

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061019\
 Data File : VF062917.D
 Acq On : 10 Jun 2019 20:17
 Operator : FY/SY
 Sample : K3273-09
 Misc : 4.62g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2 1.0-1.5 060719

Quant Time: Jun 11 02:09:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	713786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1195998	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	864175	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	417194	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	221821	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
35) Dibromofluoromethane	4.32	113	419647	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	7.72	98	848704	37.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.28%	
62) 4-Bromofluorobenzene	11.50	95	329287	40.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.12%	

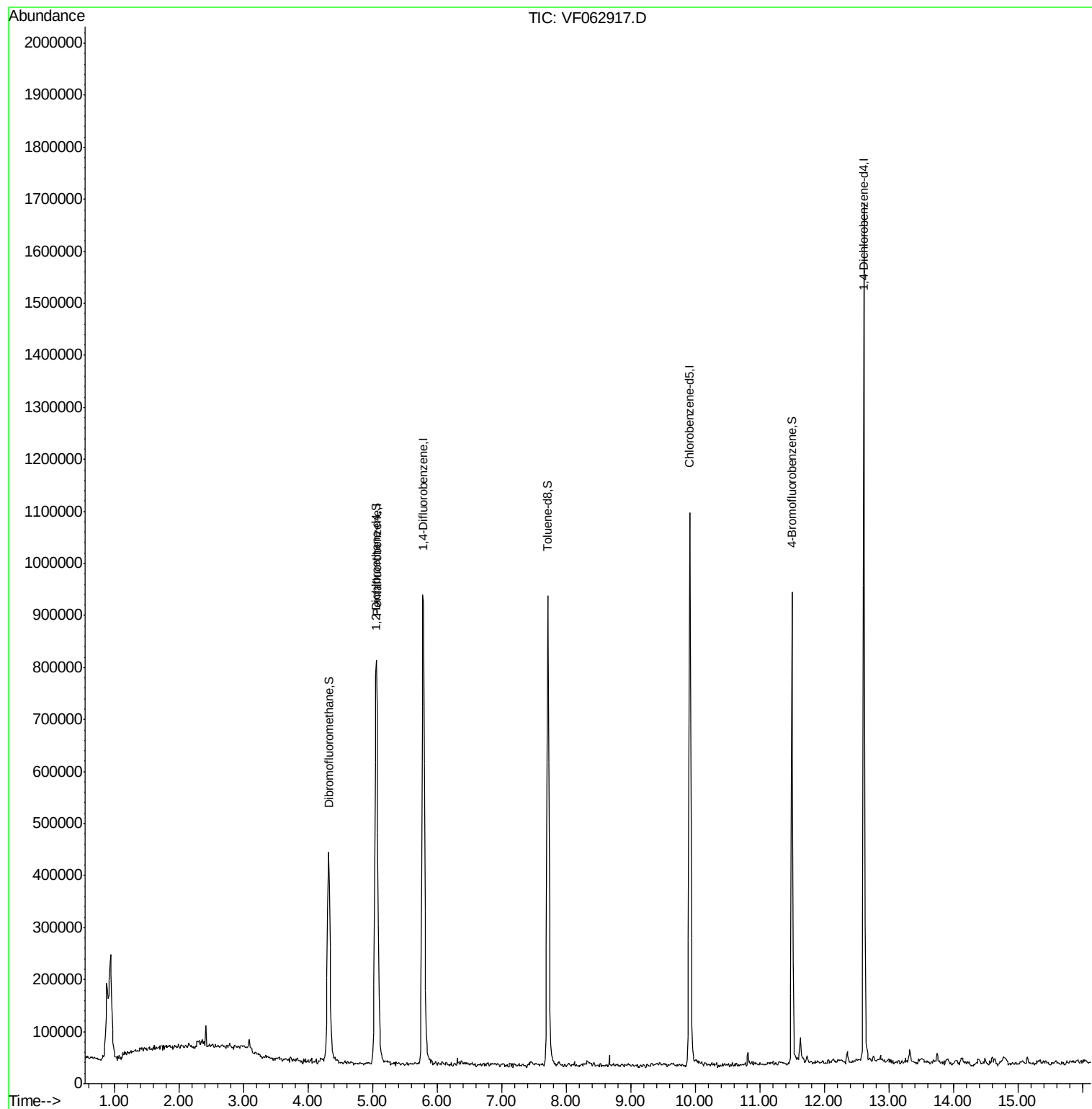
Target Compounds	Qvalue
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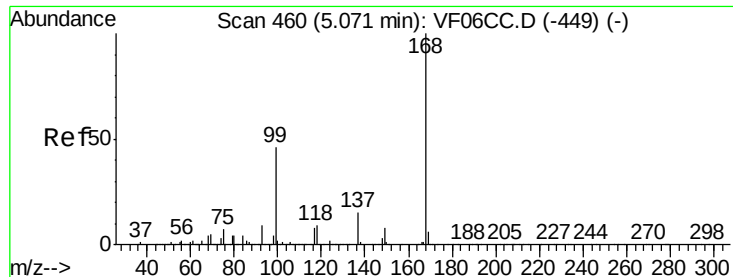
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_F
ClientSampleId :
SB-2_1.0-1.5_060719

