

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062850.D
 Acq On : 4 Jun 2019 20:29
 Operator : FY/SY
 Sample : K3186-02
 Misc : 3.79g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-EF-01-011-ABCD

Quant Time: Jun 05 06:37:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	670864	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	1145140	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	766737	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	277309	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	184114	39.69	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	79.38%	
35) Dibromofluoromethane	4.30	113	351730	40.65	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	81.30%	
50) Toluene-d8	7.70	98	733939	33.54	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	67.08%	
62) 4-Bromofluorobenzene	11.49	95	230519	29.29	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	58.58%	

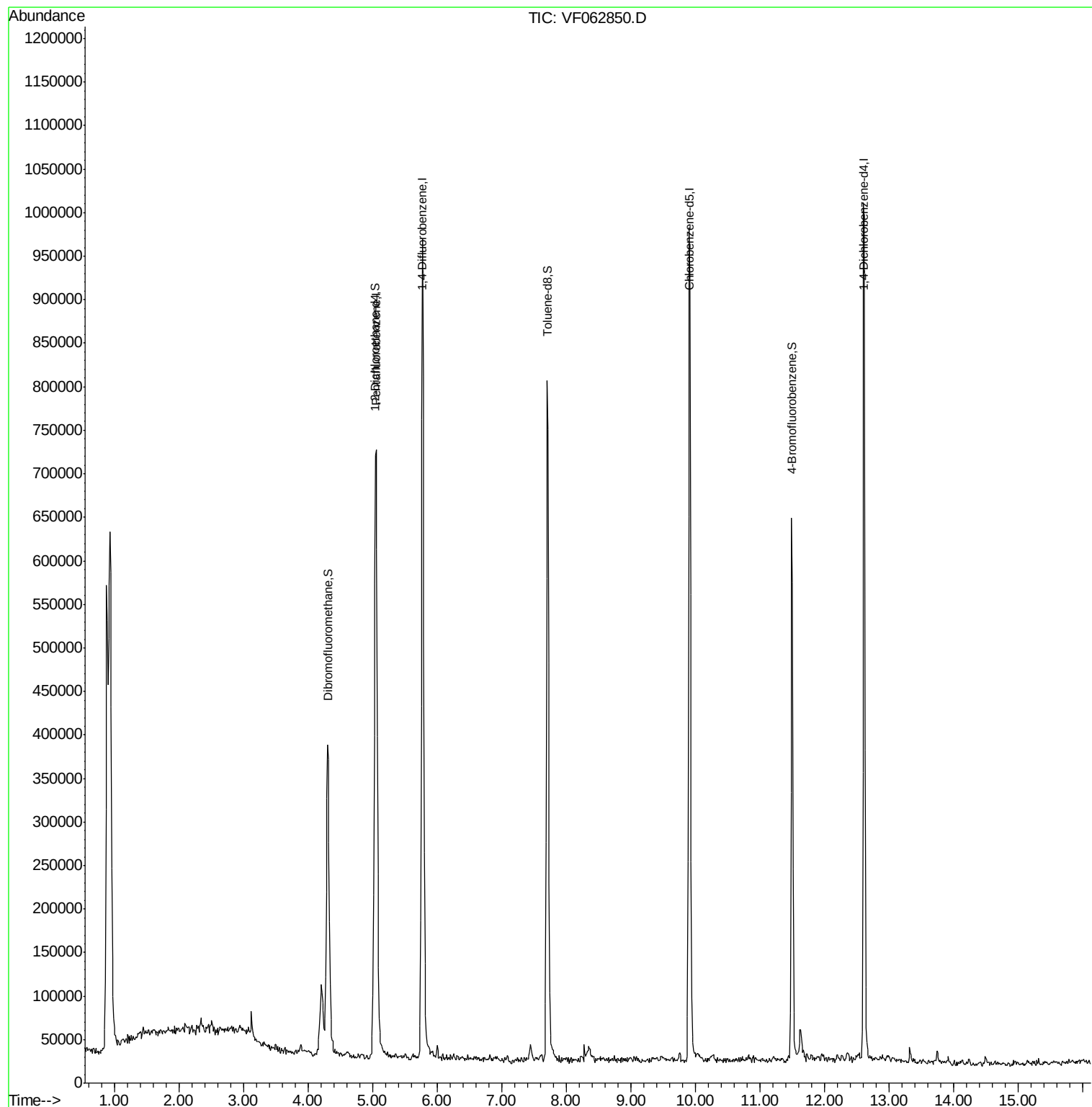
Target Compounds	Qvalue

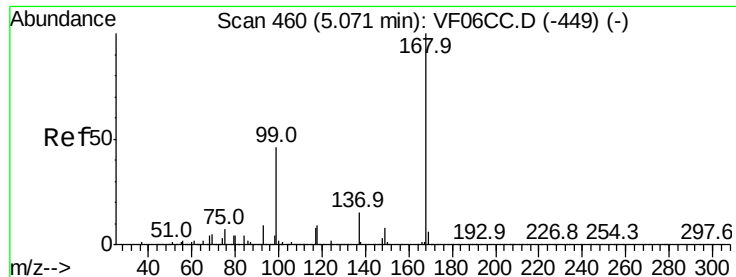
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062850.D

Acq: 4 Jun 2019 20:29

Instrument :

MSVOA_F

ClientSampleId :

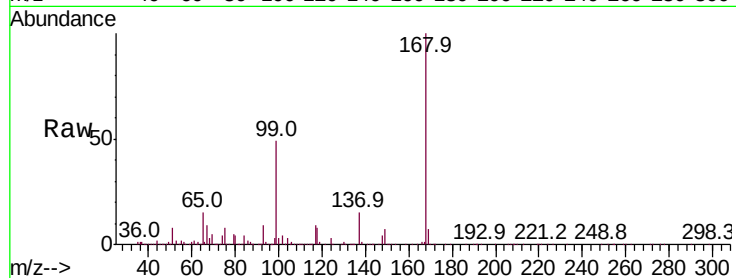
FK-EF-01-011-ABCD

Tot Ion:168 Resp: 670864

Ion Ratio Lower Upper

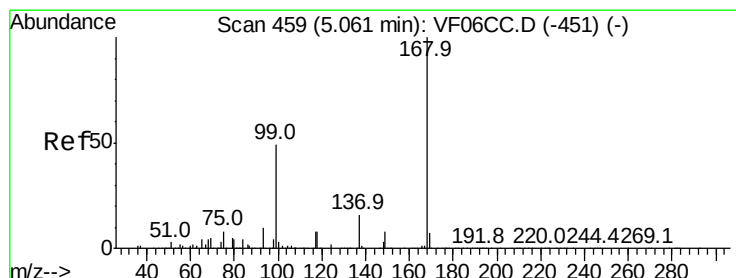
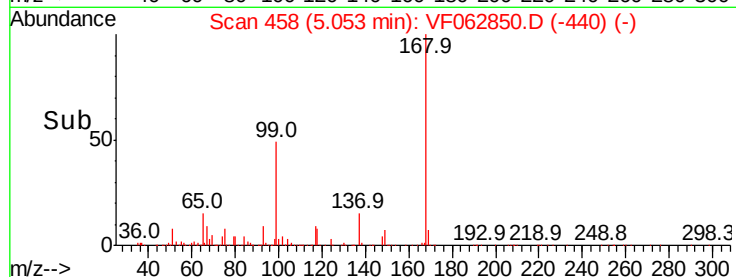
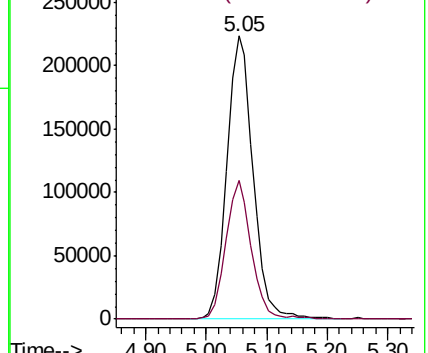
168 100

99 49.1 39.1 58.7



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: 39.688 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF062850.D

