

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062444.D
 Acq On : 11 May 2019 3:39
 Operator : FY/SY
 Sample : K2754-07
 Misc : 5.01g/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 C-2

Quant Time: May 11 06:45:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	234535	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	321437	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	206653	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	79117	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	184296	83.15	ug/l	0.03
Spiked Amount 50.000			Recovery	=	166.30%	
35) Dibromofluoromethane	4.32	113	202744	79.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	158.34%	
50) Toluene-d8	7.72	98	255841	41.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.54%	
62) 4-Bromofluorobenzene	11.51	95	93565	33.46	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.92%	

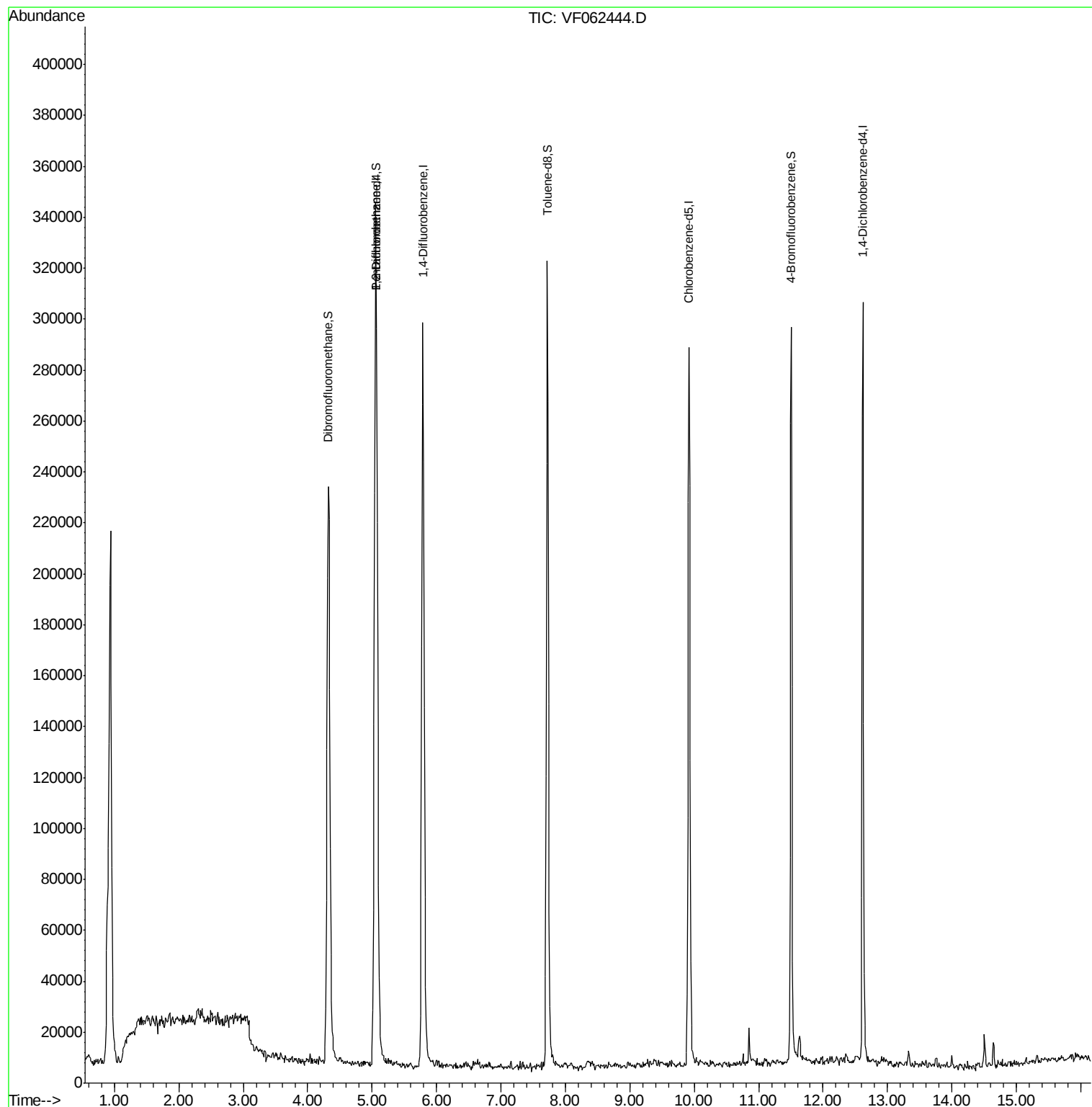
Target Compounds	Qvalue

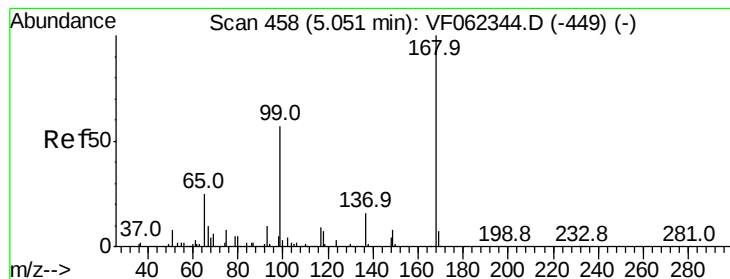
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

Lab File: VF062444.D

Acq: 11 May 2019 3:39

Instrument :

MSVOA_F

ClientSampleId :

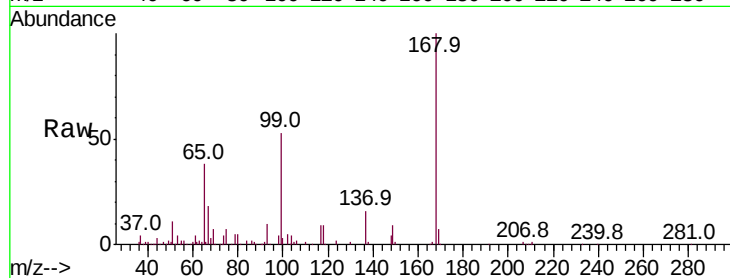
C-2

Tot Ion:168 Resp: 234535

Ion Ratio Lower Upper

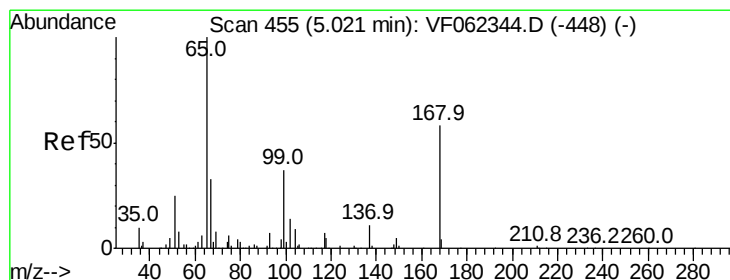
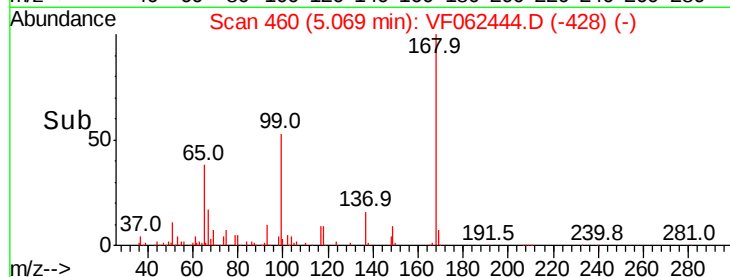
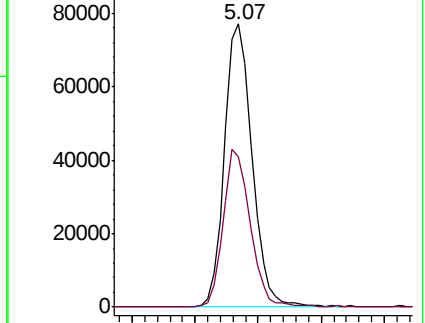
168 100

99 53.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 83.149 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062444.D

