

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062631.D
 Acq On : 17 May 2019 11:11
 Operator : FY/SY
 Sample : VF0517SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0517SBL01

Quant Time: May 17 16:09:43 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	5.07	168	897963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1429130	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	1176306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	518759	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	270043	42.56	ug/l	0.01
Spiked Amount	50.000		Recovery	=	85.12%	
35) Dibromofluoromethane	4.32	113	494145	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
50) Toluene-d8	7.72	98	1253383	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.50	95	431700	43.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.18%	

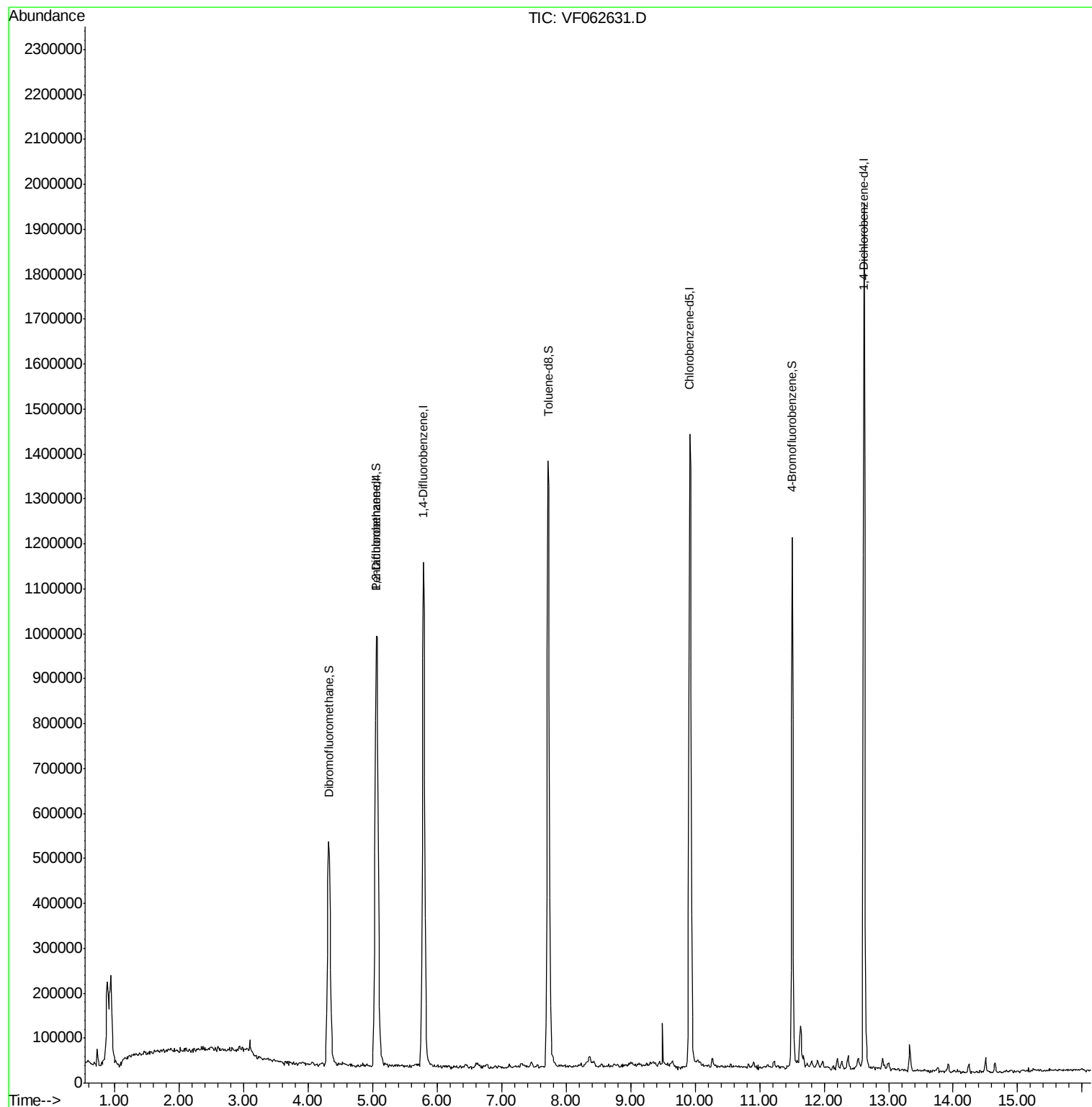
Target Compounds	Qvalue

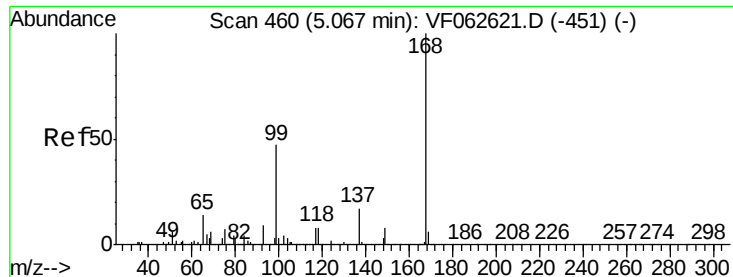
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062631.D

Acq: 17 May 2019 11:11

Instrument :

MSVOA_F

ClientSampleId :

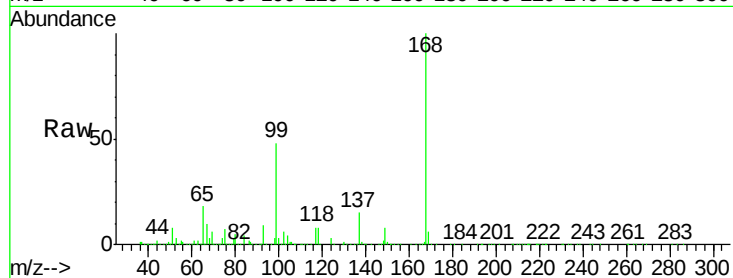
VF0517SBL01

Tot Ion:168 Resp: 897963

Ion Ratio Lower Upper

168 100

99 48.1 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

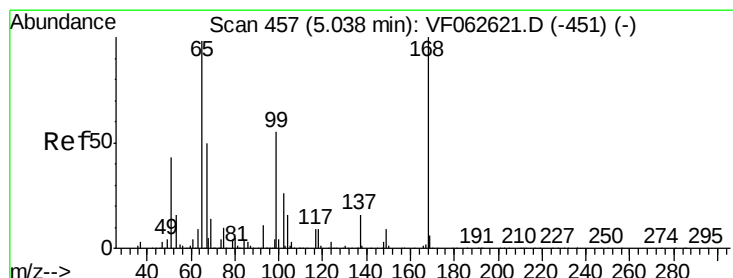
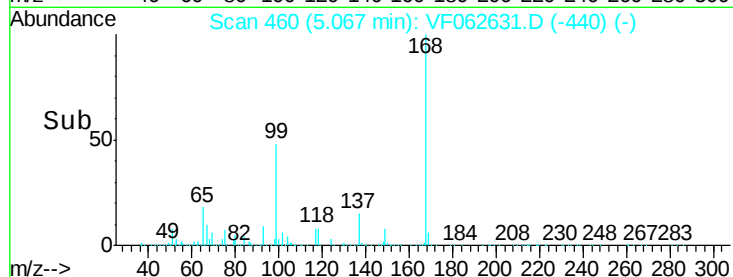
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.557 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062631.D

