

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061019\
 Data File : VF062915.D
 Acq On : 10 Jun 2019 19:21
 Operator : FY/SY
 Sample : K3273-08
 Misc : 4.60q/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-5 9.5-10.0 060719

Quant Time: Jun 11 02:05:39 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	609575	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.79	114	1037150	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	764602	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	373448	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	218454	51.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	4.32	113	417275	53.24	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.48%	
50) Toluene-d8	7.71	98	858300	43.31	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.62%	
62) 4-Bromofluorobenzene	11.50	95	343526	48.19	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.38%	

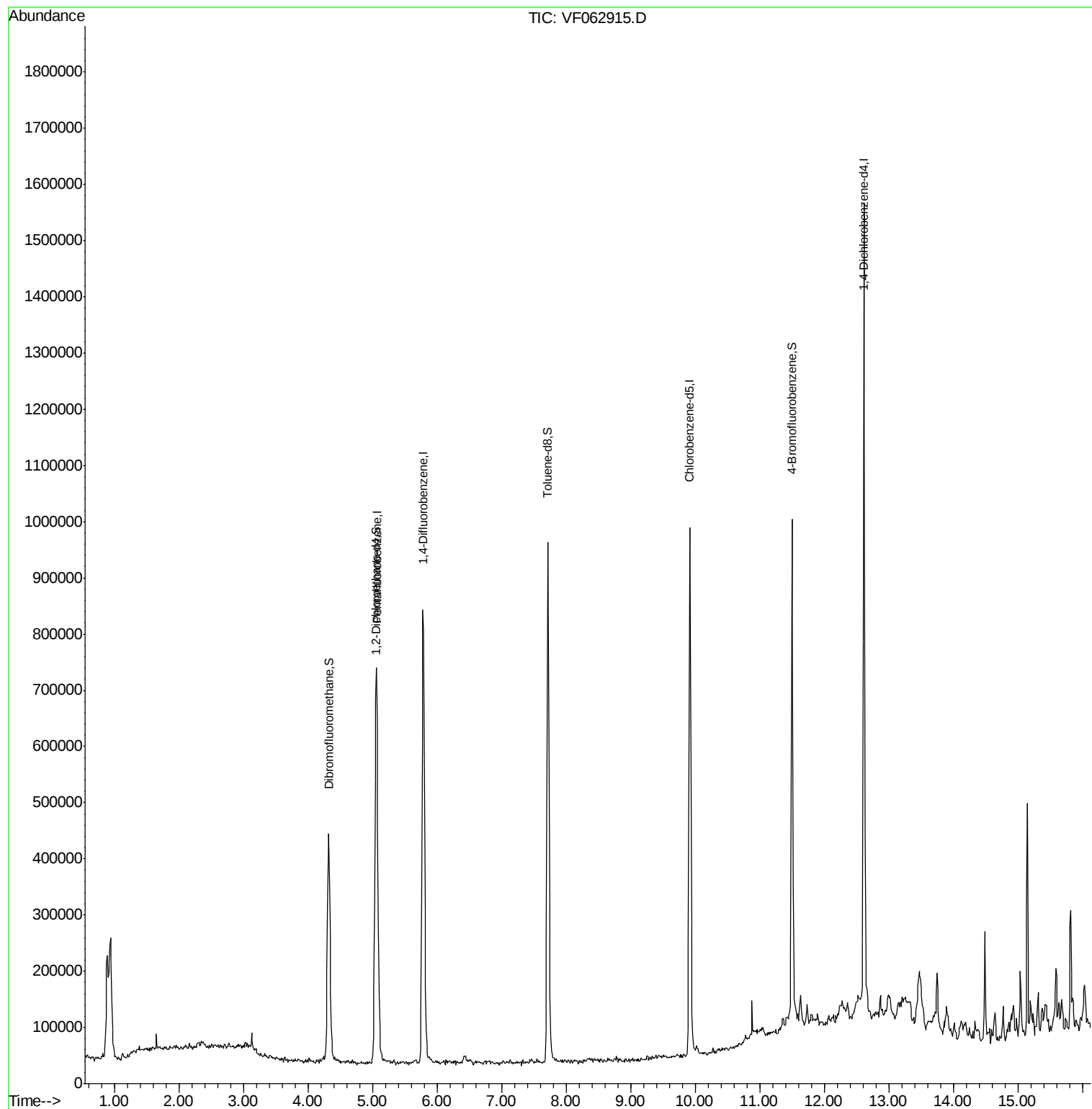
Target Compounds	Qvalue
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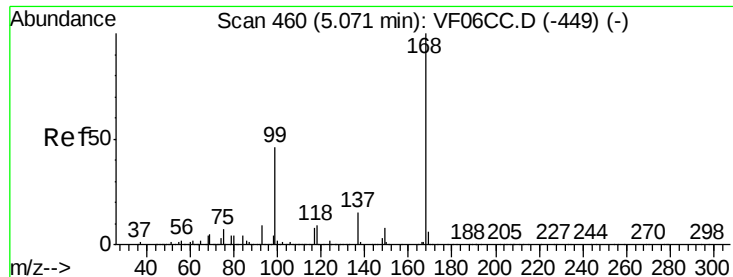
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062915.D

