

Data File : VF062453.D
Acq On : 11 May 2019 11:52
Operator : FY/SY
Sample : VF0511SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0511SBL01

Quant Time: May 12 04:06:04 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	333115	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	445270	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	411700	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	268175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	167649	53.25	ug/l	0.02
Spiked Amount	50.000		Recovery	=	106.50%	
35) Dibromofluoromethane	4.32	113	210772	59.42	ug/l	0.02
Spiked Amount	50.000		Recovery	=	118.84%	
50) Toluene-d8	7.72	98	515107	59.99	ug/l	0.02
Spiked Amount	50.000		Recovery	=	119.98%	
62) 4-Bromofluorobenzene	11.50	95	221145	57.08	ug/l	0.02
Spiked Amount	50.000		Recovery	=	114.16%	

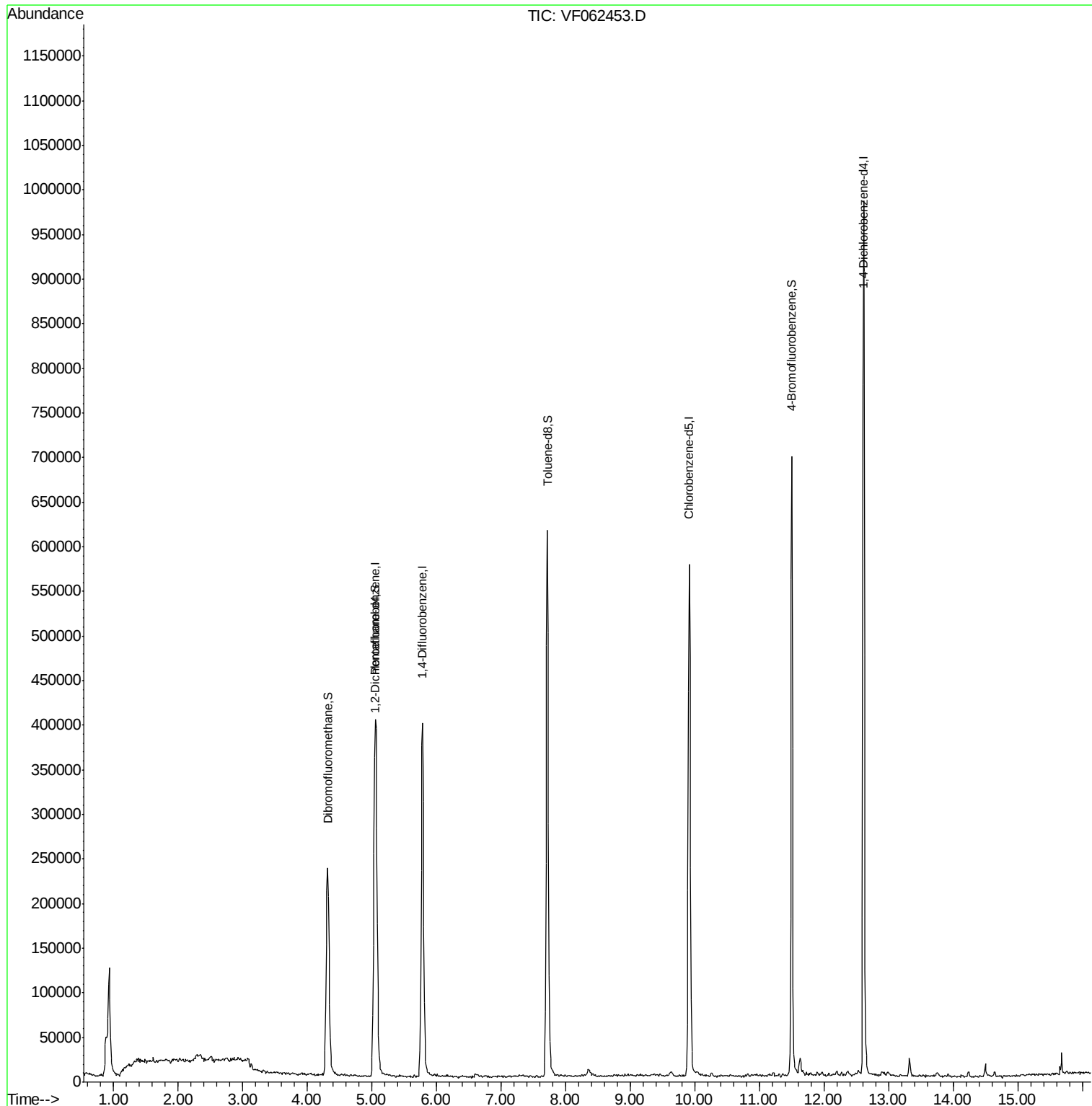
Target Compounds	Qvalue
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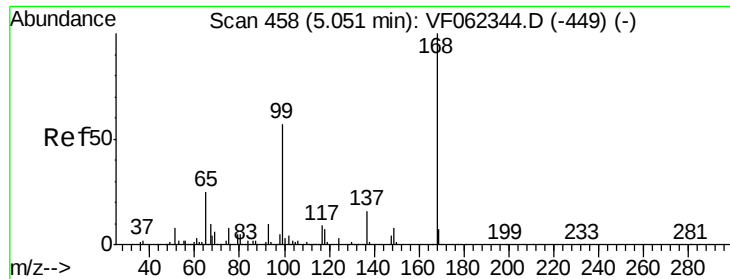
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

