

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062876.D
 Acq On : 6 Jun 2019 12:05
 Operator : FY/SY
 Sample : VF0606SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBL01

Quant Time: Jun 07 01:47:52 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	812747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1370449	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1166755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	460804	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	290204	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	4.33	113	524211	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	7.73	98	1316282	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.50	95	481503	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

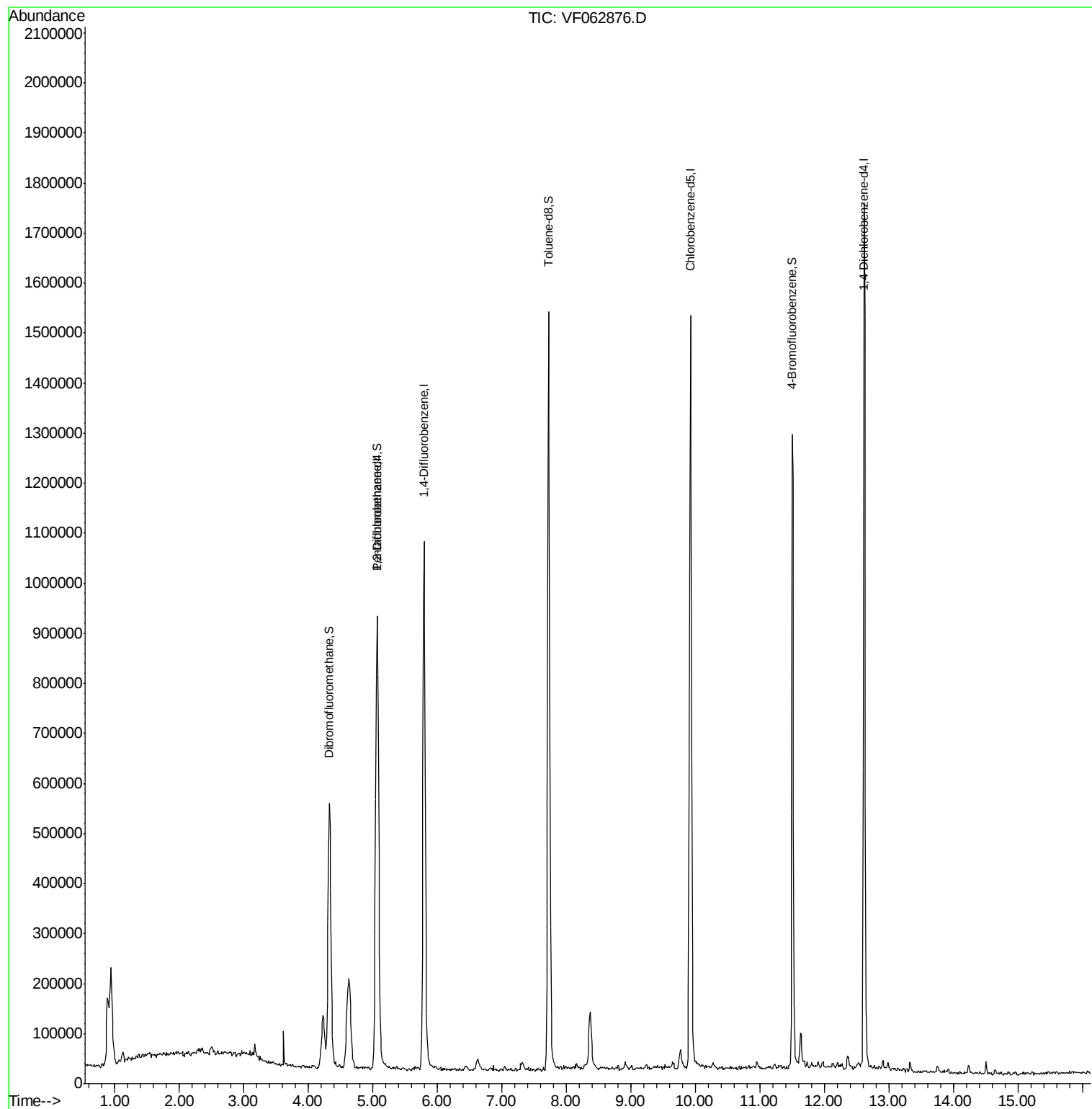
Target Compounds	Qvalue

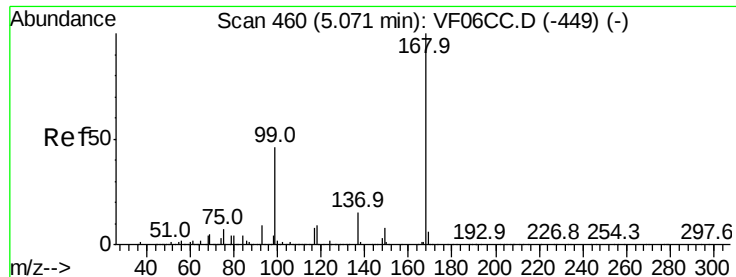
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VF062876.D

Acq: 6 Jun 2019 12:05

Instrument :

MSVOA_F

ClientSampleId :

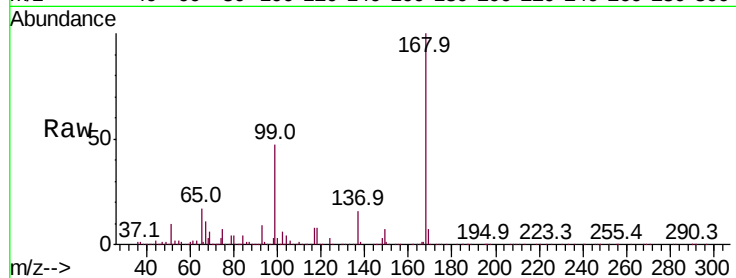
VF0606SBL01

Tot Ion:168 Resp: 812747

Ion Ratio Lower Upper

168 100

99 47.0 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

300000

250000

200000

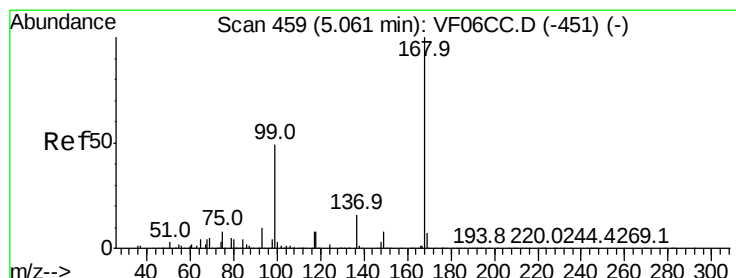
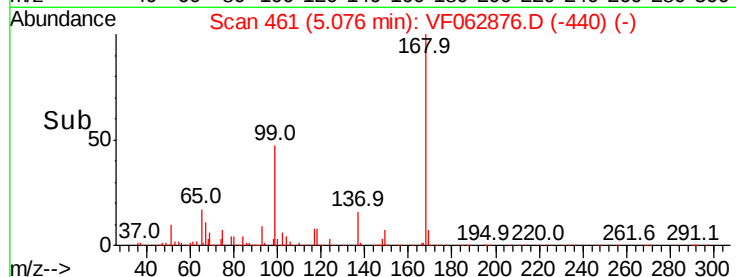
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 51.636 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062876.D

