

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059520.D
 Acq On : 18 Jul 2018 18:59
 Operator : VA/AP
 Sample : VF0718SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0718SBL01

Quant Time: Jul 19 05:12:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	282060	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.75	114	404543	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.91	117	399550	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	238769	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	219144	49.96	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	99.92%	
35) Dibromofluoromethane	4.27	113	191181	54.57	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	109.14%	
50) Toluene-d8	7.69	98	434242	49.20	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.50	95	231529	50.01	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	100.02%	

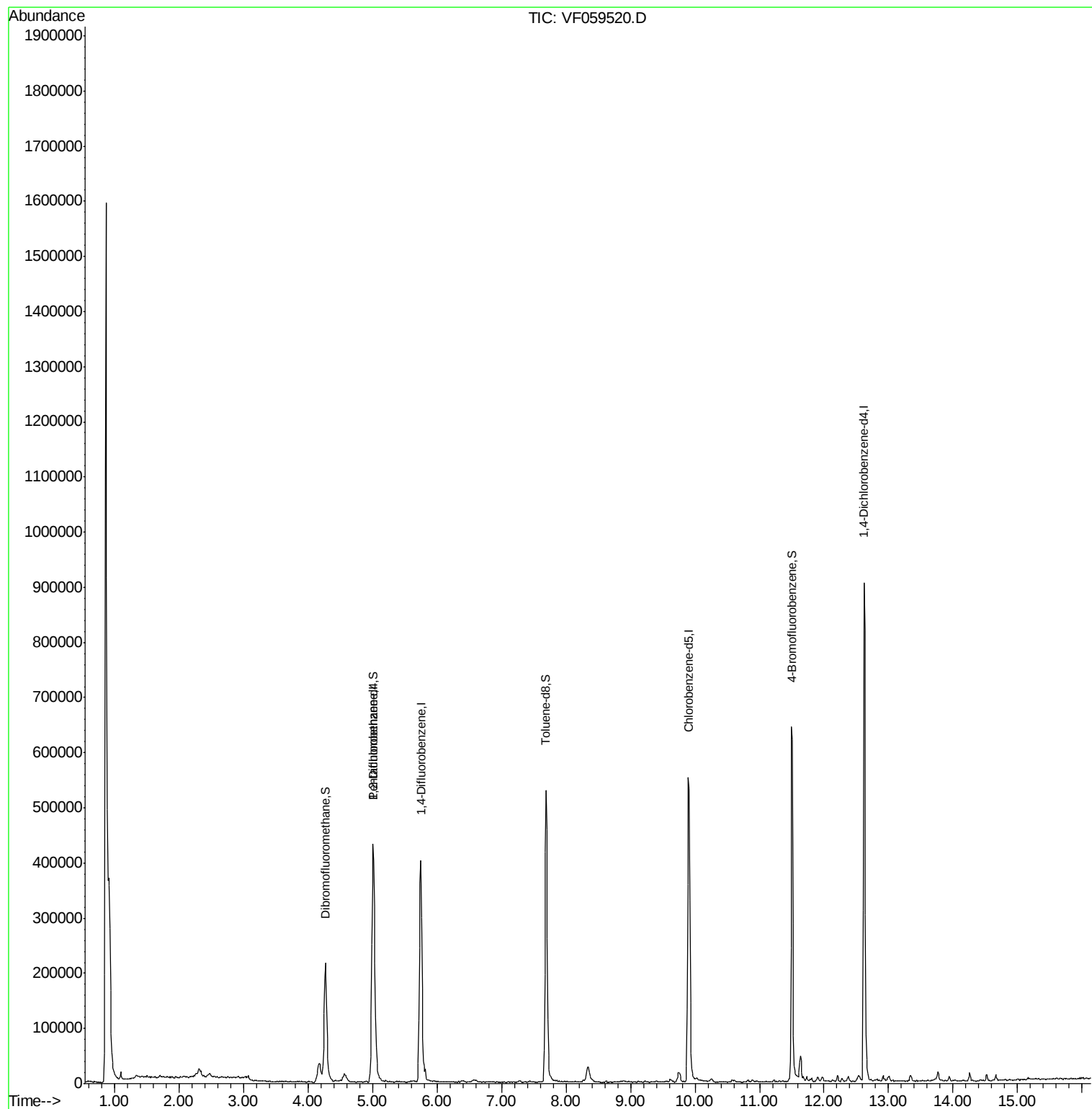
Target Compounds	Qvalue
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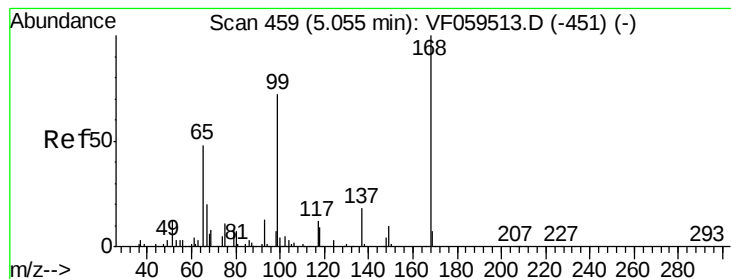
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071818\
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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.04 min

