

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052919\
 Data File : VF062779.D
 Acq On : 29 May 2019 13:36
 Operator : FY/SY
 Sample : K3072-06RE
 Misc : 6.06g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-6RE

Quant Time: Jun 10 00:46:29 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	5.08	168	788226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1348705	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1050780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	451941	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	219010	39.32	ug/l	0.02
Spiked Amount						
			Recovery	=	78.64%	
35) Dibromofluoromethane	4.33	113	389376	37.73	ug/l	0.00
Spiked Amount						
			Recovery	=	75.46%	
50) Toluene-d8	7.73	98	913219	37.06	ug/l	0.00
Spiked Amount						
			Recovery	=	74.12%	
62) 4-Bromofluorobenzene	11.50	95	336385	35.99	ug/l	0.00
Spiked Amount						
			Recovery	=	71.98%	

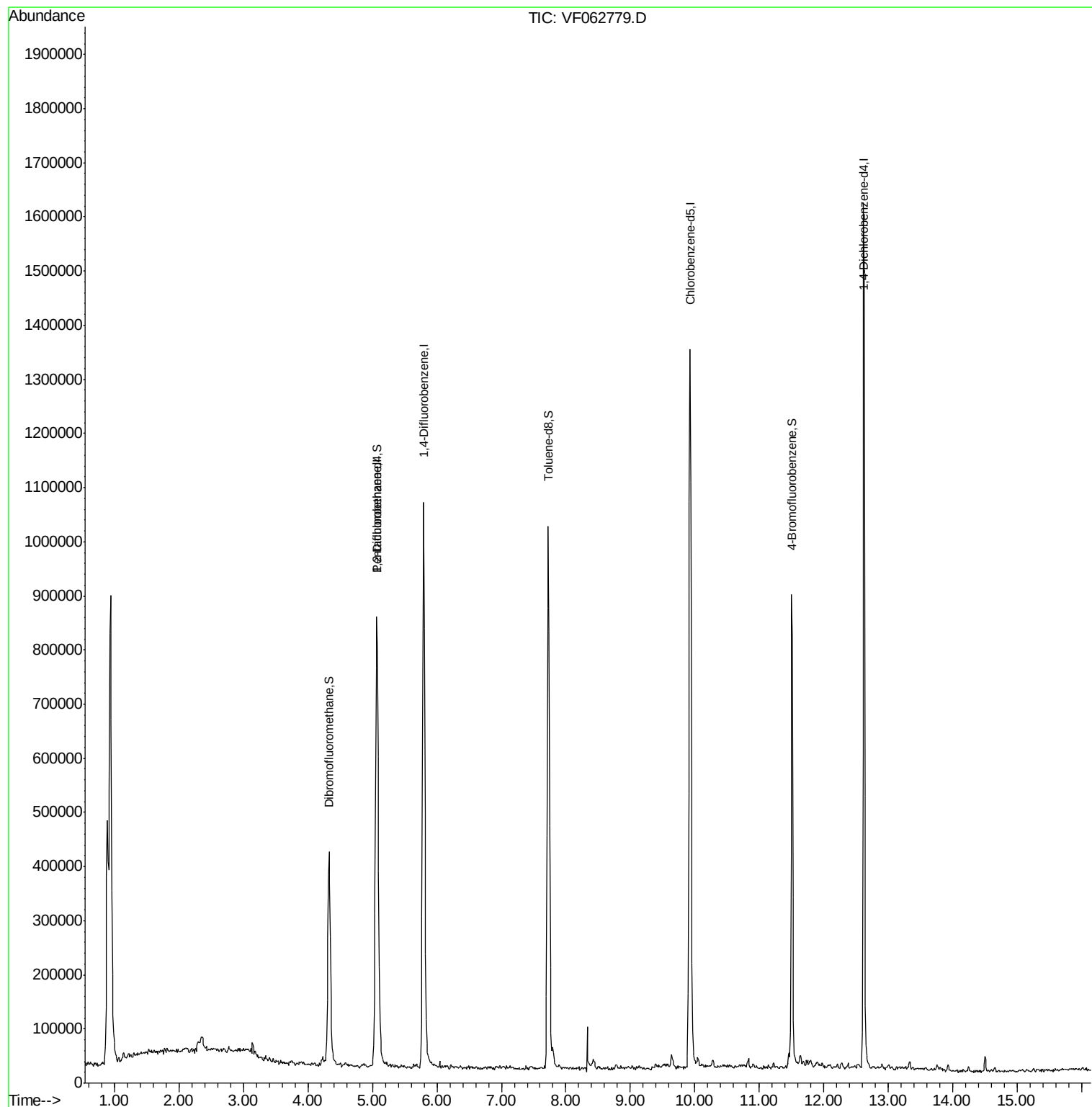
Target Compounds	Qvalue

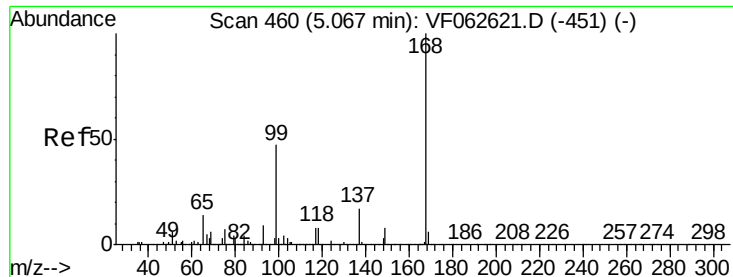
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062779.D

Acq: 29 May 2019 13:36

Instrument :

MSVOA_F

ClientSampleId :

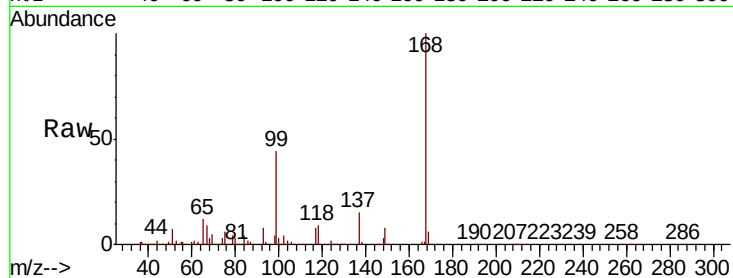
TP-6RE

Tot Ion:168 Resp: 788226

Ion Ratio Lower Upper

168 100

99 43.8 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

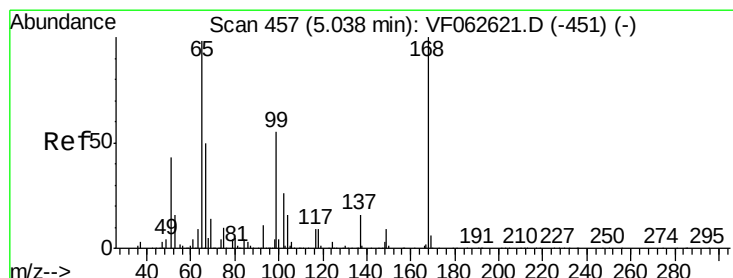
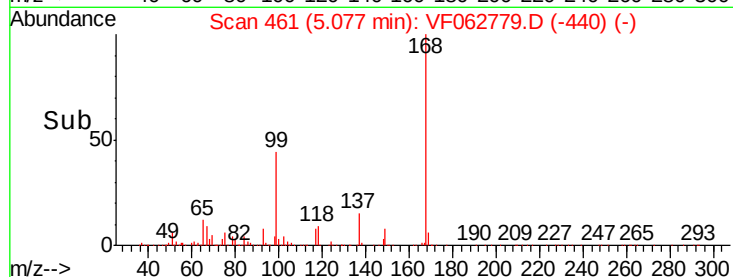
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 39.320 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062779.D

