

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060516.D
 Acq On : 26 Oct 2018 15:01
 Operator : VA/AP
 Sample : VF1026SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1026SBL01

Quant Time: Oct 27 02:12:34 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	5.03	168	227331	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	360771	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	309419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	195441	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	206671	45.74	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	4.27	113	208656	48.25	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	7.70	98	379840	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
62) 4-Bromofluorobenzene	11.51	95	191209	39.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.12%	

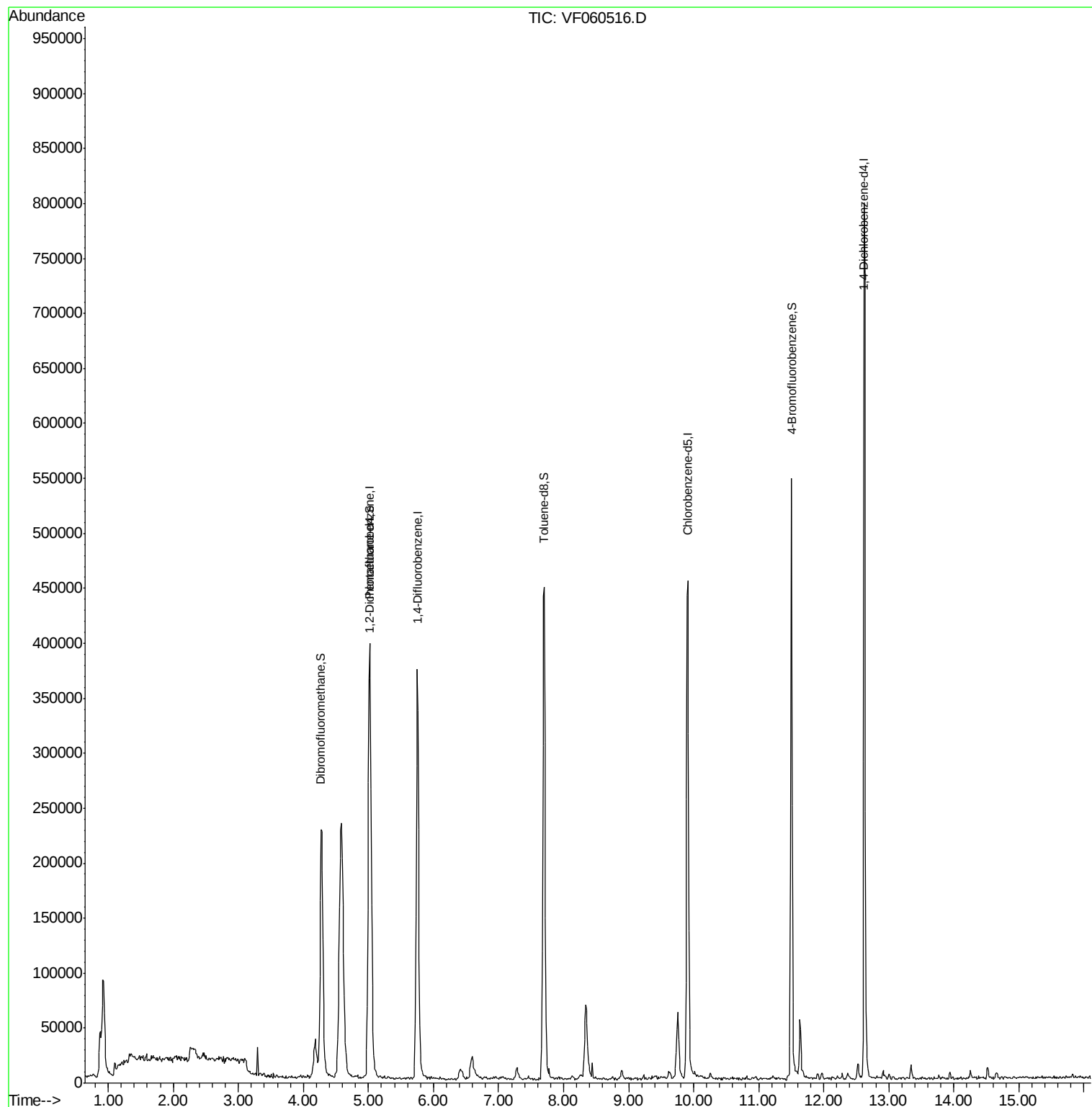
Target Compounds	Qvalue
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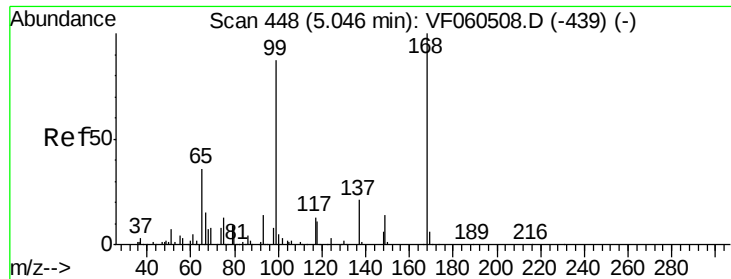
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.02 min

