

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062618\
 Data File : VF059311.D
 Acq On : 26 Jun 2018 12:22
 Operator : VA/AP
 Sample : VF0626SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0626SBL01

Quant Time: Jun 27 02:42:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	312495	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	478745	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	489326	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	313069	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.99	65	191514	47.44	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	94.88%	
35) Dibromofluoromethane	4.27	113	173357	49.56	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.12%	
50) Toluene-d8	7.69	98	390551	45.09	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	90.18%	
62) 4-Bromofluorobenzene	11.49	95	239088	48.94	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	97.88%	

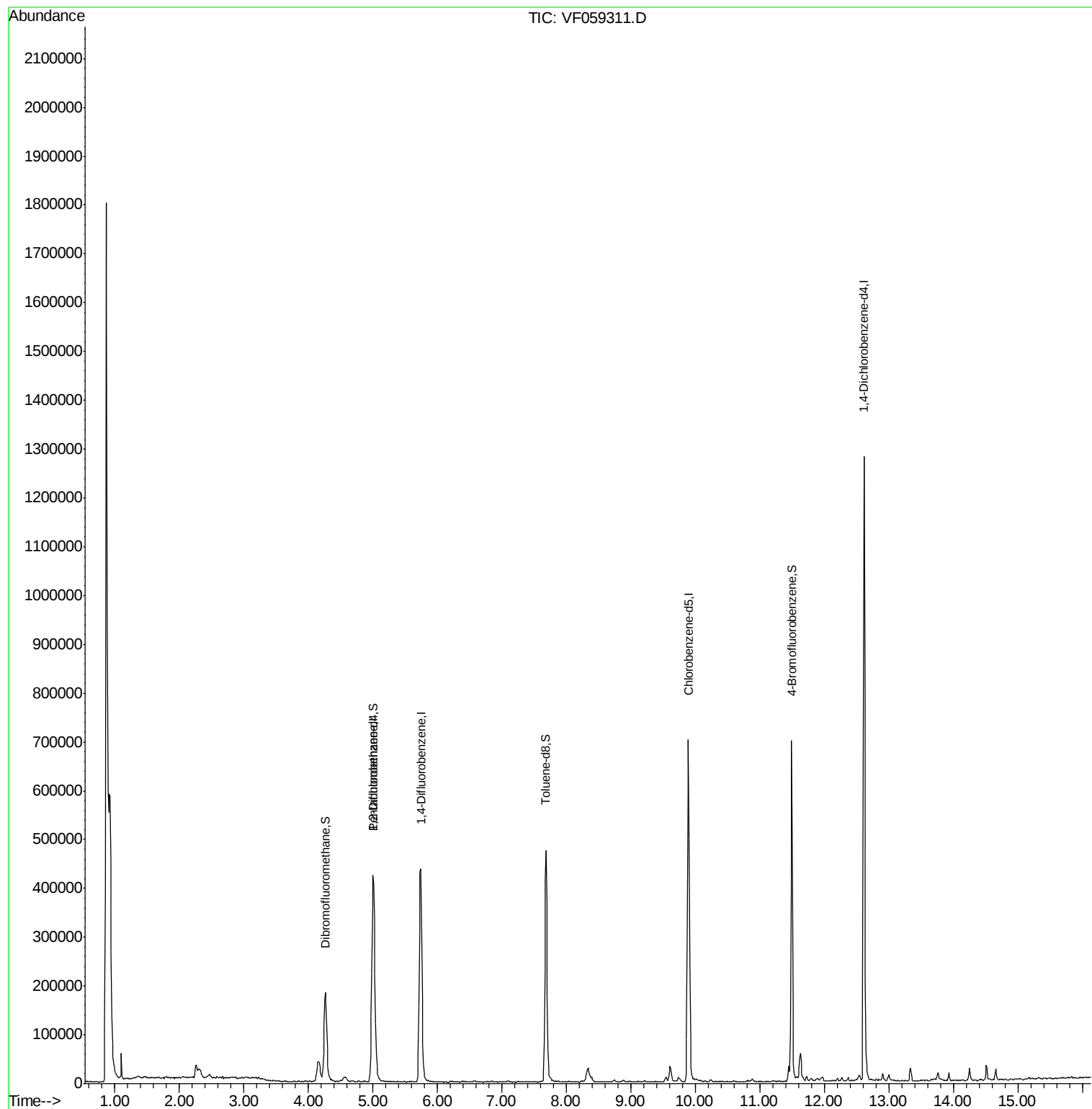
Target Compounds	Qvalue
------------------	--------