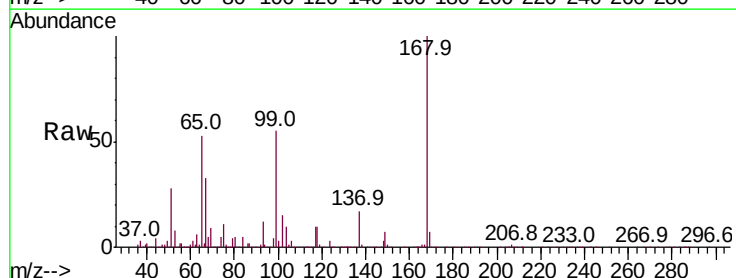
Acq: 4 Jun 2019 20:29

Tgt Ion: 65 Resp: 184114

Ion Ratio Lower Upper

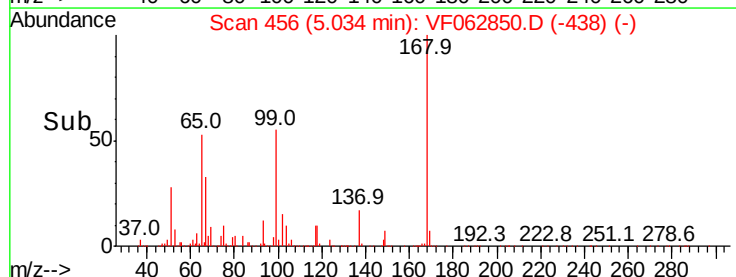
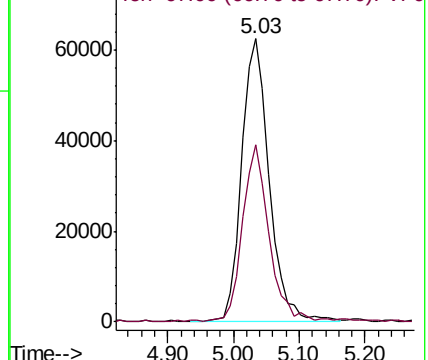
65 100

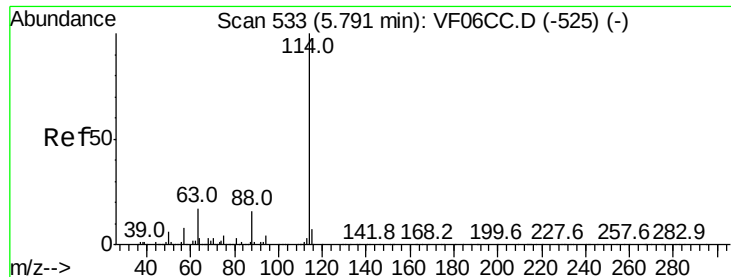
67 62.8 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

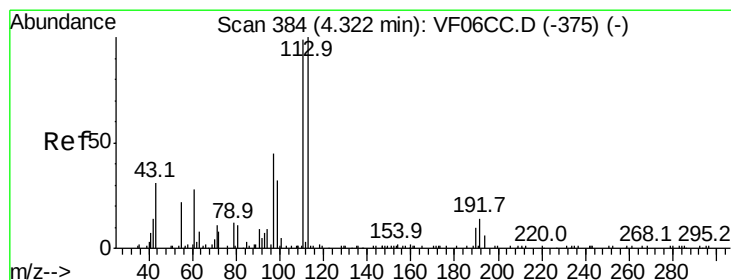
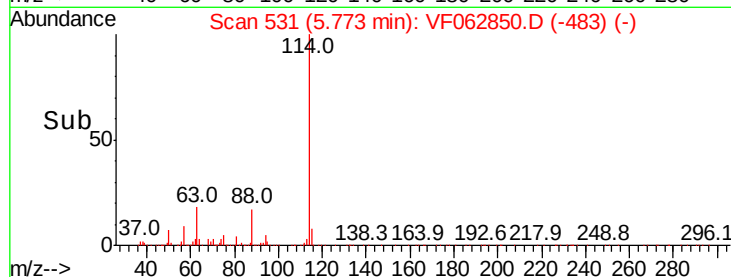
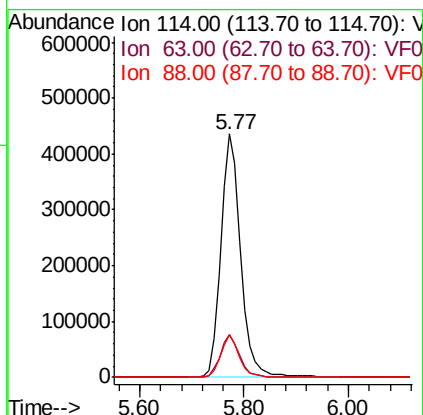
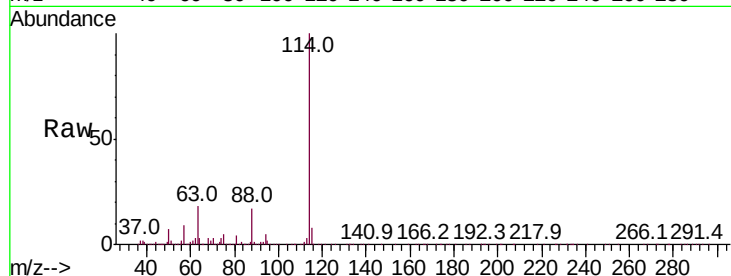