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ClientSampleId :

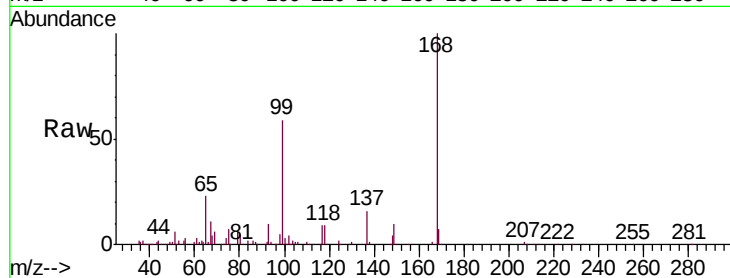
VF0511SBL01

Tgt Ion:168 Resp: 333115

Ion Ratio Lower Upper

168 100

99 58.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.07

120000

100000

80000

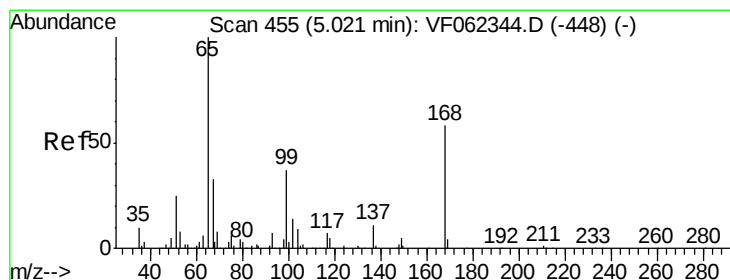
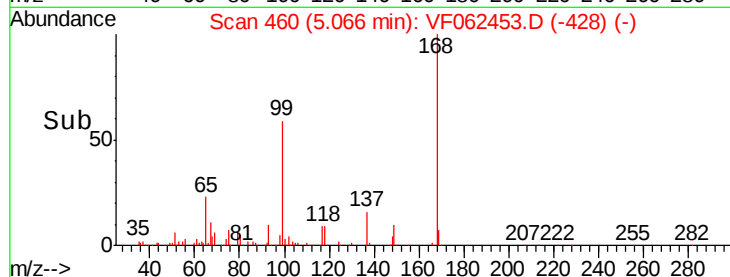
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.254 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062453.D