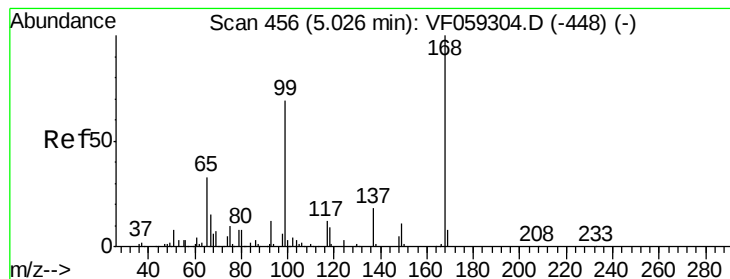
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062618\
Data File : VF059311.D
Acq On : 26 Jun 2018 12:22
Operator : VA/AP
Sample : VF0626SBL01
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0626SBL01

Quant Time: Jun 27 02:42:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059311.D

Acq: 26 Jun 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

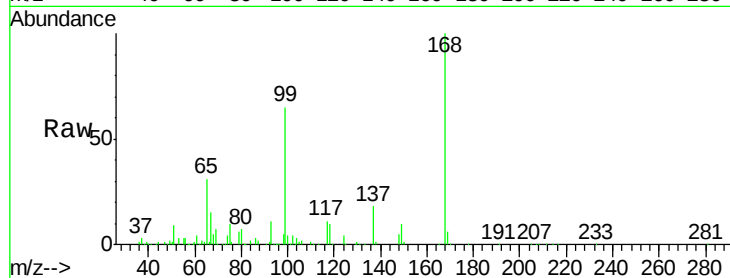
VF0626SBL01

Tot Ion:168 Resp: 312495

Ion Ratio Lower Upper

168 100

99 65.3 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

120000

100000

80000

60000

40000

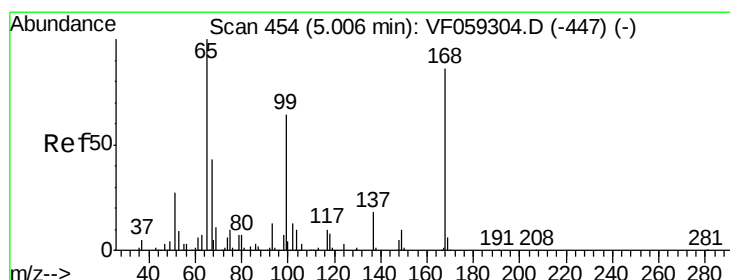
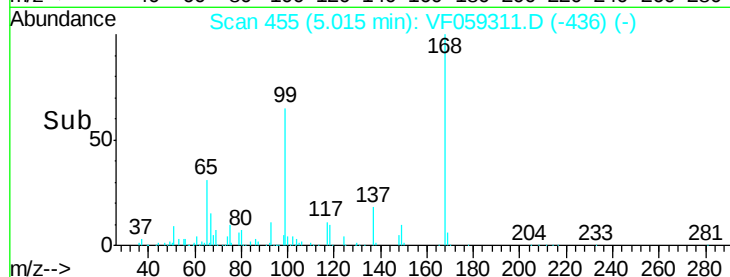
20000