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062917.D

Acq: 10 Jun 2019 20:17

Instrument :

MSVOA_F

ClientSampleId :

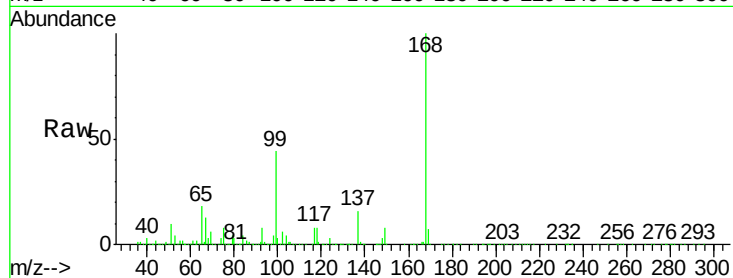
SB-2_1.0-1.5_060719

Tot Ion:168 Resp: 713786

Ion Ratio Lower Upper

168 100

99 43.9 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

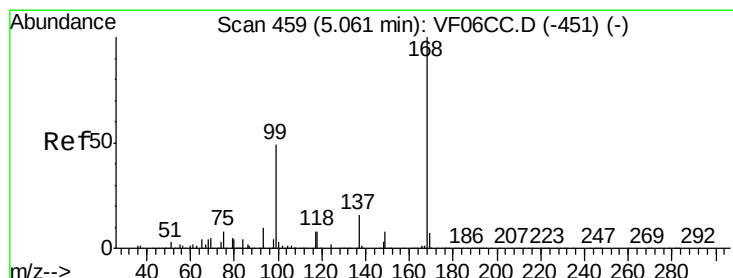
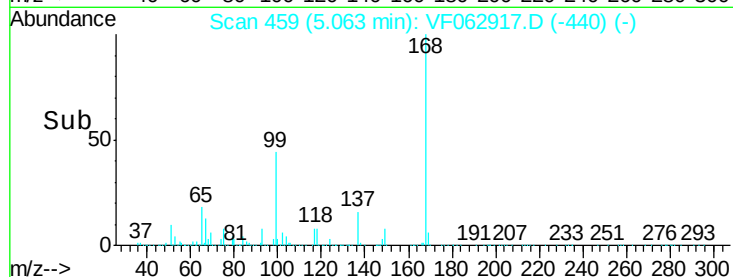
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.941 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF062917.D