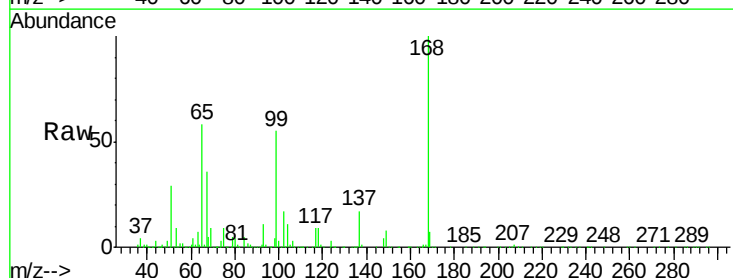
Acq: 17 May 2019 11:11

Tgt Ion: 65 Resp: 270043

Ion Ratio Lower Upper

65 100

67 61.7 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.05

100000

80000

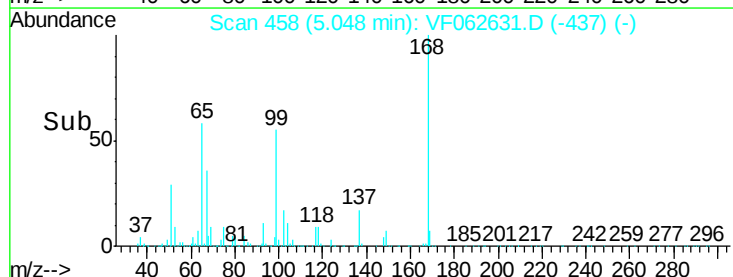
60000

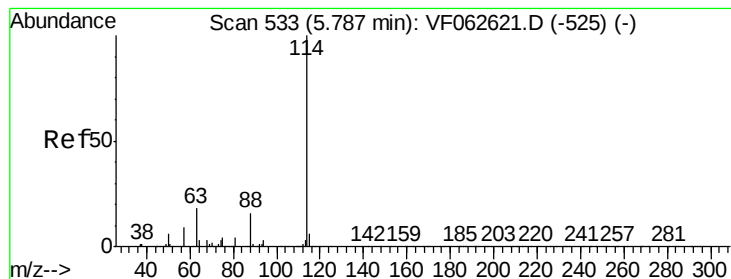
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF062631.D

Acq: 17 May 2019 11:11

Instrument :

MSVOA_F

ClientSampleId :

VF0517SBL01

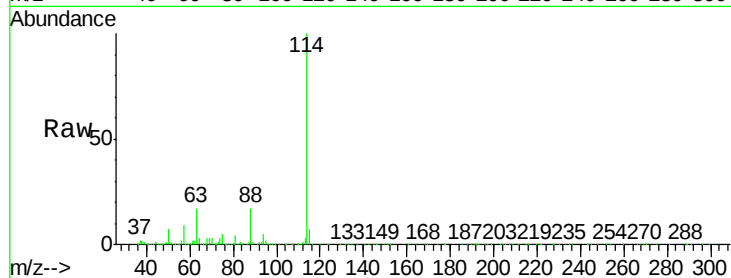
Tot Ion:114 Resp: 1429130

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

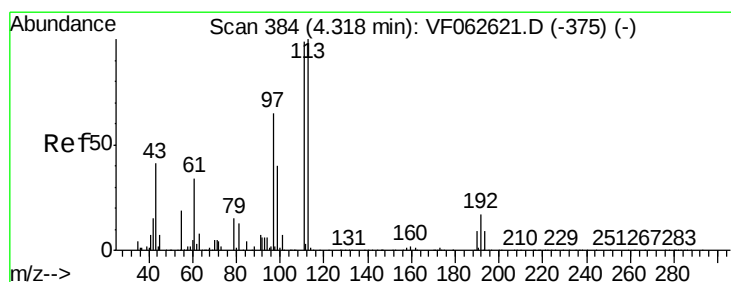
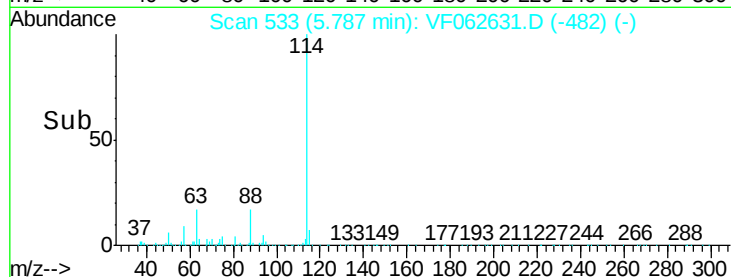
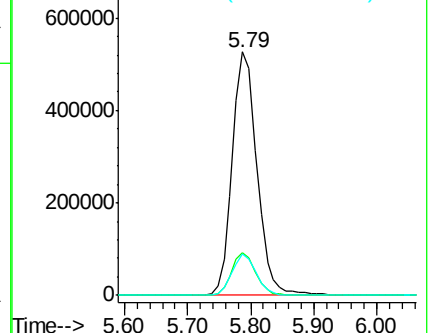
88 17.1 0.0 32.4