0

5.01

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.44 ug/l

RT: 4.99 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059311.D

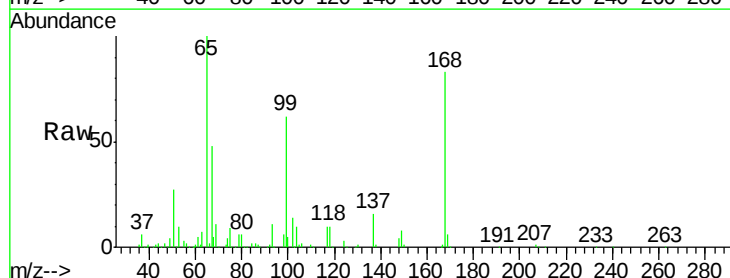
Acq: 26 Jun 2018 12:22

Tgt Ion: 65 Resp: 191514

Ion Ratio Lower Upper

65 100

67 48.0 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

80000

60000

40000

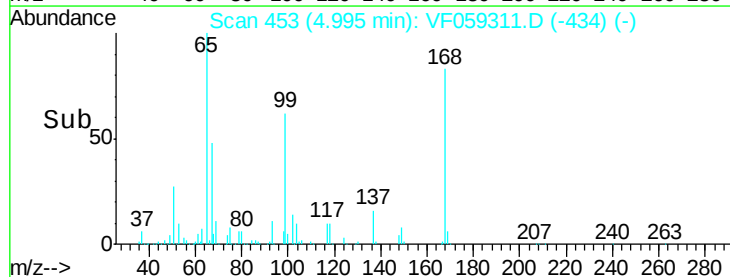
20000

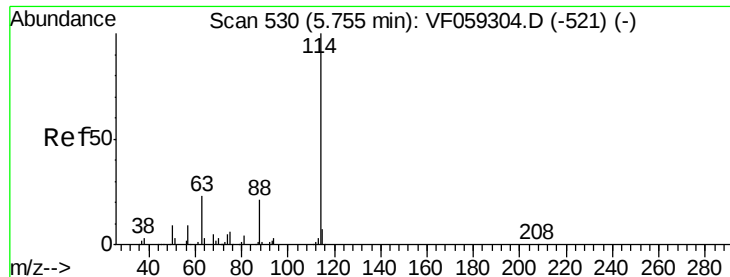
0

4.99

4.80 4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059311.D

Acq: 26 Jun 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF0626SBL01

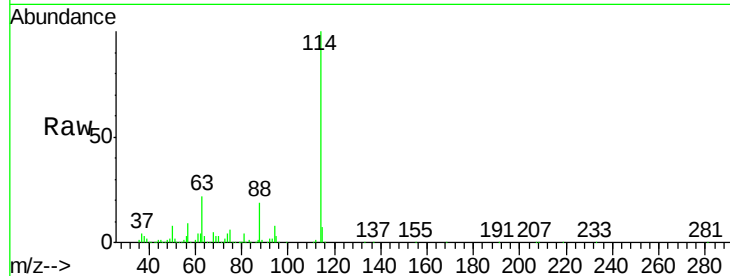
Tot Ion:114 Resp: 478745

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.8

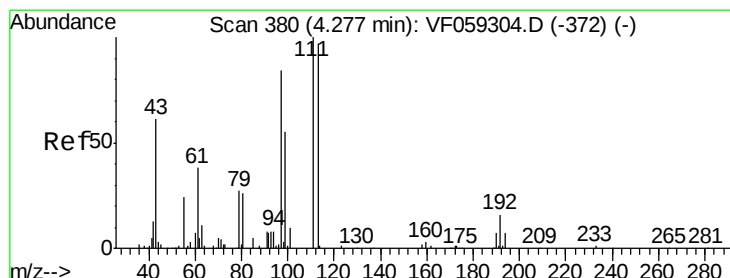
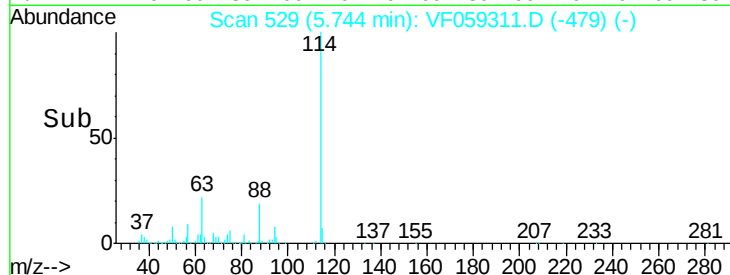
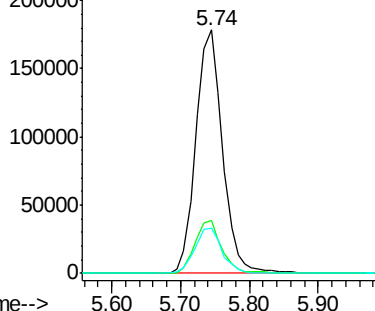
88 18.6 0.0 41.2



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: 49.56 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059311.D

