

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092118\
 Data File : VF060312.D
 Acq On : 21 Sep 2018 13:06
 Operator : VA/AP
 Sample : VF0921SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0921SBL01

Quant Time: Sep 24 14:32:58 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	281121	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	466208	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	402090	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	222416	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	202711	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	4.28	113	219801	52.89	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	7.70	98	538438	49.75	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.50	95	234930	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

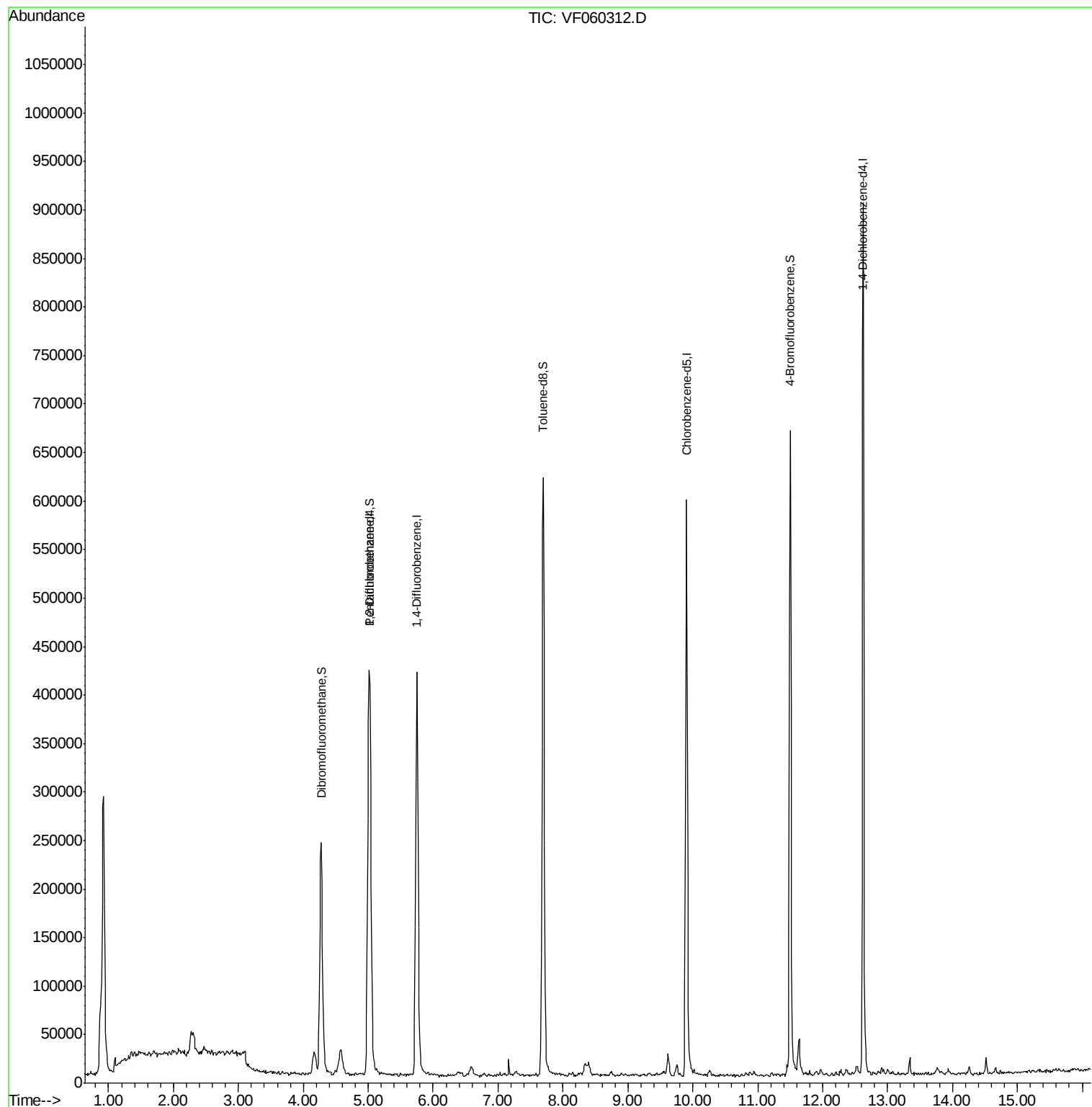
Target Compounds	Qvalue

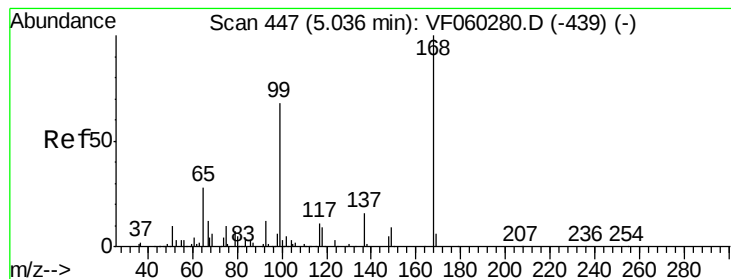
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060312.D

Acq: 21 Sep 2018 13:06

Instrument :

MSVOA_F

ClientSampleId :

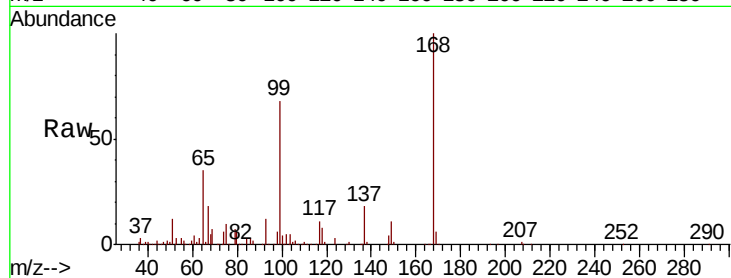
VF0921SBL01

Tot Ion:168 Resp: 281121

Ion Ratio Lower Upper

168 100

99 68.3 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

100000

80000

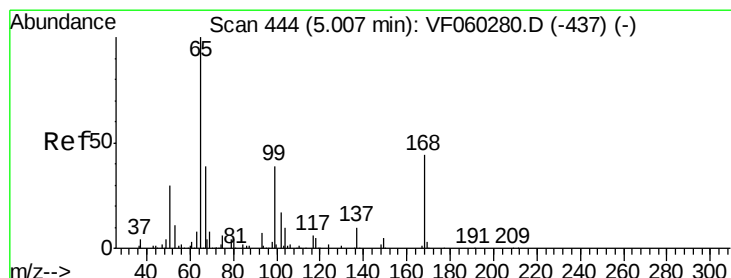
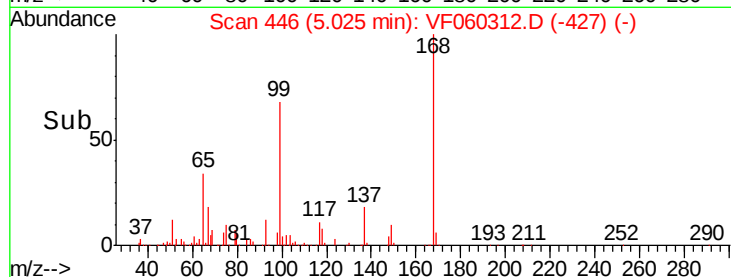
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.551 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060312.D

