

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009347.D
 Acq On : 06 May 2019 13:54
 Operator : JC/SP
 Sample : K2663-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB03-190429

Quant Time: May 07 11:03:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118493	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	129443	48.22	ug/l	0.00
Spiked Amount						
			Recovery	=	96.44%	
35) Dibromofluoromethane	5.50	113	97007	48.55	ug/l	0.00
Spiked Amount						
			Recovery	=	97.10%	
50) Toluene-d8	8.71	98	391509	48.54	ug/l	0.00
Spiked Amount						
			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.13	95	130441	44.51	ug/l	0.00
Spiked Amount						
			Recovery	=	89.02%	

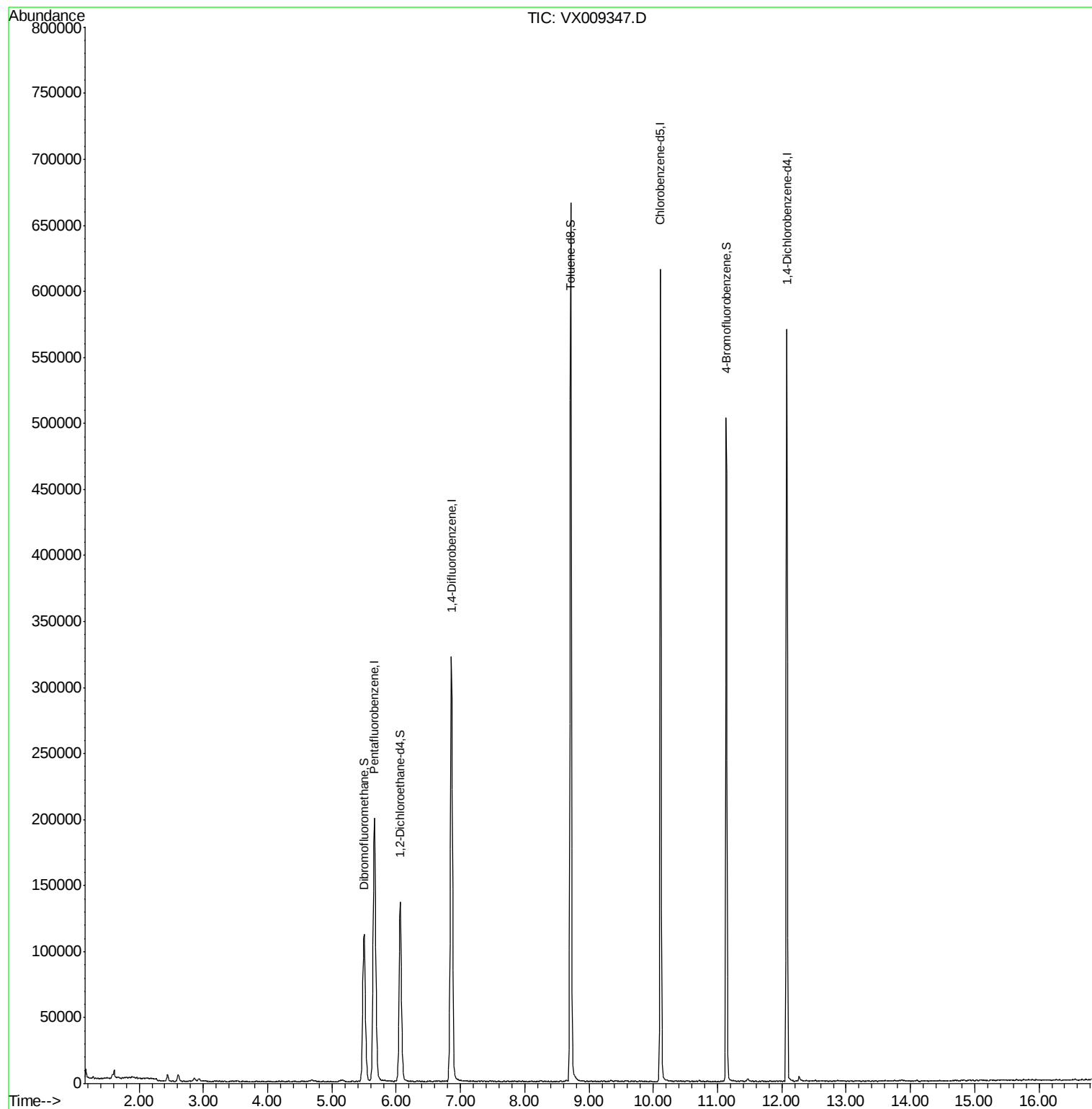
Target Compounds	Qvalue

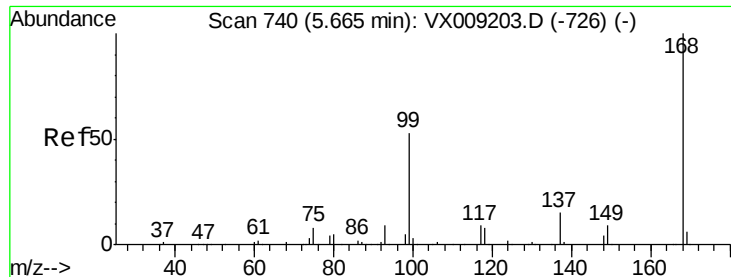
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009347.D

Acq: 06 May 2019 13:54

Instrument :

MSVOA_X

ClientSampleId :

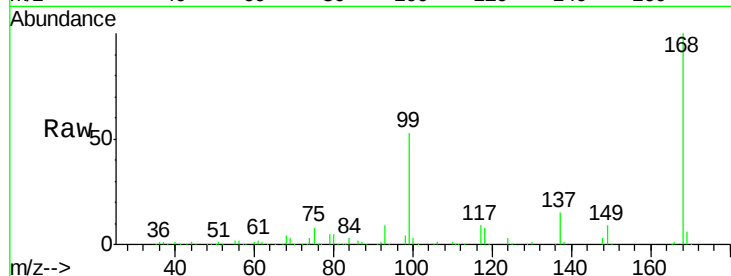
Z5-TB03-190429

Tot Ion:168 Resp: 196636

Ion Ratio Lower Upper

168 100

99 53.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

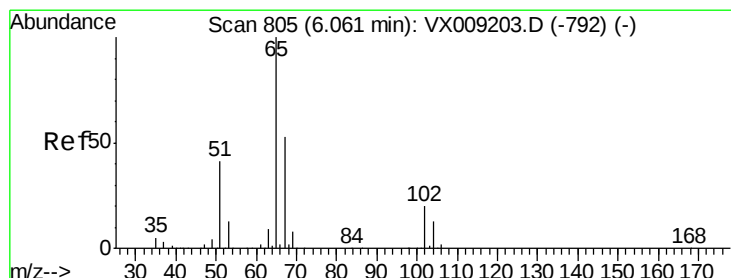
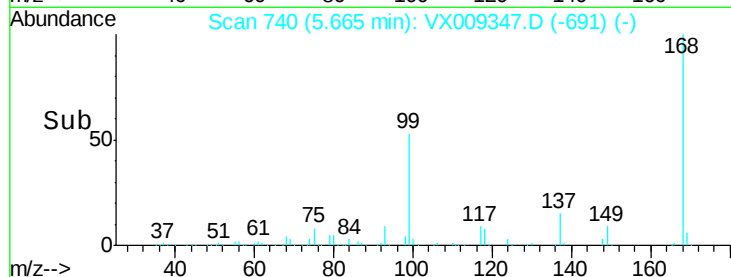
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.222 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009347.D

