

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053119\
 Data File : VF062808.D
 Acq On : 31 May 2019 14:54
 Operator : FY/SY
 Sample : K3108-02
 Misc : 3.43g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-EF-01-010-ABCD

Quant Time: Jun 01 01:21:53 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	5.08	168	725800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1255331	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	900991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	343513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	227564	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
35) Dibromofluoromethane	4.33	113	411920	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	
50) Toluene-d8	7.73	98	900738	37.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.10%	
62) 4-Bromofluorobenzene	11.50	95	306735	35.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.10%	

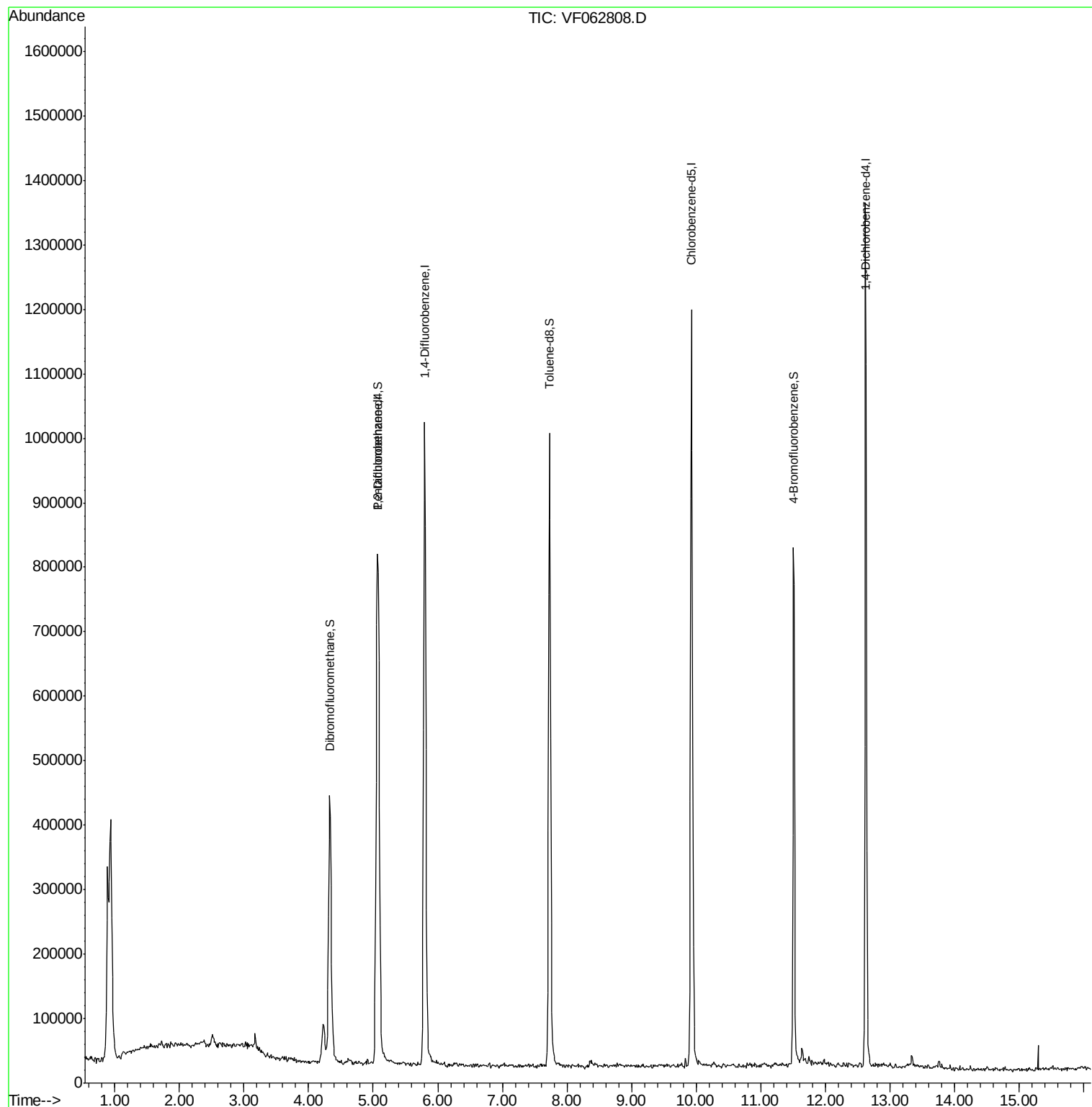
Target Compounds	Qvalue
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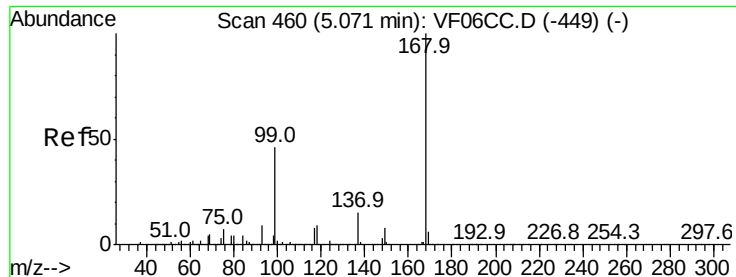
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.08 min Scan# 461