Lab File: VF059520.D

Acq: 18 Jul 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

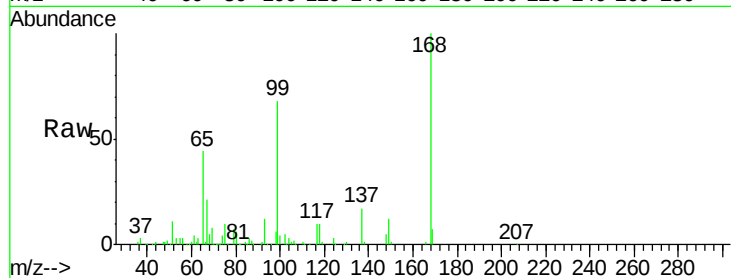
VF0718SBL01

Tot Ion:168 Resp: 282060

Ion Ratio Lower Upper

168 100

99 68.2 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

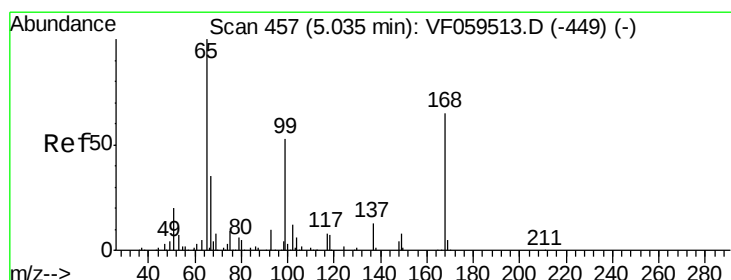
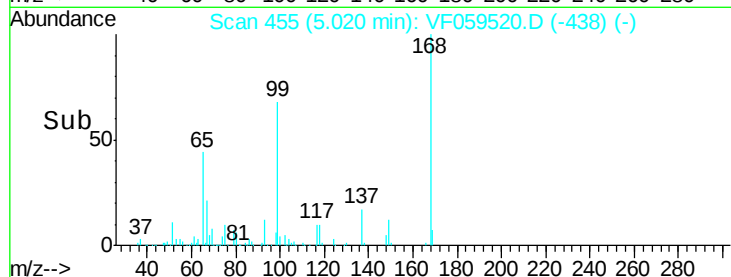
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.96 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.04 min

