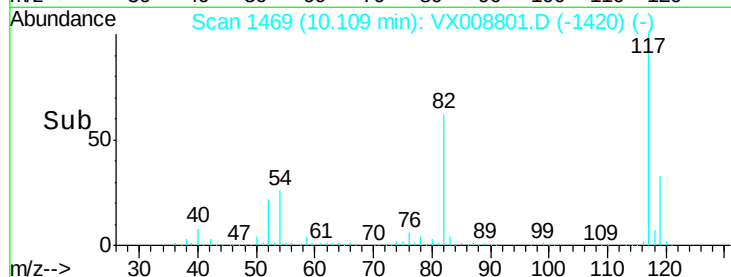
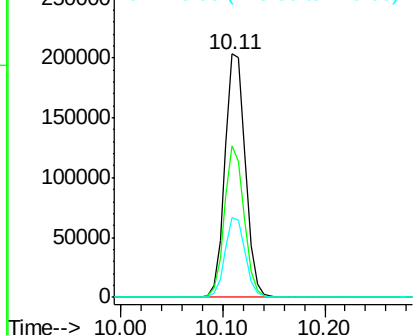
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008801.D
Acq: 10 Apr 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
Z3-TB05-190408

Tot Ion:117 Resp: 281488
Ion Ratio Lower Upper
117 100
82 62.1 49.6 74.4
119 32.6 25.0 37.4

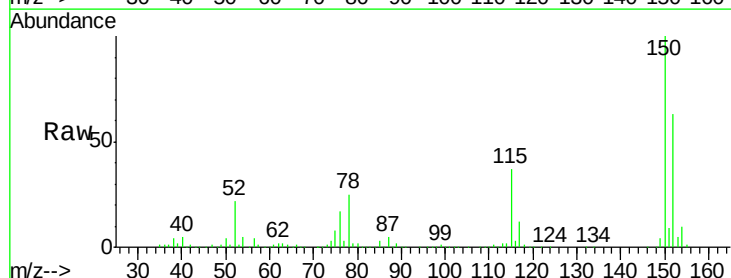


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008801.D
Acq: 10 Apr 2019 13:36

Tgt Ion:152 Resp: 114698
Ion Ratio Lower Upper
152 100
115 59.8 43.5 130.5
150 158.2 0.0 348.8



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