Delta R.T. 0.00 min

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Acq: 31 May 2019 14:54

Instrument :

MSVOA_F

ClientSampleId :

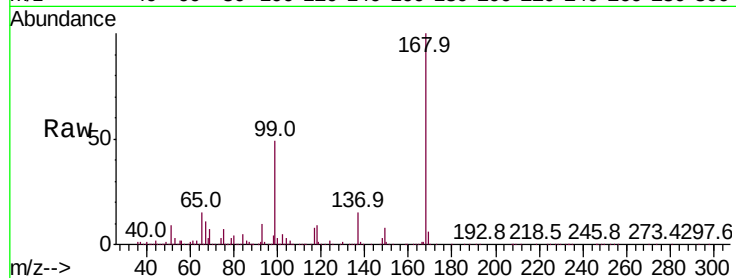
FK-EF-01-010-ABCD

Tot Ion:168 Resp: 725800

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

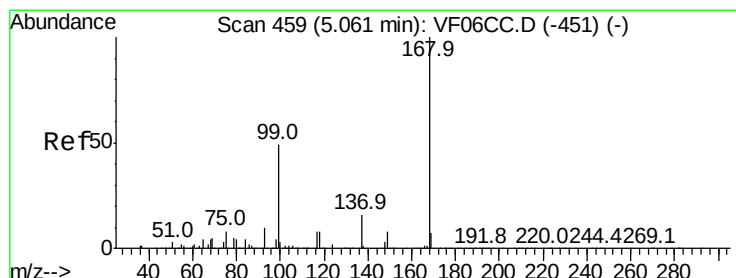
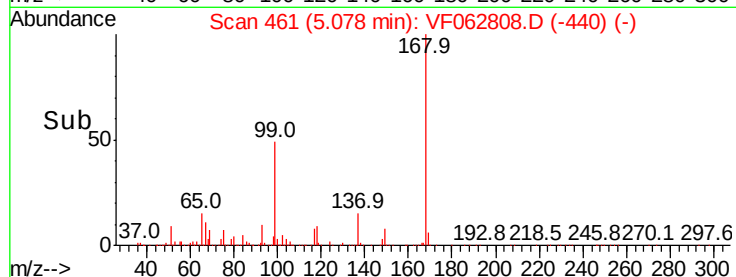
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 45.341 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062808.D