Lab File: VF060516.D

Acq: 26 Oct 2018 15:01

Instrument :

MSVOA_F

ClientSampleId :

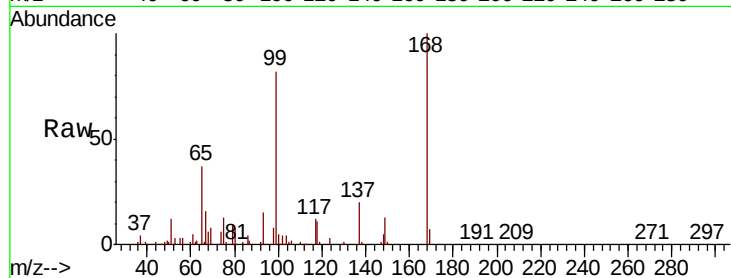
VF1026SBL01

Tot Ion:168 Resp: 227331

Ion Ratio Lower Upper

168 100

99 81.9 69.9 104.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

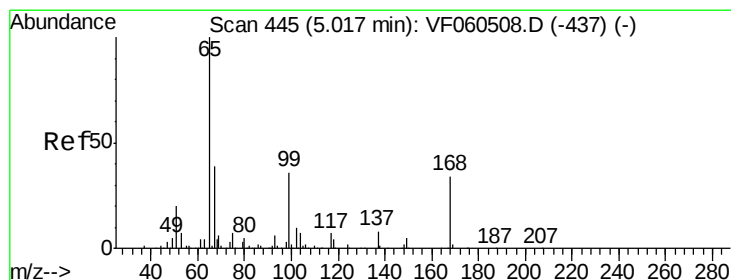
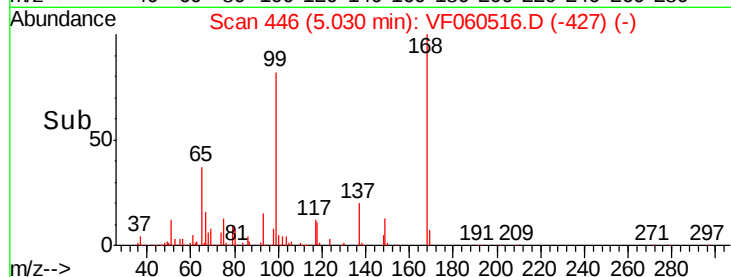
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 45.741 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.02 min