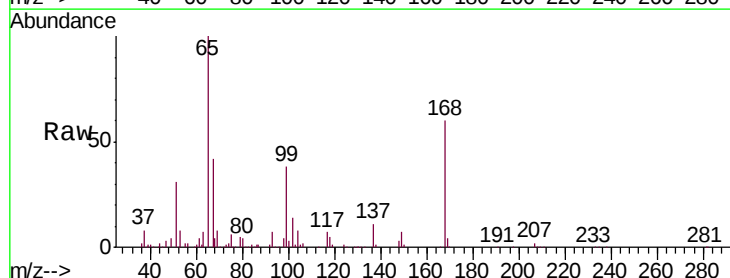
Acq: 11 May 2019 11:52

Tgt Ion: 65 Resp: 167649

Ion Ratio Lower Upper

65 100

67 46.0 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

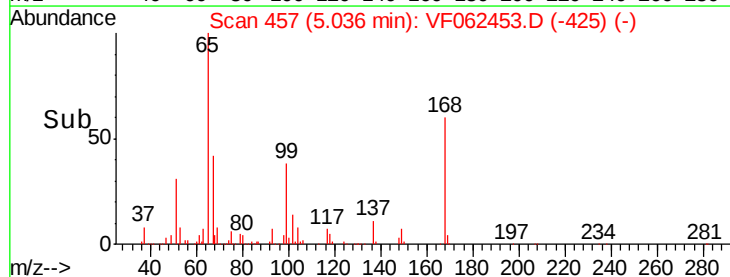
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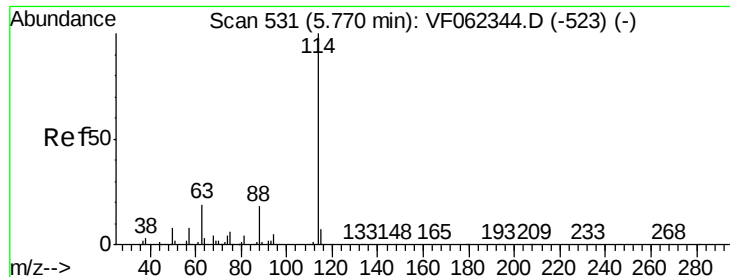
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062453.D

Acq: 11 May 2019 11:52

Instrument :

MSVOA_F

ClientSampleId :

VF0511SBL01

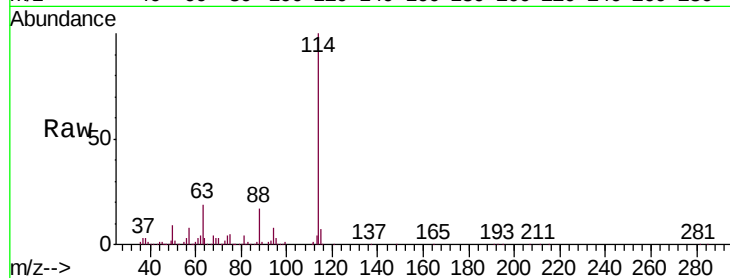
Tgt Ion:114 Resp: 445270

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

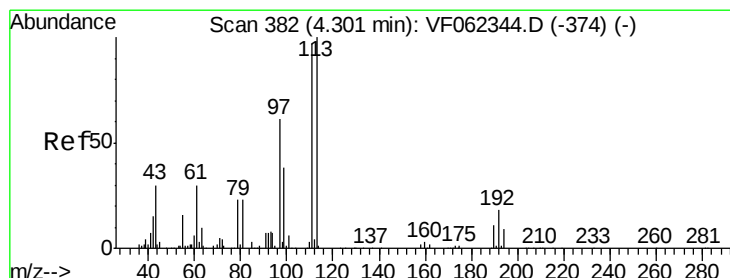
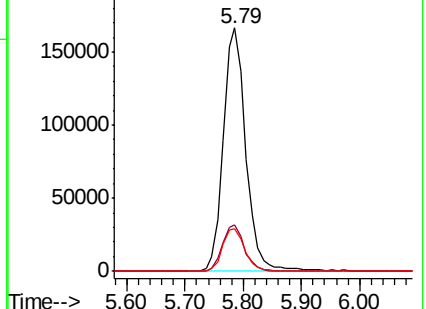
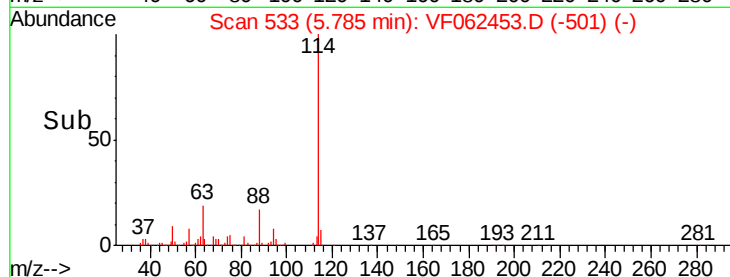
88 17.3 0.0 36.4



