

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060369.D
 Acq On : 28 Sep 2018 16:05
 Operator : VA/AP
 Sample : VF0928SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0928SBL01

Quant Time: Sep 29 00:37:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	214703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	367197	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	316468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	193738	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	166985	57.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.52%	
35) Dibromofluoromethane	4.28	113	176954	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	7.70	98	402778	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.50	95	190790	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

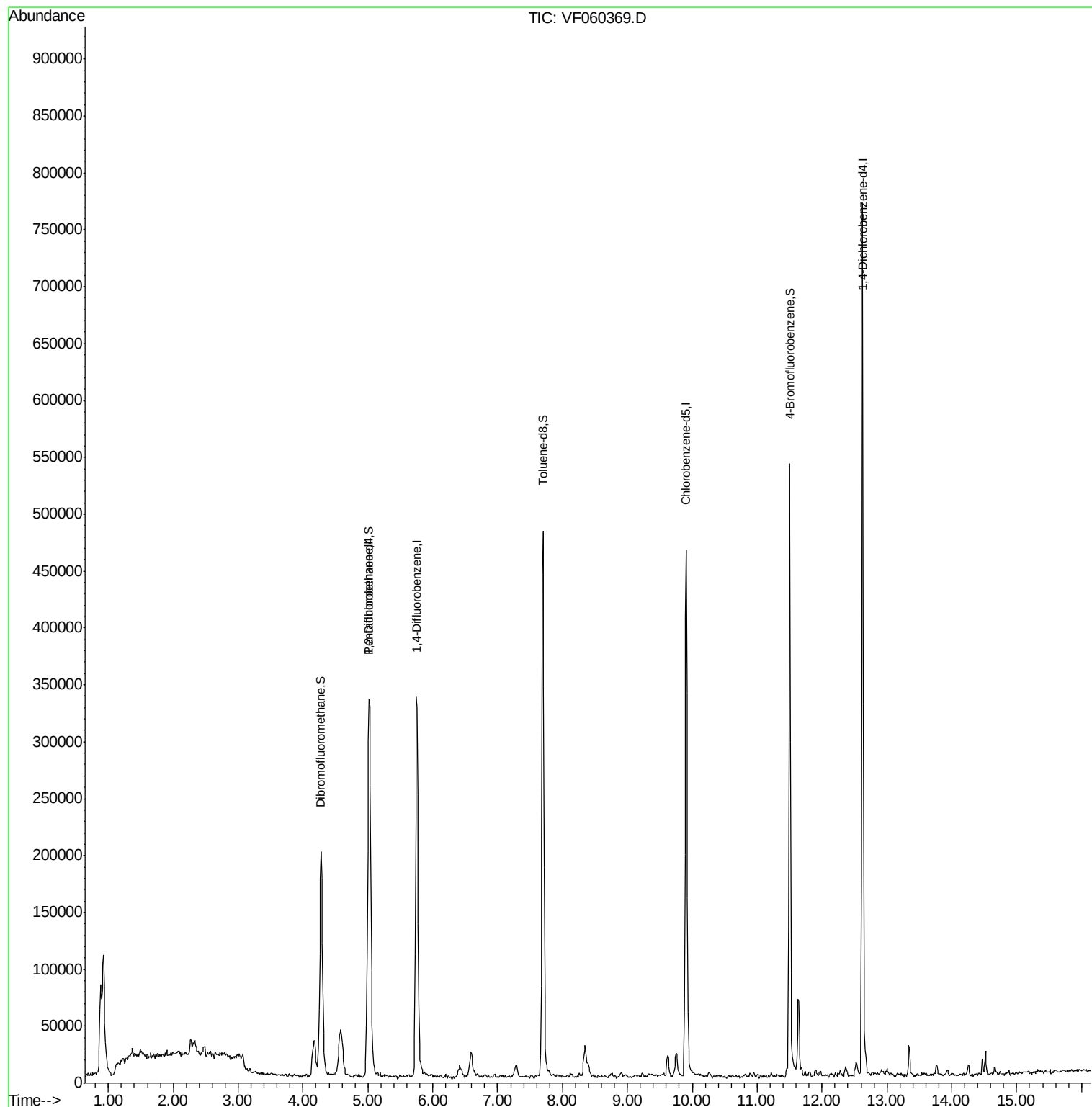
Target Compounds	Qvalue

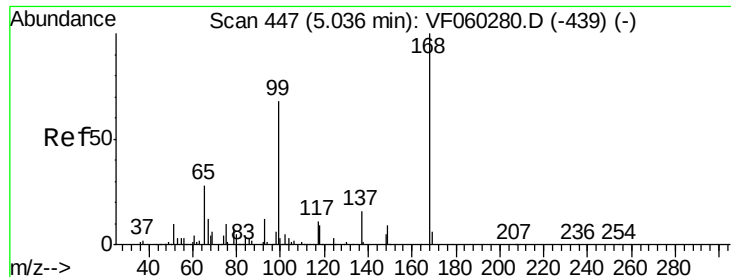
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060369.D

Acq: 28 Sep 2018 16:05

Instrument :

MSVOA_F

ClientSampleId :

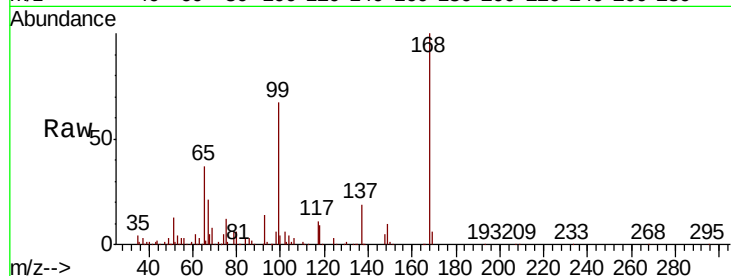
VF0928SBL01

Tot Ion:168 Resp: 214703

Ion Ratio Lower Upper

168 100

99 66.8 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

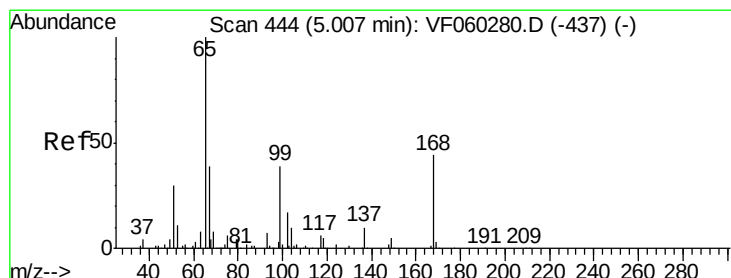
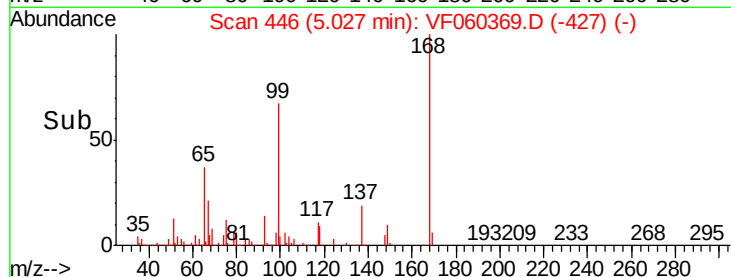
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 57.759 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060369.D