Acq: 10 Jun 2019 19:21

Instrument :

MSVOA_F

ClientSampleId :

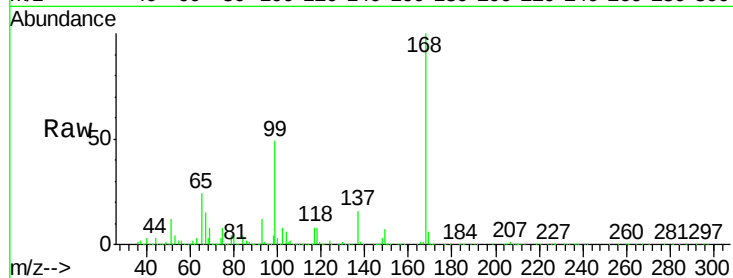
SB-5 9.5-10.0 060719

Tot Ion:168 Resp: 609575

Ion Ratio Lower Upper

168 100

99 48.9 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

200000

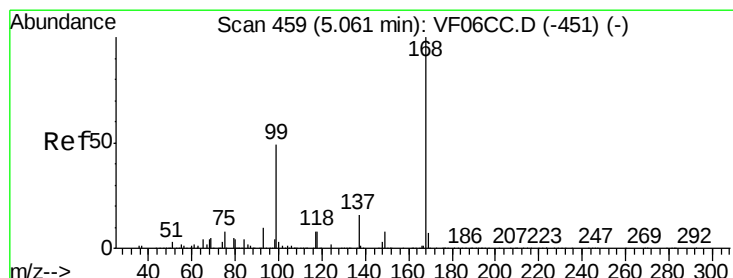
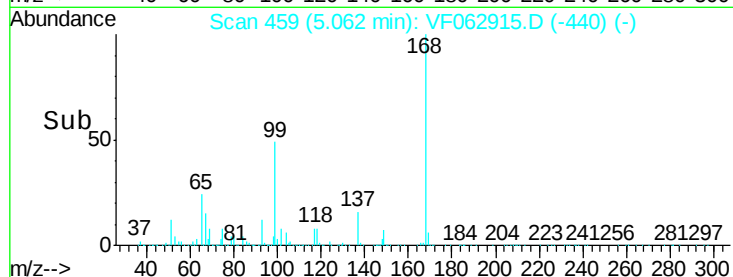
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.825 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF062915.D

