

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060523.D
 Acq On : 26 Oct 2018 18:25
 Operator : VA/AP
 Sample : J5515-21
 Misc : 5.63/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C1-02B

Quant Time: Oct 27 03:34:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 02:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	288827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	460796	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	420063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	257289	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	229387	39.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.92%	
35) Dibromofluoromethane	4.29	113	250151	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
50) Toluene-d8	7.71	98	510177	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.51	95	248263	40.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.42%	

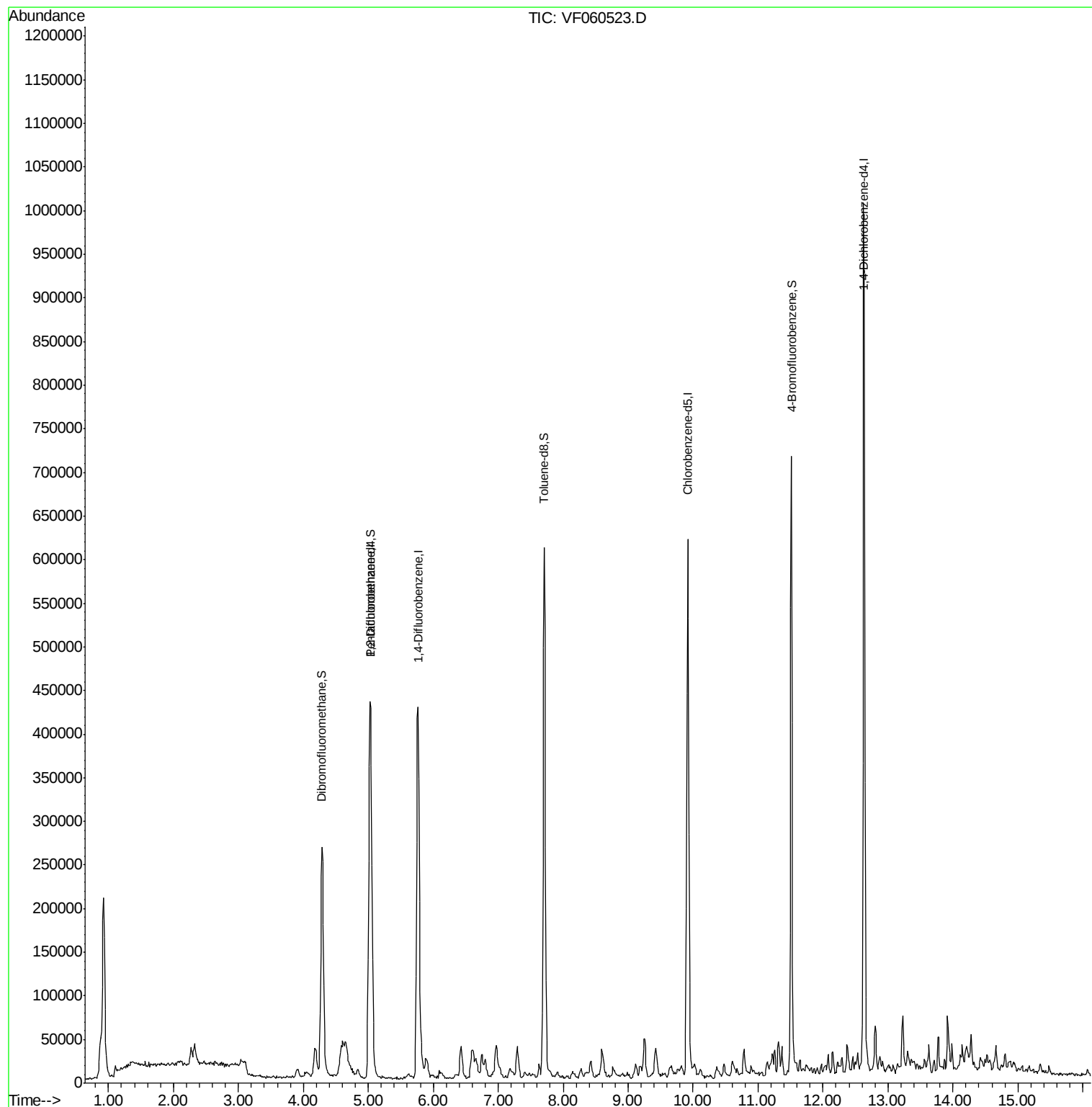
Target Compounds	Qvalue

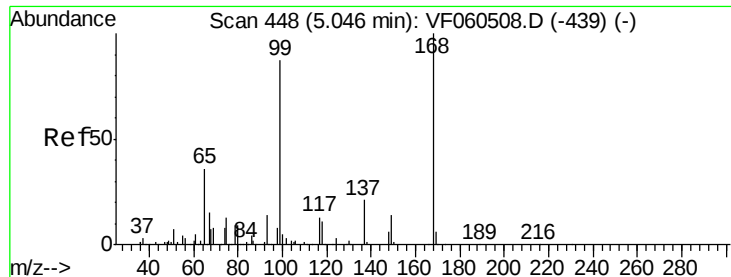
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.01 min

Lab File: VF060523.D

Acq: 26 Oct 2018 18:25

Instrument :

MSVOA_F

ClientSampleId :

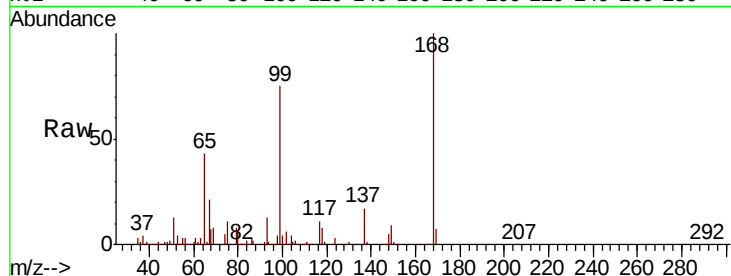
A0C1-02B

Tot Ion:168 Resp: 288827

Ion Ratio Lower Upper

168 100

99 74.8 69.9 104.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

100000

80000

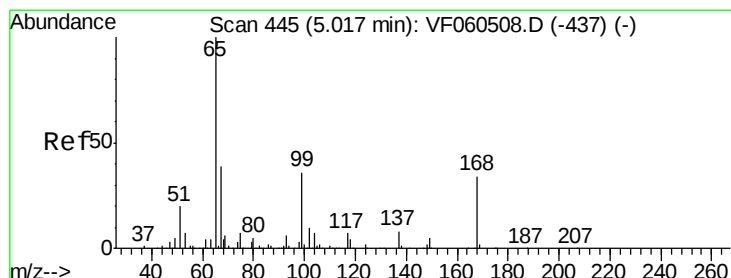
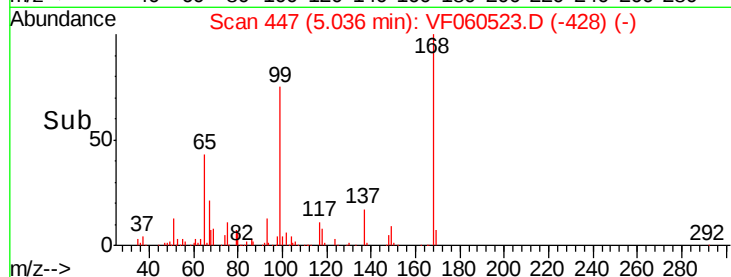
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 39.959 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.00 min