Lab File: VF059520.D

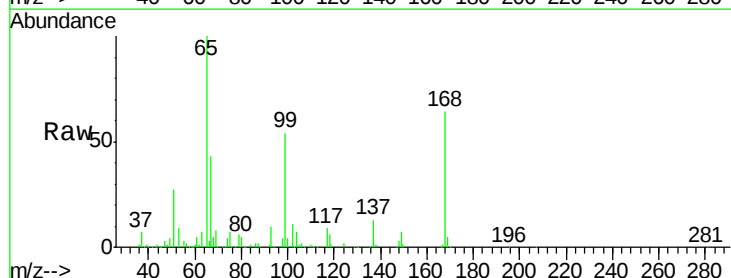
Acq: 18 Jul 2018 18:59

Tgt Ion: 65 Resp: 219144

Ion Ratio Lower Upper

65 100

67 42.6 0.0 91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

80000

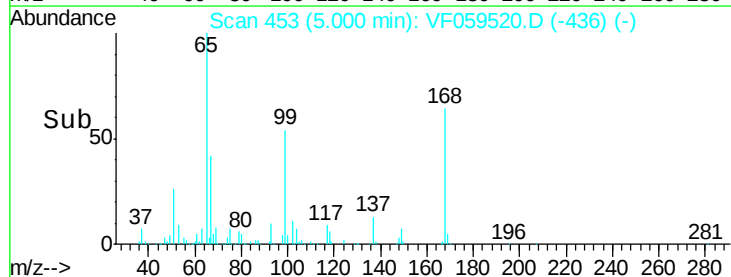
60000

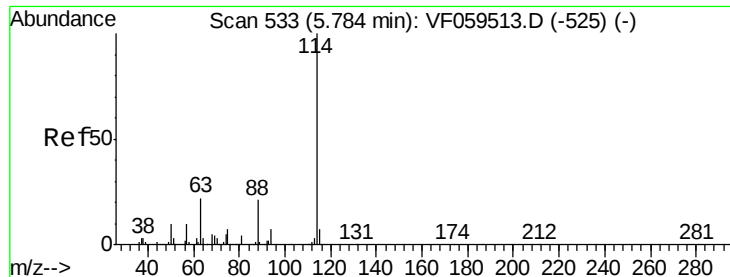
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.04 min

Lab File: VF059520.D

Acq: 18 Jul 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VF0718SBL01

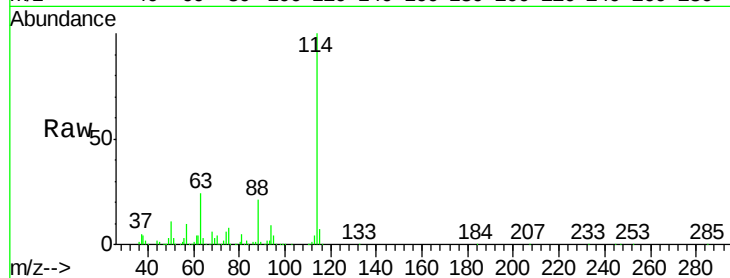
Tot Ion:114 Resp: 404543

Ion Ratio Lower Upper

114 100

63 24.2 0.0 44.8

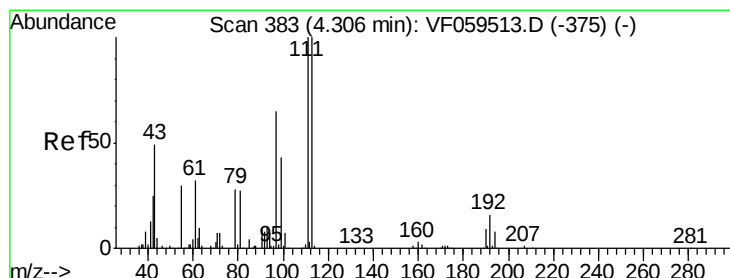
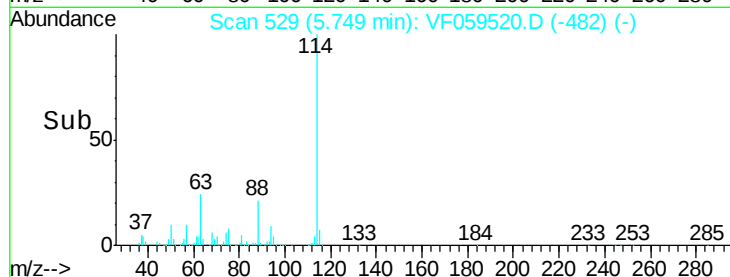
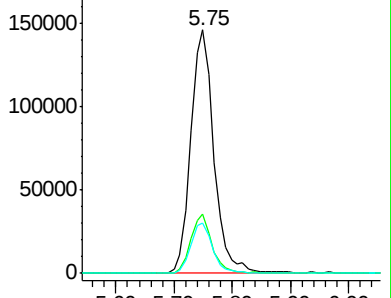
88 20.7 0.0 42.6