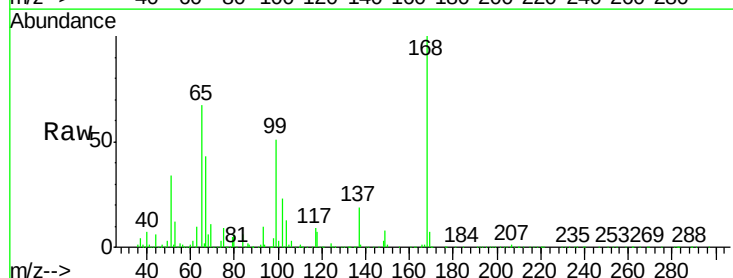
Acq: 10 Jun 2019 20:17

Tgt Ion: 65 Resp: 221821

Ion Ratio Lower Upper

65 100

67 63.7 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.04

80000

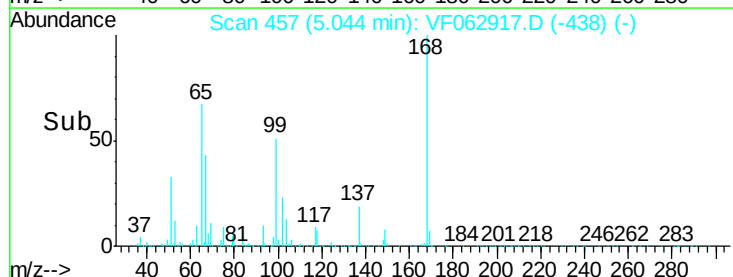
60000

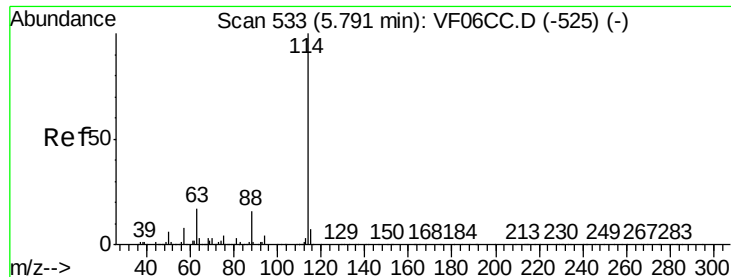
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.02 min

Lab File: VF062917.D

Acq: 10 Jun 2019 20:17

Instrument :

MSVOA_F

ClientSampleId :

SB-2 1.0-1.5 060719

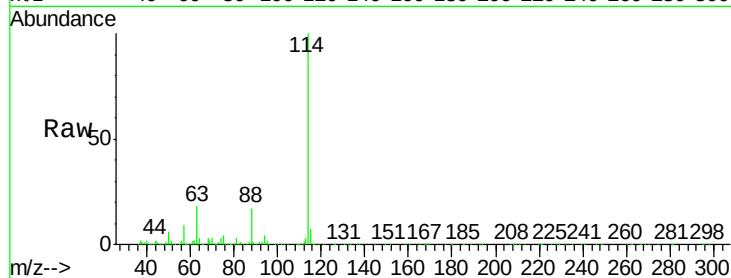
Tot Ion:114 Resp: 1195998

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.2

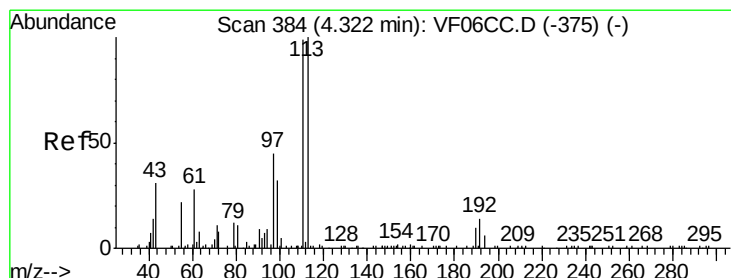
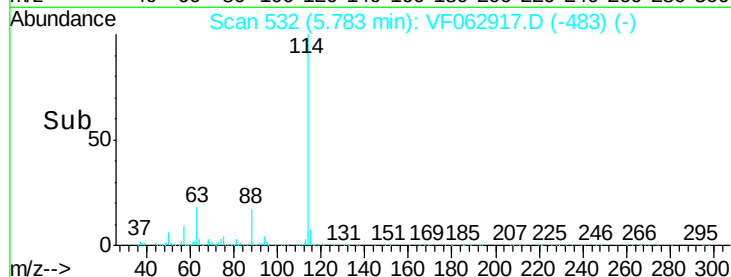
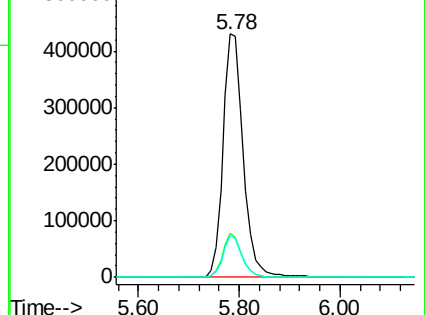
88 16.8 0.0 31.2