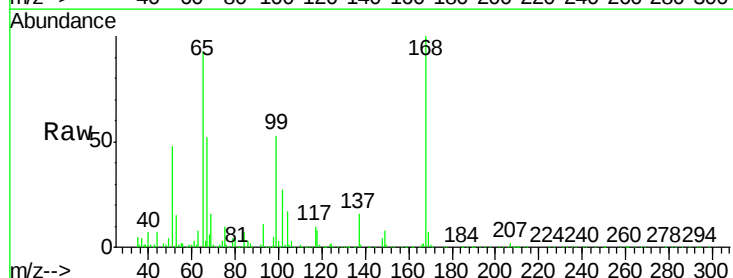
Acq: 10 Jun 2019 19:21

Tgt Ion: 65 Resp: 218454

Ion Ratio Lower Upper

65 100

67 56.4 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

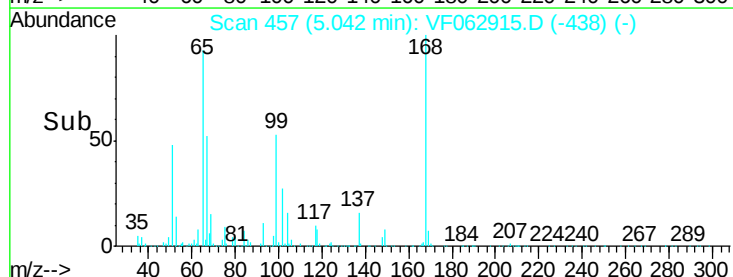
60000

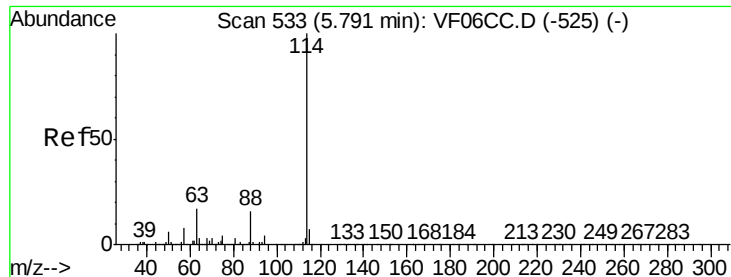
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.01 min

Lab File: VF062915.D

Acq: 10 Jun 2019 19:21

Instrument :

MSVOA_F

ClientSampleId :

SB-5 9.5-10.0 060719

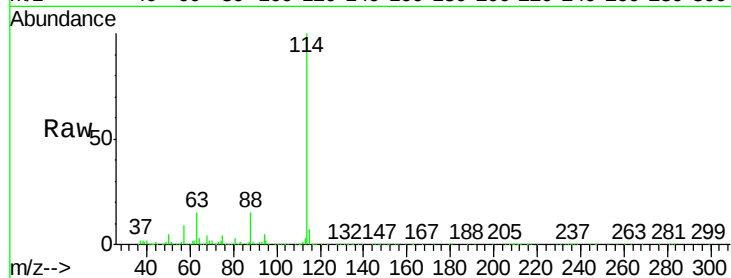
Tot Ion:114 Resp: 1037150

Ion Ratio Lower Upper

114 100

63 14.8 0.0 34.2

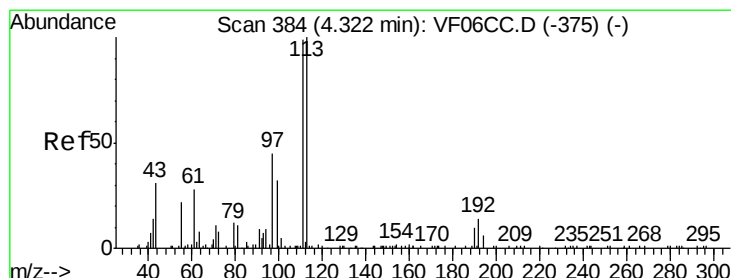
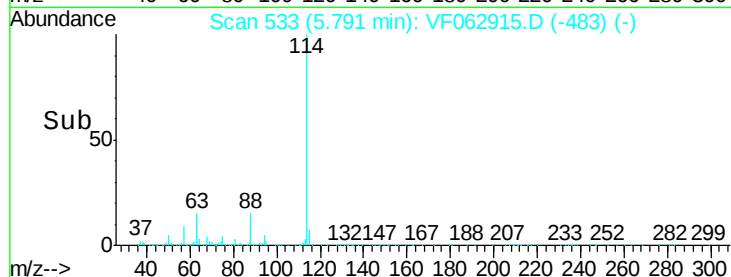
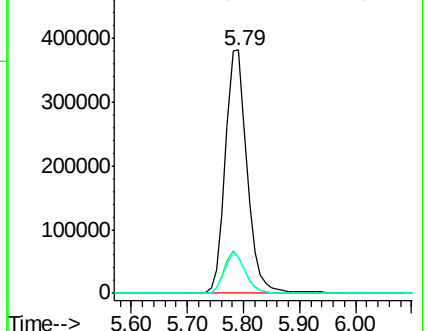
88 15.1 0.0 31.2



