

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
 Data File : VX009237.D
 Acq On : 30 Apr 2019 11:47
 Operator : JC/SP
 Sample : K2594-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW174-190423

Quant Time: May 01 01:45:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121357	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	137418	48.07	ug/l	0.00
Spiked Amount						
			Recovery	=	96.14%	
35) Dibromofluoromethane	5.50	113	102222	48.48	ug/l	0.00
Spiked Amount						
			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	418375	49.15	ug/l	0.00
Spiked Amount						
			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	138929	44.92	ug/l	0.00
Spiked Amount						
			Recovery	=	89.84%	

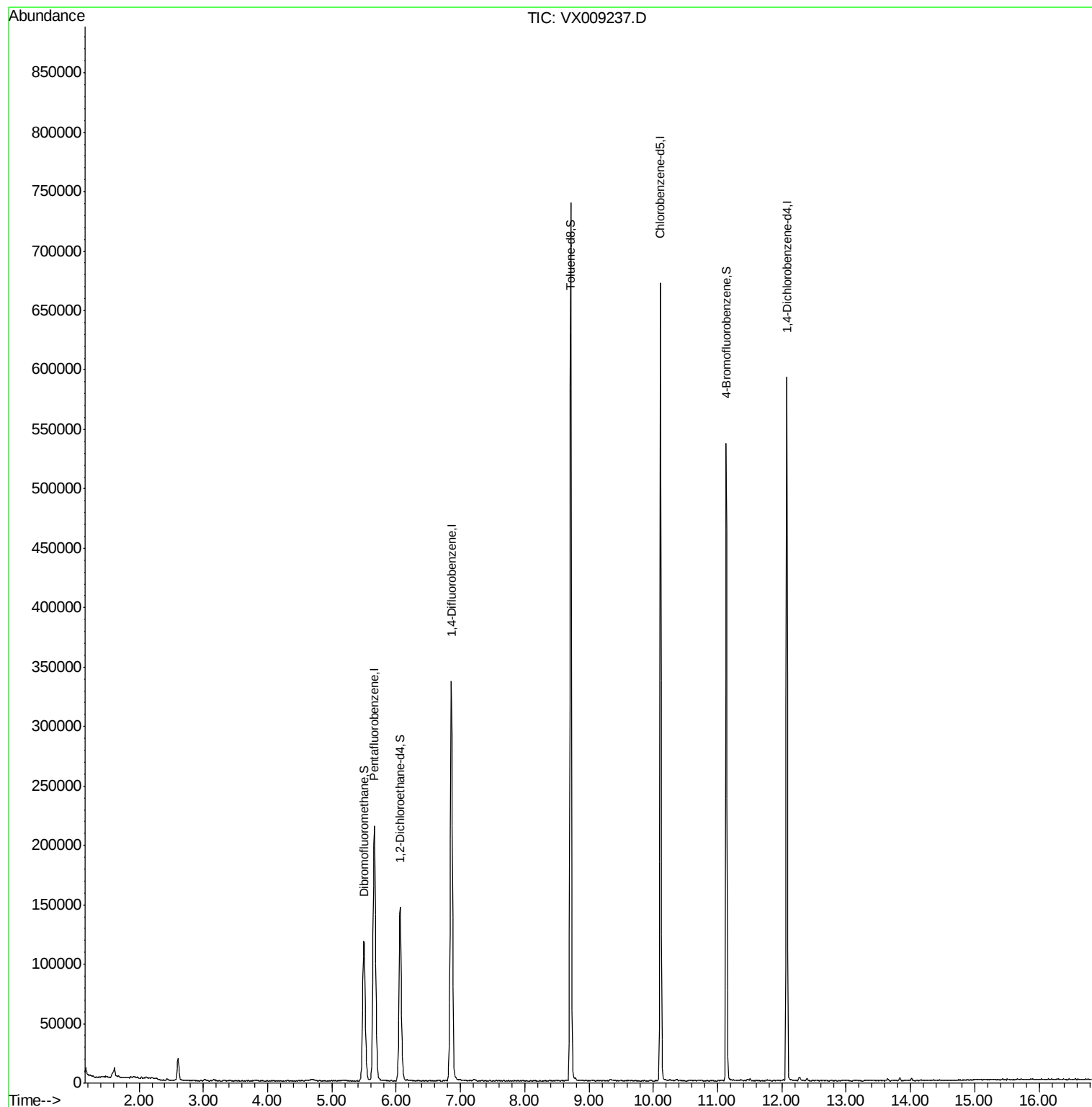
Target Compounds	Qvalue

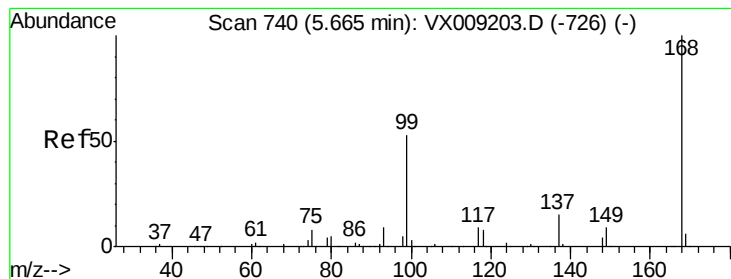
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009237.D

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Instrument :

MSVOA_X

ClientSampleId :

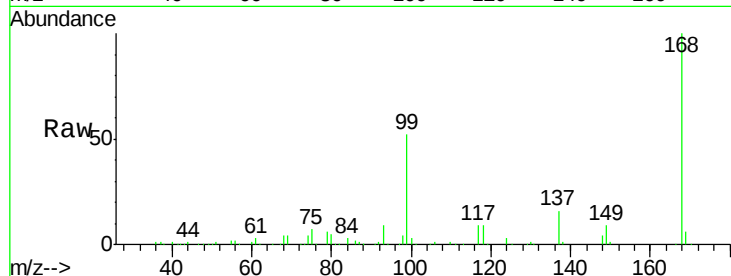
WP021MW174-190423

Tot Ion:168 Resp: 209422

Ion Ratio Lower Upper

168 100

99 51.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

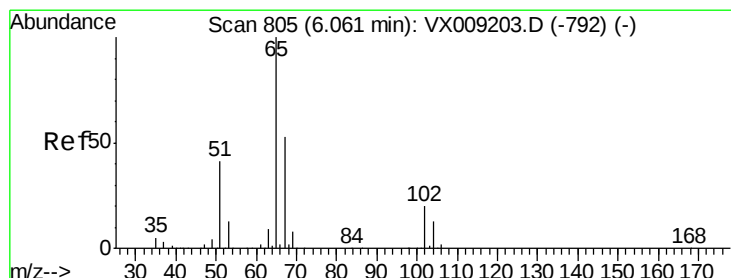
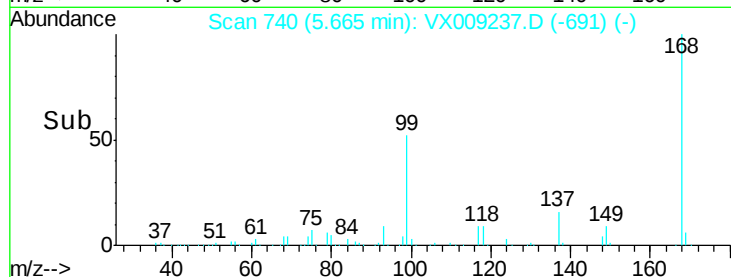
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.067 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009237.D

