

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052119\
 Data File : VF062685.D
 Acq On : 21 May 2019 16:15
 Operator : FY/SY
 Sample : K2970-14RE
 Misc : 3.09g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-9-S2RE

Quant Time: May 22 04:22:33 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	5.05	168	764089	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	1216283	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	727073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	200824	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	174780	32.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.74%	
35) Dibromofluoromethane	4.31	113	350206	37.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.26%	
50) Toluene-d8	7.72	98	645209	29.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.08%	
62) 4-Bromofluorobenzene	11.50	95	166143	19.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.42%	

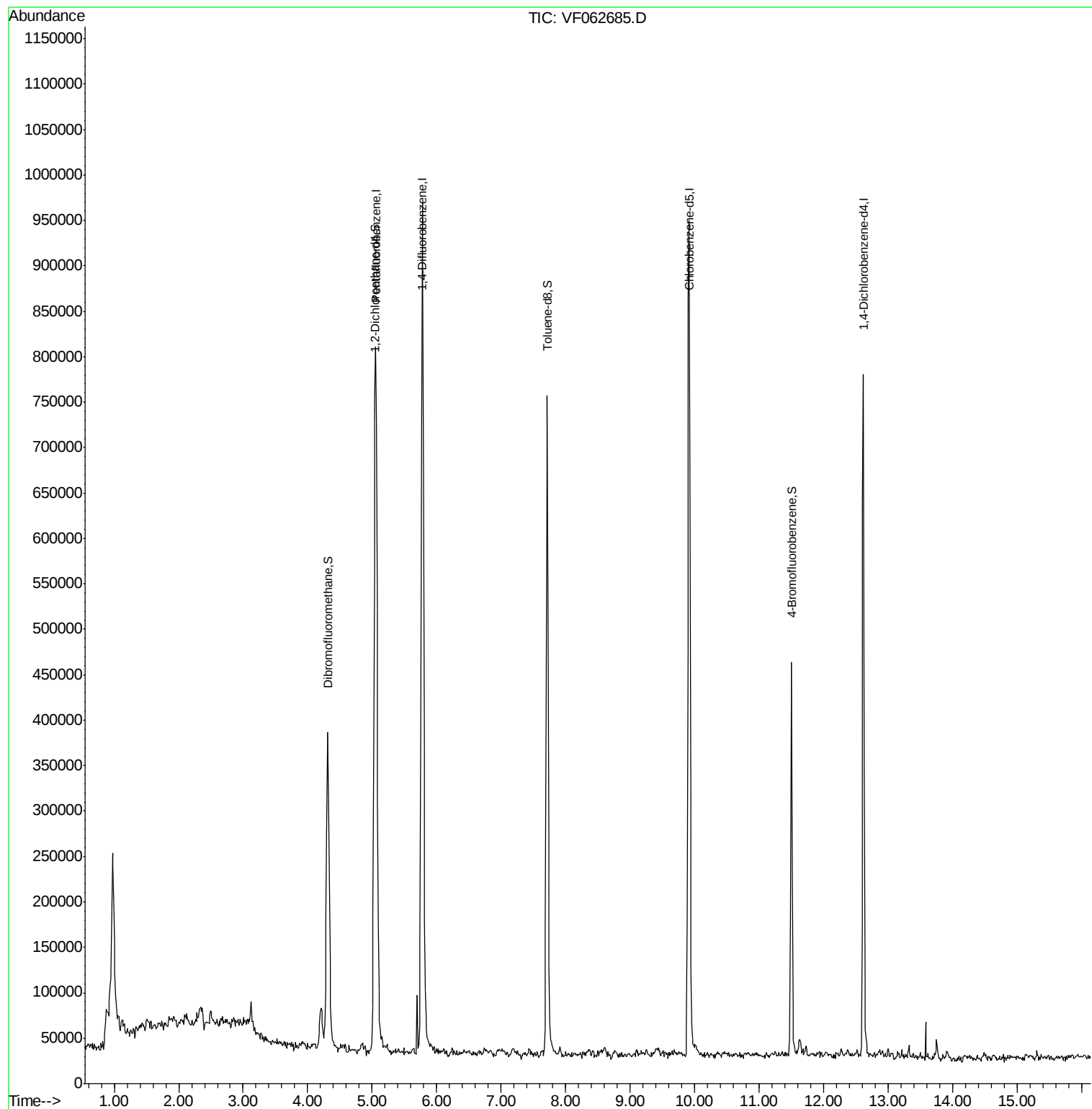
Target Compounds	Qvalue

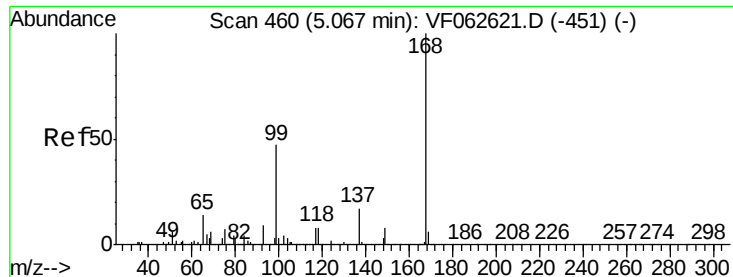
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062685.D

Acq: 21 May 2019 16:15

Instrument :

MSVOA_F

ClientSampleId :

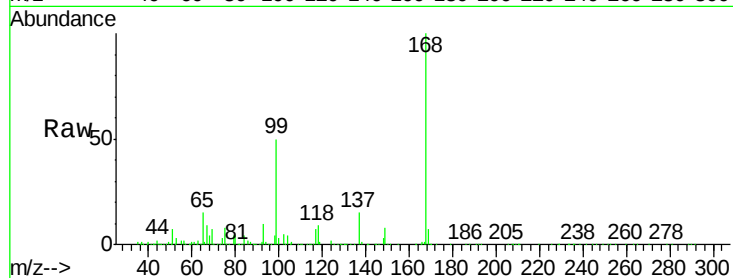
TP-9-S2RE

Tot Ion:168 Resp: 764089

Ion Ratio Lower Upper

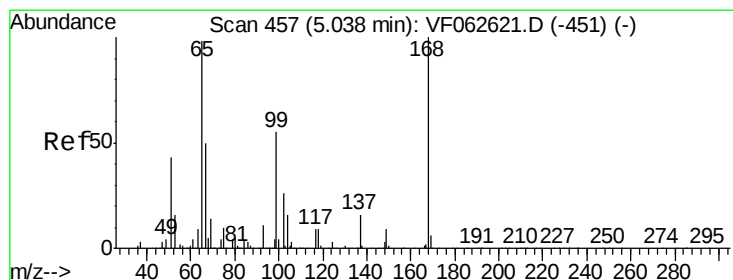
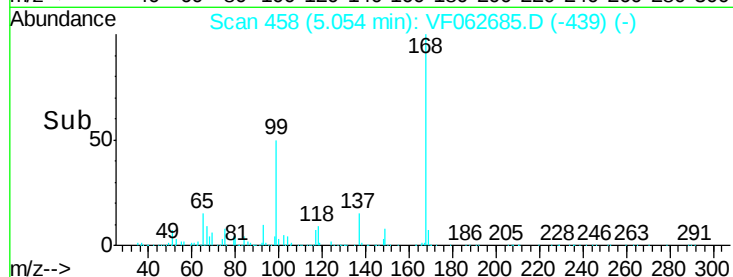
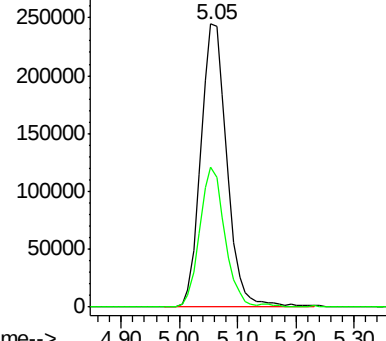
168 100

99 49.5 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 32.370 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF062685.D