Lab File: VF060516.D

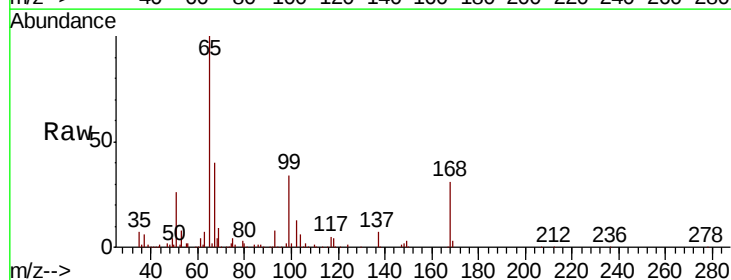
Acq: 26 Oct 2018 15:01

Tgt Ion: 65 Resp: 206671

Ion Ratio Lower Upper

65 100

67 39.7 0.0 85.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

80000

60000

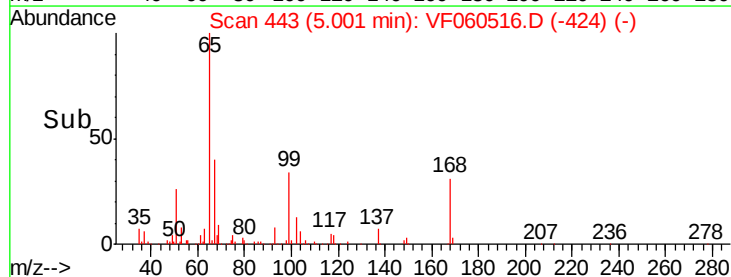
40000

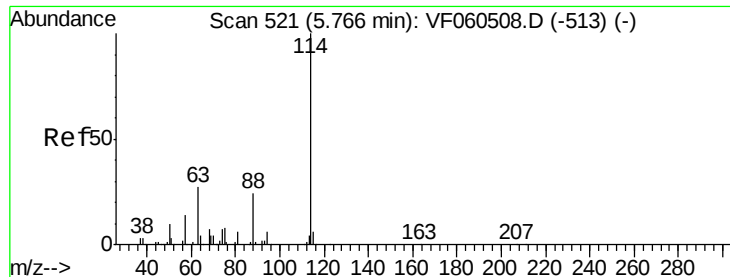
20000

0

Time-->

4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. -0.02 min

Lab File: VF060516.D

Acq: 26 Oct 2018 15:01

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBL01

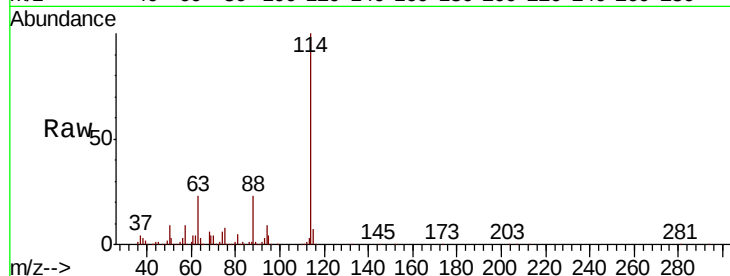
Tot Ion:114 Resp: 360771

Ion Ratio Lower Upper

114 100

63 22.6 0.0 54.4

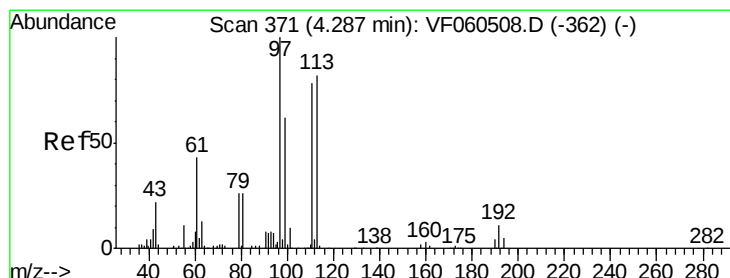
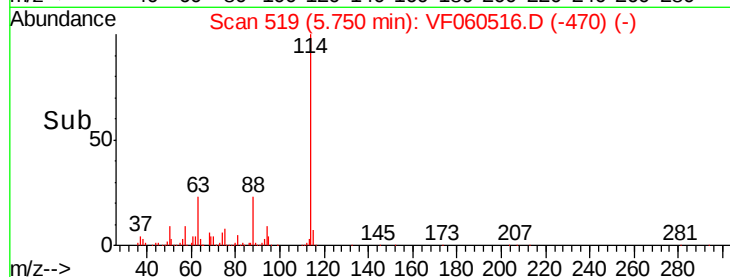
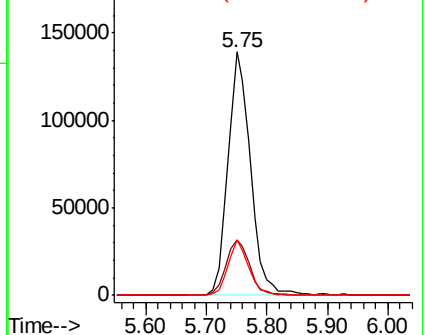
88 22.9 0.0 47.2



