

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062663.D
 Acq On : 20 May 2019 16:25
 Operator : FY/SY
 Sample : K2894-10
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-07-2.5-3.5

Quant Time: May 20 17:10:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	543107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	597679	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	125231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	15921	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	82551	21.51	ug/l	0.01
Spiked Amount			Recovery	=	43.02%	
35) Dibromofluoromethane	4.32	113	188097	41.13	ug/l	0.00
Spiked Amount			Recovery	=	82.26%	
50) Toluene-d8	7.73	98	282483	25.87	ug/l	0.01
Spiked Amount			Recovery	=	51.74%	
62) 4-Bromofluorobenzene	11.50	95	21166	5.11	ug/l	0.00
Spiked Amount			Recovery	=	10.22%	

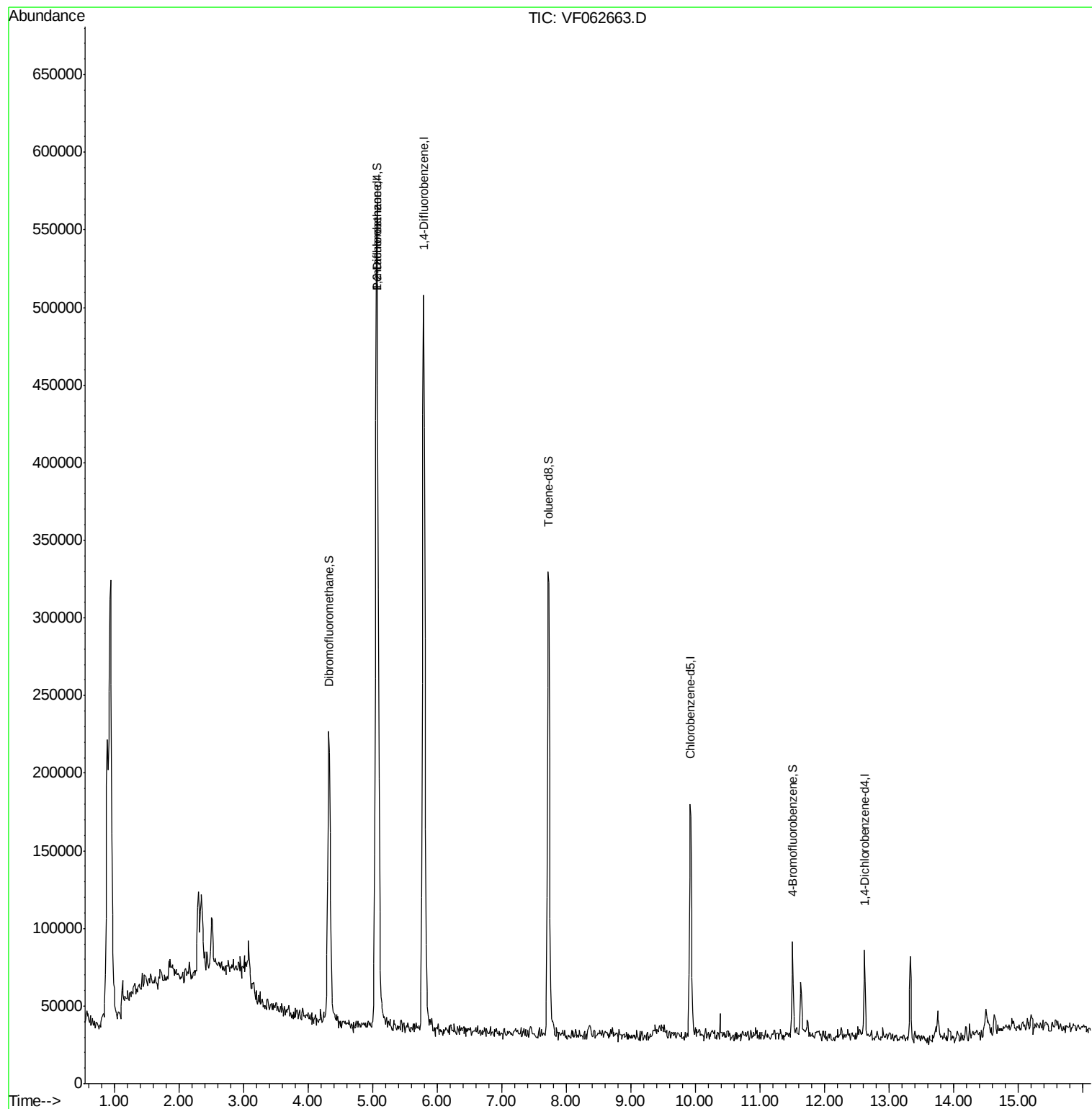
Target Compounds	Qvalue
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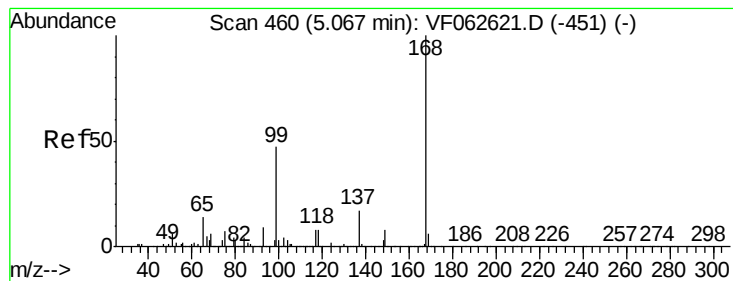
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