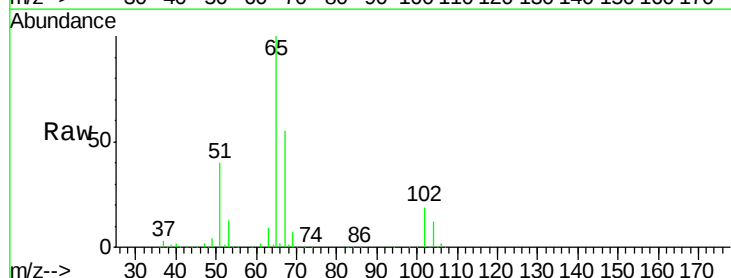
Acq: 06 May 2019 13:54

Tgt Ion: 65 Resp: 129443

Ion Ratio Lower Upper

65 100

67 53.8 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

50000

40000

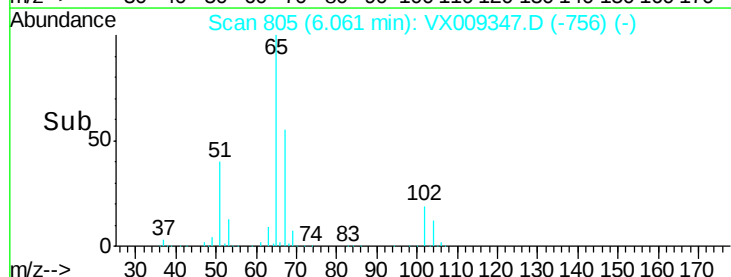
30000

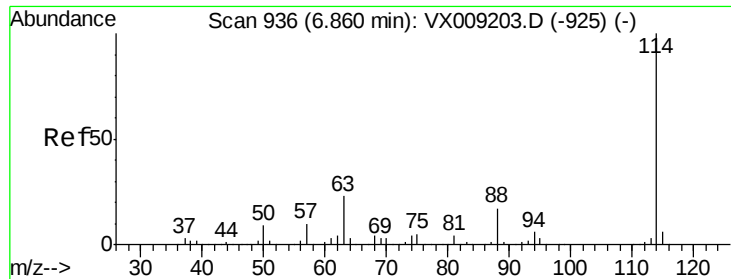
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

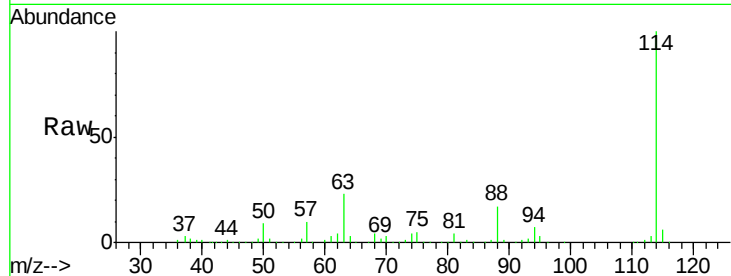




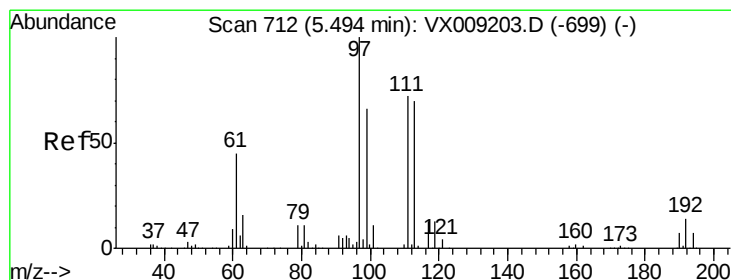
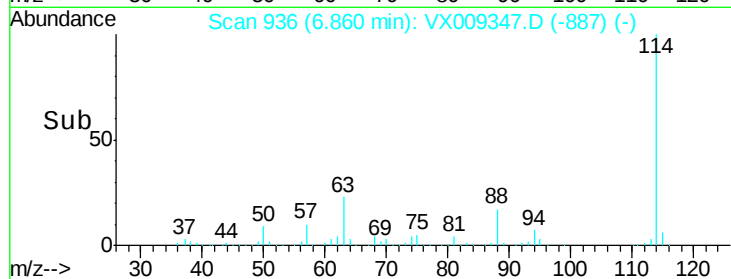
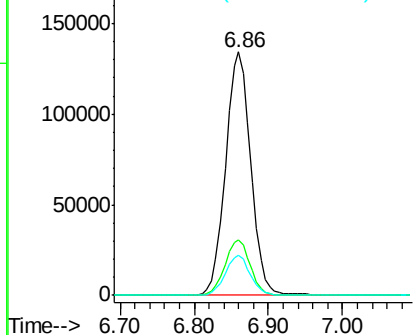
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009347.D
 Acq: 06 May 2019 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB03-190429