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: 45.186 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062631.D

Acq: 17 May 2019 11:11

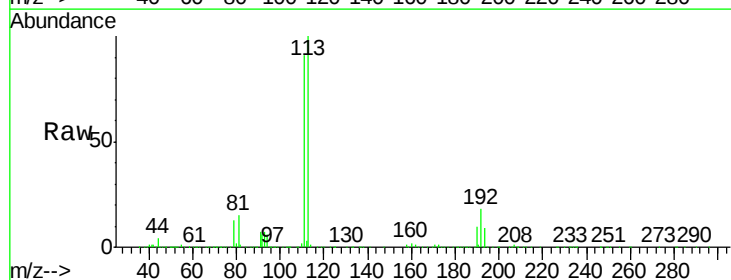
Tgt Ion:113 Resp: 494145

Ion Ratio Lower Upper

113 100

111 91.4 79.4 119.2

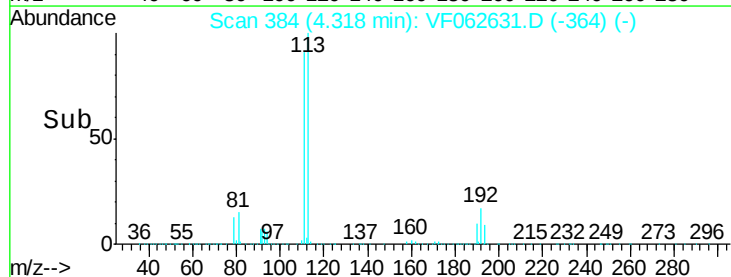
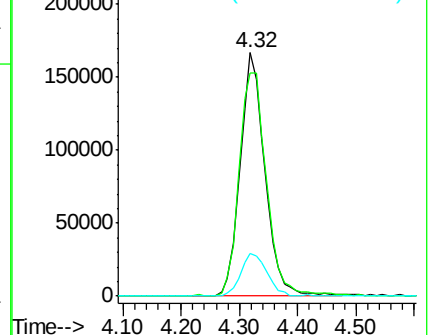
192 17.6 13.4 20.2