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: 59.416 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062453.D

Acq: 11 May 2019 11:52

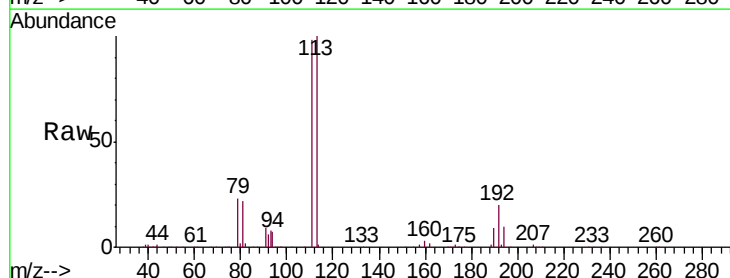
Tgt Ion:113 Resp: 210772

Ion Ratio Lower Upper

113 100

111 101.2 79.4 119.0

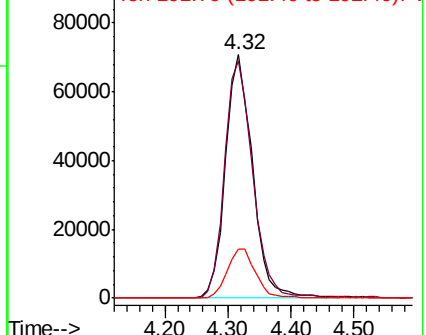
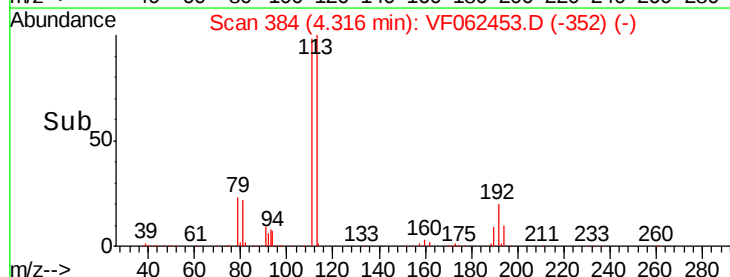
192 20.9 16.0 24.0