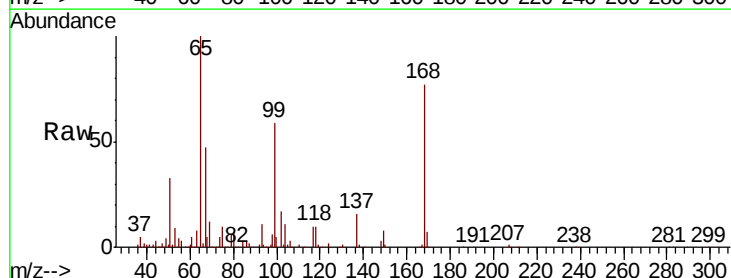
Acq: 21 Sep 2018 13:06

Tgt Ion: 65 Resp: 202711

Ion Ratio Lower Upper

65 100

67 47.0 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

80000

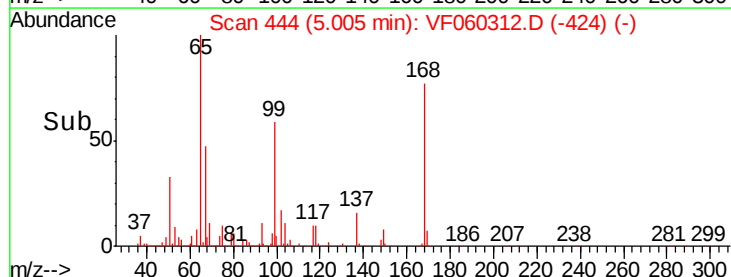
60000

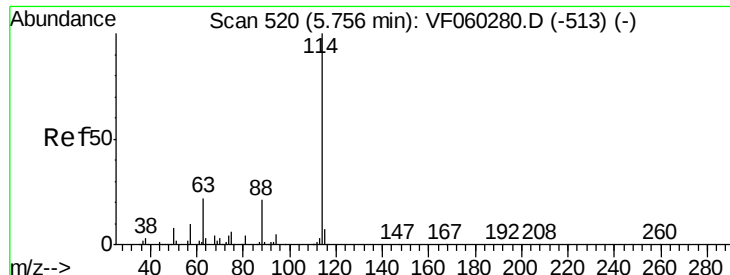
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 520

Delta R.T. -0.00 min

Lab File: VF060312.D

Acq: 21 Sep 2018 13:06

Instrument :

MSVOA_F

ClientSampleId :

VF0921SBL01

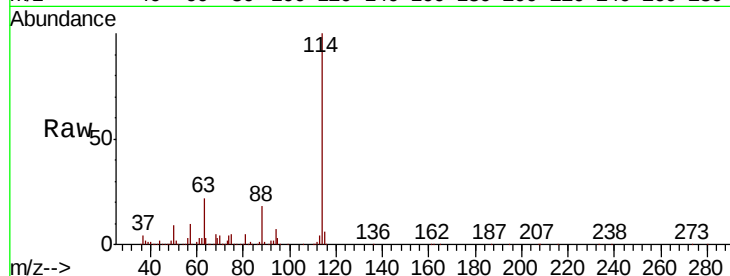
Tot Ion:114 Resp: 466208

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

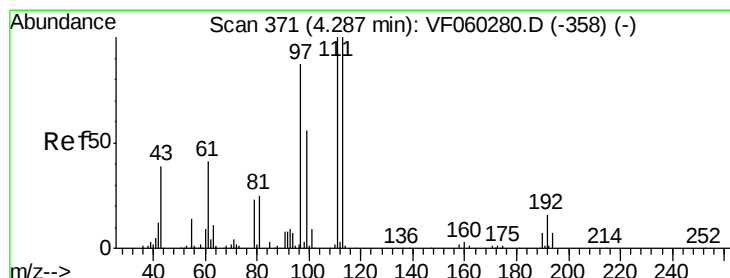
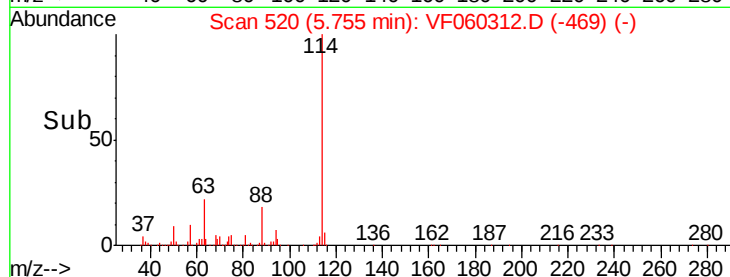
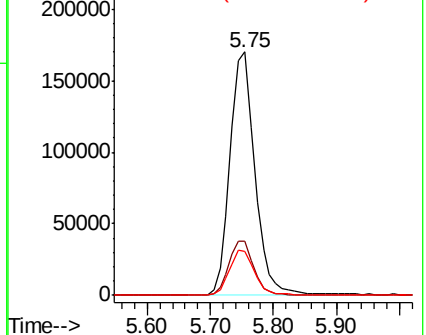
88 18.0 0.0 41.2