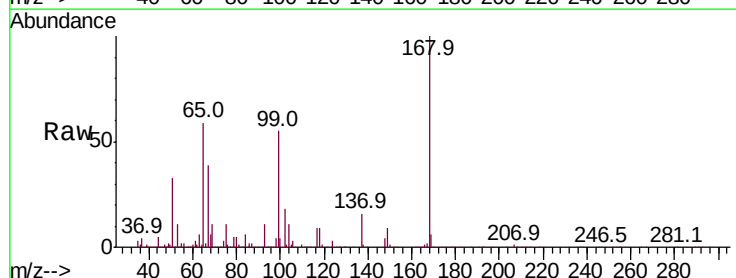
Acq: 31 May 2019 14:54

Tgt Ion: 65 Resp: 227564

Ion Ratio Lower Upper

65 100

67 65.5 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.06

80000

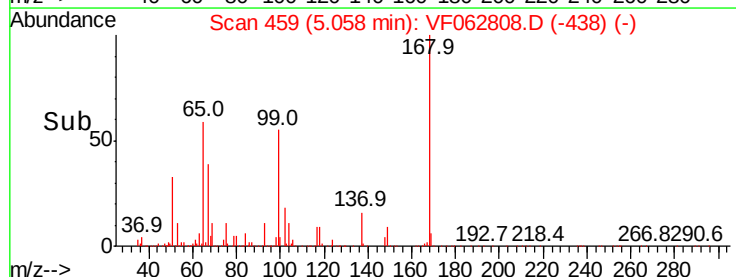
60000

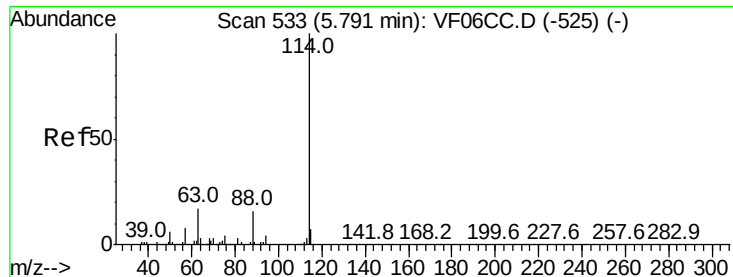
40000

20000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.01 min

Lab File: VF062808.D

Acq: 31 May 2019 14:54

Instrument :

MSVOA_F

ClientSampleId :

FK-EF-01-010-ABCD

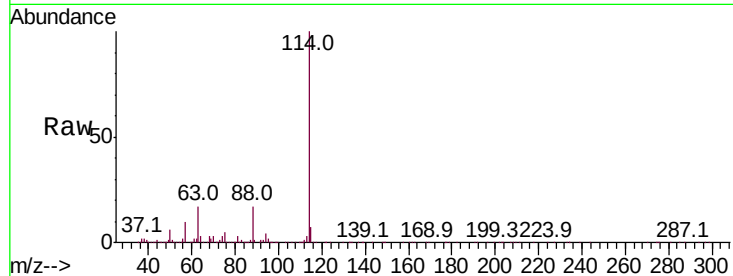
Tot Ion:114 Resp: 1255331

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.2

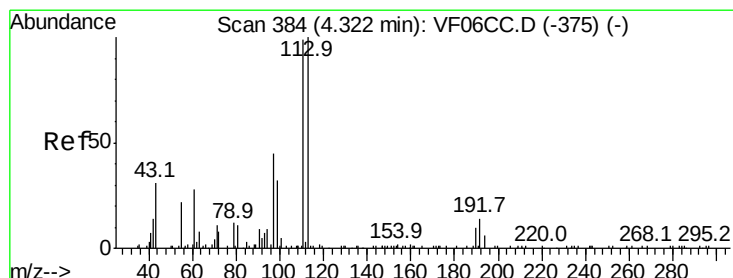
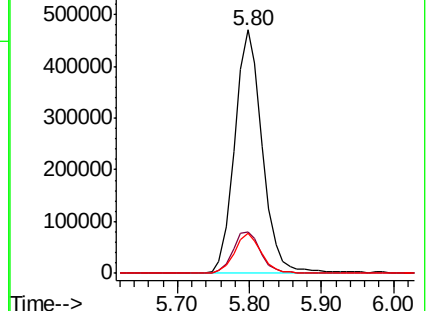
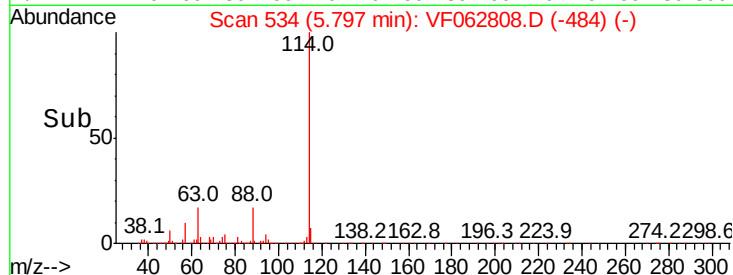
88 16.6 0.0 31.2