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: 48.250 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.02 min

Lab File: VF060516.D

Acq: 26 Oct 2018 15:01

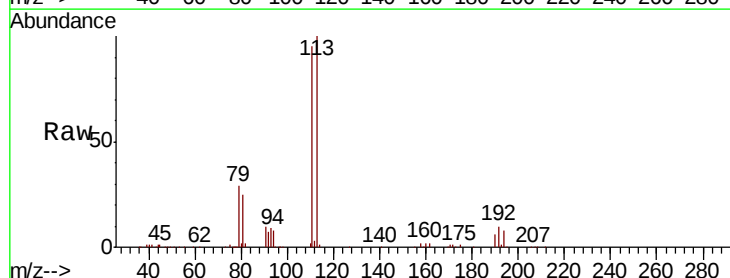
Tgt Ion:113 Resp: 208656

Ion Ratio Lower Upper

113 100

111 94.1 75.9 113.9

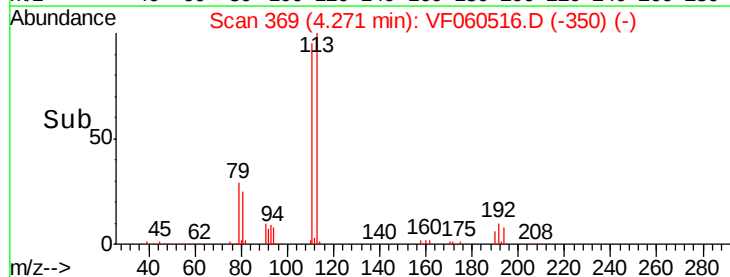
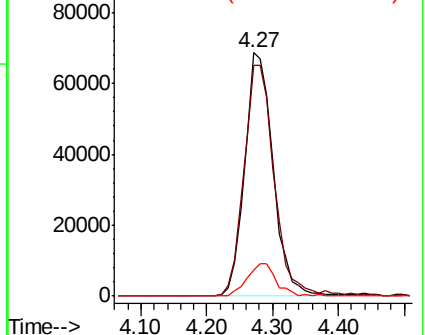
192 10.6 10.6 15.8#