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.03 min
Lab File: VF062850.D
Acq: 4 Jun 2019 20:29

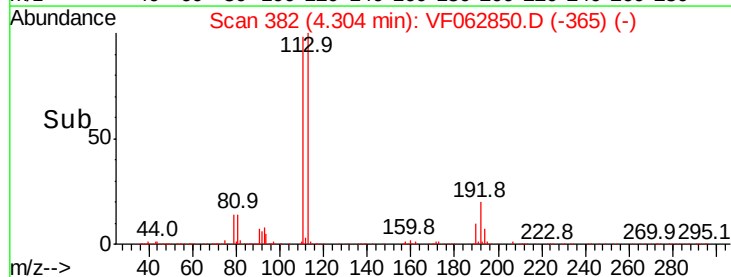
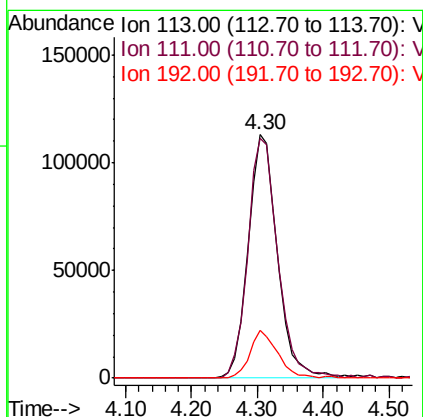
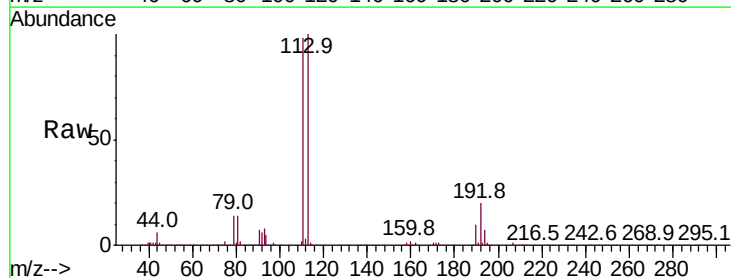
Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-011-ABCD

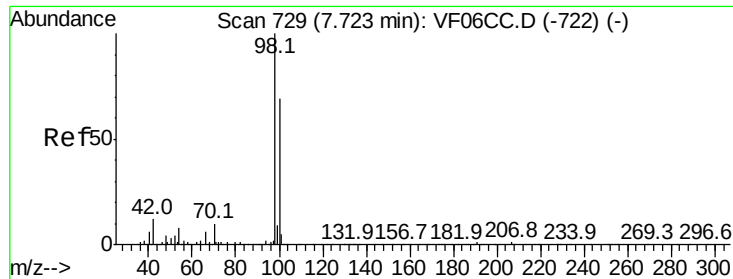
Tot Ion:114 Resp: 1145140
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.2
88 17.4 0.0 31.2