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: 46.434 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VF062917.D

Acq: 10 Jun 2019 20:17

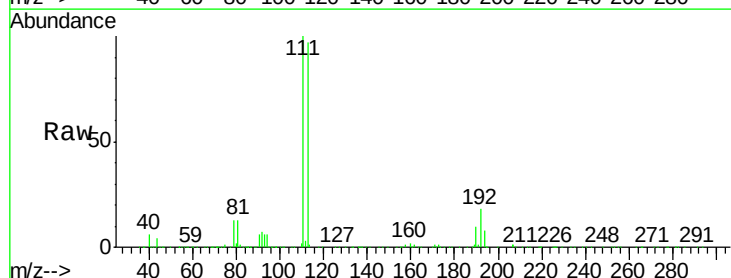
Tgt Ion:113 Resp: 419647

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

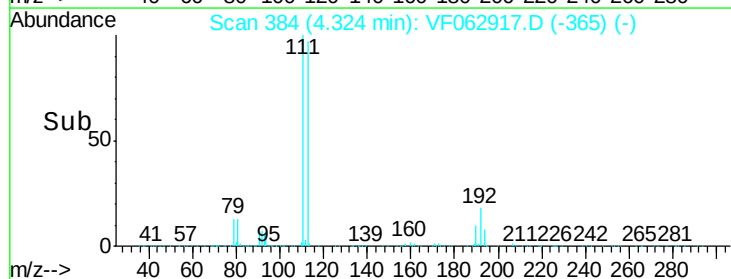
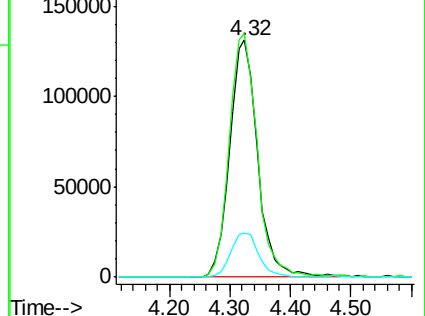
192 18.3 15.1 22.7