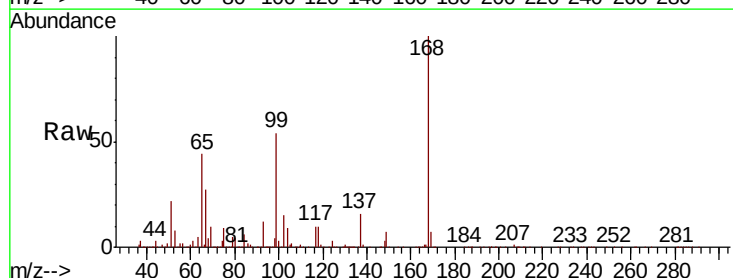
Acq: 29 May 2019 13:36

Tgt Ion: 65 Resp: 219010

Ion Ratio Lower Upper

65 100

67 62.1 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.06

80000

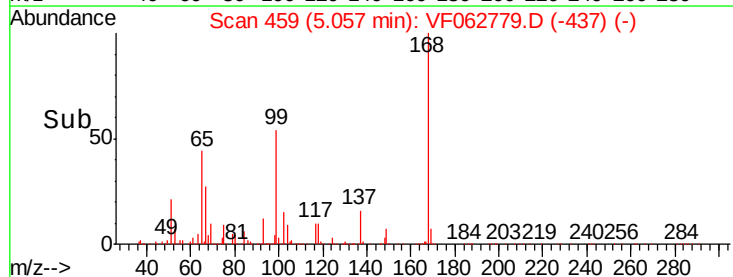
60000

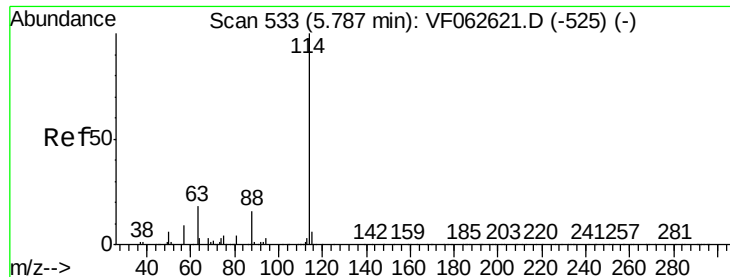
40000

20000

0

Time--> 4.90 5.00 5.10 5.20

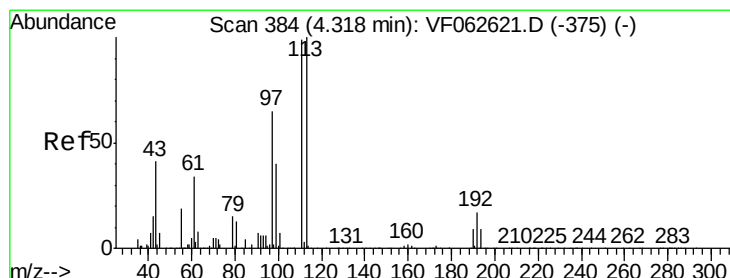
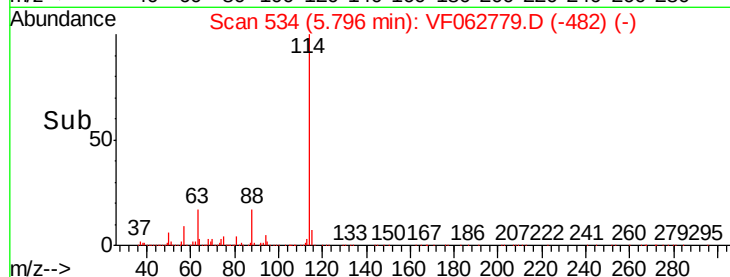
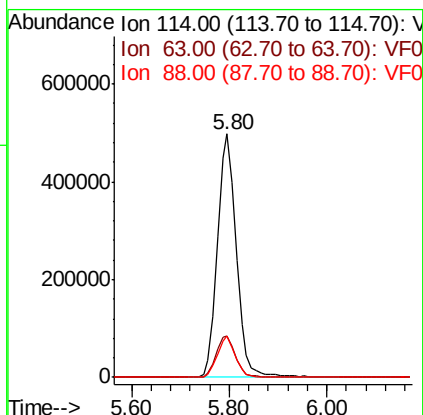
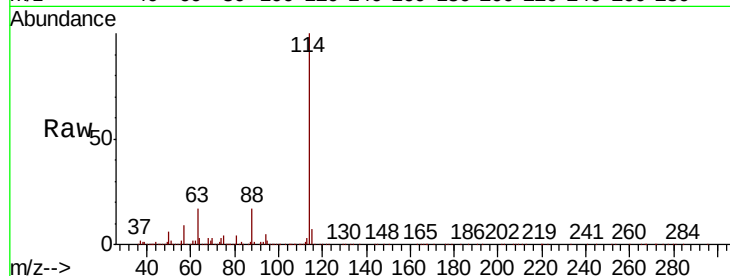