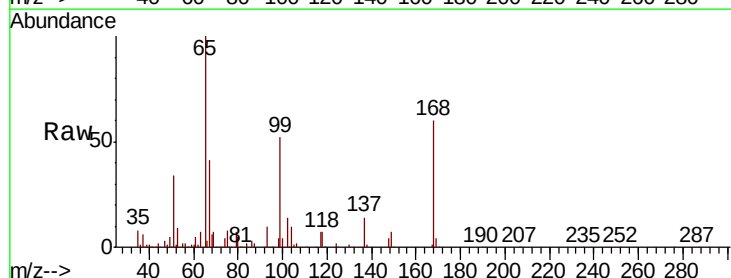
Acq: 28 Sep 2018 16:05

Tgt Ion: 65 Resp: 166985

Ion Ratio Lower Upper

65 100

67 40.6 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

60000

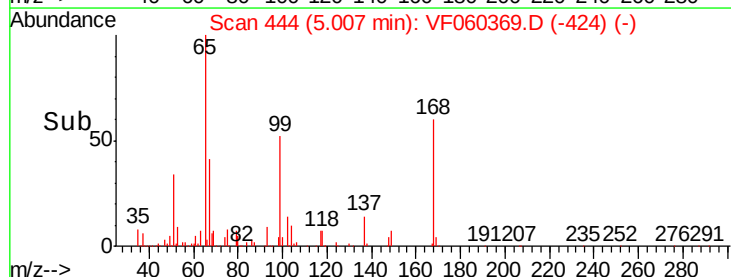
40000

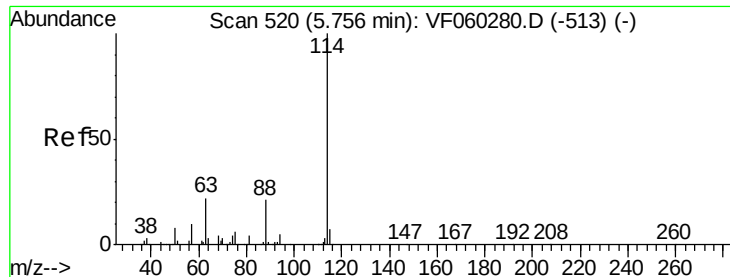
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 520

Delta R.T. 0.00 min

Lab File: VF060369.D

Acq: 28 Sep 2018 16:05

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBL01

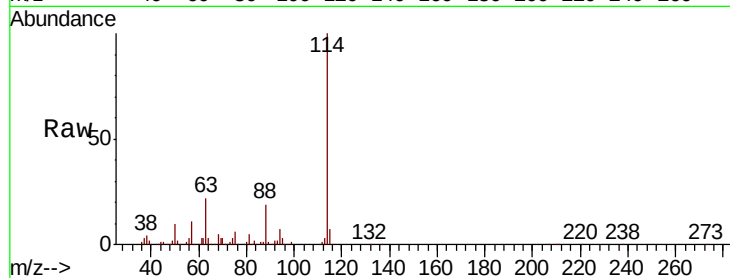
Tot Ion:114 Resp: 367197

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

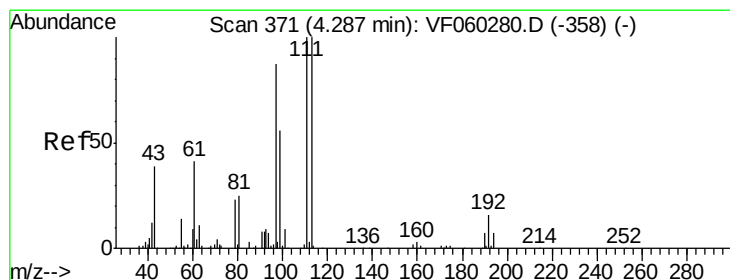
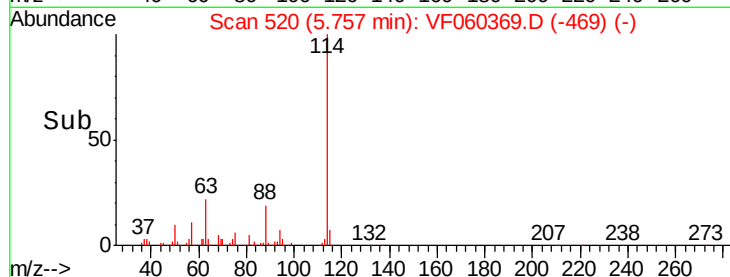
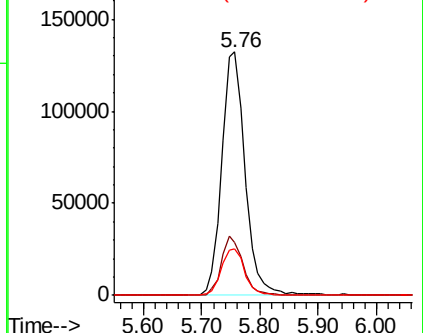
88 18.9 0.0 41.2