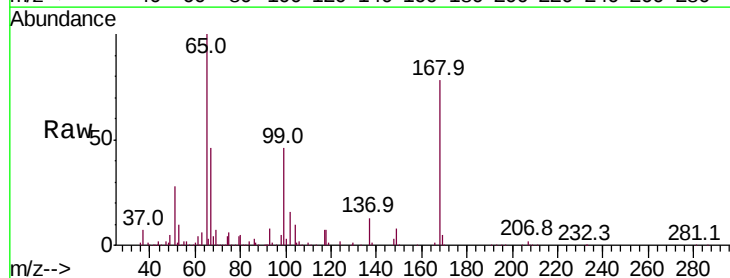
Acq: 11 May 2019 3:39

Tgt Ion: 65 Resp: 184296

Ion Ratio Lower Upper

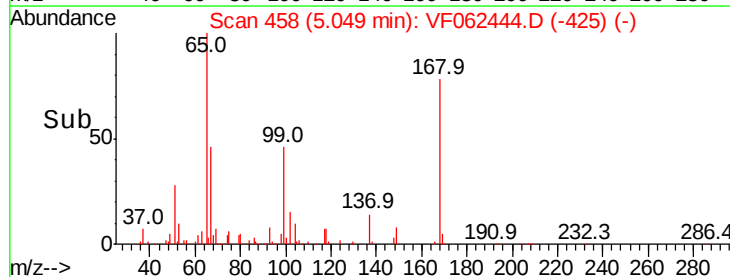
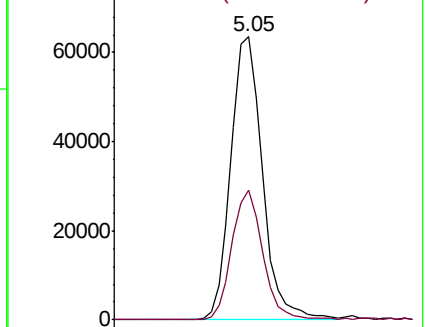
65 100

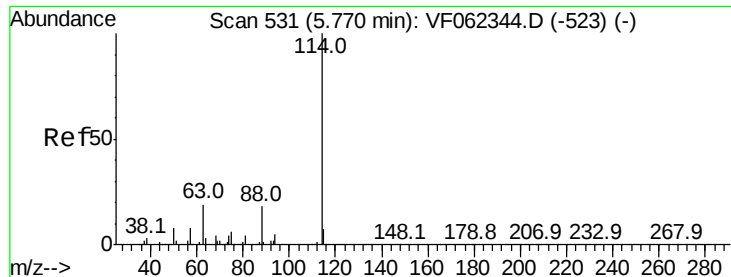
67 44.9 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062444.D

Acq: 11 May 2019 3:39

Instrument :

MSVOA_F

ClientSampleId :