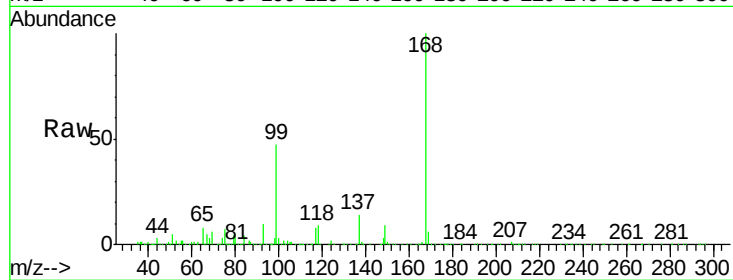
SB-07-2.5-3.5

Tot Ion:168 Resp: 543107

Ion Ratio Lower Upper

168 100

99 46.5 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

200000

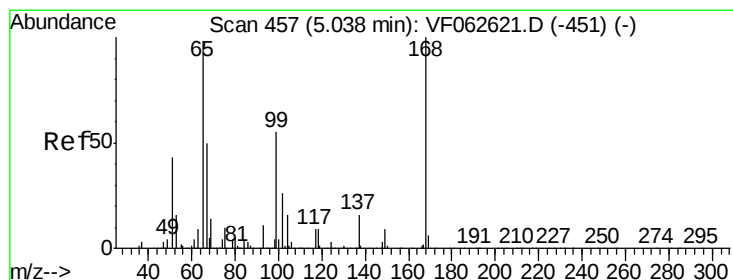
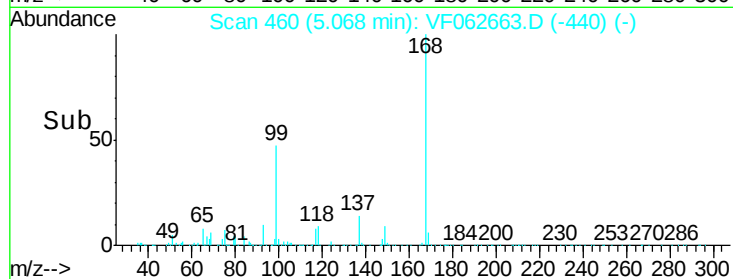
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 21.510 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062663.D