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.01 min
Lab File: VF062779.D
Acq: 29 May 2019 13:36

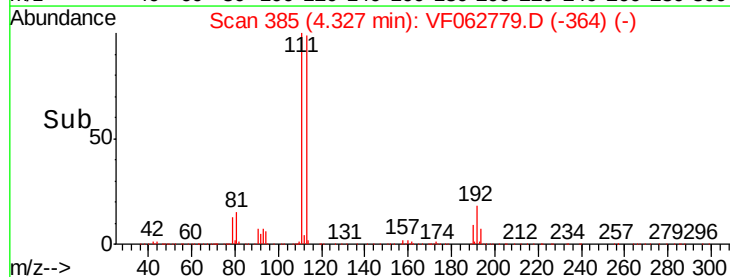
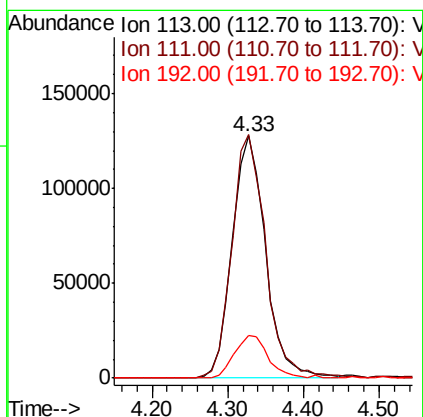
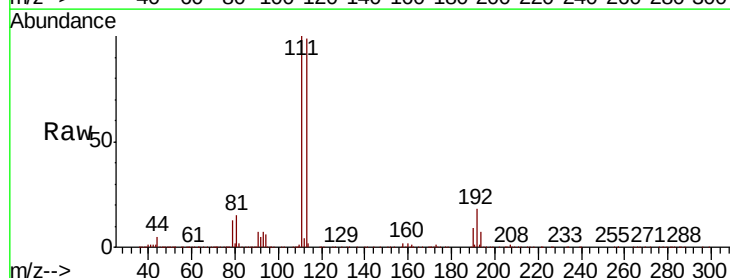
Instrument :
MSVOA_F
ClientSampleId :
TP-6RE

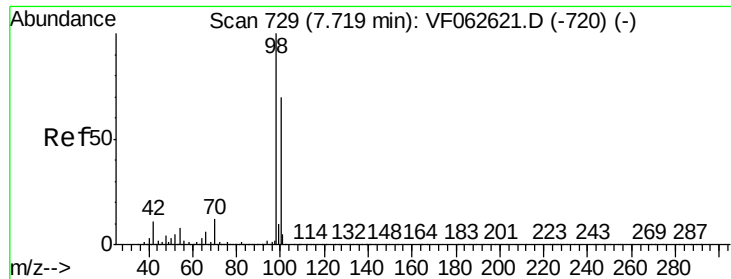
Tot Ion:114 Resp: 1348705
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.4
88 17.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 37.729 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VF062779.D
Acq: 29 May 2019 13:36

Tgt Ion:113 Resp: 389376
Ion Ratio Lower Upper
113 100
111 100.5 79.4 119.2
192 17.7 13.4 20.2