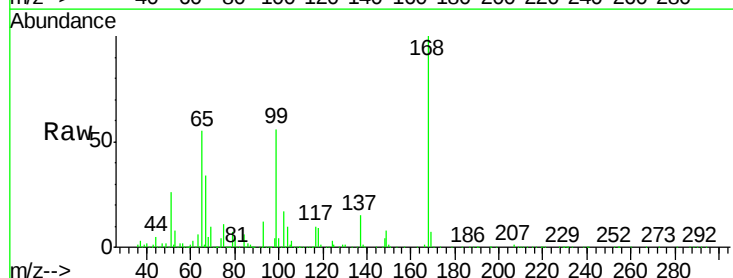
Acq: 21 May 2019 16:15

Tgt Ion: 65 Resp: 174780

Ion Ratio Lower Upper

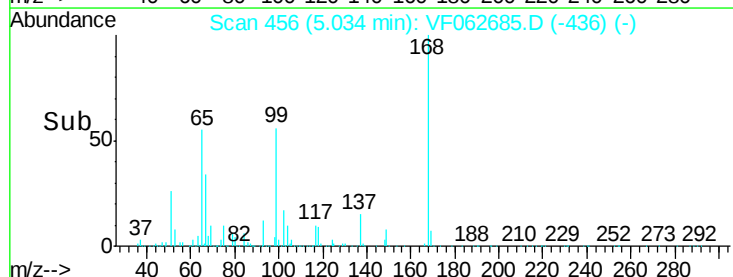
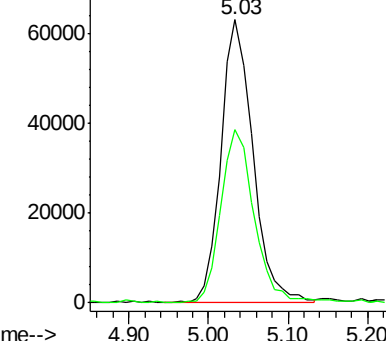
65 100

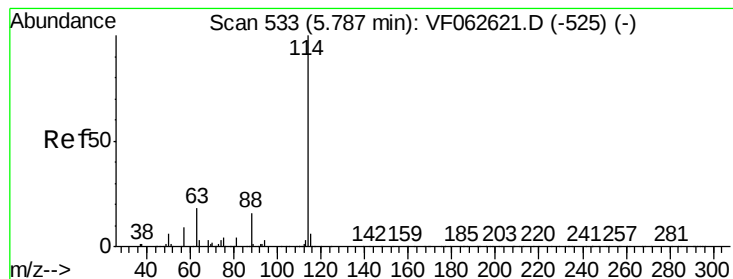
67 61.1 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF062685.D

Acq: 21 May 2019 16:15

Instrument :

MSVOA_F

ClientSampleId :

TP-9-S2RE

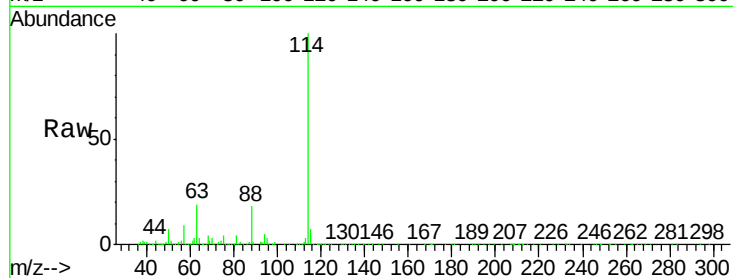
Tot Ion:114 Resp: 1216283

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.4

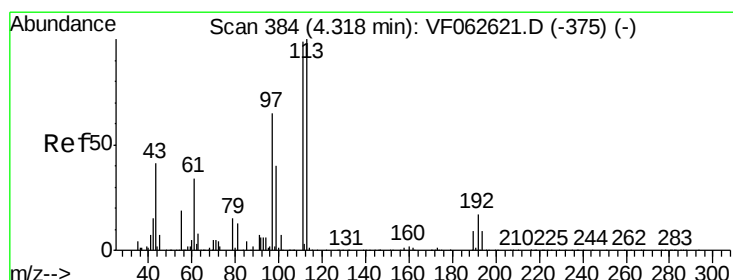
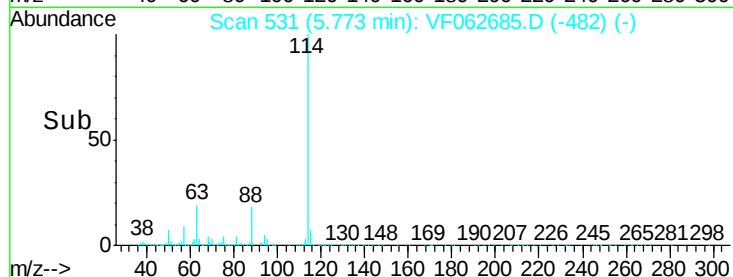
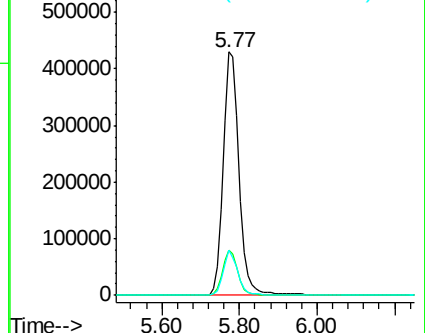
88 18.3 0.0 32.4