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: 43.424 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VF062808.D

Acq: 31 May 2019 14:54

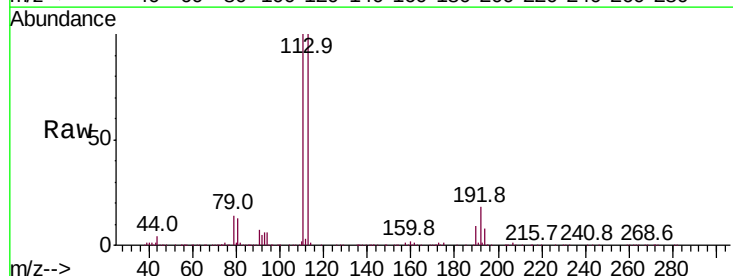
Tgt Ion:113 Resp: 411920

Ion Ratio Lower Upper

113 100

111 100.1 81.9 122.9

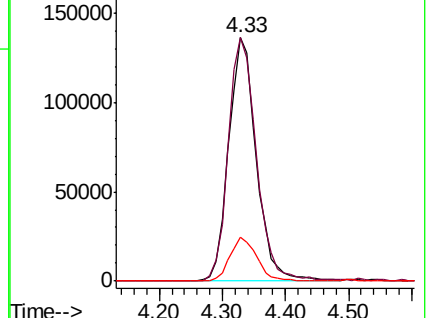
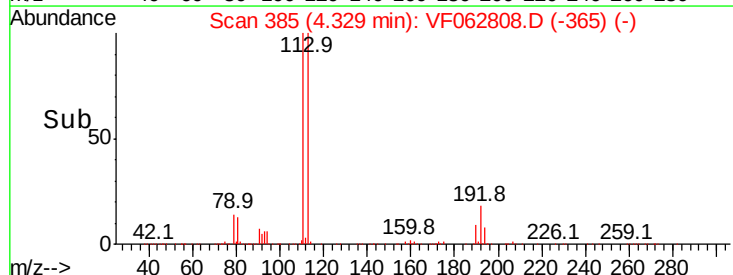
192 18.2 15.1 22.7

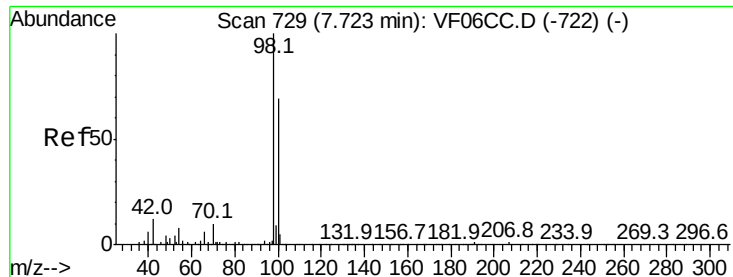


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.550 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.01 min

Lab File: VF062808.D

Acq: 31 May 2019 14:54

Instrument :

MSVOA_F

ClientSampleId :