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: 54.57 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.04 min

Lab File: VF059520.D

Acq: 18 Jul 2018 18:59

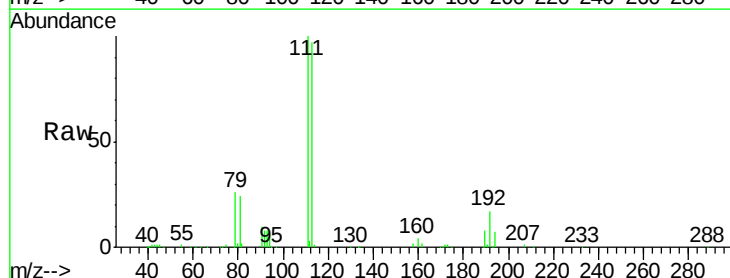
Tgt Ion:113 Resp: 191181

Ion Ratio Lower Upper

113 100

111 103.3 80.3 120.5

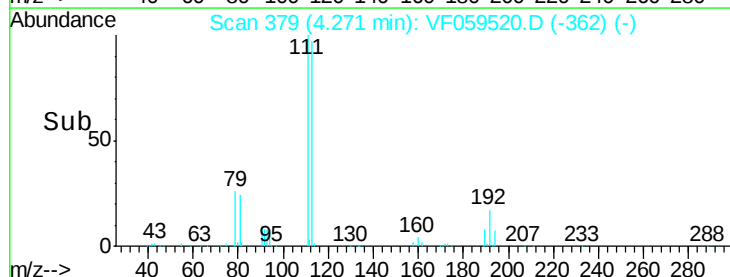
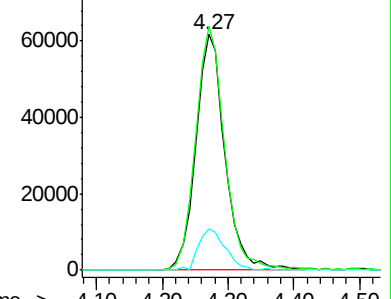
192 17.5 13.1 19.7