Lab File: VF060523.D

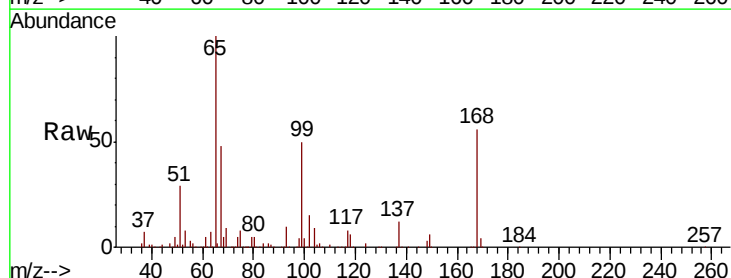
Acq: 26 Oct 2018 18:25

Tgt Ion: 65 Resp: 229387

Ion Ratio Lower Upper

65 100

67 47.8 0.0 85.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

80000

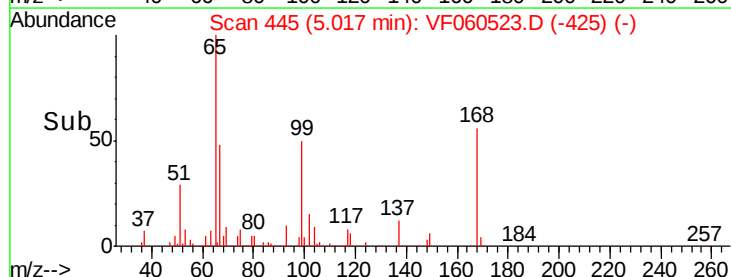
60000

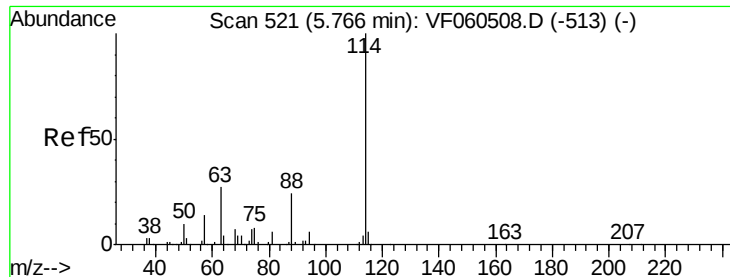
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 521

Delta R.T. -0.00 min

Lab File: VF060523.D

Acq: 26 Oct 2018 18:25

Instrument :

MSVOA_F

ClientSampleId :

A0C1-02B

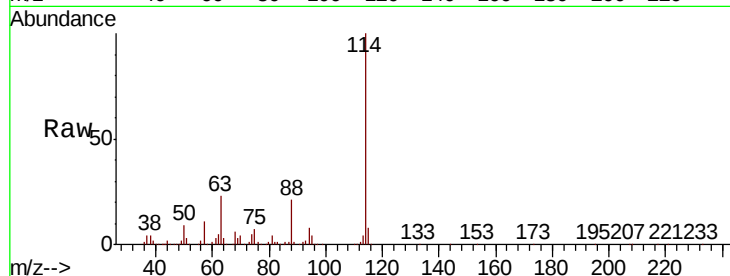
Tot Ion:114 Resp: 460796

Ion Ratio Lower Upper

114 100

63 22.6 0.0 54.4

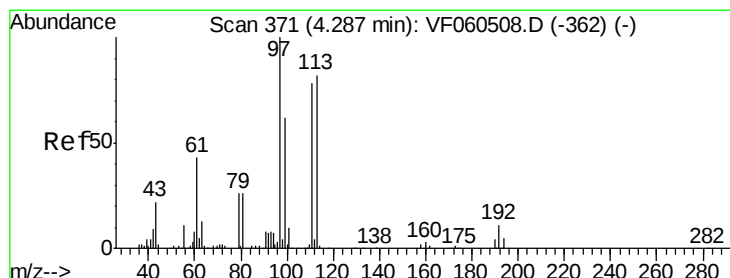
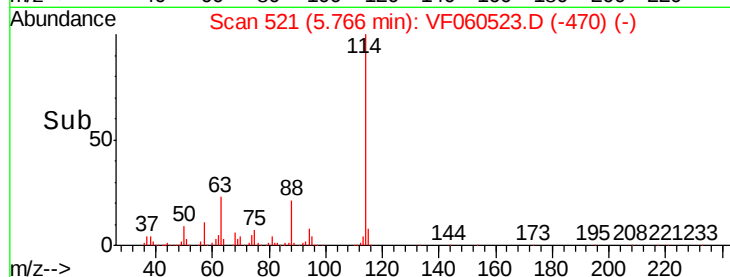
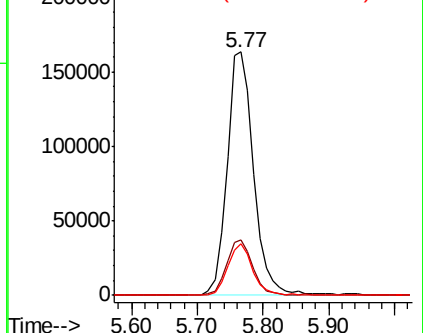
88 21.0 0.0 47.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 45.289 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.00 min