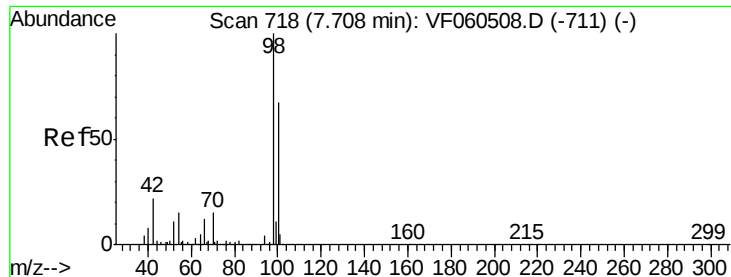


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

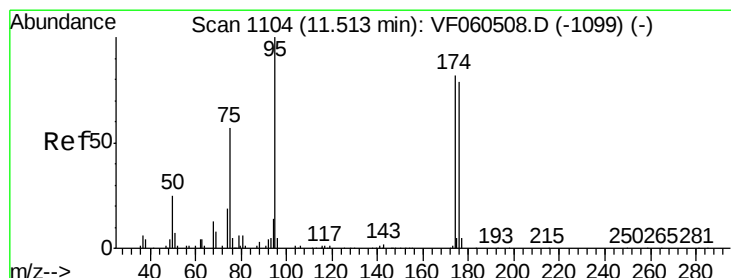
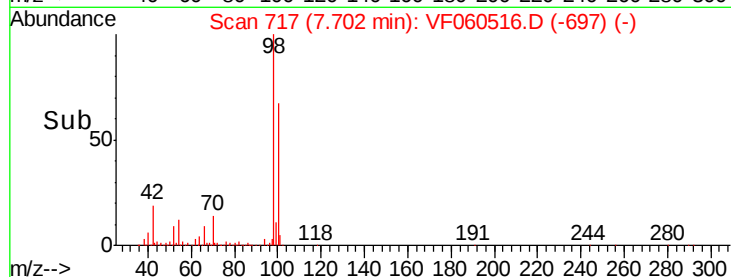
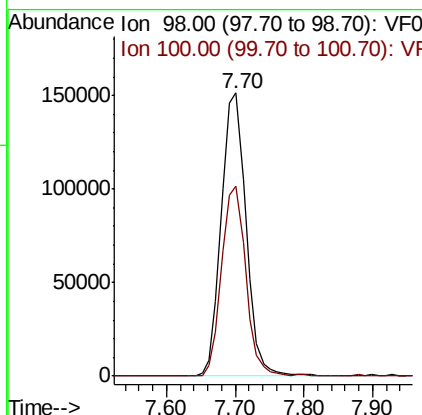
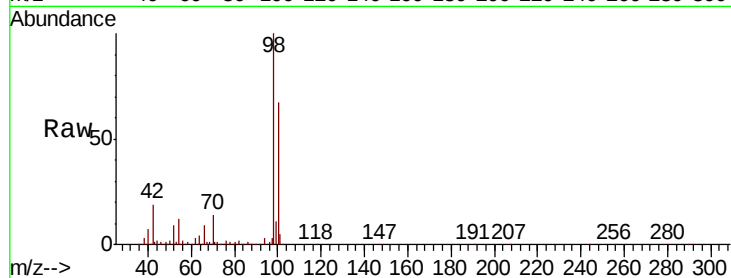




#50
Toluene-d8
Concen: 43.768 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060516.D
Acq: 26 Oct 2018 15:01

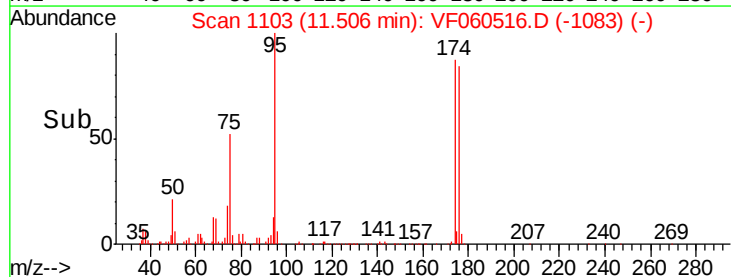
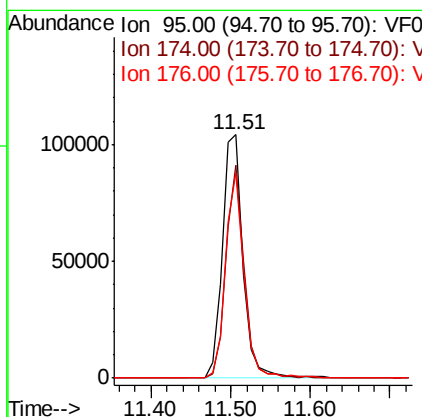
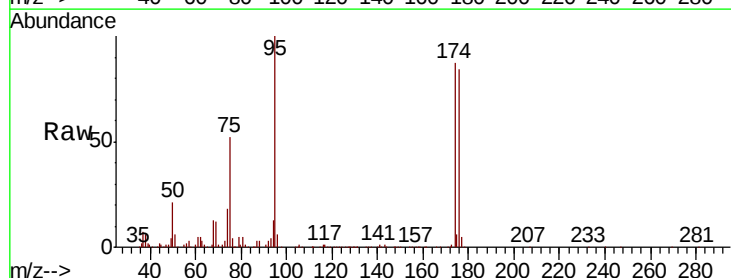
Instrument :
MSVOA_F
ClientSampleId :
VF1026SBL01