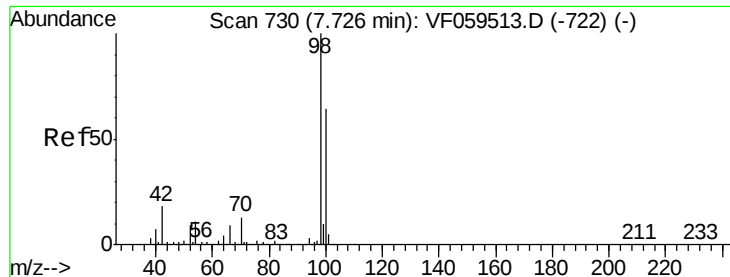


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

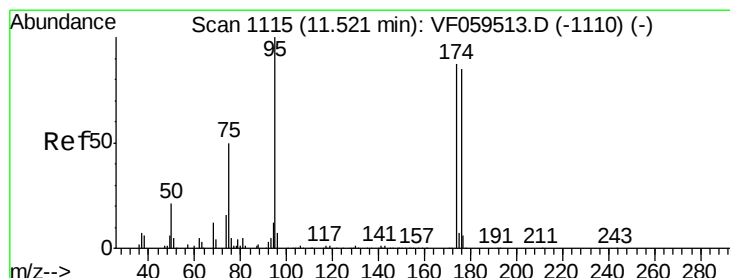
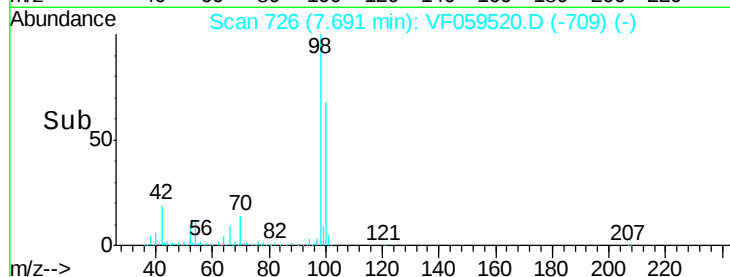
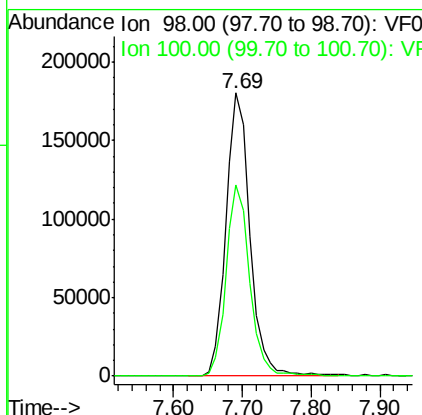
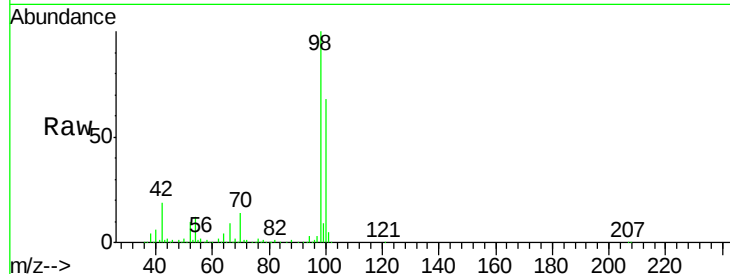




#50
Toluene-d8
Concen: 49.20 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.04 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

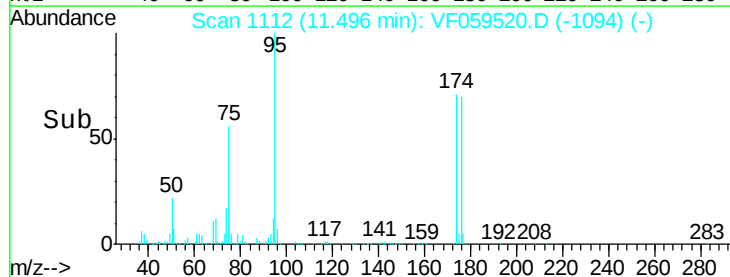
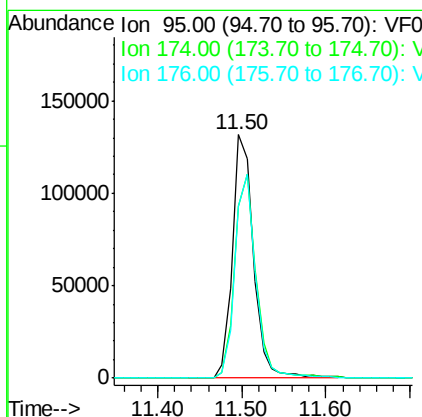
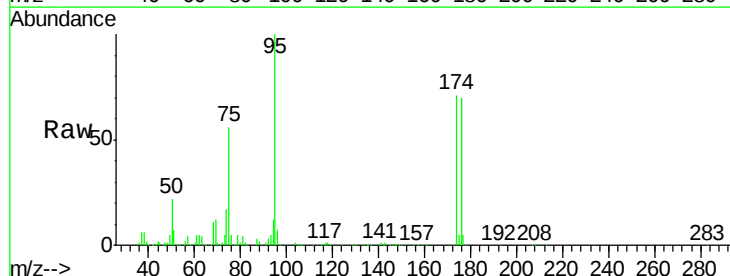
Instrument :
MSVOA_F
ClientSampleId :
VF0718SBL01