Lab File: VF060523.D

Acq: 26 Oct 2018 18:25

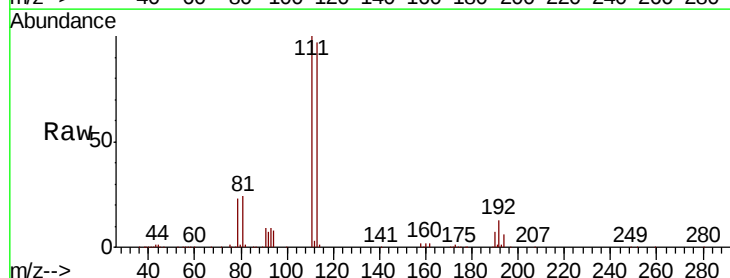
Tgt Ion:113 Resp: 250151

Ion Ratio Lower Upper

113 100

111 103.2 75.9 113.9

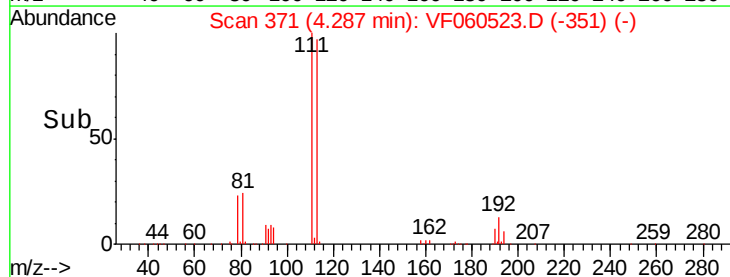
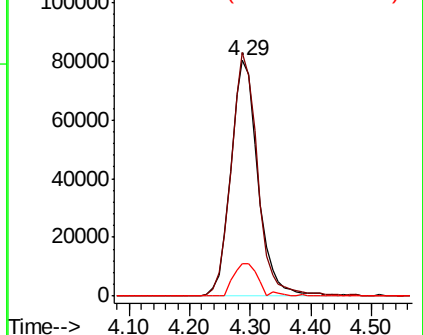
192 13.7 10.6 15.8