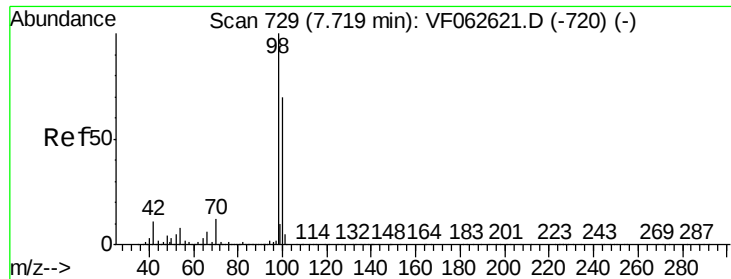


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

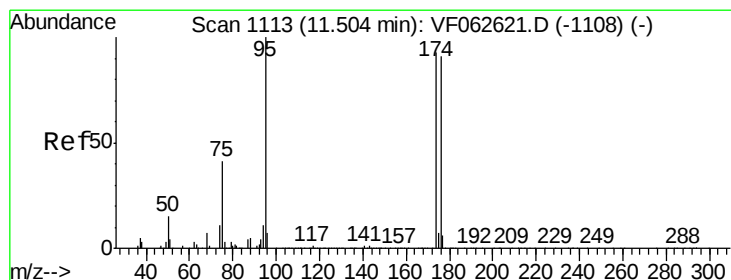
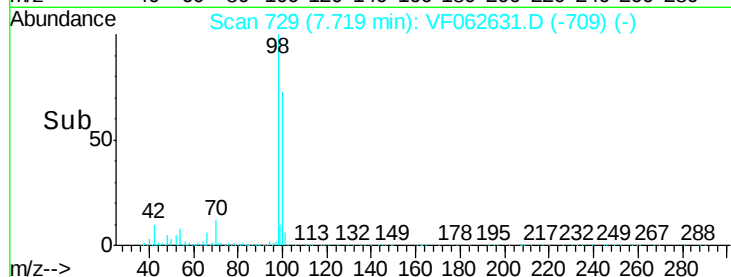
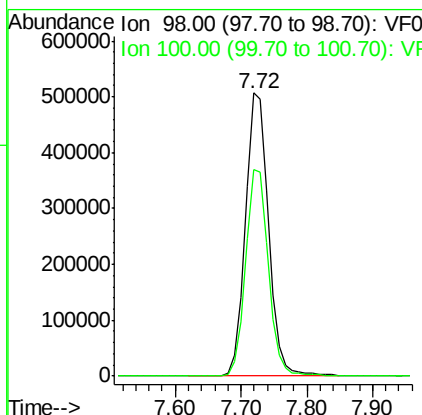
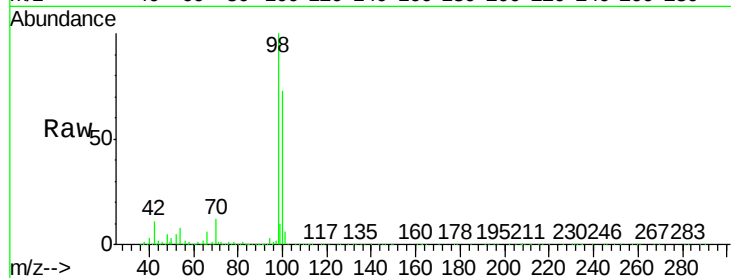




#50
Toluene-d8
Concen: 48.003 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF062631.D
Acq: 17 May 2019 11:11

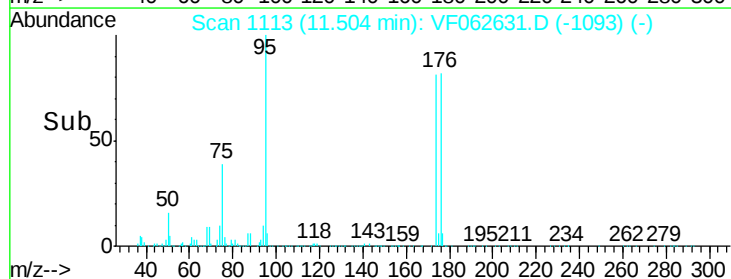
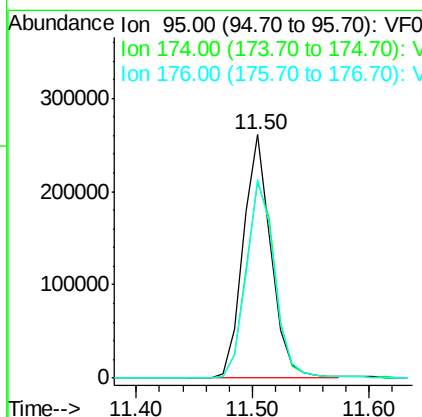
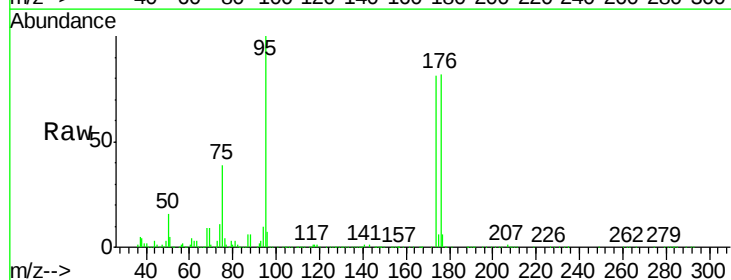
Instrument :
MSVOA_F
ClientSampleId :
VF0517SBL01