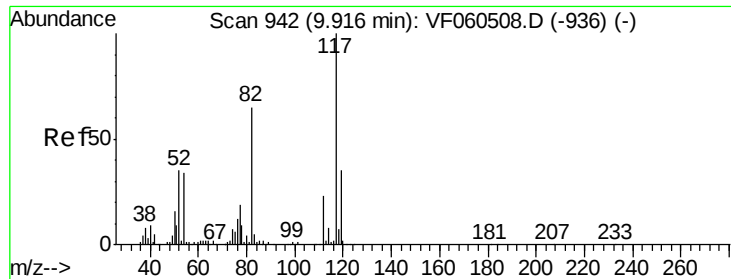
Tot Ion: 98 Resp: 379840
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 39.558 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. -0.01 min
Lab File: VF060516.D
Acq: 26 Oct 2018 15:01

Tgt Ion: 95 Resp: 191209
Ion Ratio Lower Upper
95 100
174 87.2 0.0 164.2
176 84.2 0.0 158.4

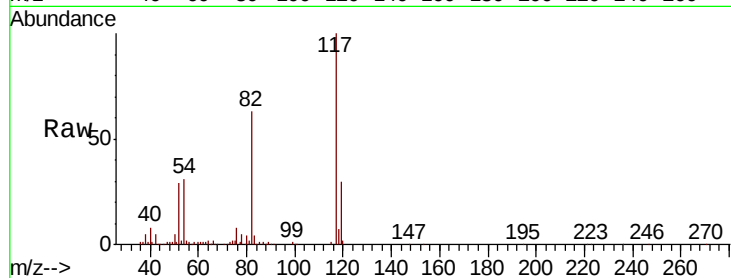




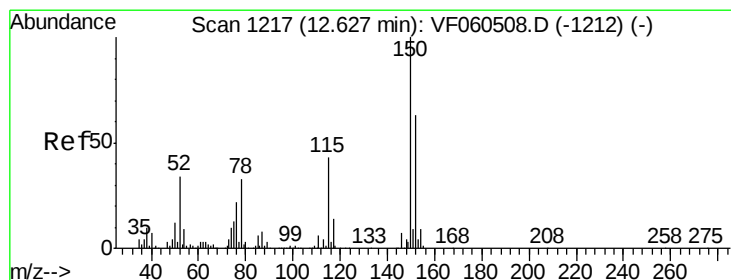
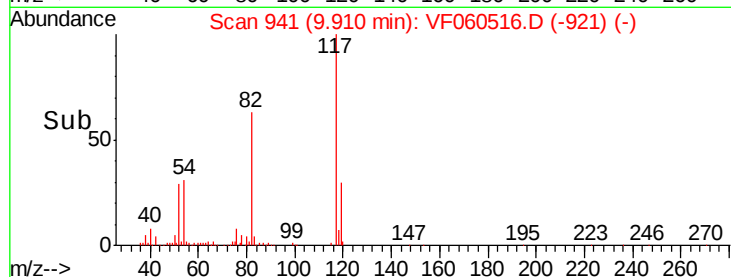
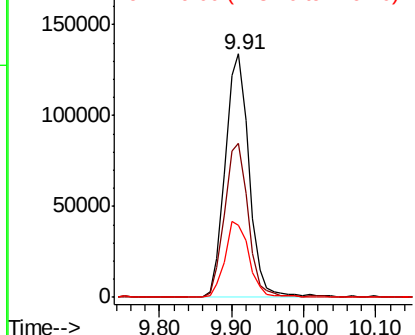
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060516.D
Acq: 26 Oct 2018 15:01

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.2	51.7	77.5
119	29.8	28.3	42.5

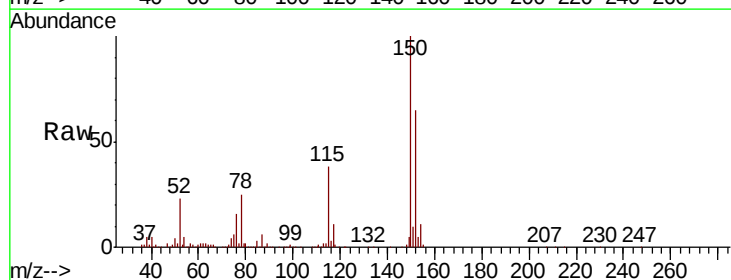


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060516.D
Acq: 26 Oct 2018 15:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	34.6	103.9
150	154.9	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

