

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062553.D
 Acq On : 13 May 2019 20:35
 Operator : FY/SY
 Sample : K2733-07RE
 Misc : 6.55g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS001-1218-01RE

Quant Time: May 14 07:53:28 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	5.08	168	248762	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	346474	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	253616	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	117704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	101881	43.34	ug/l	0.03
Spiked Amount	50.000		Recovery	=	86.68%	
35) Dibromofluoromethane	4.33	113	125598	45.50	ug/l	0.03
Spiked Amount	50.000		Recovery	=	91.00%	
50) Toluene-d8	7.73	98	228802	34.24	ug/l	0.03
Spiked Amount	50.000		Recovery	=	68.48%	
62) 4-Bromofluorobenzene	11.51	95	89681	29.75	ug/l	0.02
Spiked Amount	50.000		Recovery	=	59.50%	

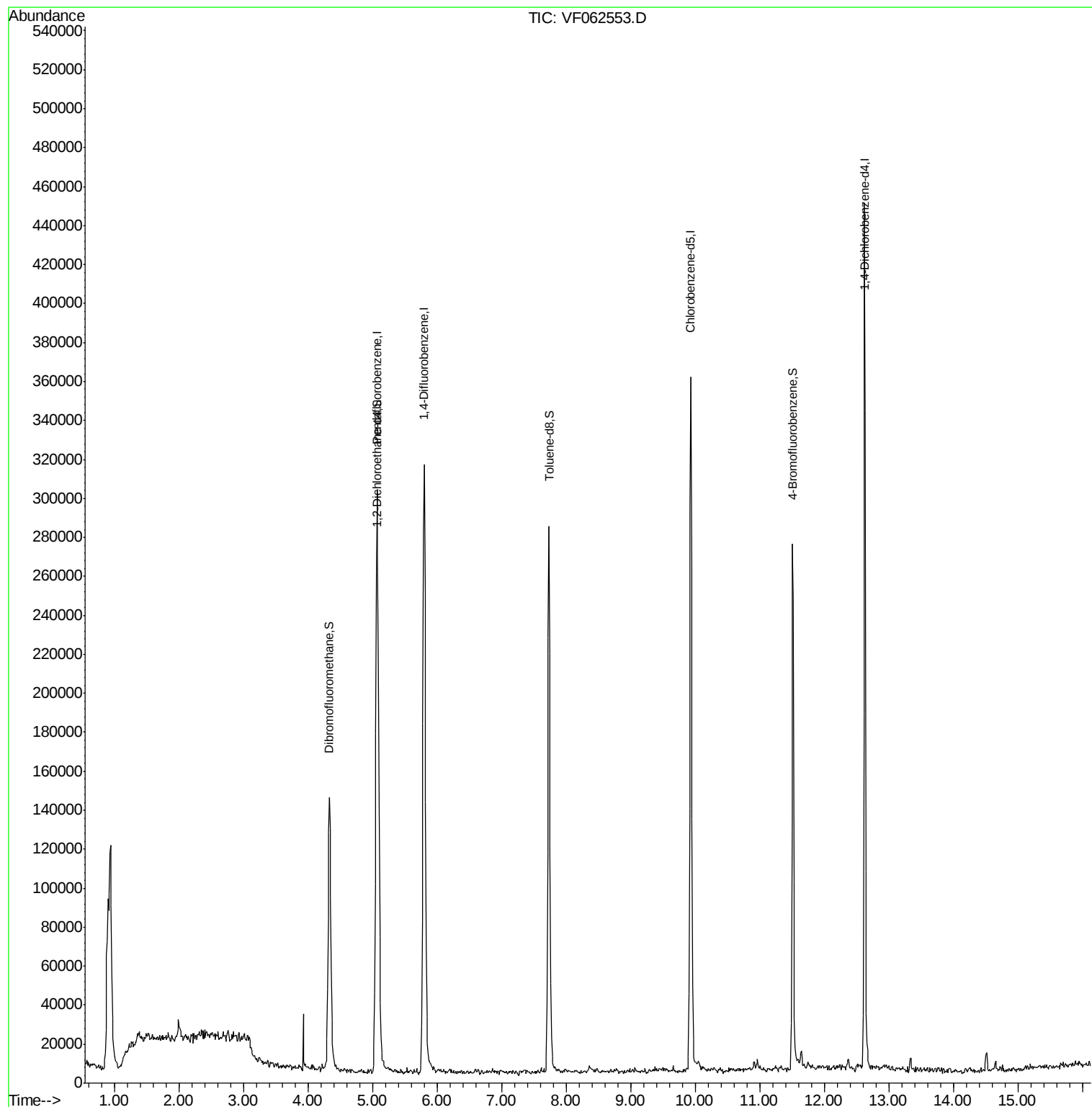
Target Compounds	Qvalue

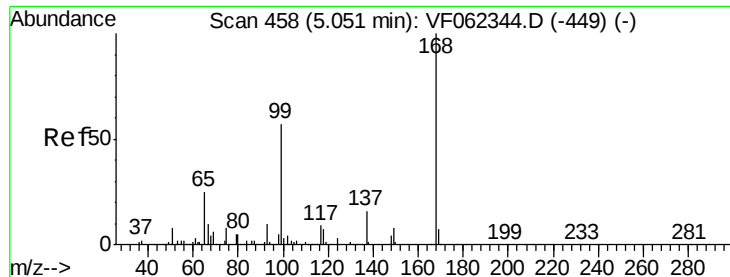
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062553.D

Acq: 13 May 2019 20:35

Instrument :

MSVOA_F

ClientSampleId :

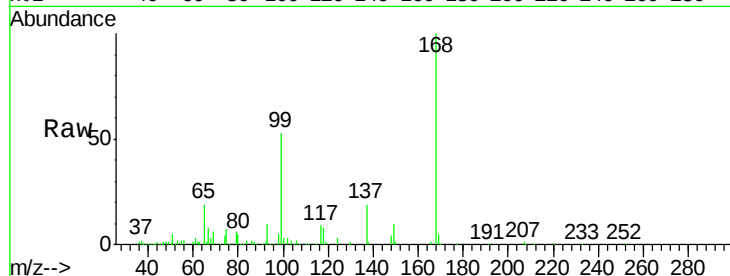
P021-SS001-1218-01RE

Tot Ion:168 Resp: 248762

Ion Ratio Lower Upper

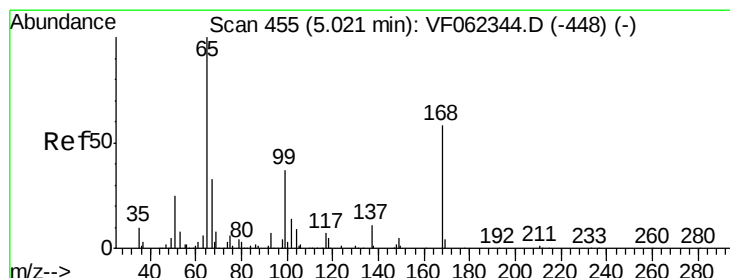
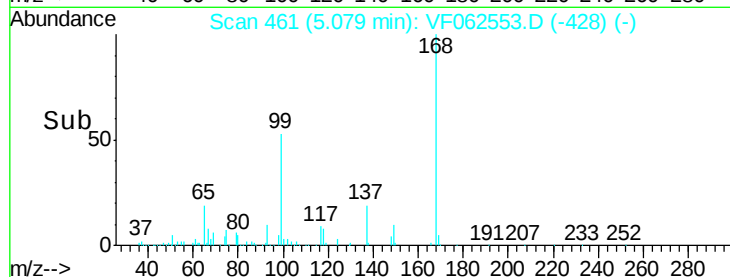
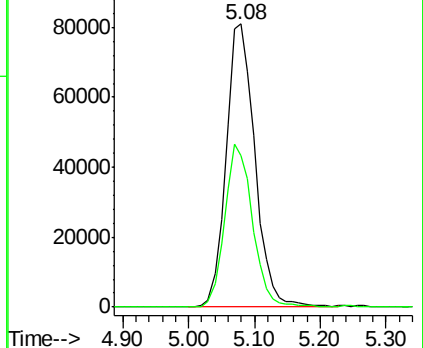
168 100

99 53.3 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: 43.337 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062553.D