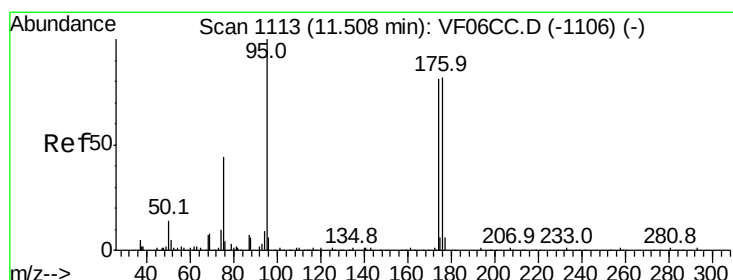
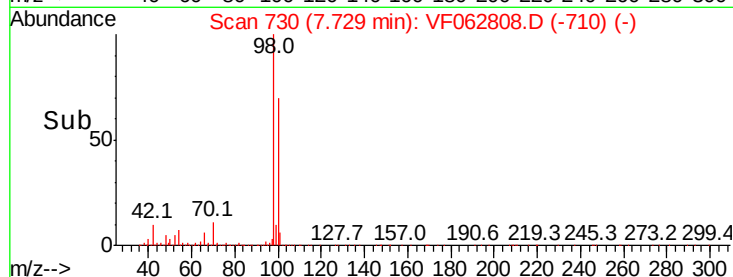
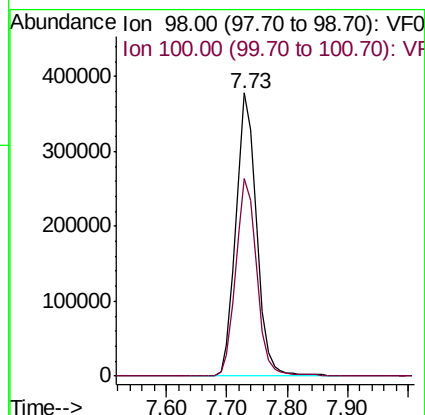
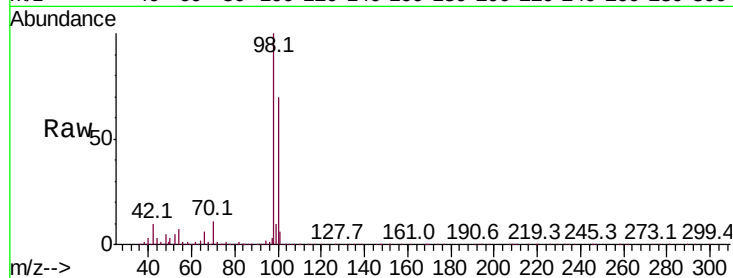
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Tot Ion: 98 Resp: 900738

Ion Ratio Lower Upper

98 100

100 70.0 59.8 89.8



#62

4-Bromofluorobenzene

Concen: 35.548 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062808.D

Acq: 31 May 2019 14:54

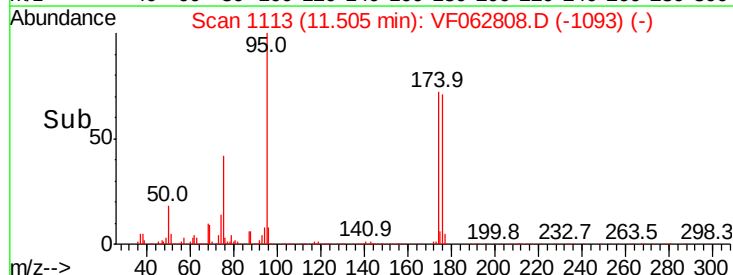
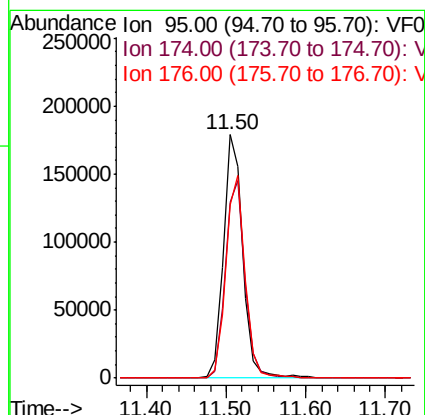
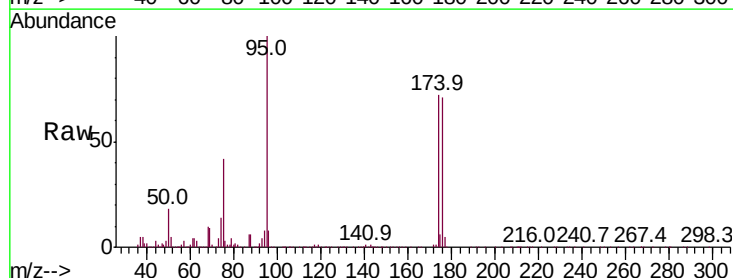
Tgt Ion: 95 Resp: 306735