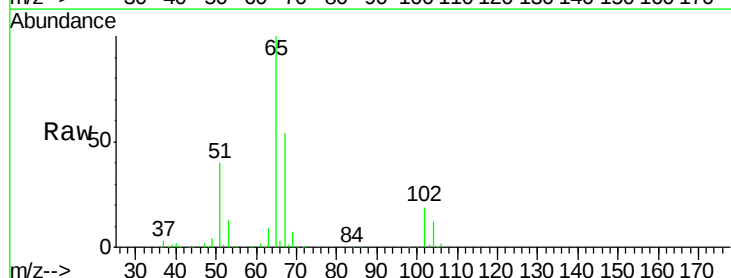
Acq: 30 Apr 2019 11:47

Tgt Ion: 65 Resp: 137418

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

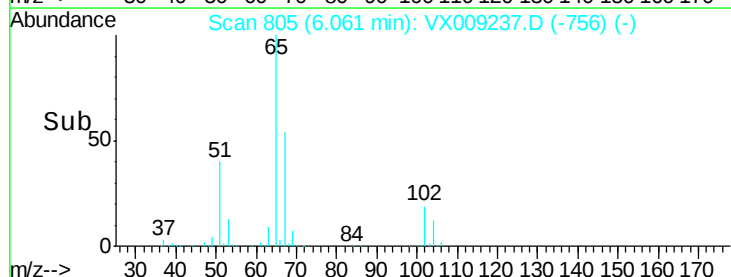
30000

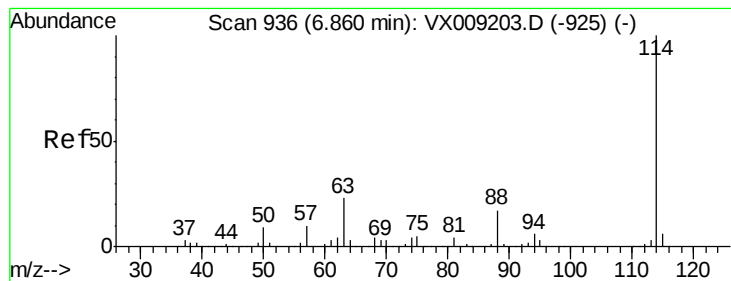
20000

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: VX009237.D

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Instrument :

MSVOA_X

ClientSampleId :

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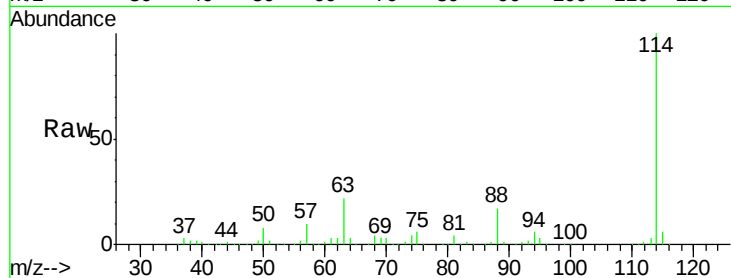
Tot Ion:114 Resp: 335408

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

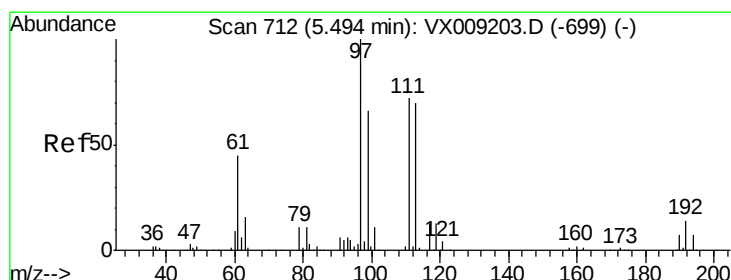
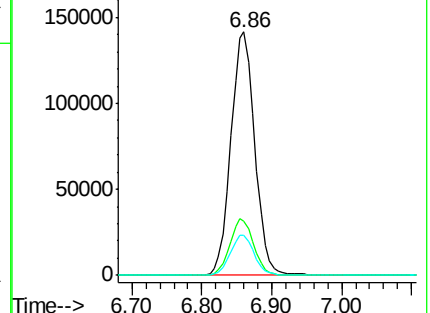
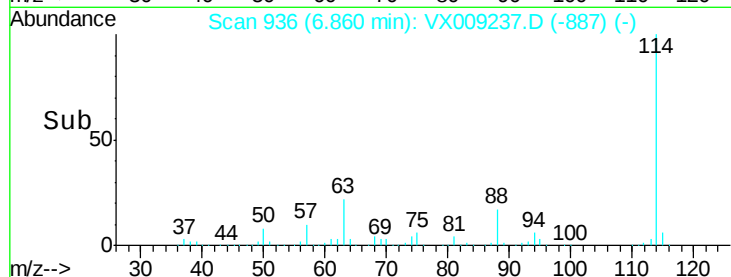
88 16.7 0.0 33.2