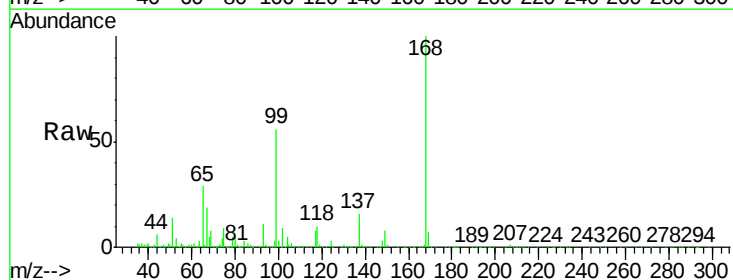
Acq: 20 May 2019 16:25

Tgt Ion: 65 Resp: 82551

Ion Ratio Lower Upper

65 100

67 66.2 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.05

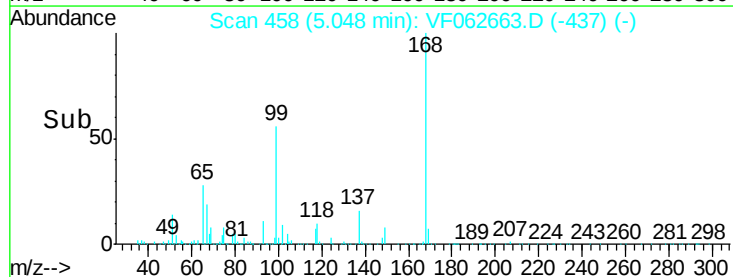
30000

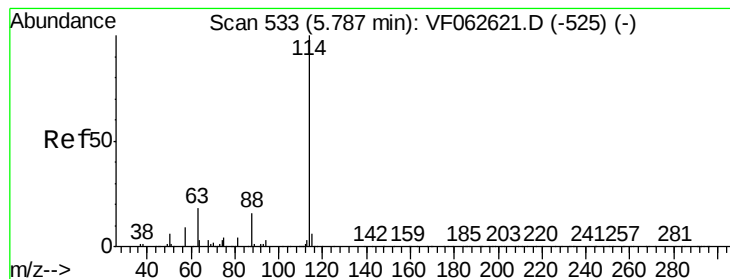
20000

10000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

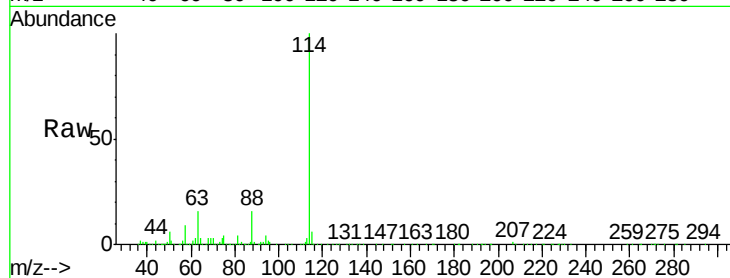
Tot Ion:114 Resp: 597679

Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.4

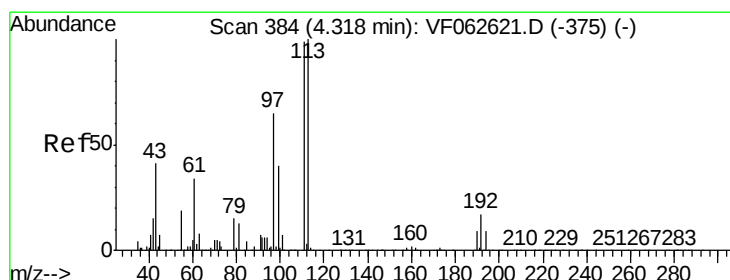
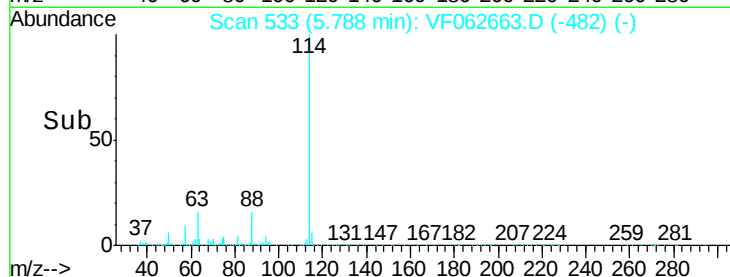
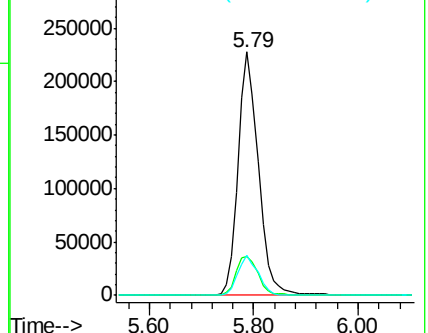
88 16.5 0.0 32.4