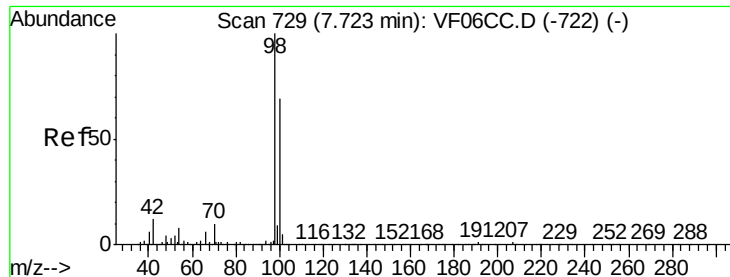


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

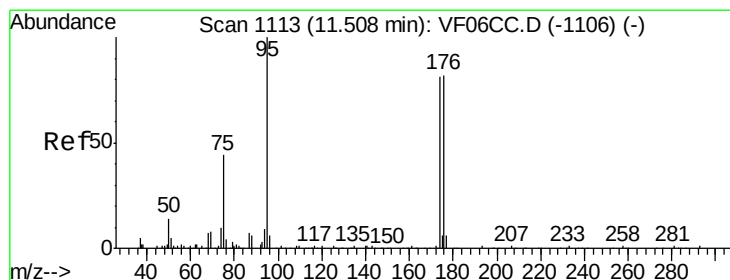
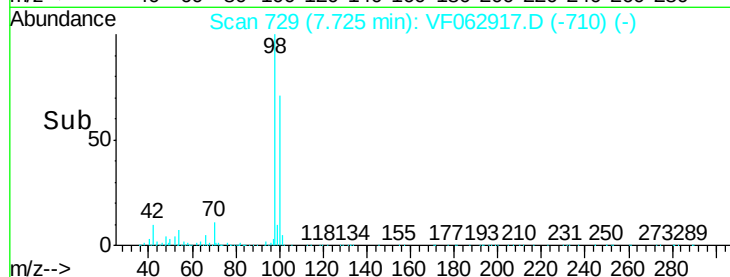
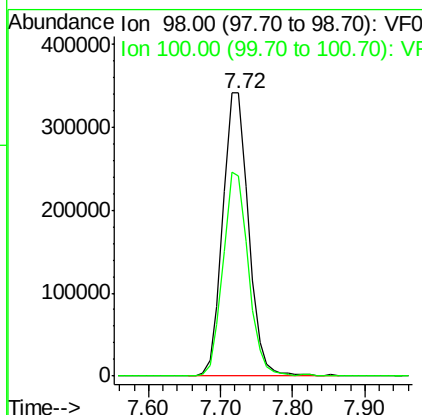
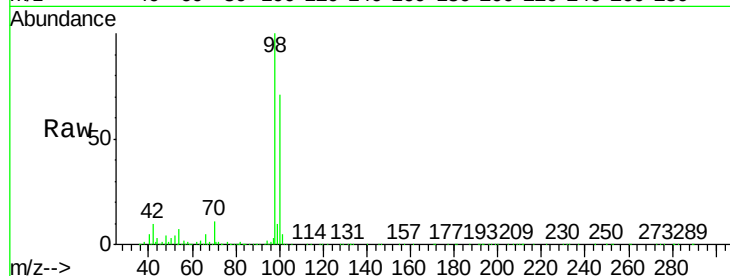




#50
Toluene-d8
Concen: 37.136 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.01 min
Lab File: VF062917.D
Acq: 10 Jun 2019 20:17

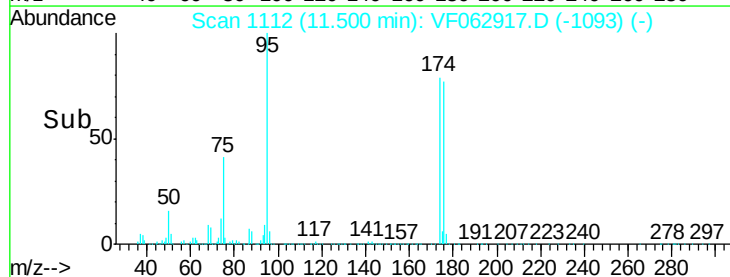
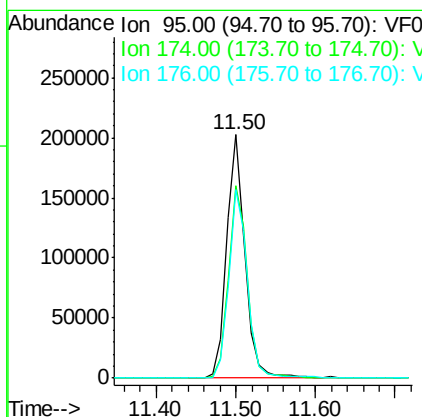
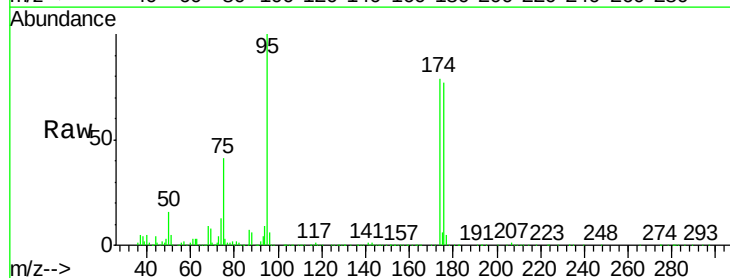
Instrument :
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ClientSampleId :
SB-2_1.0-1.5_060719