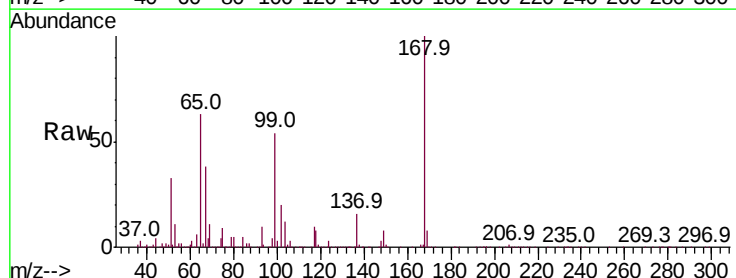
Acq: 6 Jun 2019 12:05

Tgt Ion: 65 Resp: 290204

Ion Ratio Lower Upper

65 100

67 59.9 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

120000

100000

80000

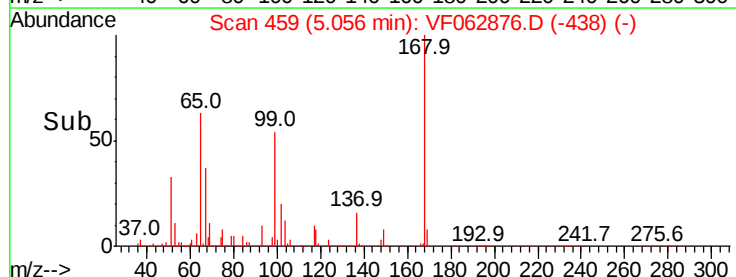
60000

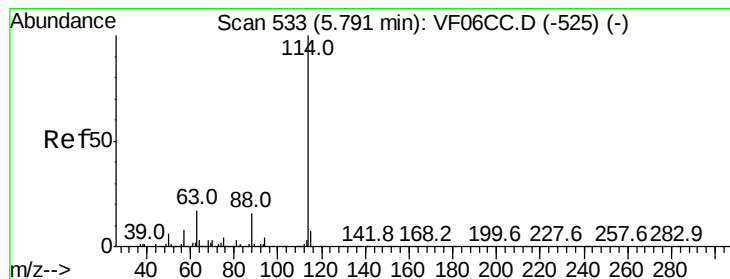
40000

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: VF062876.D

Acq: 6 Jun 2019 12:05

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBL01

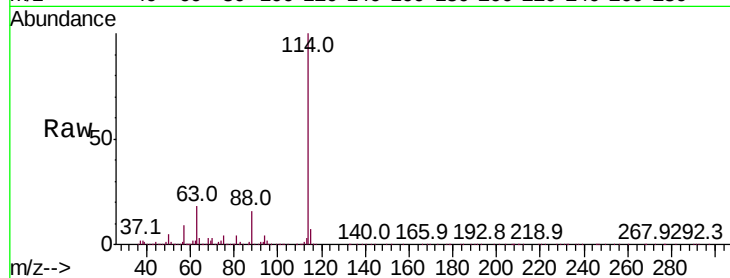
Tot Ion:114 Resp: 1370449

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.2

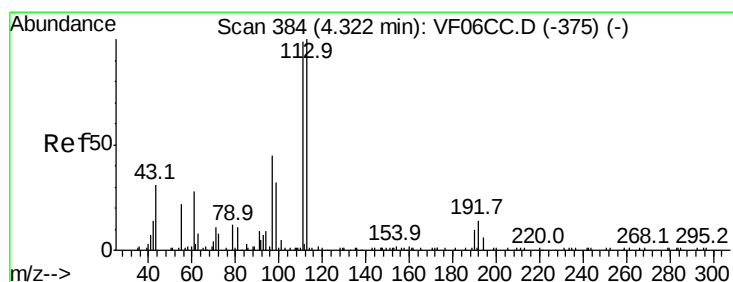
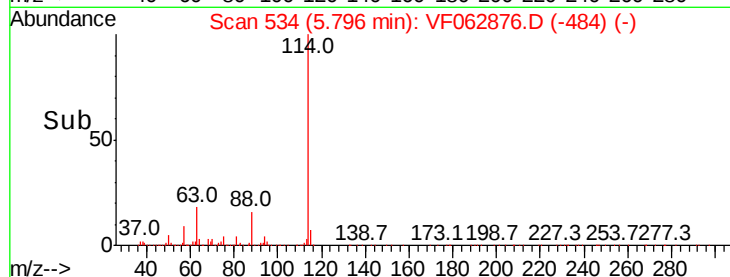
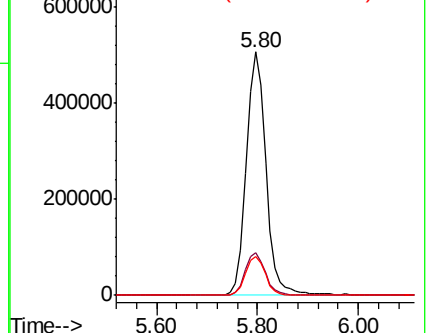
88 15.9 0.0 31.2