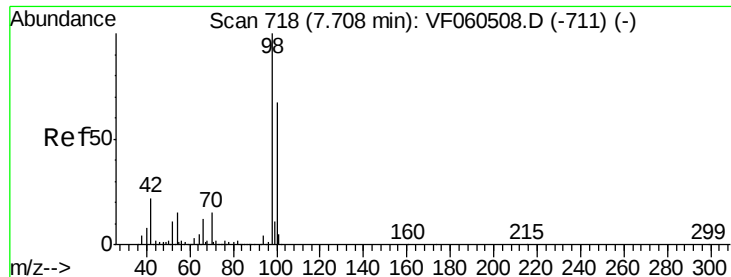


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

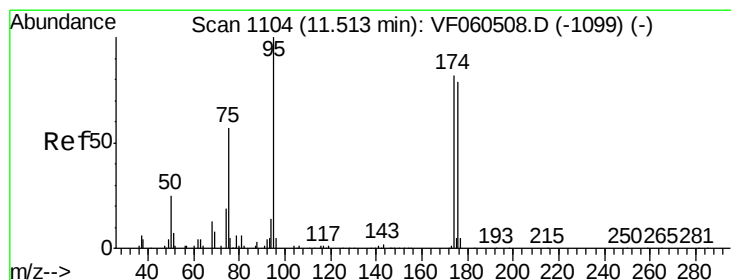
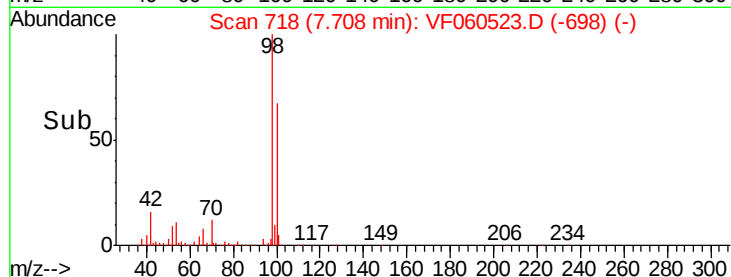
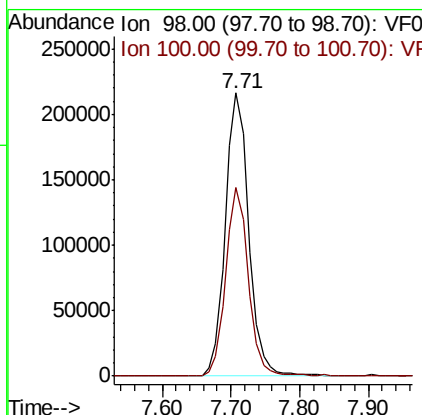
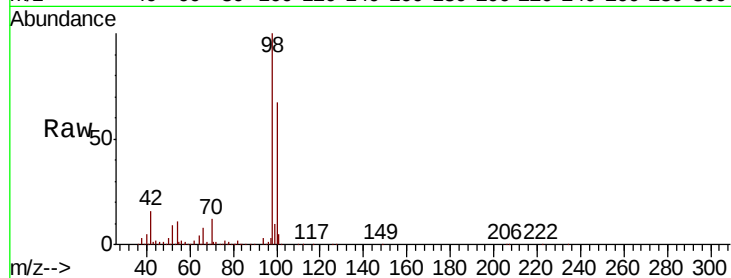




#50
Toluene-d8
Concen: 46.026 ug/l
RT: 7.71 min Scan# 718
Delta R.T. -0.00 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

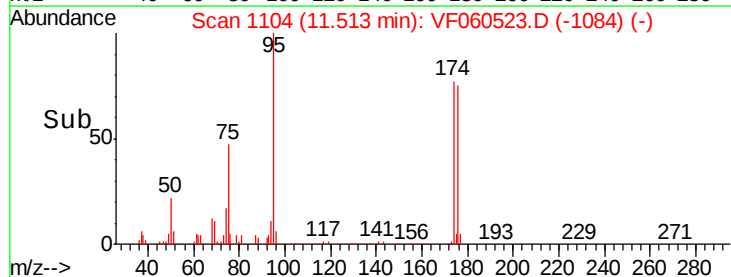
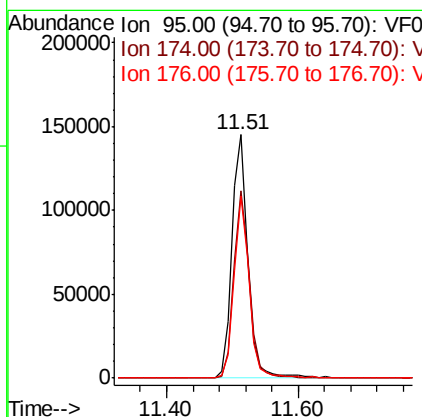
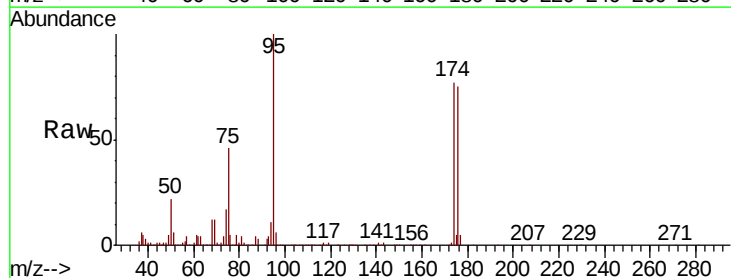
Instrument :
MSVOA_F
ClientSampleId :
A0C1-02B