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: 41.128 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

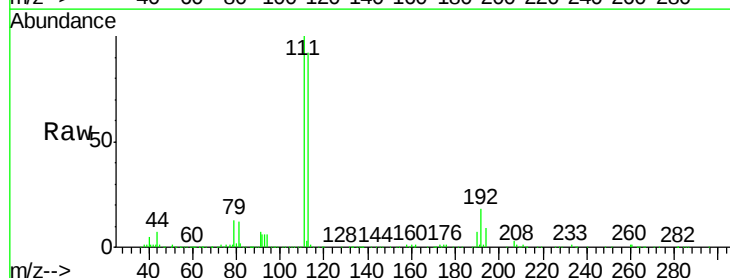
Tgt Ion:113 Resp: 188097

Ion Ratio Lower Upper

113 100

111 108.6 79.4 119.2

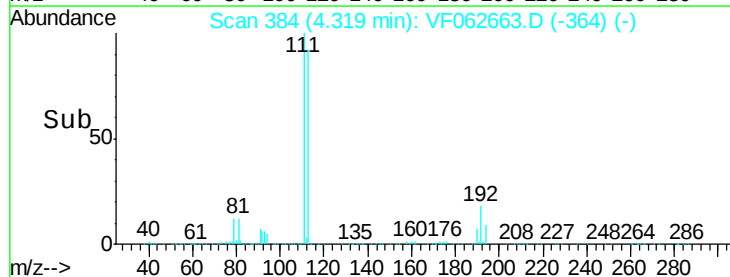
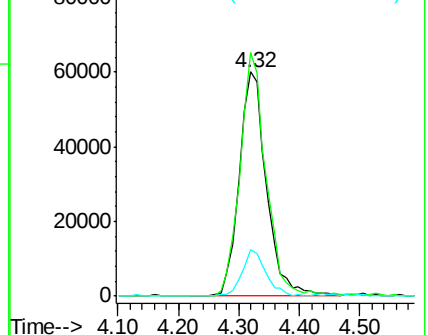
192 20.6 13.4 20.2#

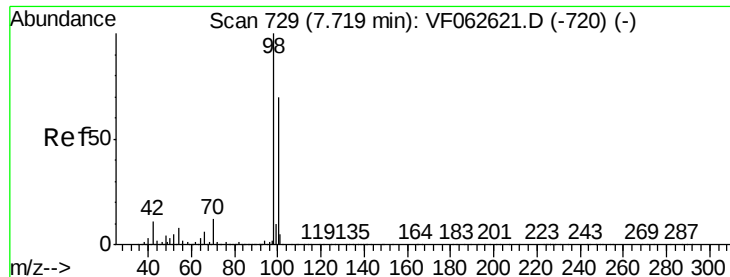


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 25.869 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.01 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