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: 50.620 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VF062876.D

Acq: 6 Jun 2019 12:05

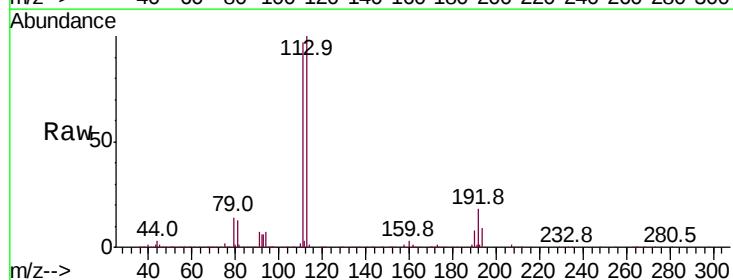
Tgt Ion:113 Resp: 524211

Ion Ratio Lower Upper

113 100

111 97.4 81.9 122.9

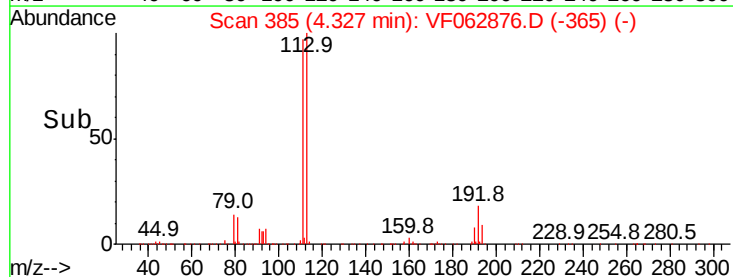
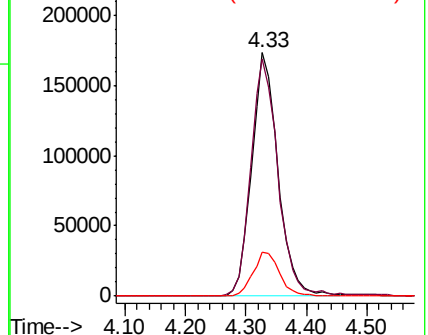
192 18.2 15.1 22.7

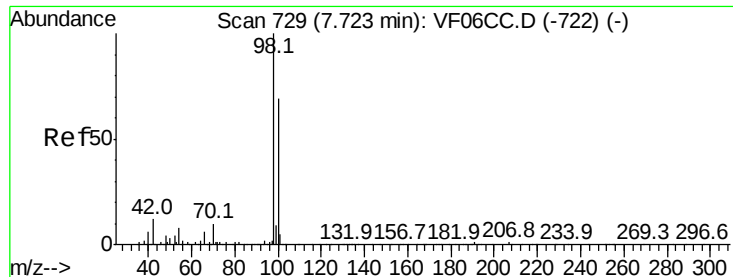


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 50.264 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.01 min

Lab File: VF062876.D

Acq: 6 Jun 2019 12:05

Instrument :

MSVOA_F

ClientSampleId :