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: 54.060 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060369.D

Acq: 28 Sep 2018 16:05

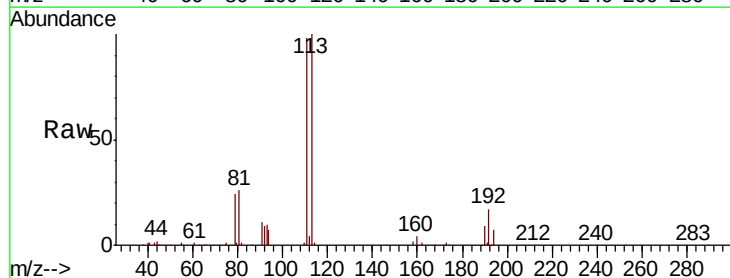
Tgt Ion:113 Resp: 176954

Ion Ratio Lower Upper

113 100

111 98.3 79.6 119.4

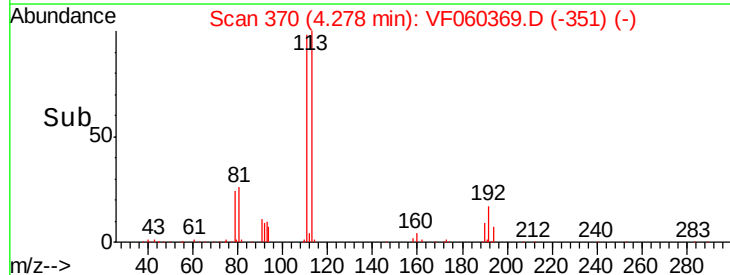
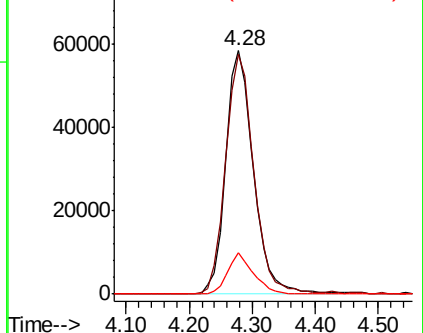
192 17.1 13.0 19.6