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: 53.243 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VF062915.D

Acq: 10 Jun 2019 19:21

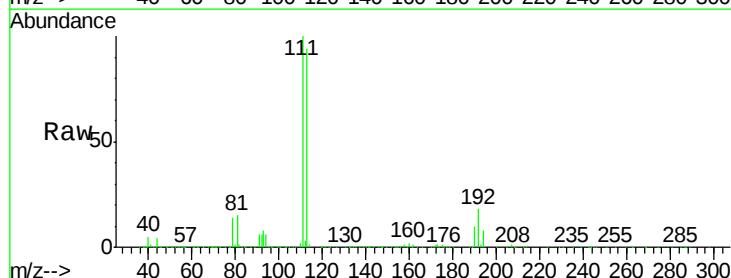
Tgt Ion:113 Resp: 417275

Ion Ratio Lower Upper

113 100

111 106.5 81.9 122.9

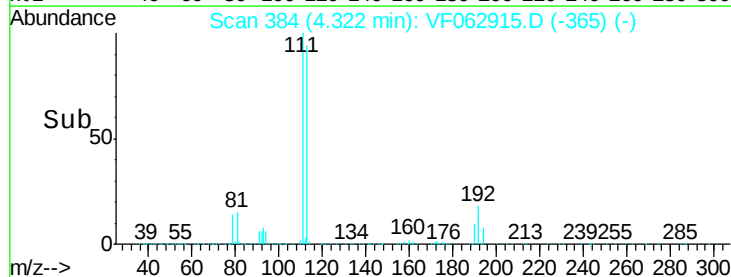
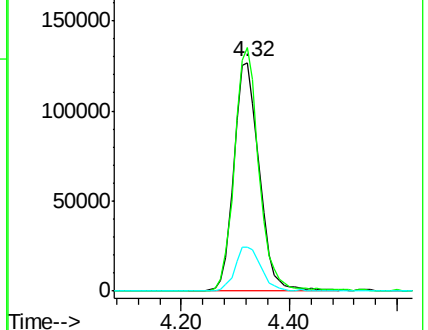
192 19.1 15.1 22.7

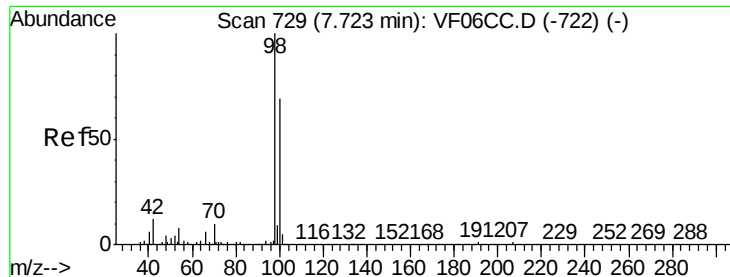


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 43.308 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF062915.D

Acq: 10 Jun 2019 19:21

Instrument :

MSVOA_F

ClientSampleId :