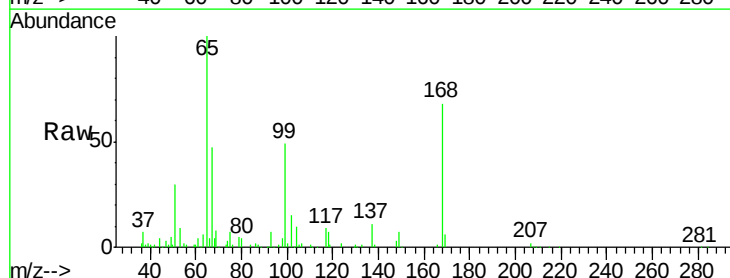
Acq: 13 May 2019 20:35

Tgt Ion: 65 Resp: 101881

Ion Ratio Lower Upper

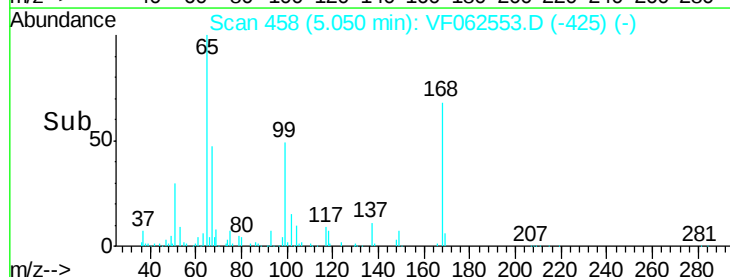
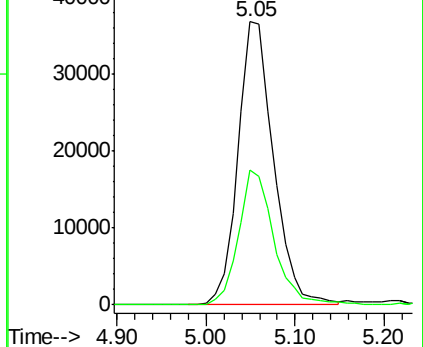
65 100

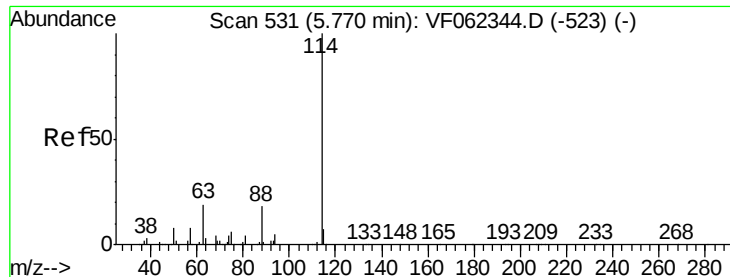
67 47.6 0.0 85.8



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: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062553.D

Acq: 13 May 2019 20:35

Instrument :

MSVOA_F

ClientSampleId :

P021-SS001-1218-01RE

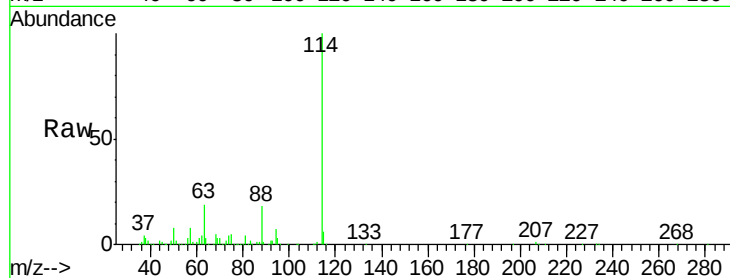
Tot Ion:114 Resp: 346474

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

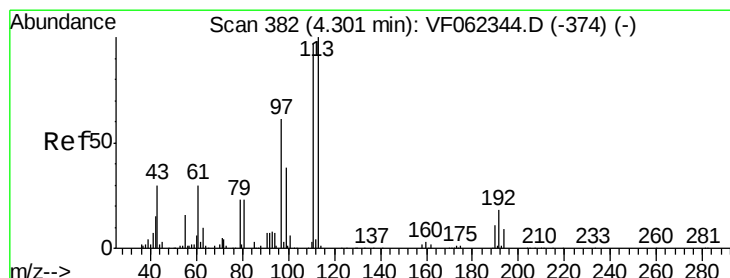
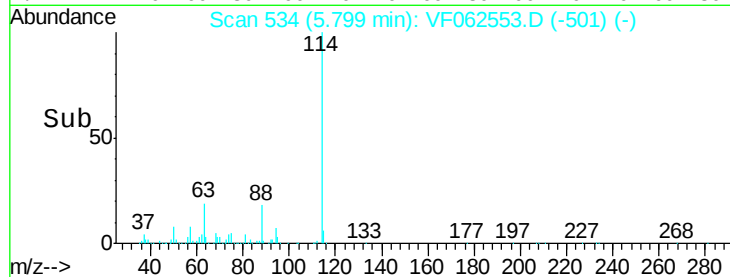
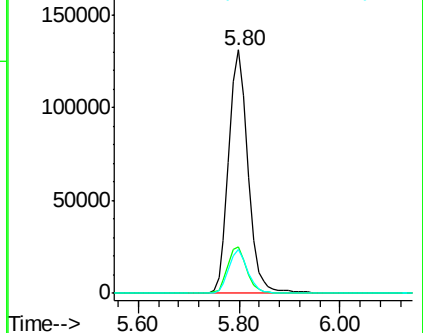
88 18.1 0.0 36.4