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: 48.481 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009237.D

Acq: 30 Apr 2019 11:47

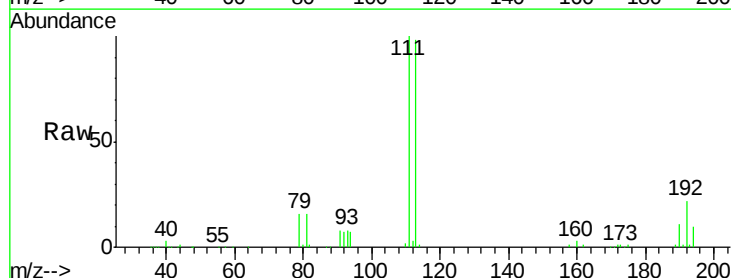
Tgt Ion:113 Resp: 102222

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

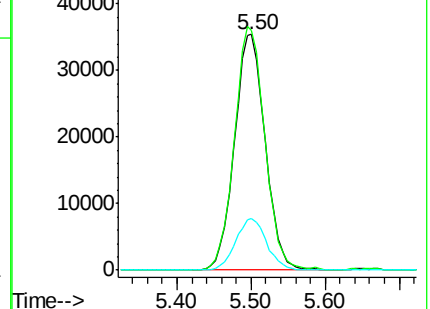
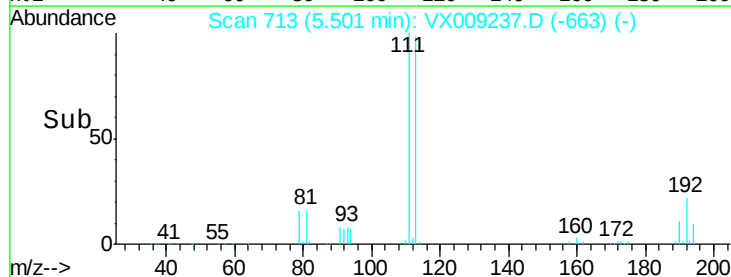
192 22.1 17.0 25.6