Tot Ion:114 Resp: 317810
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.6
 88 16.7 0.0 33.2

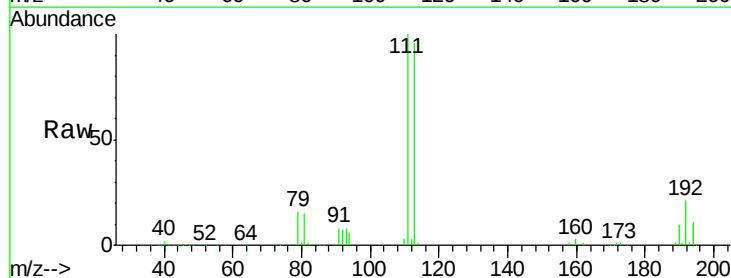


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

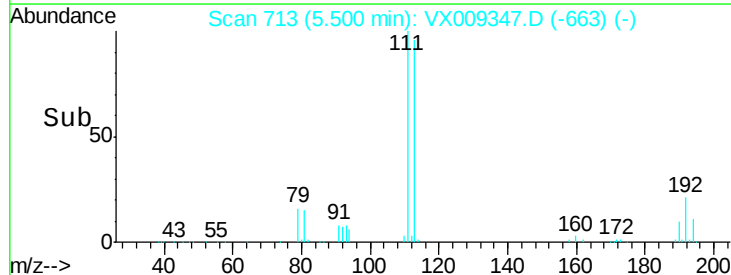
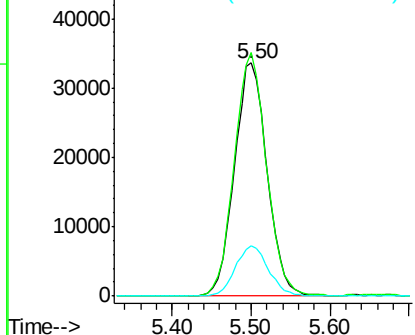


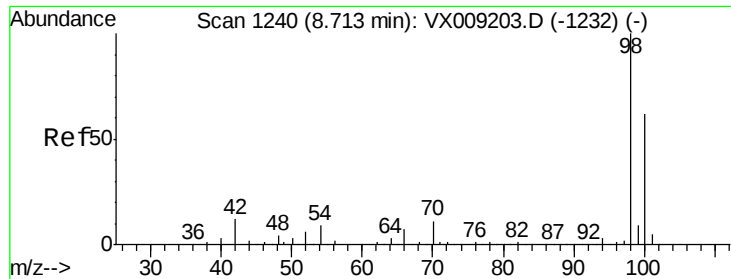
#35
 Dibromofluoromethane
 Concen: 48.555 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009347.D
 Acq: 06 May 2019 13:54

Tgt Ion:113 Resp: 97007
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 21.8 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