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: 45.502 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062553.D

Acq: 13 May 2019 20:35

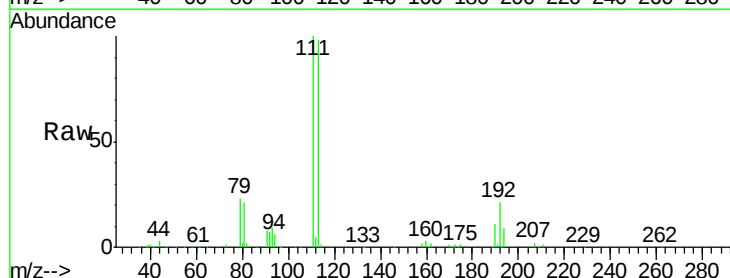
Tgt Ion:113 Resp: 125598

Ion Ratio Lower Upper

113 100

111 101.2 79.4 119.0

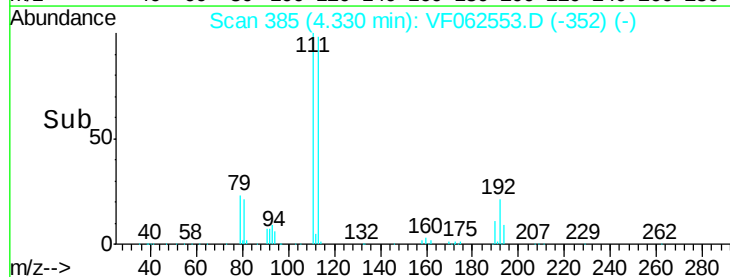
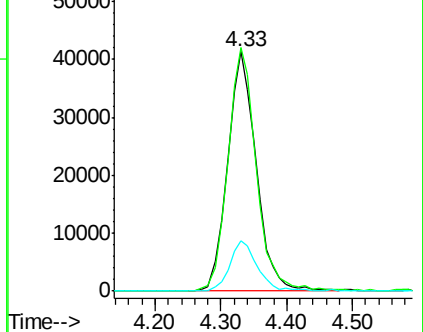
192 20.4 16.0 24.0