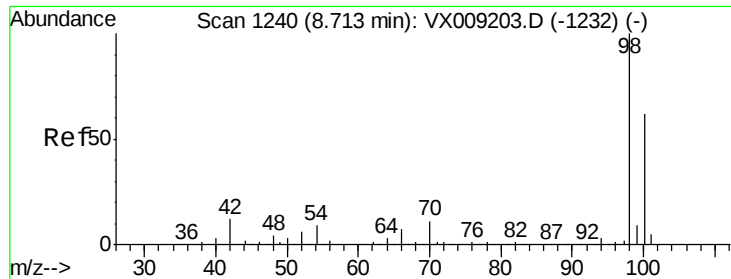


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

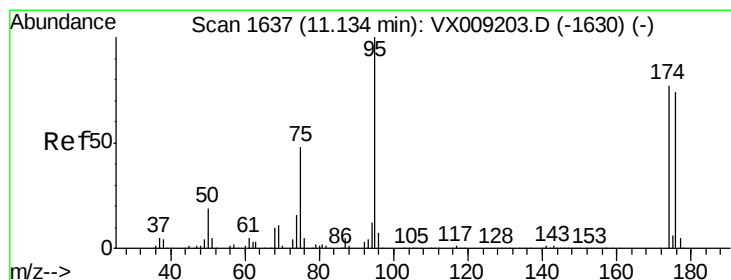
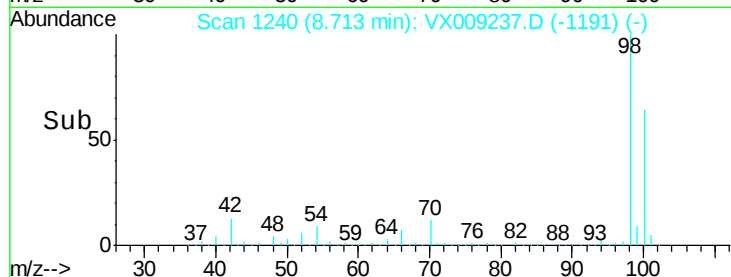
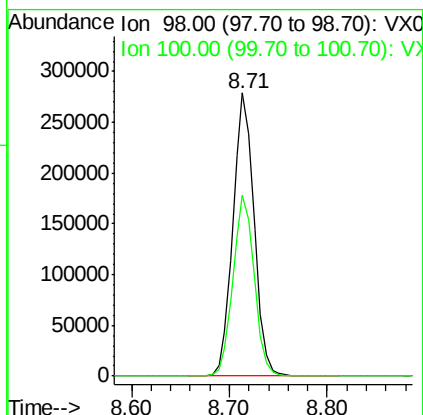
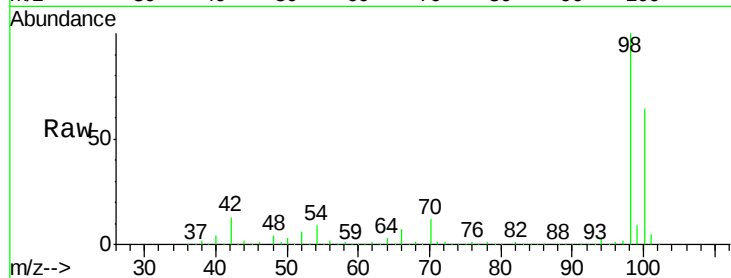




#50
Toluene-d8
Concen: 49.148 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009237.D
Acq: 30 Apr 2019 11:47

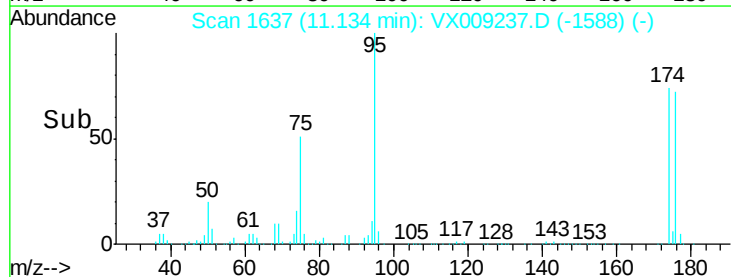
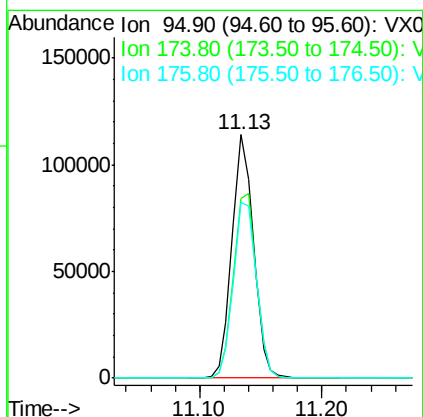
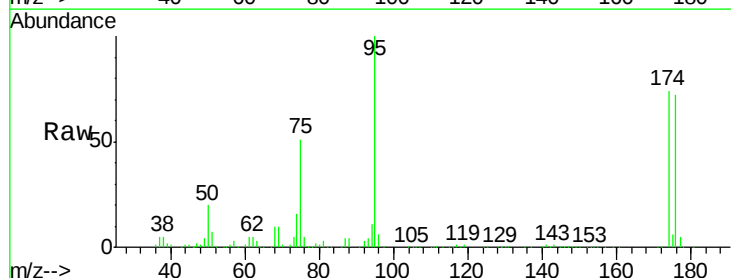
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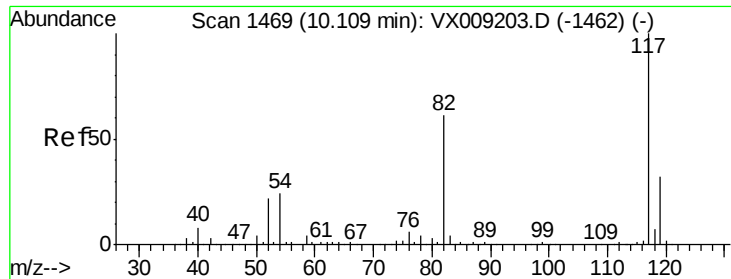
Tot Ion: 98 Resp: 418375
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.915 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009237.D
Acq: 30 Apr 2019 11:47