C-2

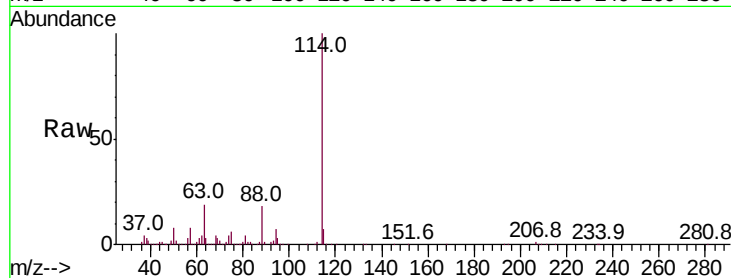
Tot Ion:114 Resp: 321437

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

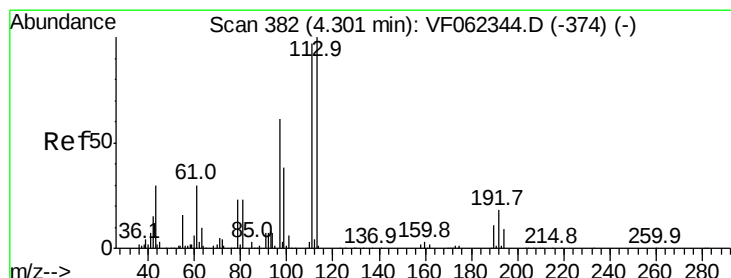
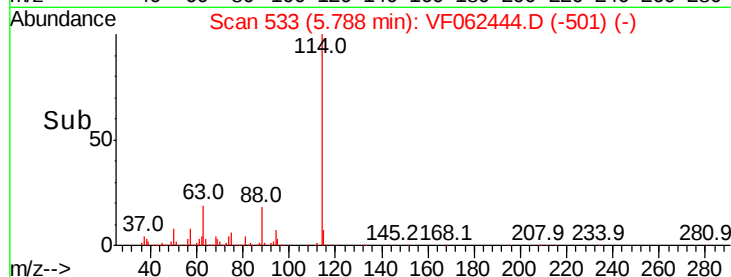
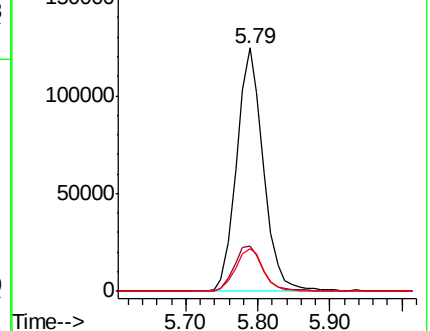
88 17.6 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 79.171 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062444.D

Acq: 11 May 2019 3:39

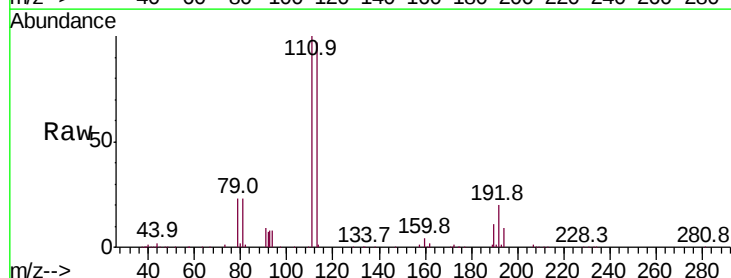
Tgt Ion:113 Resp: 202744

Ion Ratio Lower Upper

113 100

111 103.9 79.4 119.0

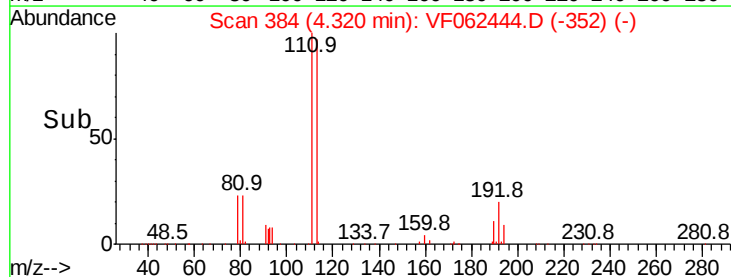
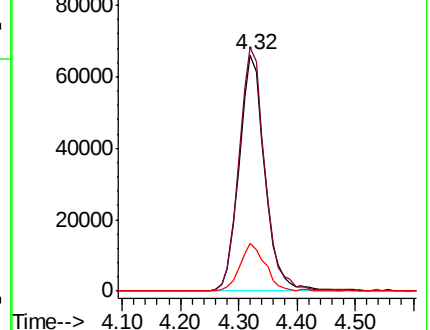
192 20.0 16.0 24.0