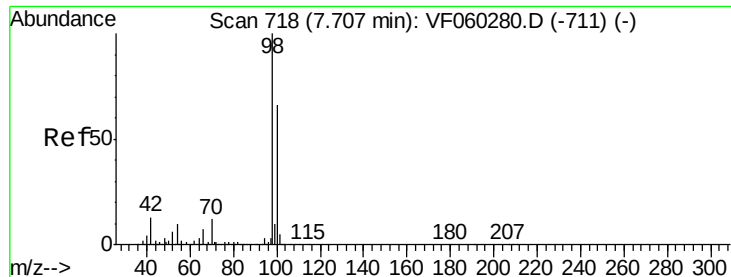


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

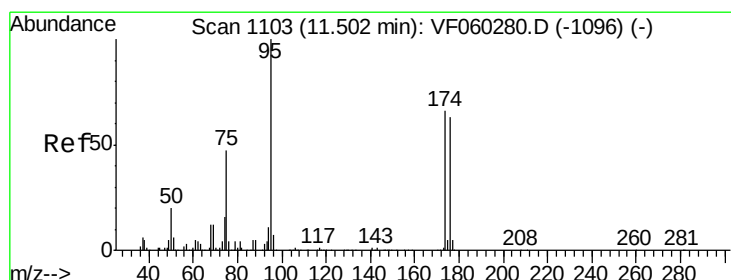
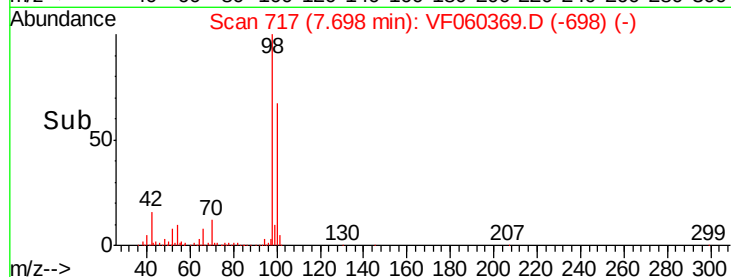
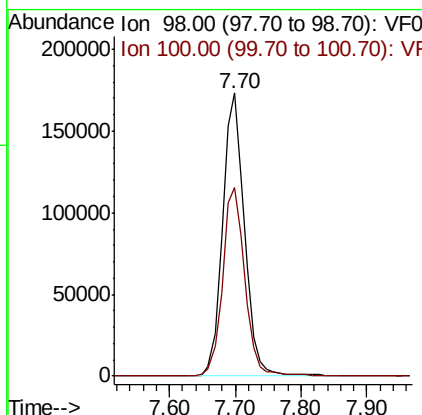
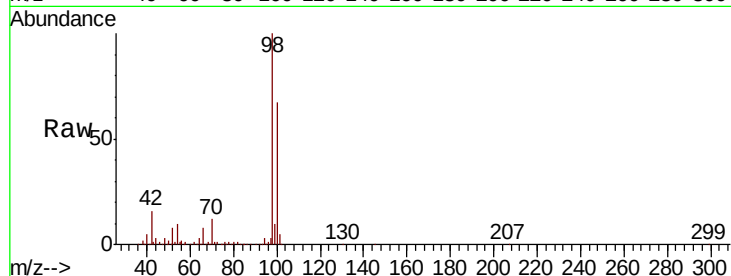




#50
Toluene-d8
Concen: 47.250 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

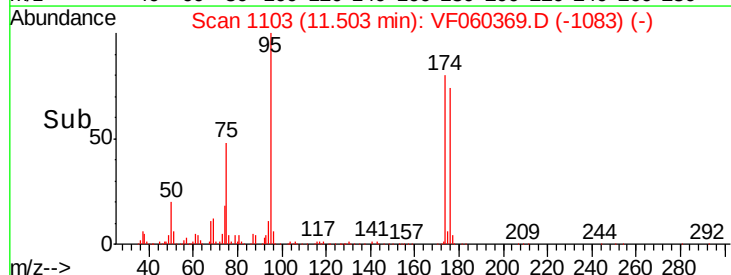
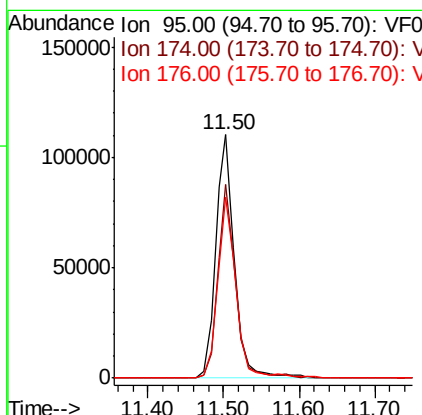
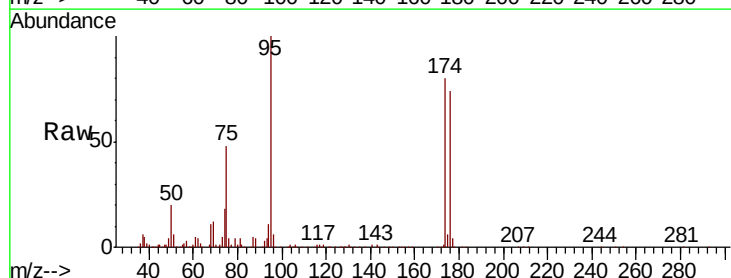
Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