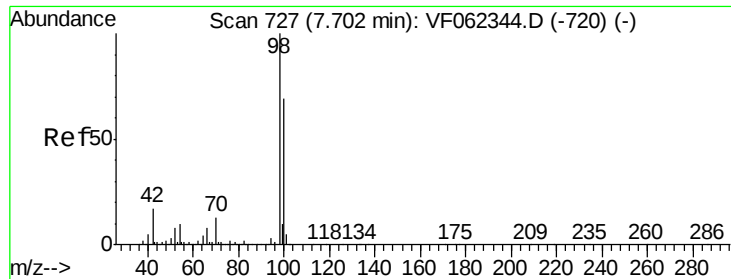


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

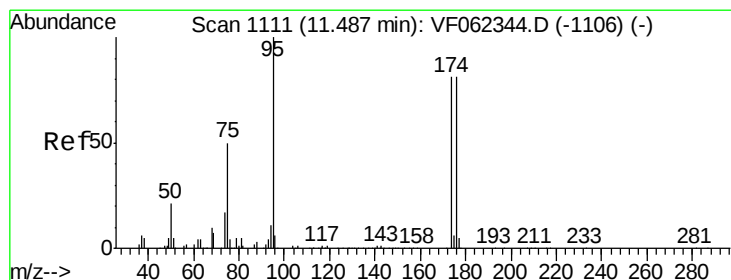
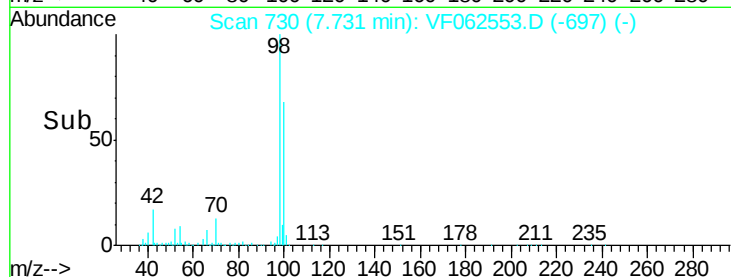
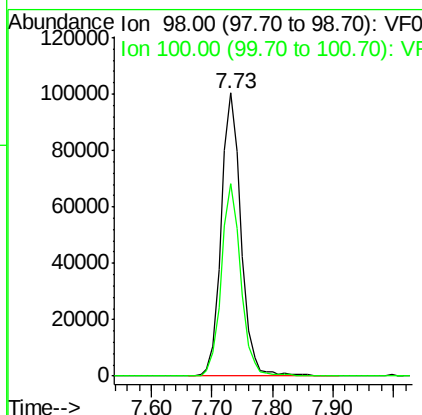
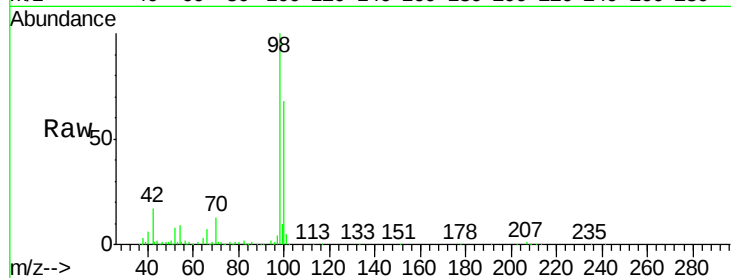




#50
Toluene-d8
Concen: 34.243 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062553.D
Acq: 13 May 2019 20:35

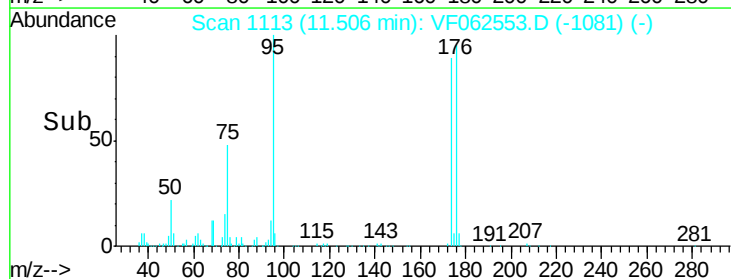
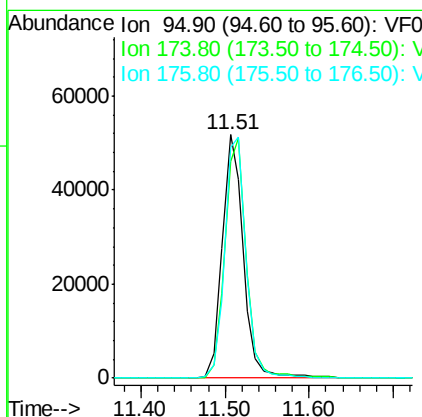
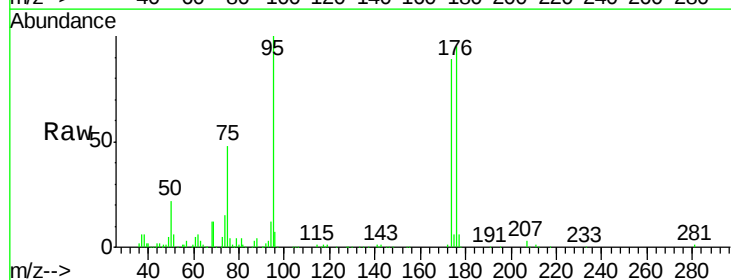
Instrument :
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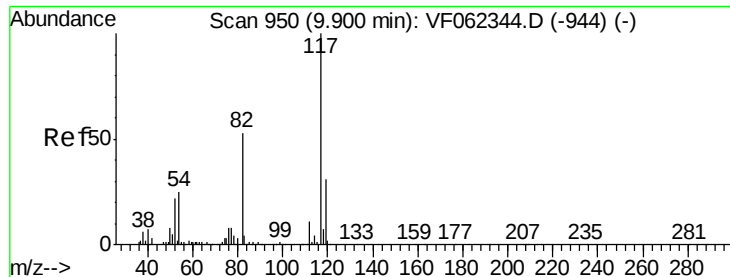
Tot Ion: 98 Resp: 228802
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 29.749 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062553.D
Acq: 13 May 2019 20:35