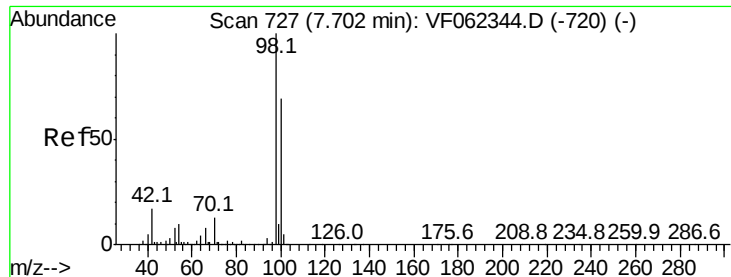


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

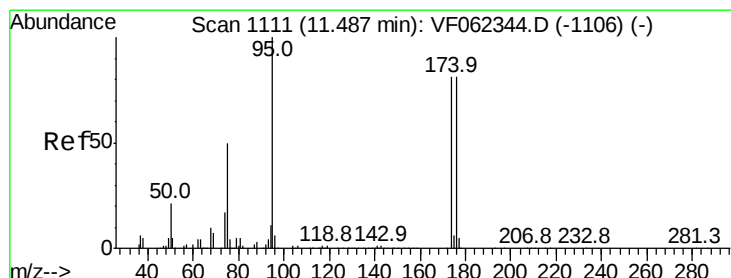
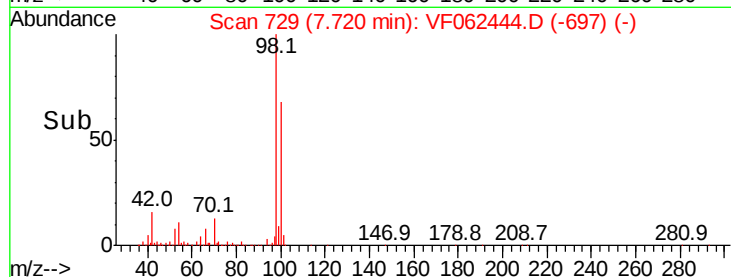
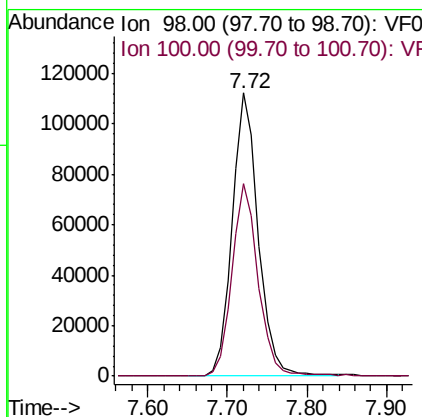
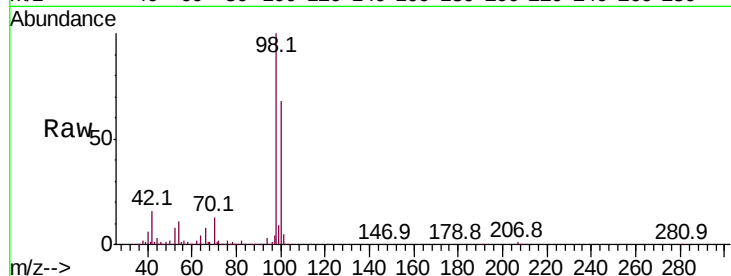




#50
Toluene-d8
Concen: 41.272 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062444.D
Acq: 11 May 2019 3:39

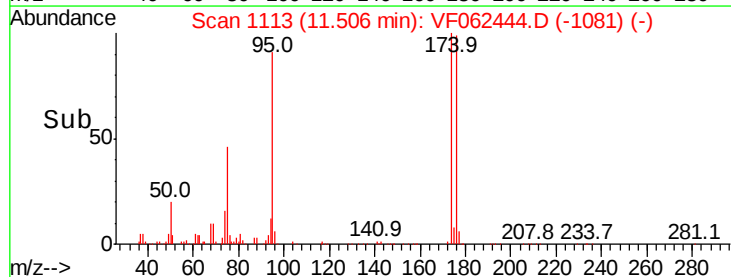
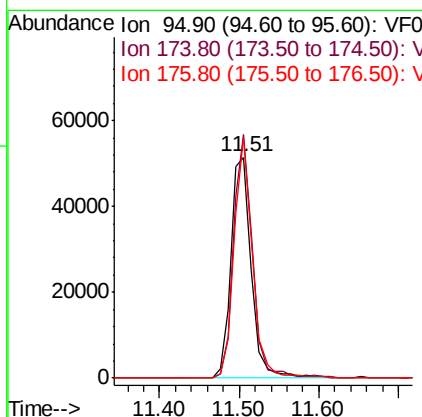
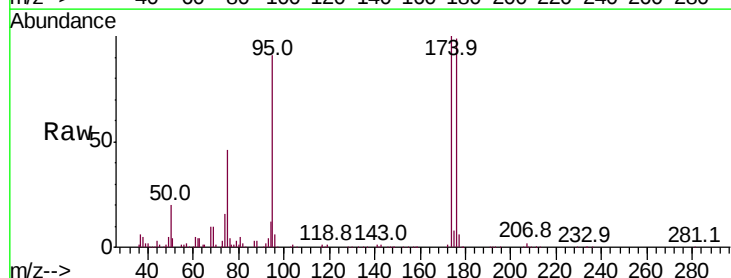
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C-2