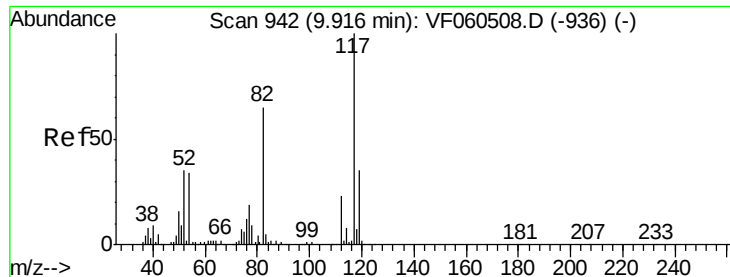
Tot Ion: 98 Resp: 510177
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 40.213 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. -0.00 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion: 95 Resp: 248263
Ion Ratio Lower Upper
95 100
174 77.0 0.0 164.2
176 74.6 0.0 158.4

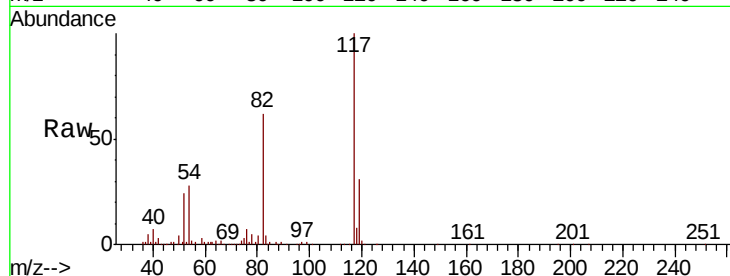




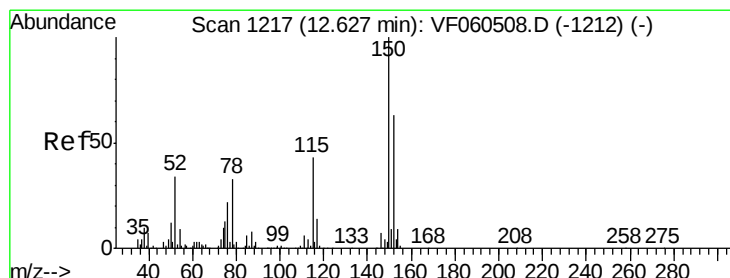
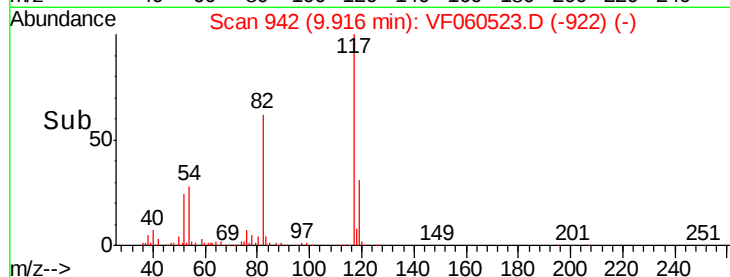
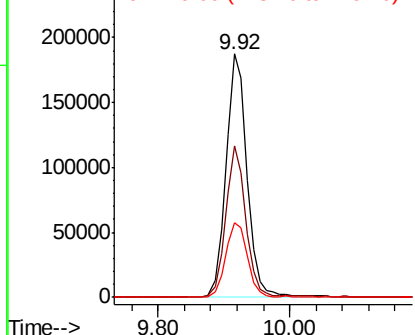
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :
A0C1-02B

Tot Ion:117 Resp: 420063
Ion Ratio Lower Upper
117 100
82 62.0 51.7 77.5
119 30.8 28.3 42.5

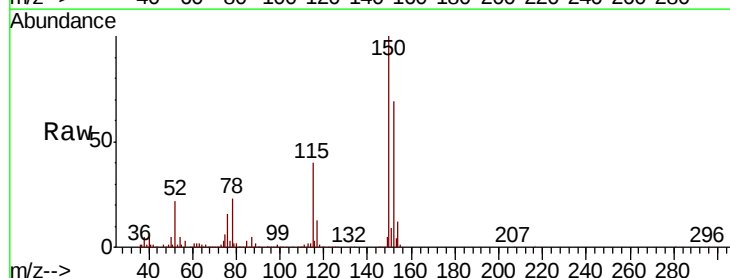


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion:152 Resp: 257289
Ion Ratio Lower Upper
152 100
115 57.7 34.6 103.9
150 144.3 0.0 319.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