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: 37.628 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.00 min

Lab File: VF062685.D

Acq: 21 May 2019 16:15

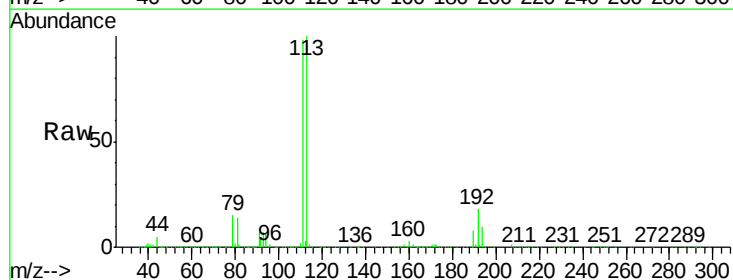
Tgt Ion:113 Resp: 350206

Ion Ratio Lower Upper

113 100

111 97.6 79.4 119.2

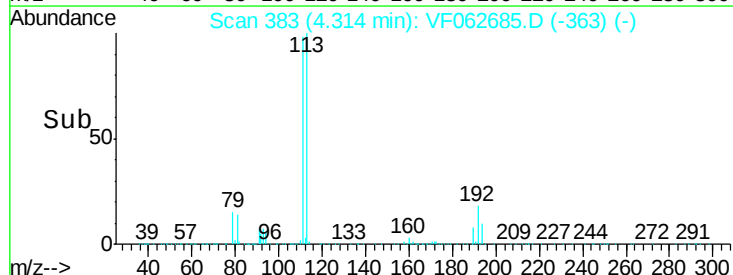
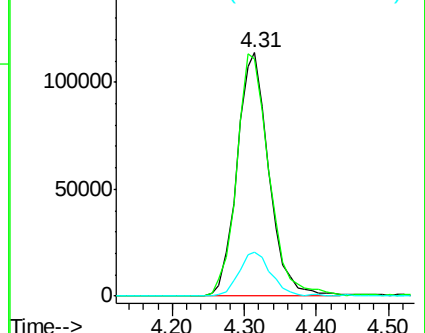
192 17.9 13.4 20.2

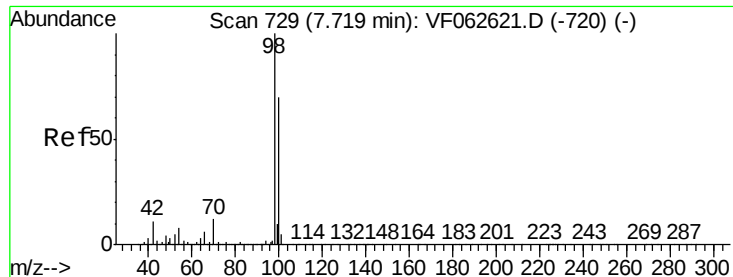


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 29.035 ug/l

RT: 7.72 min Scan# 728

Delta R.T. -0.00 min

Lab File: VF062685.D

Acq: 21 May 2019 16:15

Instrument :

MSVOA_F

ClientSampleId :