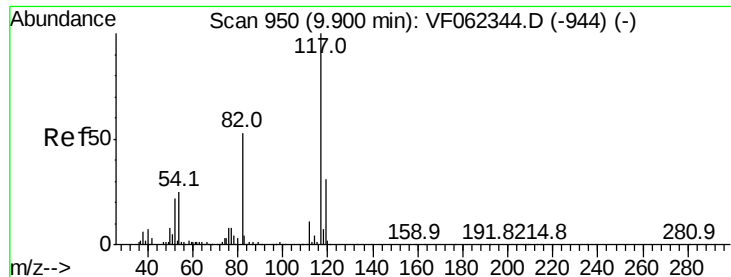
Tot Ion: 98 Resp: 255841
Ion Ratio Lower Upper
98 100
100 68.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 33.455 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062444.D
Acq: 11 May 2019 3:39

Tgt Ion: 95 Resp: 93565
Ion Ratio Lower Upper
95 100
174 101.6 0.0 191.8
176 98.0 0.0 193.2

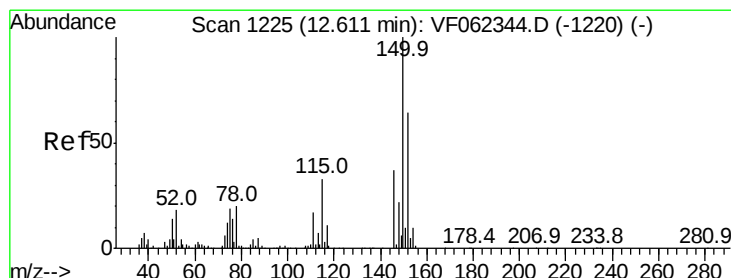
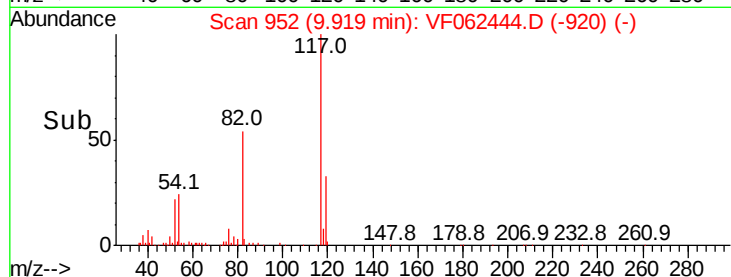
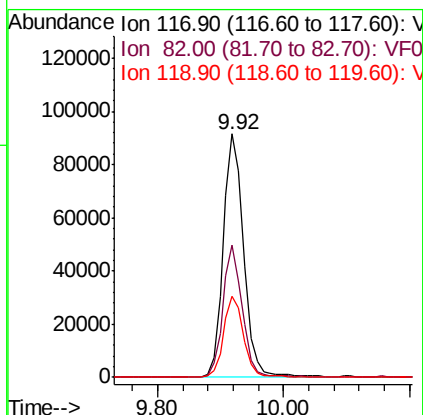
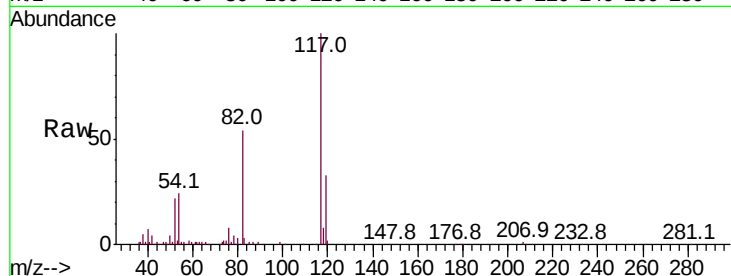




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062444.D
Acq: 11 May 2019 3:39

Instrument :
MSVOA_F
ClientSampleId :
C-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.2	63.2
119	33.1	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062444.D
Acq: 11 May 2019 3:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	26.4	79.2
150	160.8	0.0	335.0