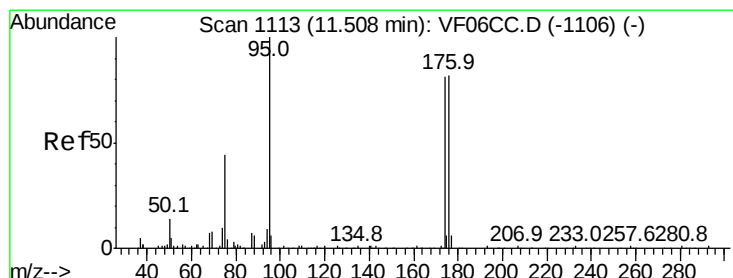
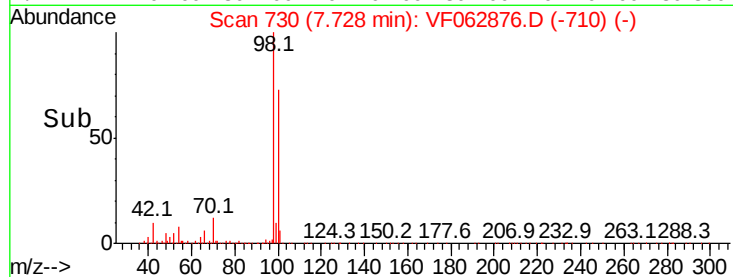
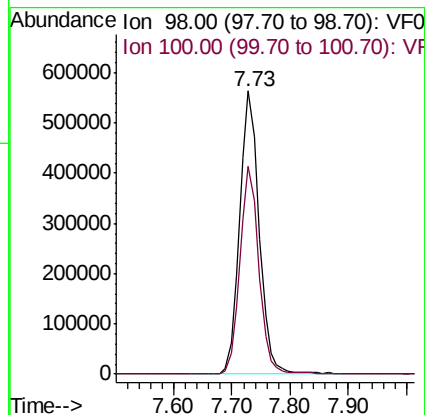
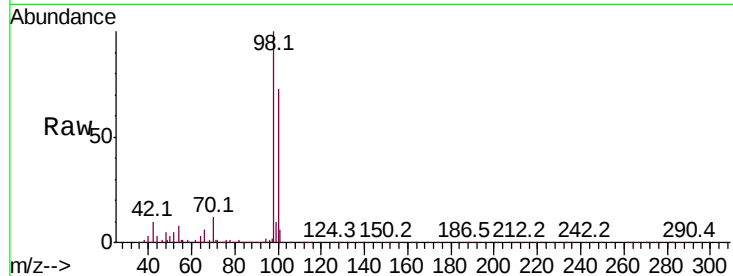
VF0606SBL01

Tot Ion: 98 Resp: 1316282

Ion Ratio Lower Upper

98 100

100 73.3 59.8 89.8



#62

4-Bromofluorobenzene

Concen: 51.115 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062876.D

Acq: 6 Jun 2019 12:05

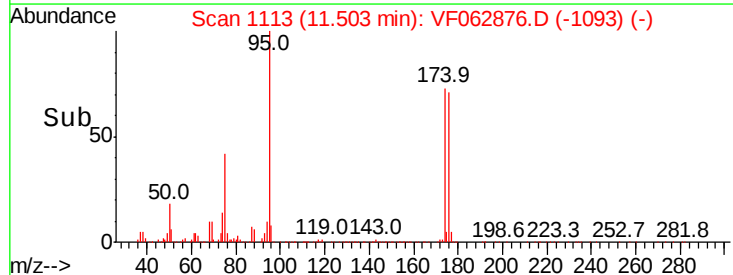
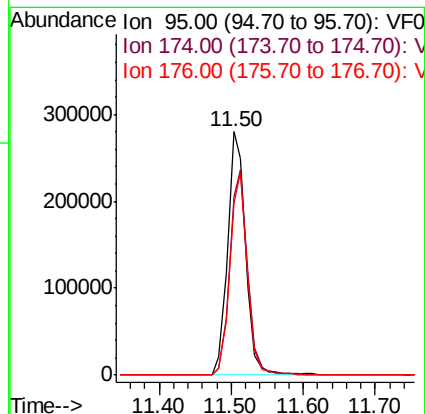
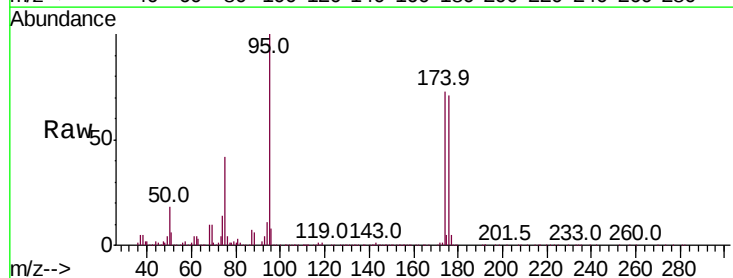
Tgt Ion: 95 Resp: 481503