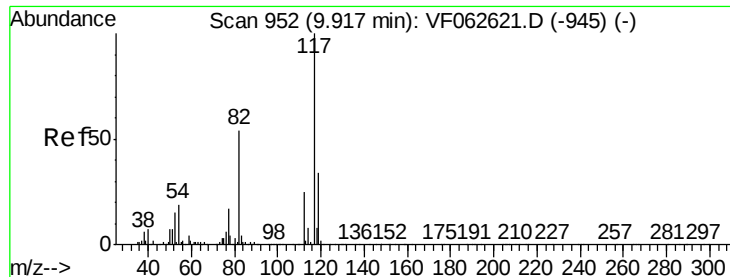
Tot Ion: 98 Resp: 1253383
Ion Ratio Lower Upper
98 100
100 72.9 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 43.594 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF062631.D
Acq: 17 May 2019 11:11

Tgt Ion: 95 Resp: 431700
Ion Ratio Lower Upper
95 100
174 80.8 0.0 185.6
176 81.7 0.0 182.4

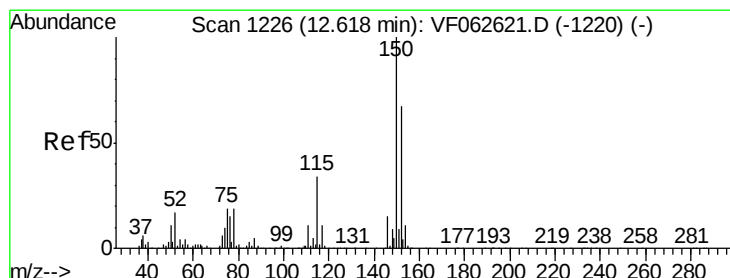
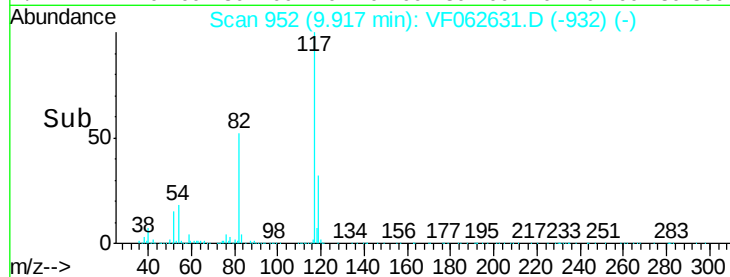
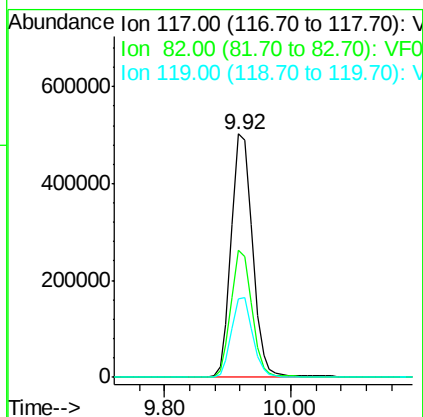
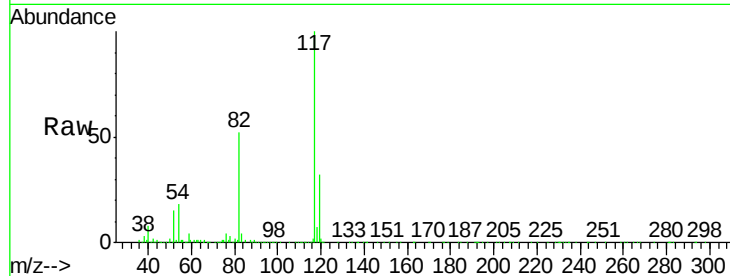




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062631.D
Acq: 17 May 2019 11:11

Instrument :
MSVOA_F
ClientSampleId :
VF0517SBL01

Tot Ion:117 Resp: 1176306
Ion Ratio Lower Upper
117 100
82 52.3 43.3 64.9
119 32.5 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062631.D
Acq: 17 May 2019 11:11

Tgt Ion:152 Resp: 518759
Ion Ratio Lower Upper
152 100
115 52.7 25.2 75.6
150 149.0 0.0 306.2