#35
Dibromofluoromethane
Concen: 40.647 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.03 min
Lab File: VF062850.D
Acq: 4 Jun 2019 20:29

Tgt Ion:113 Resp: 351730
Ion Ratio Lower Upper
113 100
111 98.4 81.9 122.9
192 19.6 15.1 22.7

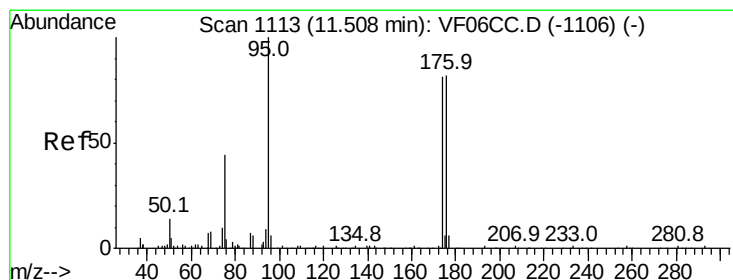
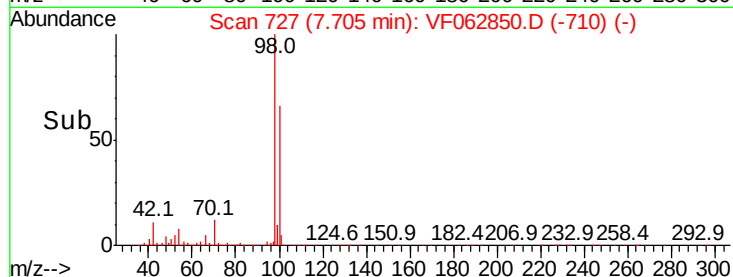
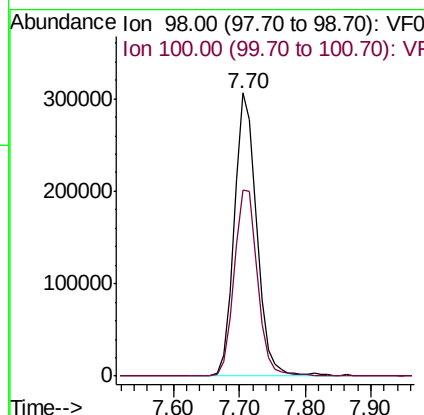
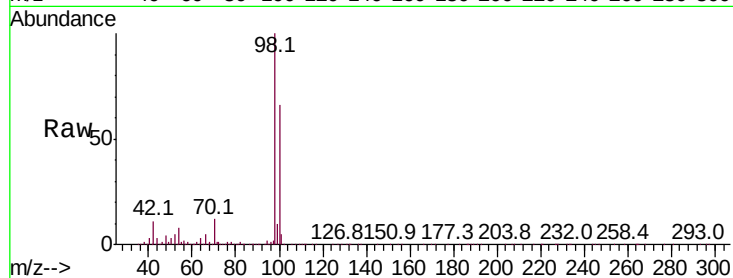




#50
Toluene-d8
Concen: 33.541 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF062850.D
Acq: 4 Jun 2019 20:29