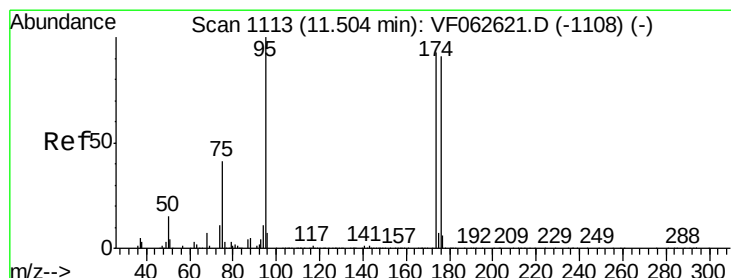
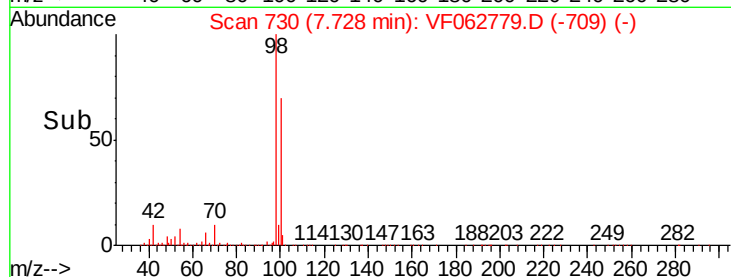
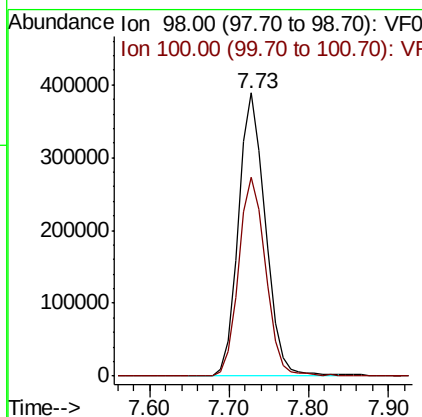
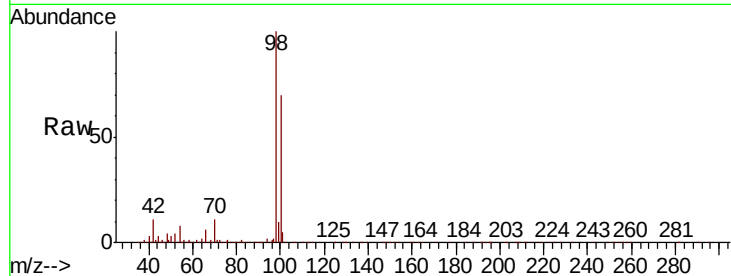




#50
Toluene-d8
Concen: 37.061 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062779.D
Acq: 29 May 2019 13:36

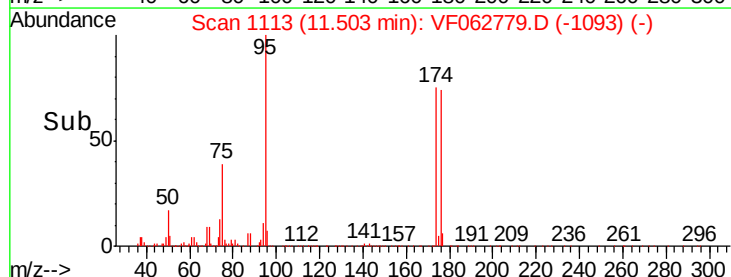
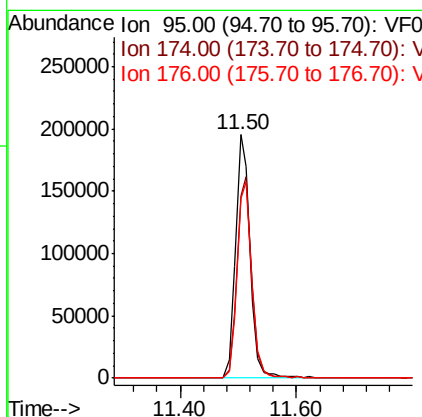
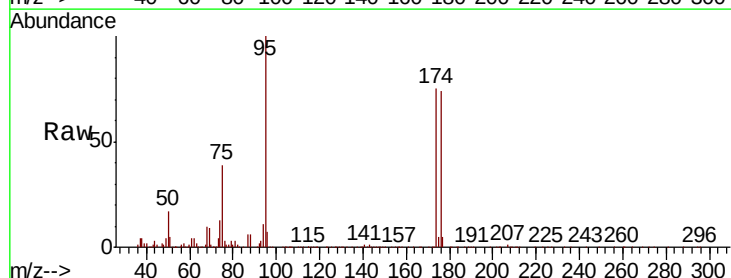
Instrument :
MSVOA_F
ClientSampleId :
TP-6RE