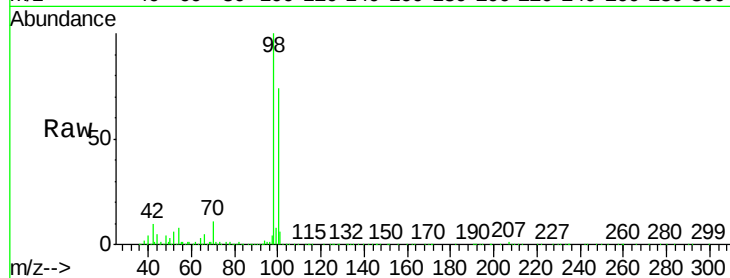
SB-07-2.5-3.5

Tot Ion: 98 Resp: 282483

Ion Ratio Lower Upper

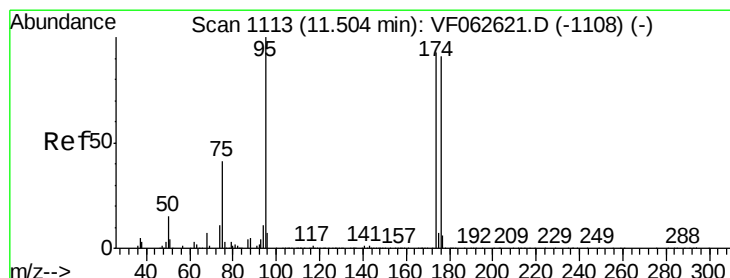
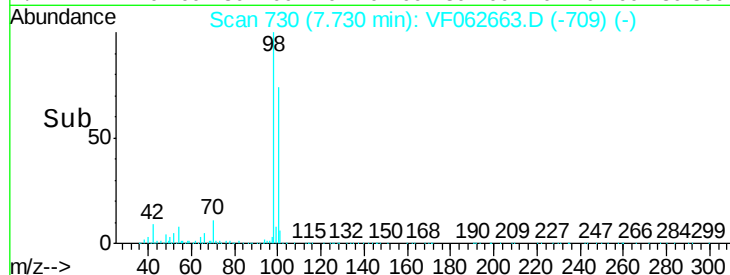
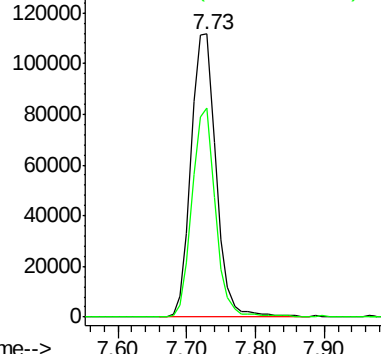
98 100

100 73.9 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 5.111 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

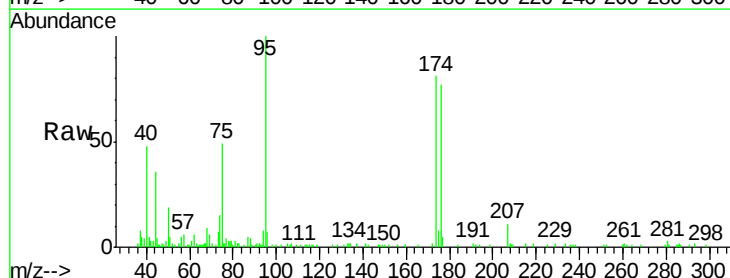
Tgt Ion: 95 Resp: 21166

Ion Ratio Lower Upper

95 100

174 81.5 0.0 185.6

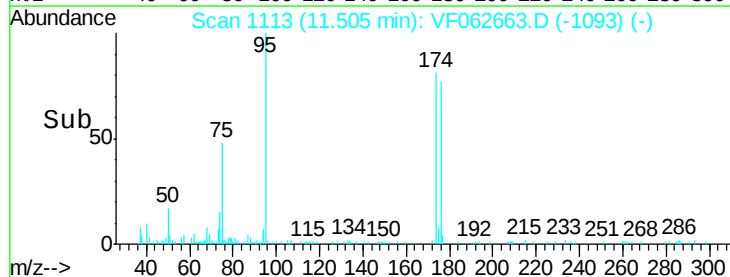
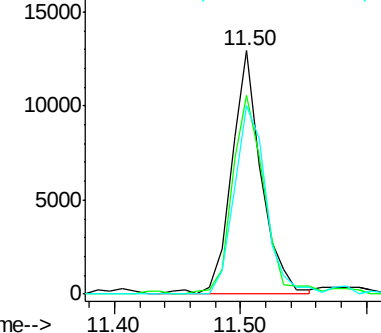
176 77.2 0.0 182.4