Acq: 26 Jun 2018 12:22

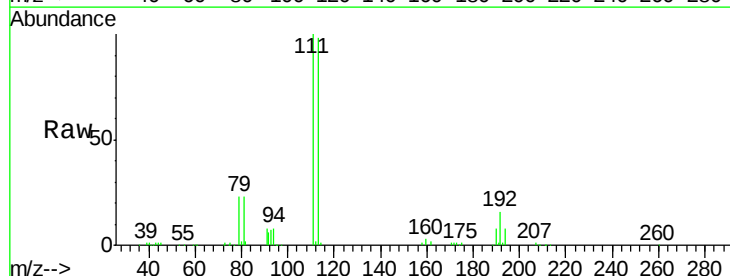
Tgt Ion:113 Resp: 173357

Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

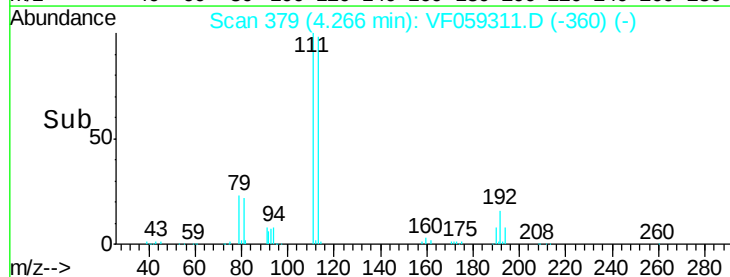
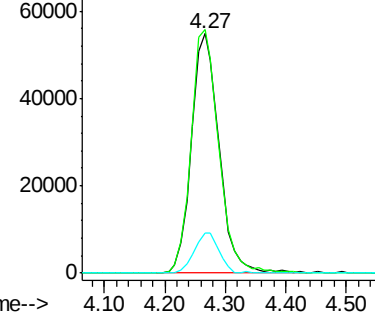
192 16.7 13.0 19.6



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: 45.09 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059311.D

Acq: 26 Jun 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

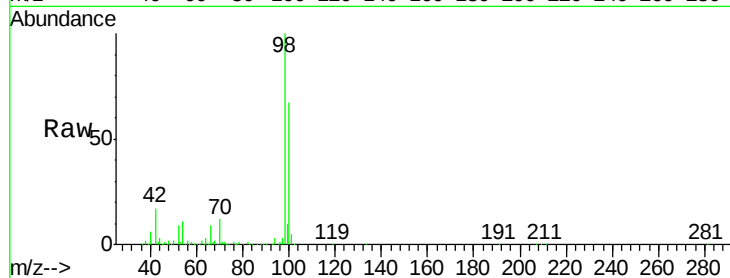
VF0626SBL01

Tot Ion: 98 Resp: 390551

Ion Ratio Lower Upper

98 100

100 67.0 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.69

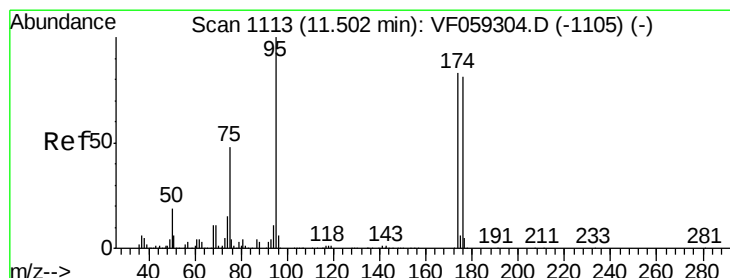
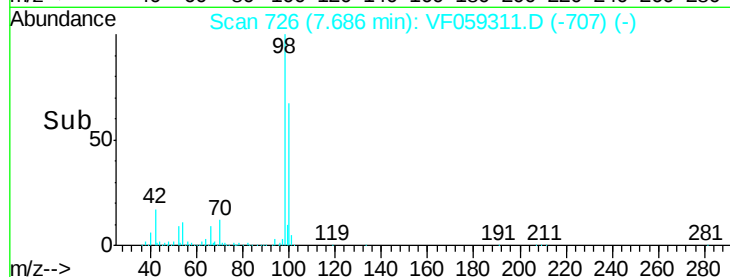
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 48.94 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059311.D