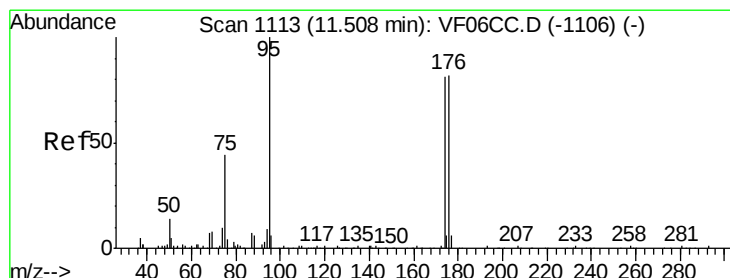
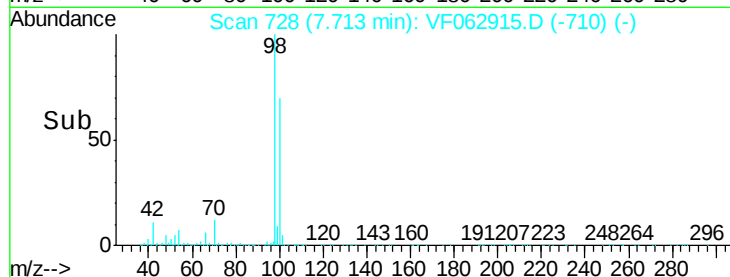
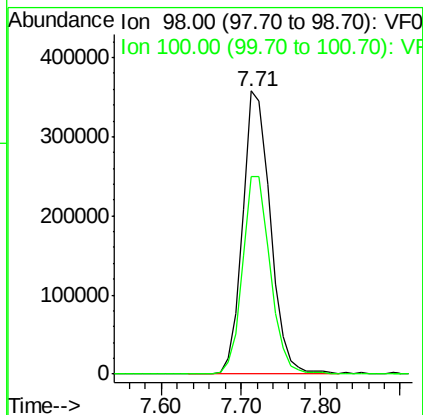
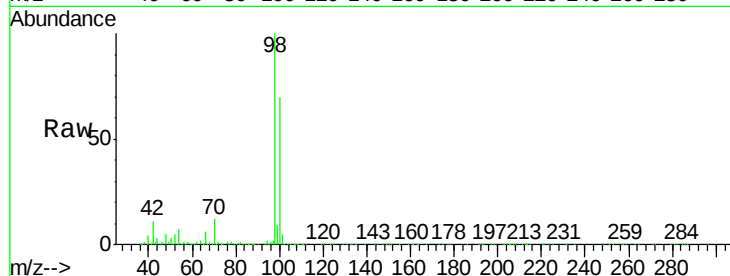
SB-5 9.5-10.0 060719

Tot Ion: 98 Resp: 858300

Ion Ratio Lower Upper

98 100

100 69.6 59.8 89.8



#62

4-Bromofluorobenzene

Concen: 48.187 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062915.D

Acq: 10 Jun 2019 19:21

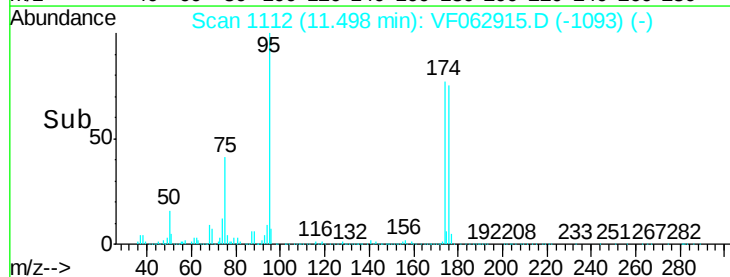
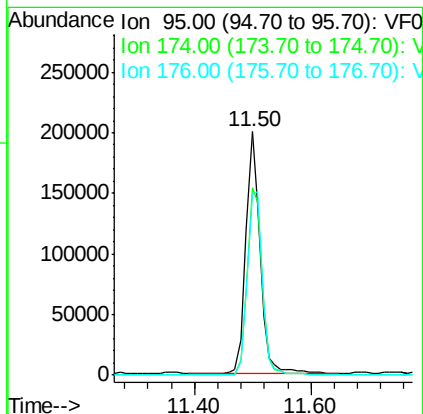
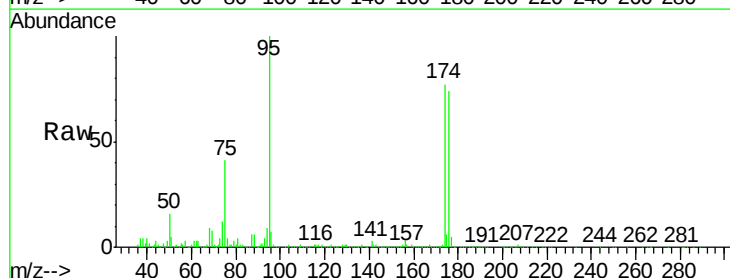
Tgt Ion: 95 Resp: 343526