Tgt Ion: 95 Resp: 138929
Ion Ratio Lower Upper
95 100
174 80.4 0.0 161.6
176 77.5 0.0 159.2

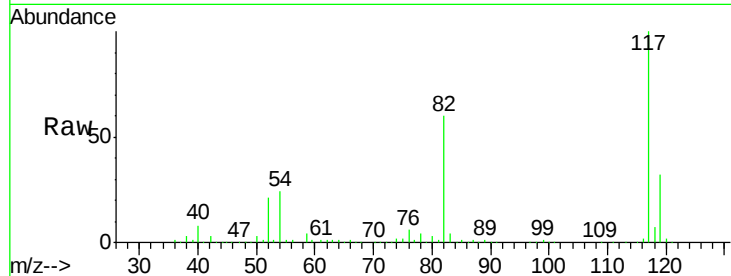




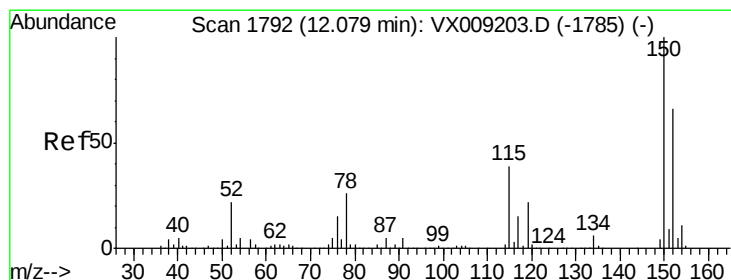
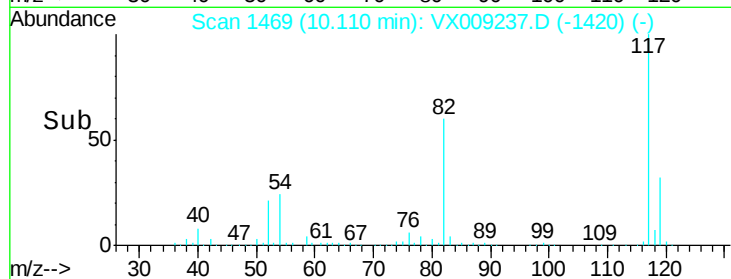
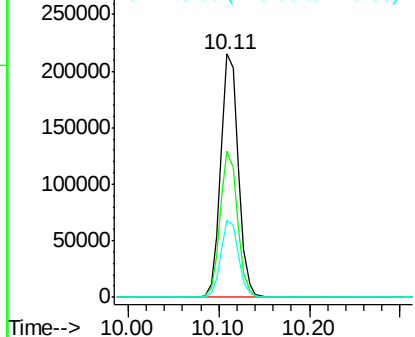
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009237.D
Acq: 30 Apr 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
WP021MW174-190423

Tot Ion:117 Resp: 292180
Ion Ratio Lower Upper
117 100
82 60.2 48.8 73.2
119 31.7 25.8 38.6

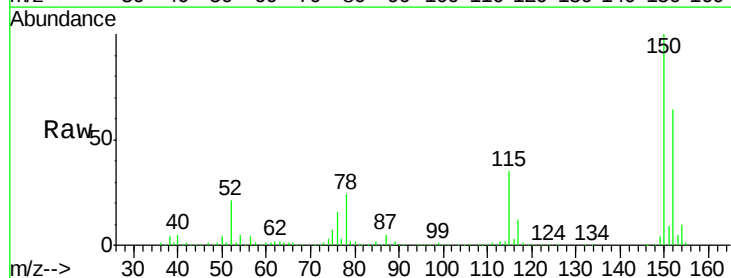


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009237.D
Acq: 30 Apr 2019 11:47

Tgt Ion:152 Resp: 121357
Ion Ratio Lower Upper
152 100
115 58.6 41.2 123.6
150 157.9 0.0 346.4



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