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: 52.889 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060312.D

Acq: 21 Sep 2018 13:06

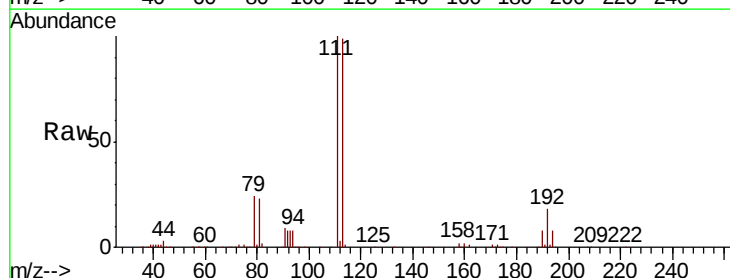
Tgt Ion:113 Resp: 219801

Ion Ratio Lower Upper

113 100

111 100.3 79.6 119.4

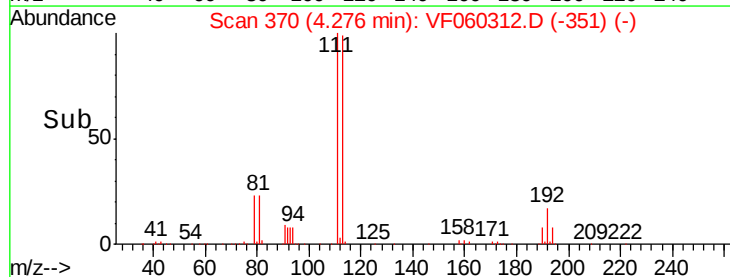
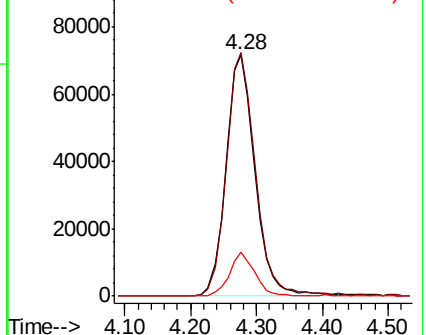
192 18.2 13.0 19.6