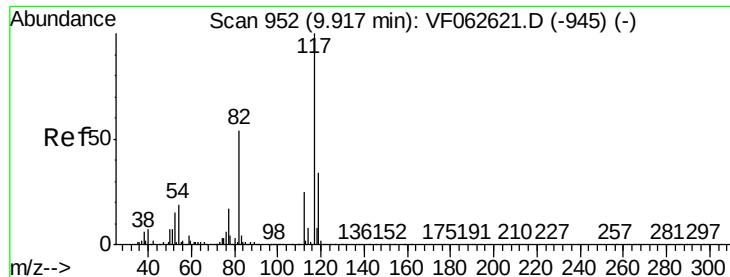
Tot Ion: 98 Resp: 913219
Ion Ratio Lower Upper
98 100
100 70.4 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 35.994 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062779.D
Acq: 29 May 2019 13:36

Tgt Ion: 95 Resp: 336385
Ion Ratio Lower Upper
95 100
174 74.9 0.0 185.6
176 73.8 0.0 182.4

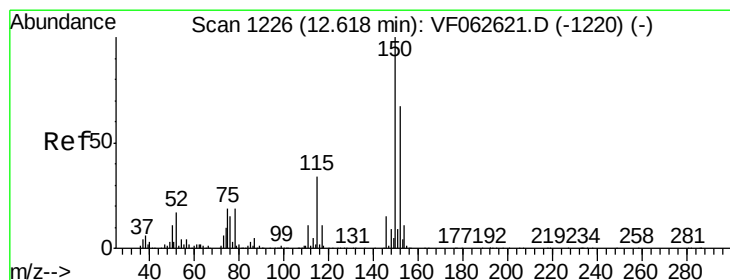
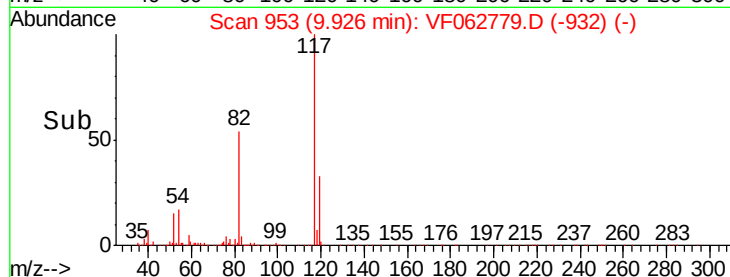
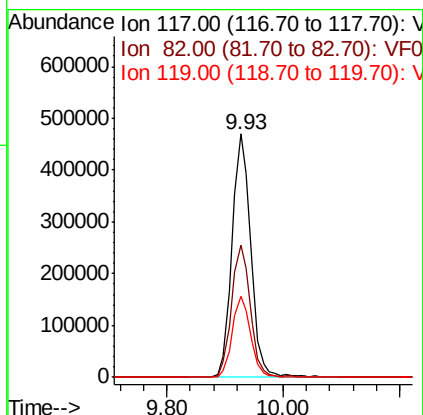
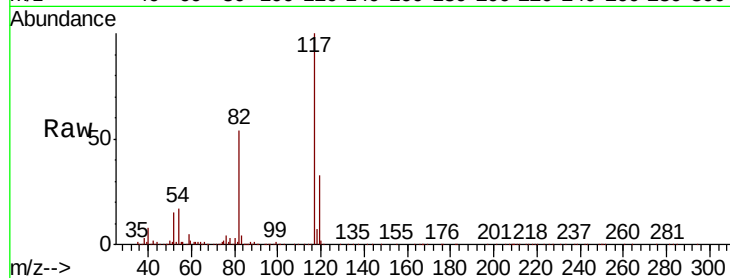




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062779.D
Acq: 29 May 2019 13:36

Instrument :
MSVOA_F
ClientSampleId :
TP-6RE

Tot Ion:117 Resp: 1050780
Ion Ratio Lower Upper
117 100
82 54.2 43.3 64.9
119 33.2 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062779.D
Acq: 29 May 2019 13:36

Tgt Ion:152 Resp: 451941
Ion Ratio Lower Upper
152 100
115 49.0 25.2 75.6
150 152.4 0.0 306.2