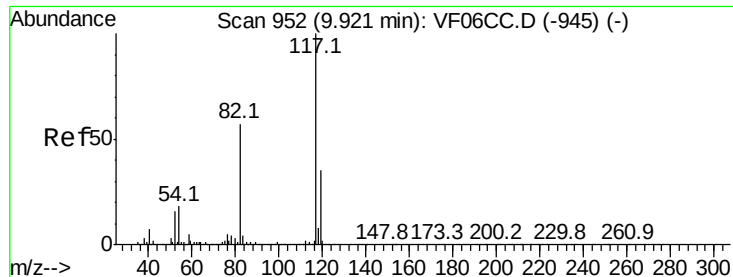
Ion Ratio Lower Upper

95 100

174 72.2 0.0 170.6

176 70.9 0.0 170.6

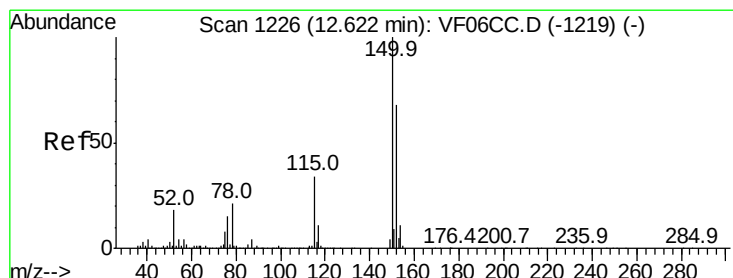
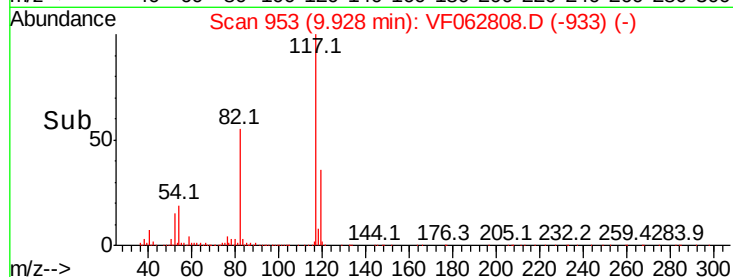
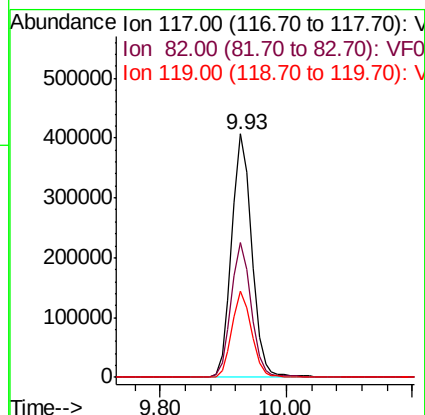
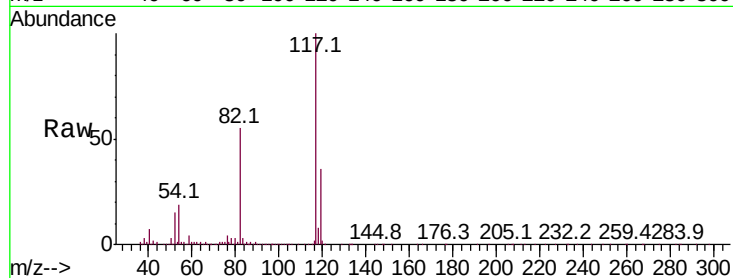




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062808.D
Acq: 31 May 2019 14:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.4	63.6
119	35.6	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062808.D
Acq: 31 May 2019 14:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	24.6	74.0
150	155.0	0.0	290.6