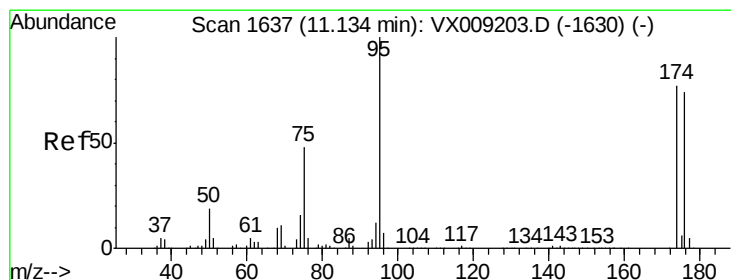
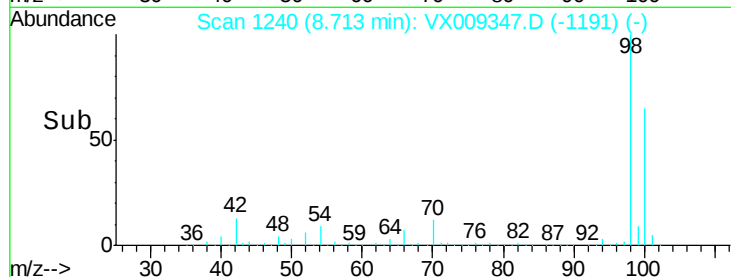
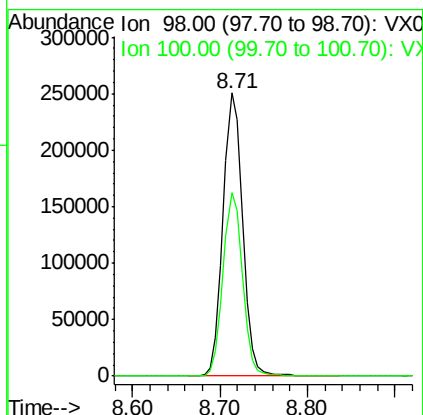
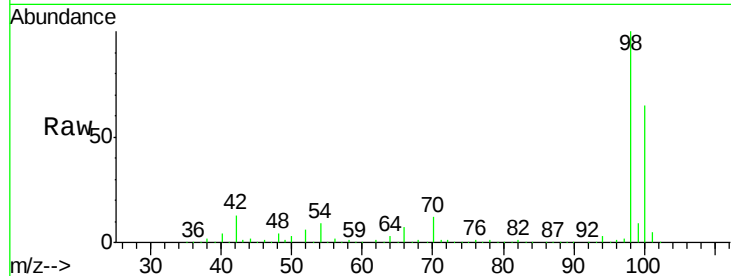




#50
Toluene-d8
Concen: 48.539 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009347.D
Acq: 06 May 2019 13:54

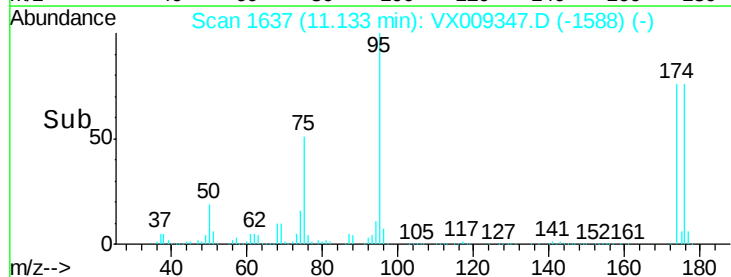
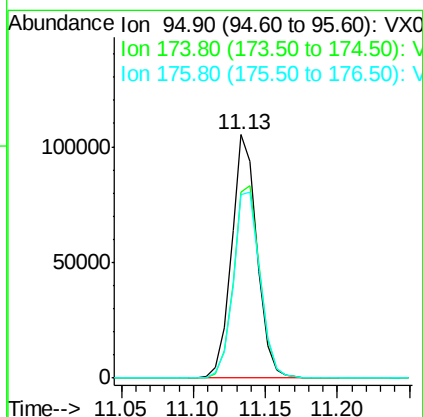
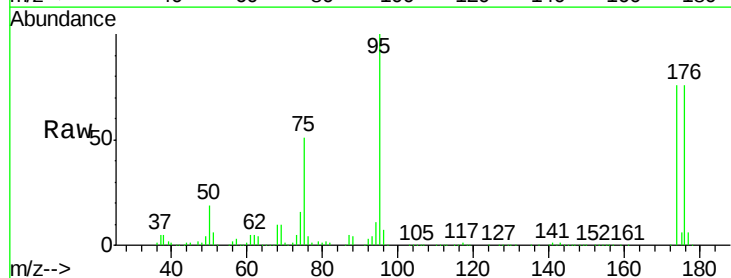
Instrument :
MSVOA_X
ClientSampleId :
Z5-TB03-190429