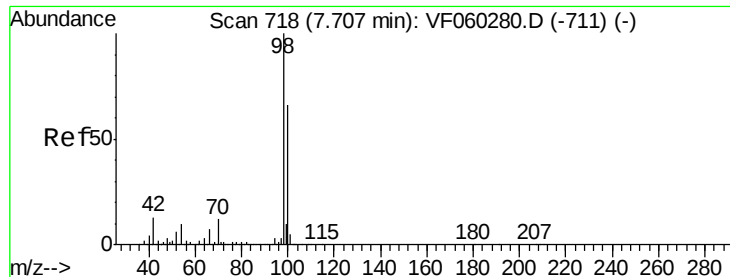


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

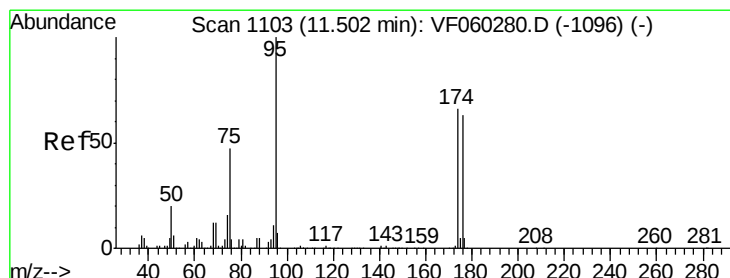
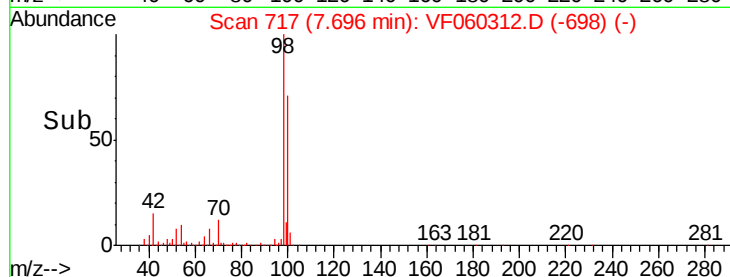
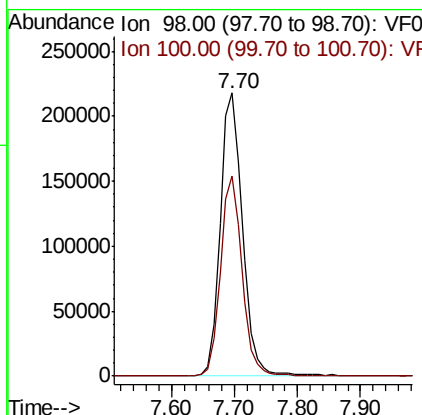
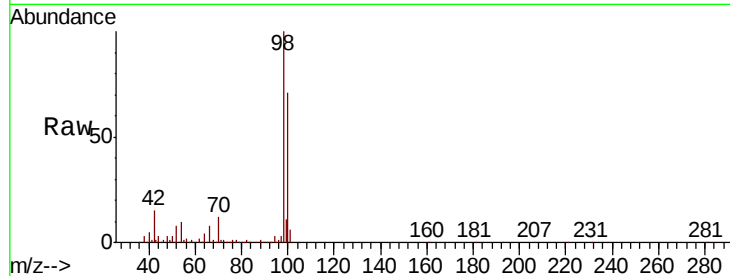




#50
Toluene-d8
Concen: 49.750 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060312.D
Acq: 21 Sep 2018 13:06

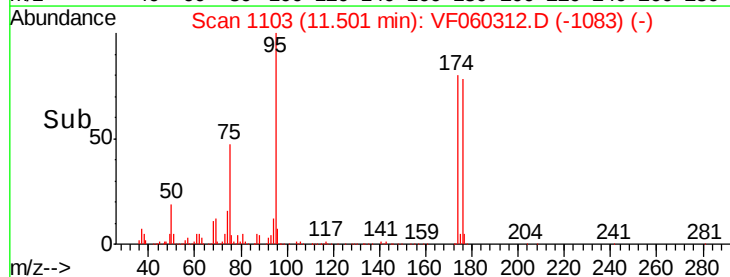
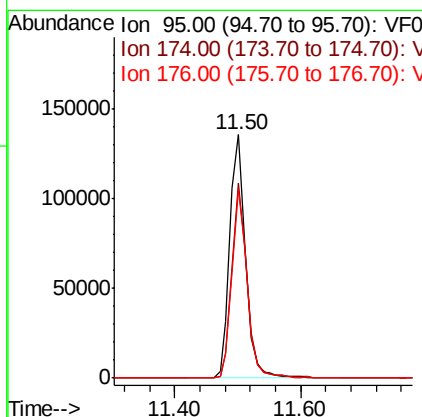
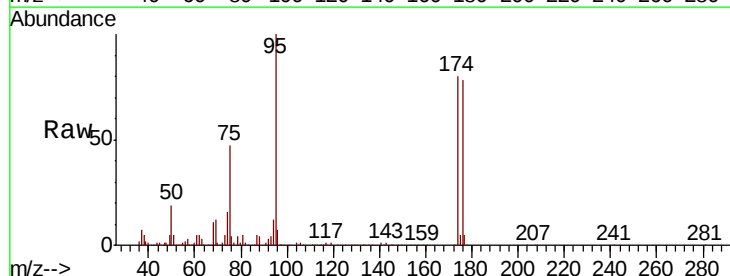
Instrument :
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VF0921SBL01