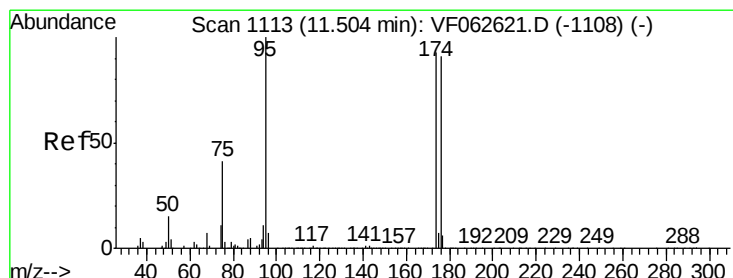
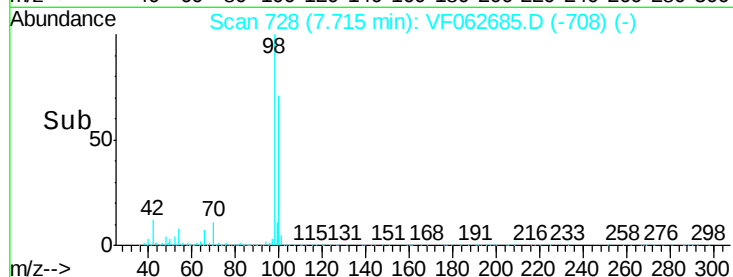
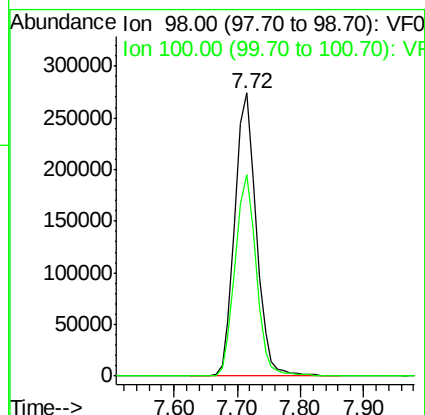
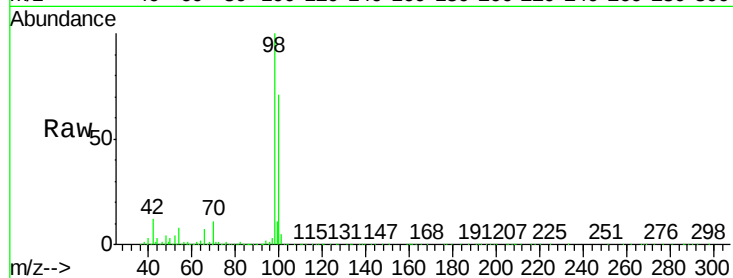
TP-9-S2RE

Tot Ion: 98 Resp: 645209

Ion Ratio Lower Upper

98 100

100 71.0 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 19.713 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF062685.D

Acq: 21 May 2019 16:15

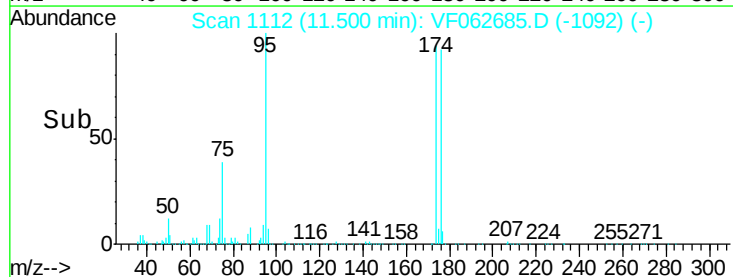
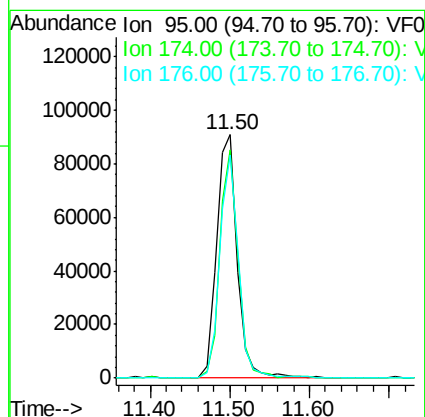
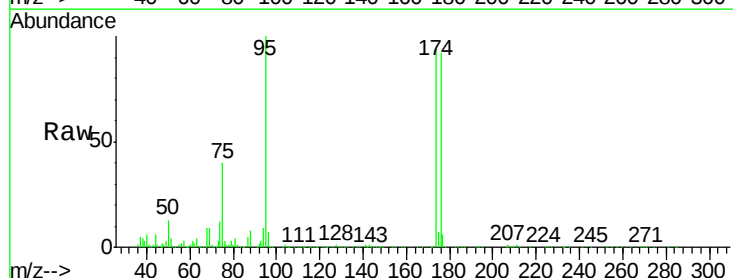
Tgt Ion: 95 Resp: 166143