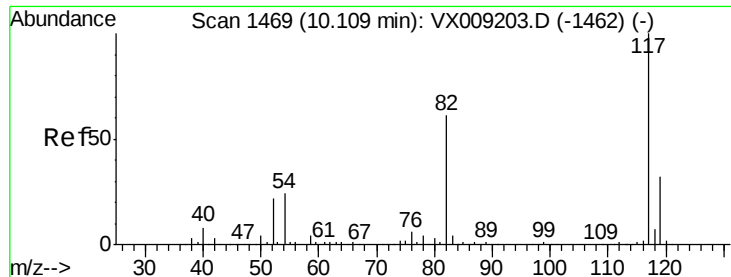
Tot Ion: 98 Resp: 391509
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.506 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009347.D
Acq: 06 May 2019 13:54

Tgt Ion: 95 Resp: 130441
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.6
176 80.3 0.0 159.2

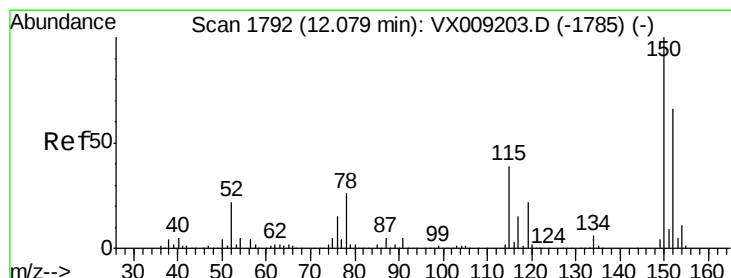
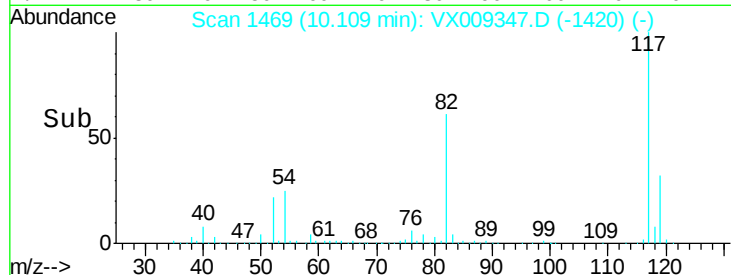
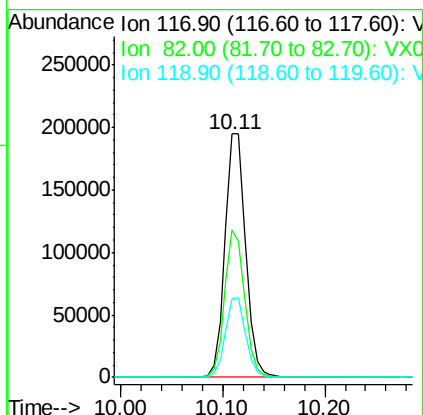
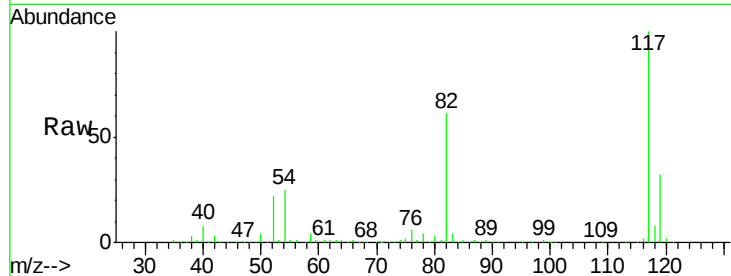




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009347.D
Acq: 06 May 2019 13:54

Instrument :
MSVOA_X
ClientSampleId :
Z5-TB03-190429

Tot Ion:117 Resp: 273720
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009347.D
Acq: 06 May 2019 13:54

Tgt Ion:152 Resp: 118493
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 156.8 0.0 346.4