Tgt Ion: 95 Resp: 89681
Ion Ratio Lower Upper
95 100
174 100.6 0.0 191.8
176 100.3 0.0 193.2

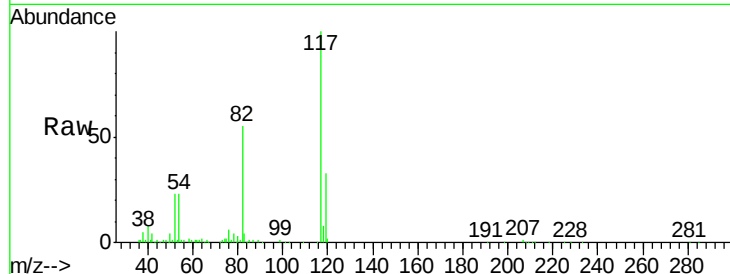




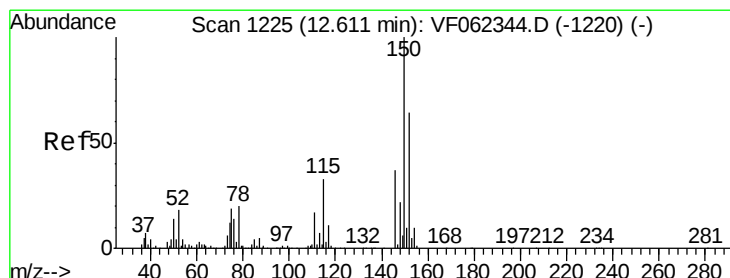
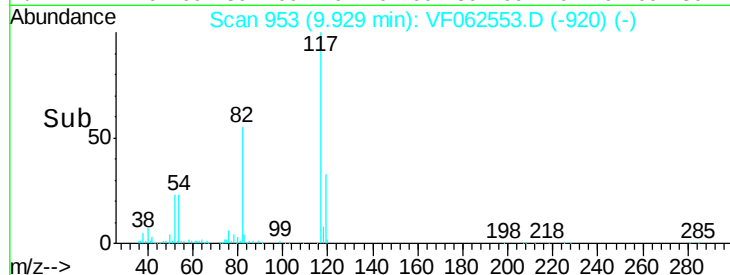
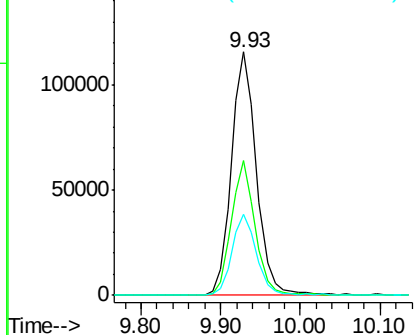
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062553.D
Acq: 13 May 2019 20:35

Instrument :
MSVOA_F
ClientSampleId :
P021-SS001-1218-01RE

Tot Ion:117 Resp: 253616
Ion Ratio Lower Upper
117 100
82 55.3 42.2 63.2
119 33.1 25.0 37.4

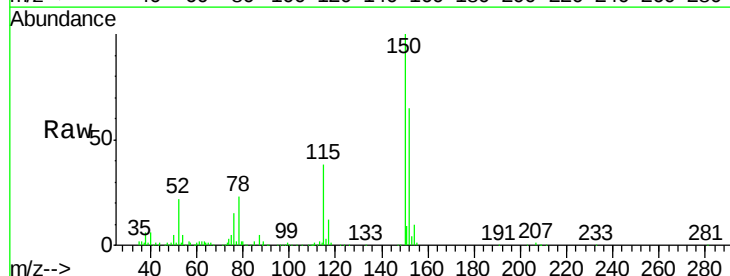


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062553.D
Acq: 13 May 2019 20:35

Tgt Ion:152 Resp: 117704
Ion Ratio Lower Upper
152 100
115 53.9 26.4 79.2
150 153.4 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