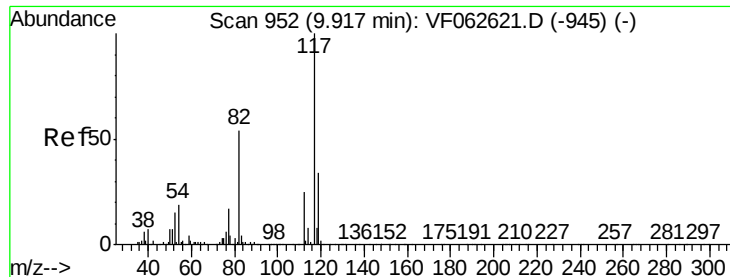
Ion Ratio Lower Upper

95 100

174 93.5 0.0 185.6

176 91.8 0.0 182.4

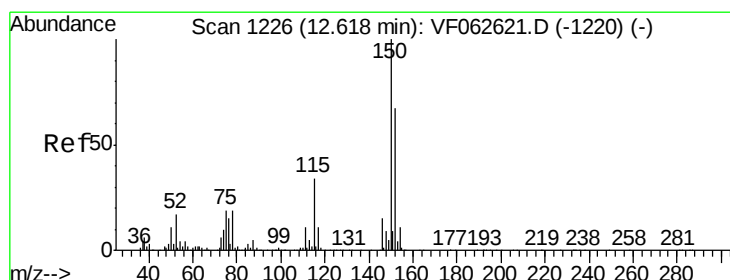
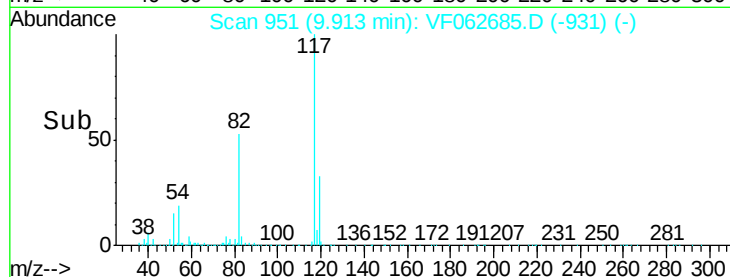
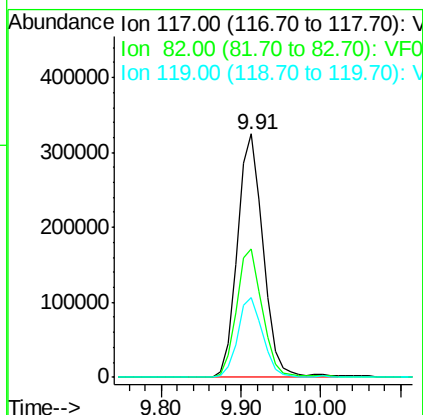
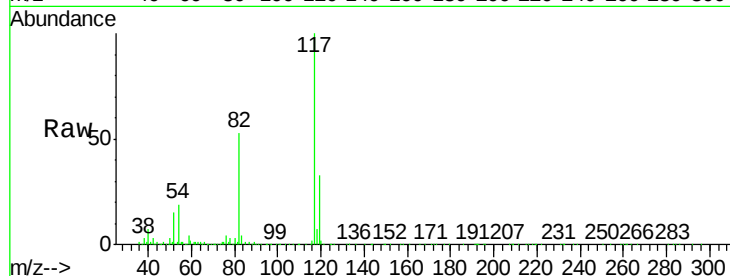




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF062685.D
Acq: 21 May 2019 16:15

Instrument :
MSVOA_F
ClientSampleId :
TP-9-S2RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.3	64.9
119	32.8	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062685.D
Acq: 21 May 2019 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	25.2	75.6
150	157.6	0.0	306.2