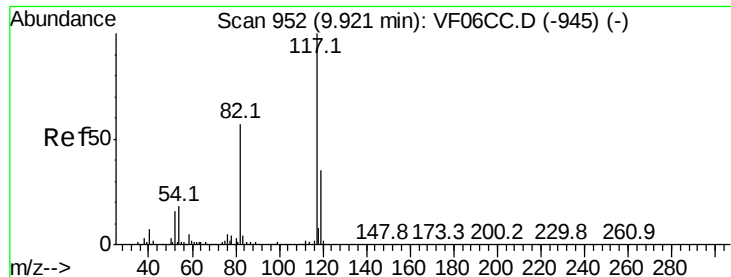
Ion Ratio Lower Upper

95 100

174 73.2 0.0 170.6

176 70.7 0.0 170.6

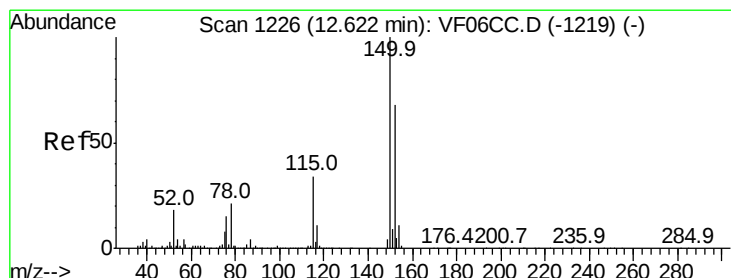
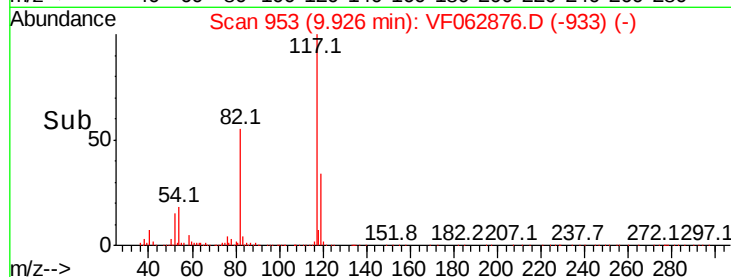
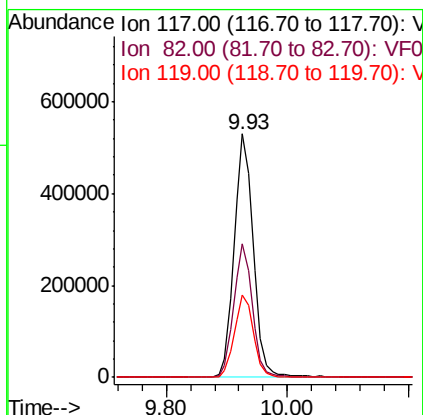
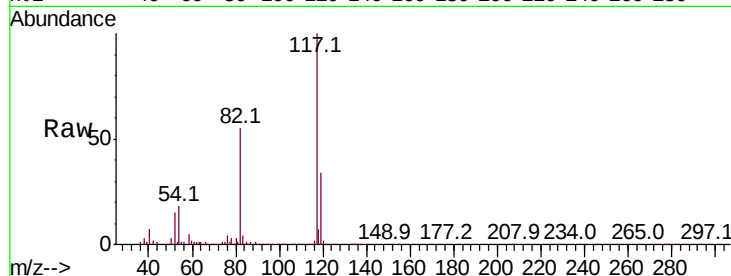




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062876.D
Acq: 6 Jun 2019 12:05

Instrument :
MSVOA_F
ClientSampleId :
VF0606SBL01

Tot Ion:117 Resp: 1166755
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 33.9 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF062876.D
Acq: 6 Jun 2019 12:05

Tgt Ion:152 Resp: 460804
Ion Ratio Lower Upper
152 100
115 52.4 24.6 74.0
150 152.0 0.0 290.6