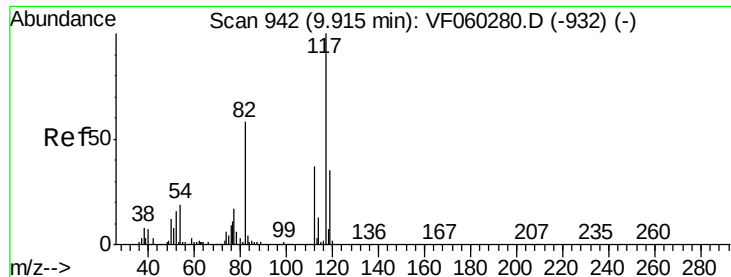
Tot Ion: 98 Resp: 402778
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 51.777 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 95 Resp: 190790
Ion Ratio Lower Upper
95 100
174 79.8 0.0 131.2
176 74.1 0.0 126.6

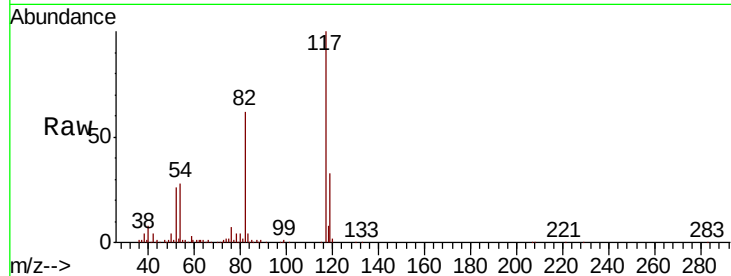




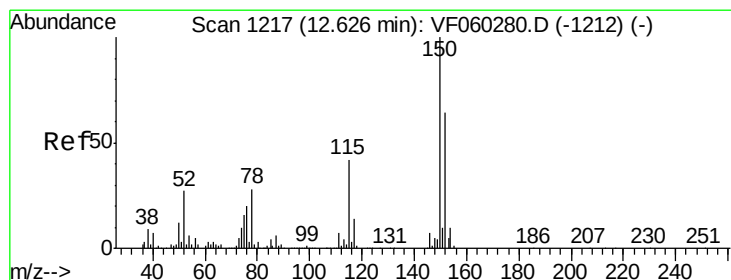
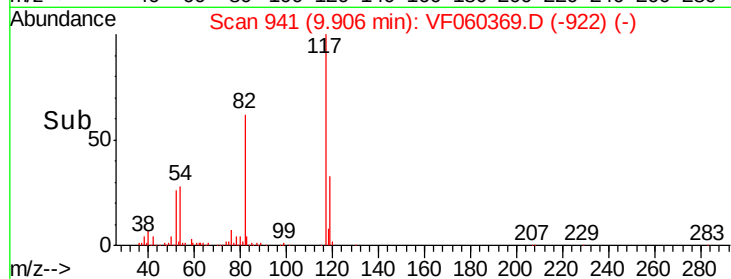
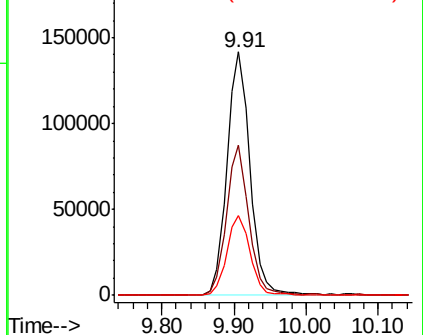
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

Tot Ion:117 Resp: 316468
Ion Ratio Lower Upper
117 100
82 61.9 46.2 69.2
119 32.7 27.8 41.6

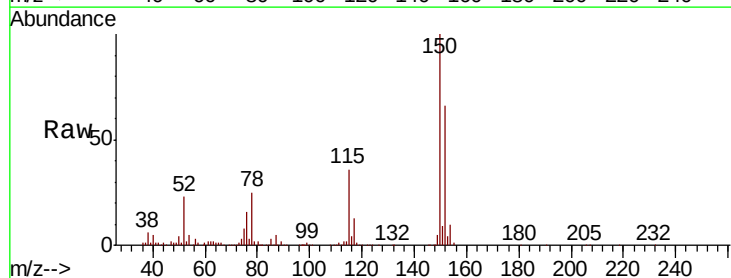


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion:152 Resp: 193738
Ion Ratio Lower Upper
152 100
115 55.6 32.6 97.8
150 152.5 0.0 314.2



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