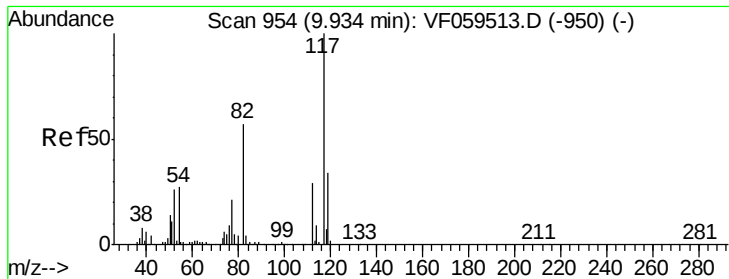
Tot Ion: 98 Resp: 434242
Ion Ratio Lower Upper
98 100
100 67.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.01 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion: 95 Resp: 231529
Ion Ratio Lower Upper
95 100
174 70.7 0.0 174.4
176 70.4 0.0 169.4

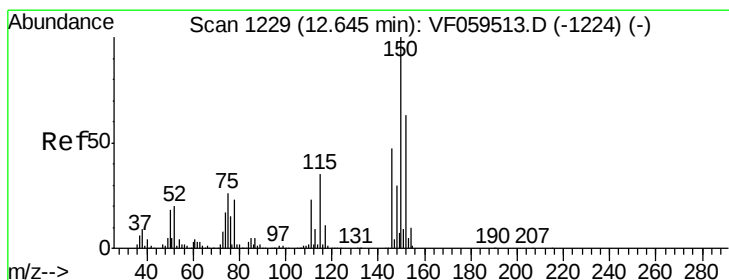
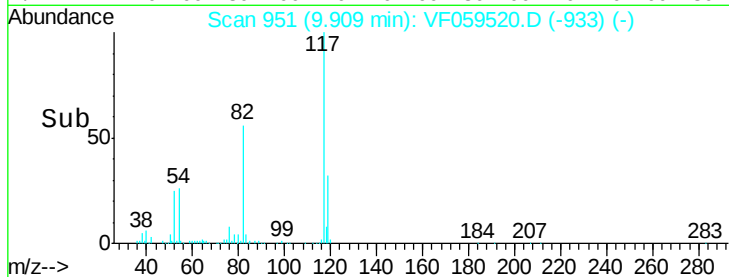
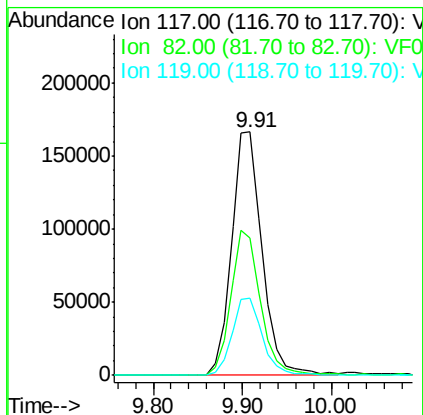
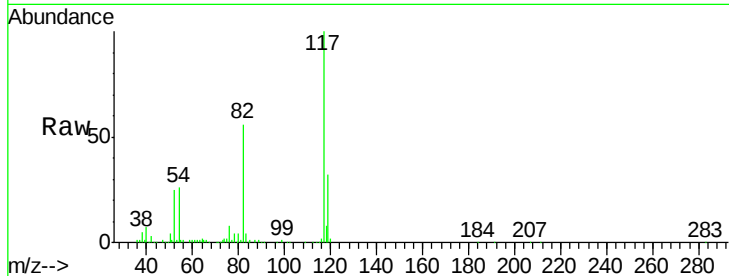




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VF0718SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.1	69.1
119	32.0	27.2	40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.8	83.3
150	152.2	0.0	318.4