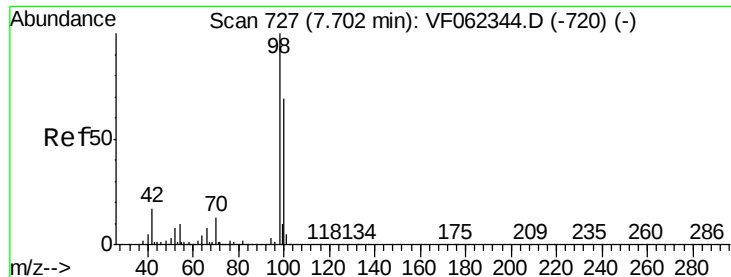


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

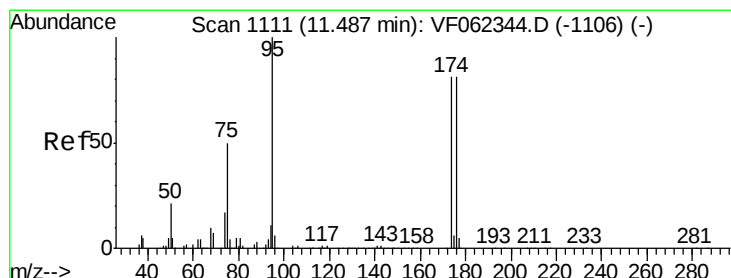
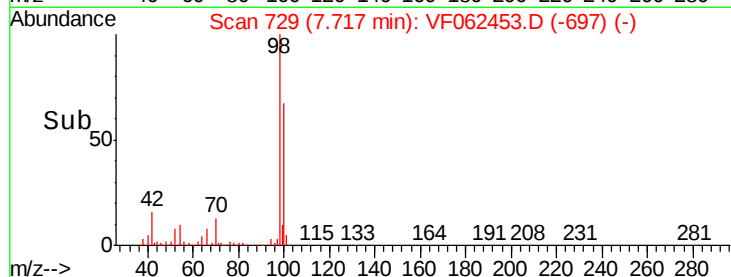
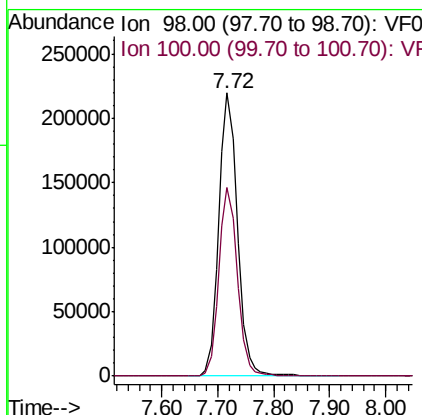
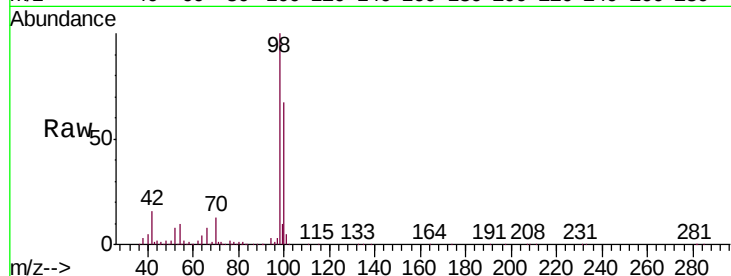




#50
Toluene-d8
Concen: 59.987 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062453.D
Acq: 11 May 2019 11:52

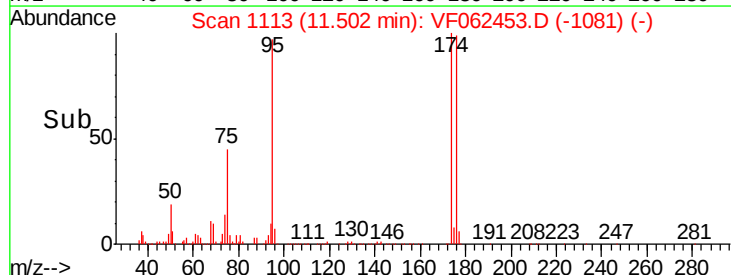
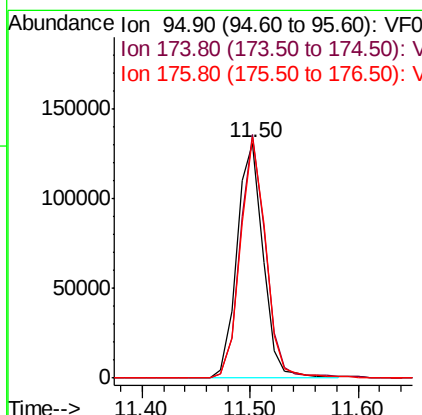
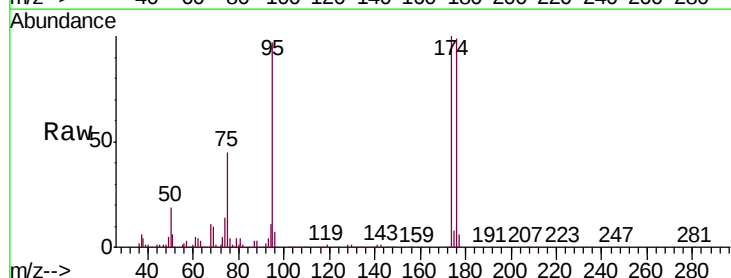
Instrument :
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ClientSampleId :
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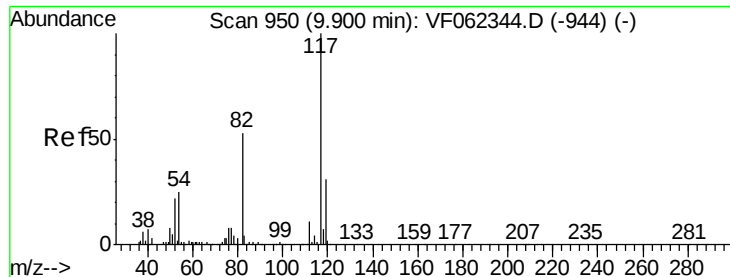
Tgt Ion: 98 Resp: 515107
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 57.082 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062453.D
Acq: 11 May 2019 11:52