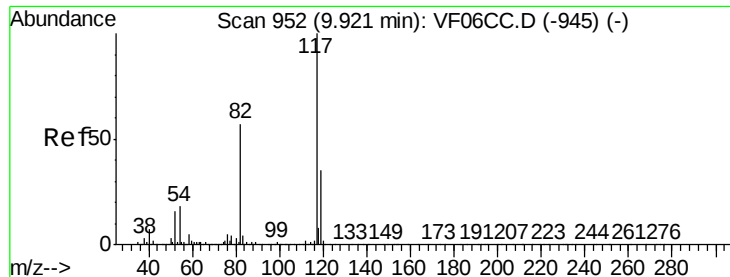
Ion Ratio Lower Upper

95 100

174 76.8 0.0 170.6

176 74.4 0.0 170.6

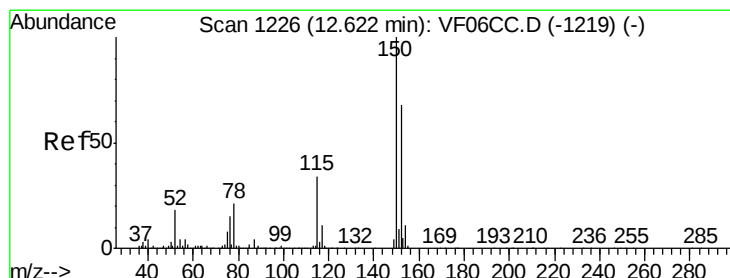
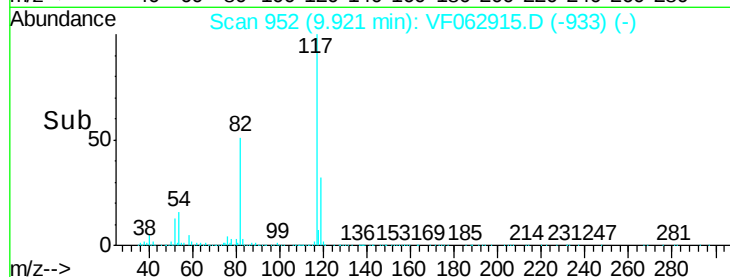
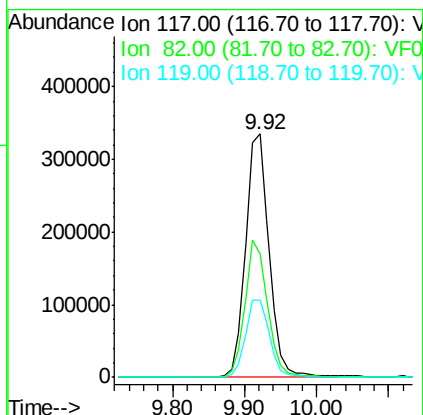
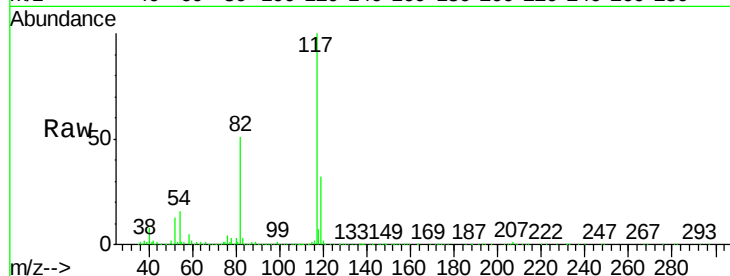




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF062915.D
Acq: 10 Jun 2019 19:21

Instrument :
MSVOA_F
ClientSampleId :
SB-5 9.5-10.0 060719

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.4	63.6
119	31.9	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: VF062915.D
Acq: 10 Jun 2019 19:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	24.6	74.0
150	149.4	0.0	290.6