Acq: 26 Jun 2018 12:22

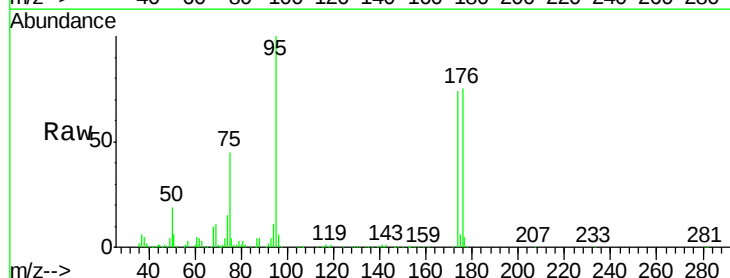
Tgt Ion: 95 Resp: 239088

Ion Ratio Lower Upper

95 100

174 73.9 0.0 165.2

176 74.6 0.0 161.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

200000

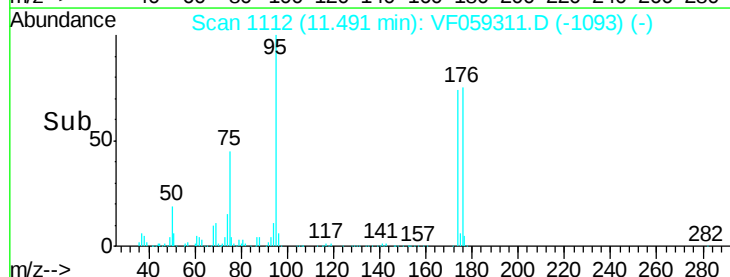
150000

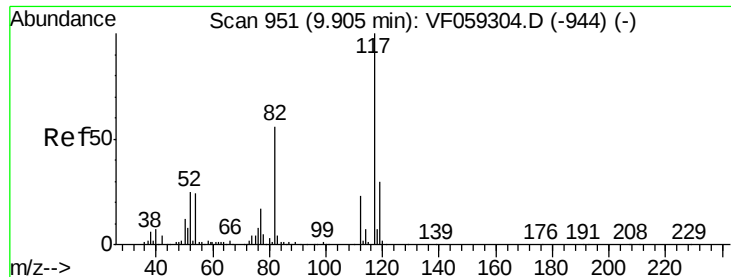
100000

50000

0

Time--> 11.40 11.50 11.60

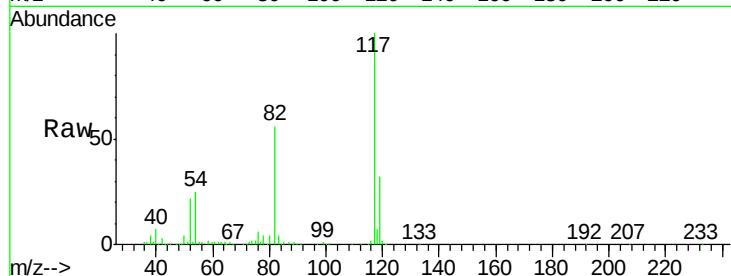




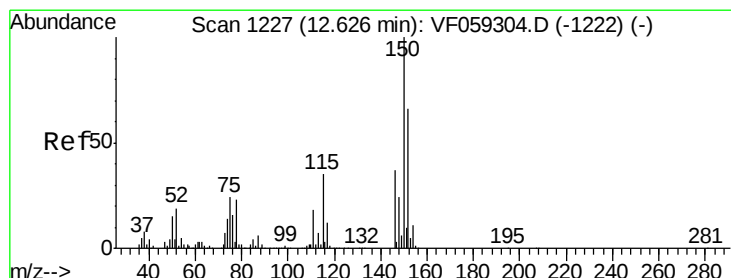
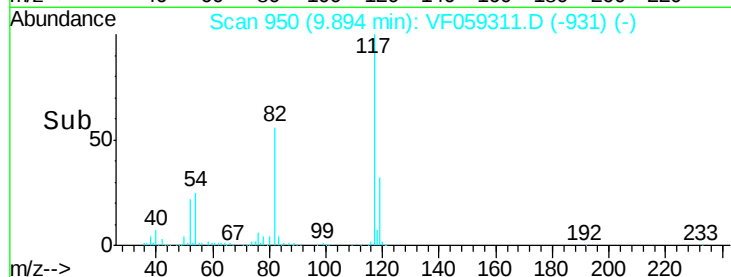
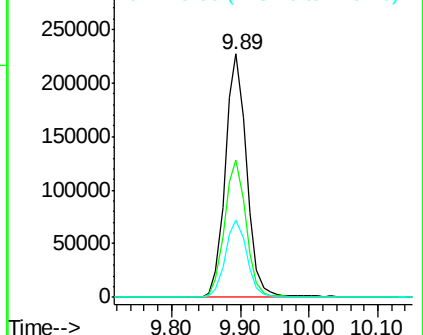
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF0626SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.6	66.8
119	31.8	24.1	36.1

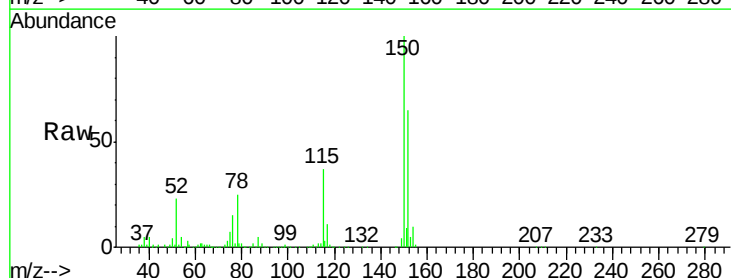


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.1	81.3
150	154.8	0.0	305.2



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