Tgt Ion: 95 Resp: 221145
Ion Ratio Lower Upper
95 100
174 100.2 0.0 191.8
176 98.9 0.0 193.2

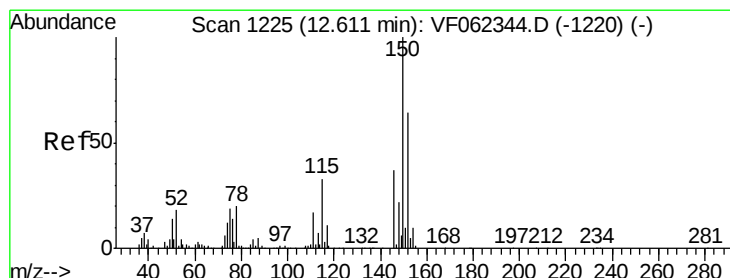
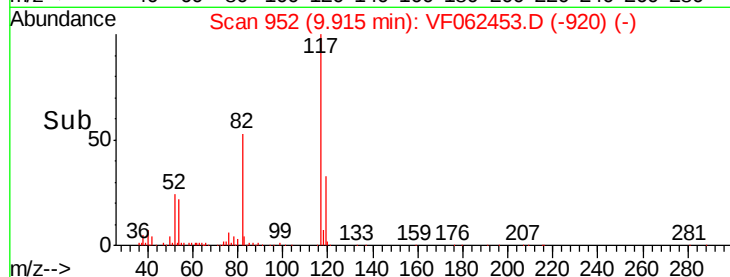
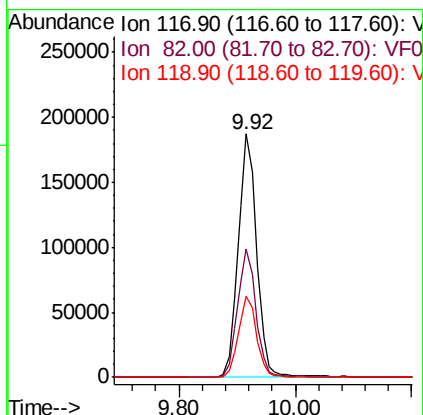
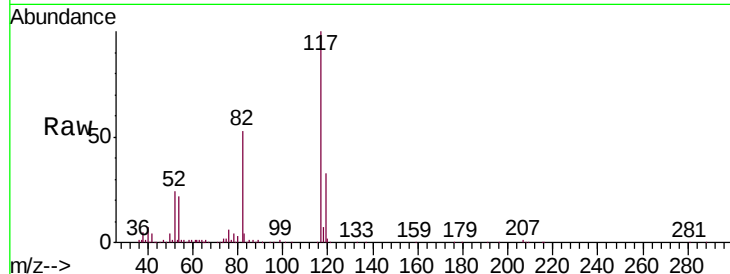




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062453.D
Acq: 11 May 2019 11:52

Instrument :
MSVOA_F
ClientSampleId :
VF0511SBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.2	63.2
119	33.0	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: VF062453.D
Acq: 11 May 2019 11:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.4	79.2
150	151.3	0.0	335.0