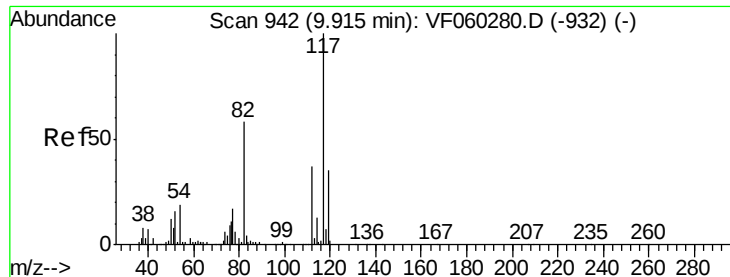
Tot Ion: 98 Resp: 538438
Ion Ratio Lower Upper
98 100
100 70.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 50.216 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VF060312.D
Acq: 21 Sep 2018 13:06

Tgt Ion: 95 Resp: 234930
Ion Ratio Lower Upper
95 100
174 79.9 0.0 131.2
176 77.6 0.0 126.6

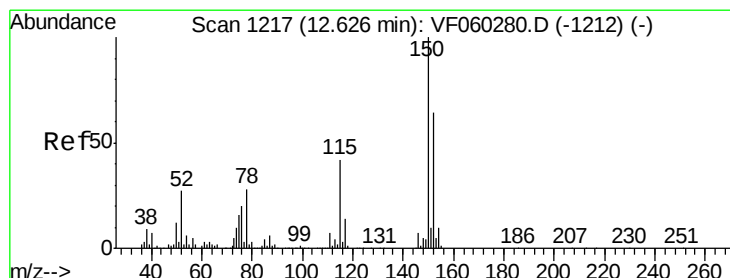
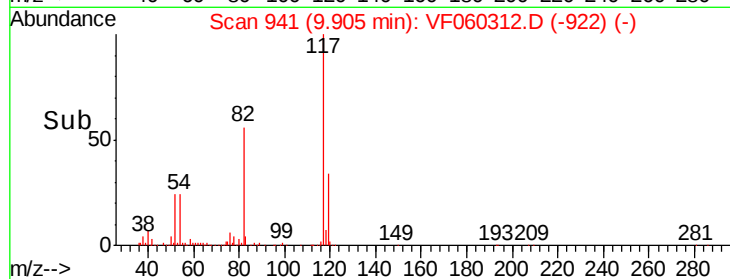
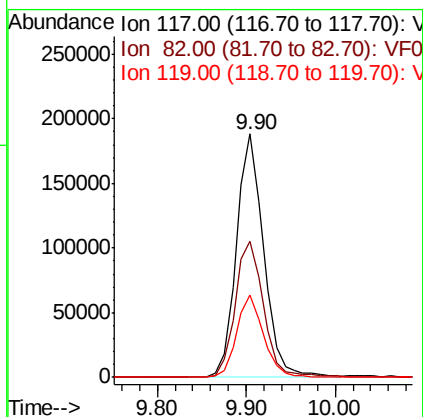
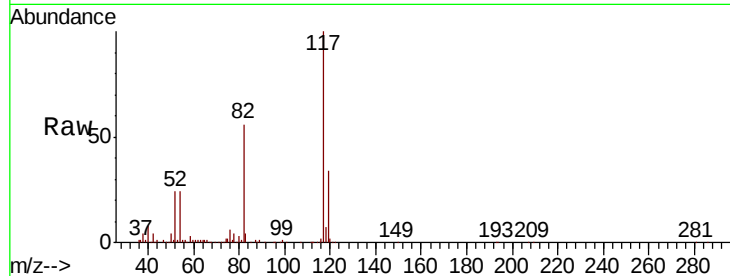




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060312.D
Acq: 21 Sep 2018 13:06

Instrument :
MSVOA_F
ClientSampleId :
VF0921SBL01

Tot Ion:117 Resp: 402090
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.2
119 33.7 27.8 41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060312.D
Acq: 21 Sep 2018 13:06

Tgt Ion:152 Resp: 222416
Ion Ratio Lower Upper
152 100
115 57.4 32.6 97.8
150 155.4 0.0 314.2