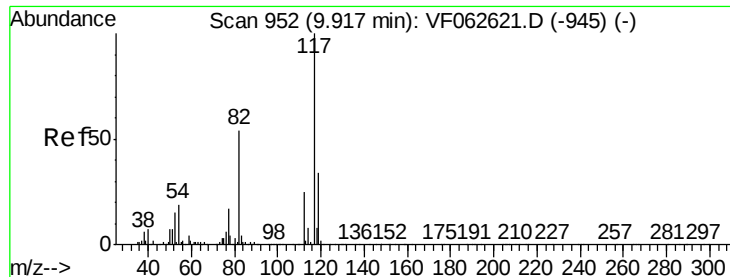


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

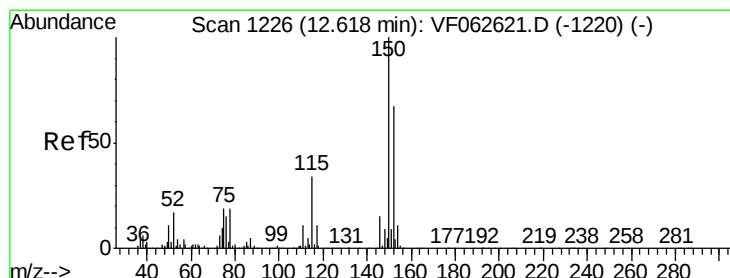
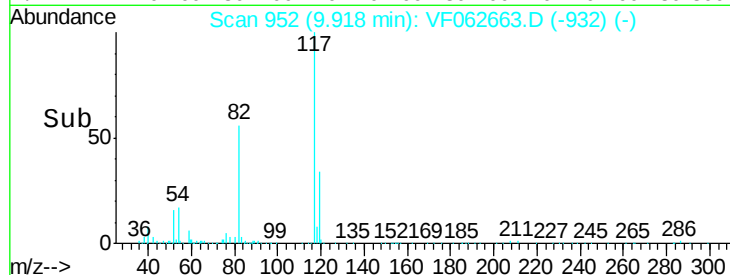
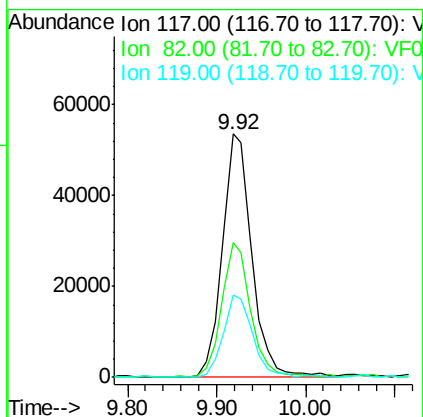
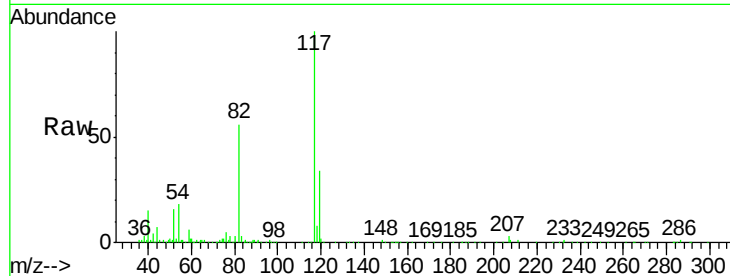




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.3	64.9
119	33.7	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	25.2	75.6
150	150.5	0.0	306.2