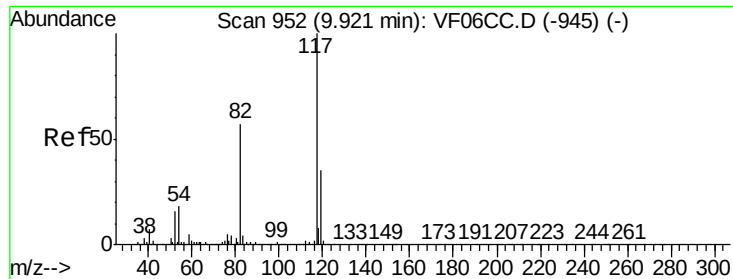
Tot Ion: 98 Resp: 848704
Ion Ratio Lower Upper
98 100
100 70.8 59.8 89.8



#62
4-Bromofluorobenzene
Concen: 40.055 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062917.D
Acq: 10 Jun 2019 20:17

Tgt Ion: 95 Resp: 329287
Ion Ratio Lower Upper
95 100
174 78.8 0.0 170.6
176 77.3 0.0 170.6

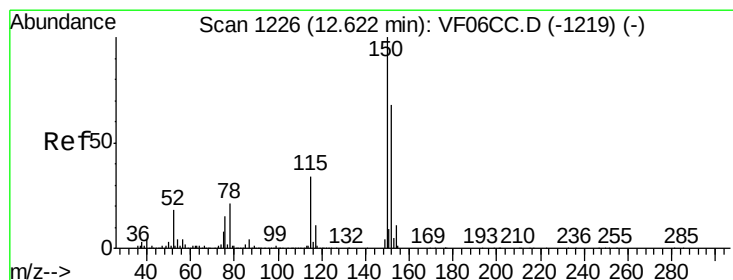
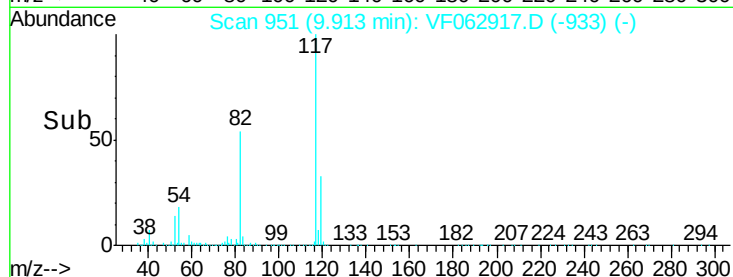
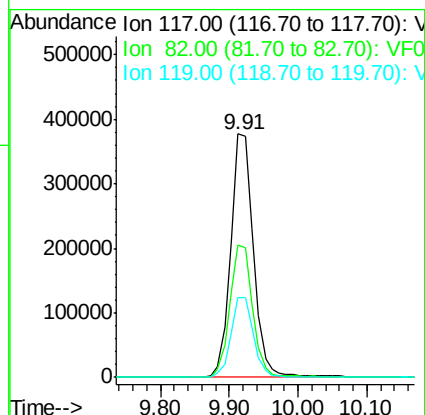
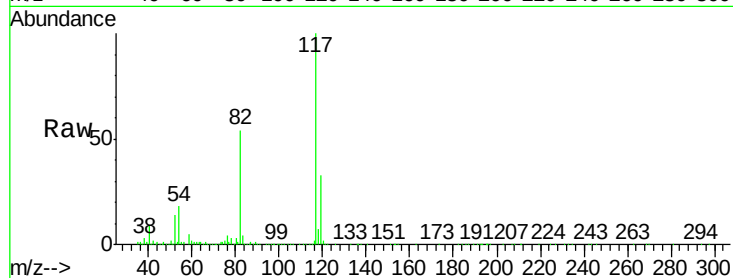




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF062917.D
Acq: 10 Jun 2019 20:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2_1.0-1.5_060719

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.4	63.6
119	32.6	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062917.D
Acq: 10 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	24.6	74.0
150	149.1	0.0	290.6