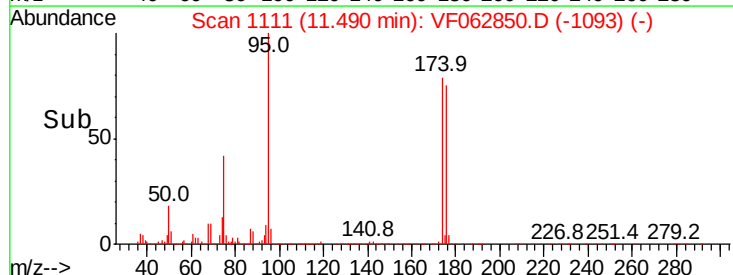
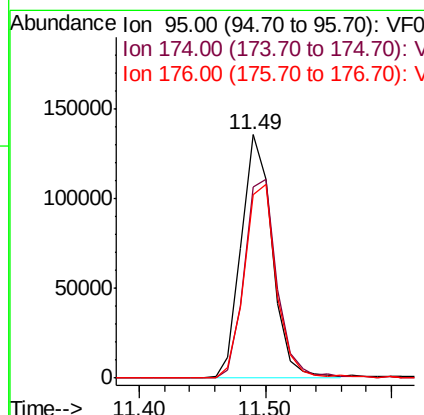
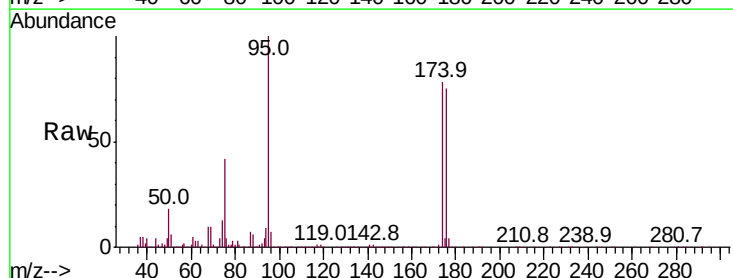
Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-011-ABCD

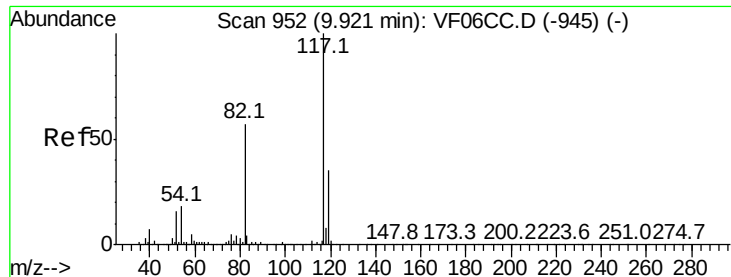
Tot Ion: 98 Resp: 733939
Ion Ratio Lower Upper
98 100
100 65.8 59.8 89.8



#62
4-Bromofluorobenzene
Concen: 29.286 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062850.D
Acq: 4 Jun 2019 20:29

Tgt Ion: 95 Resp: 230519
Ion Ratio Lower Upper
95 100
174 78.5 0.0 170.6
176 75.3 0.0 170.6

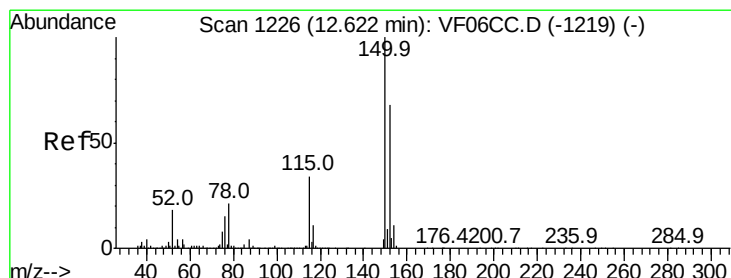
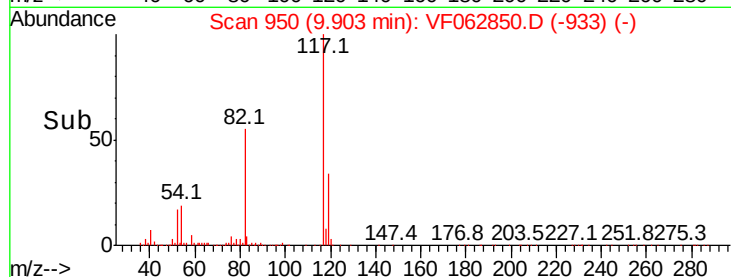
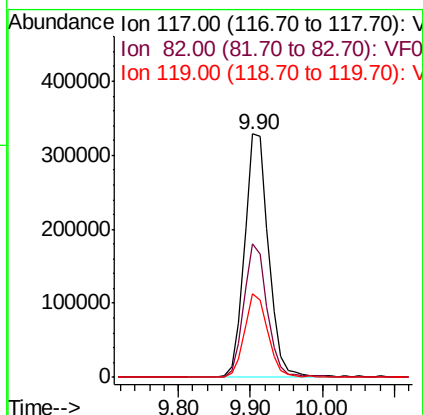
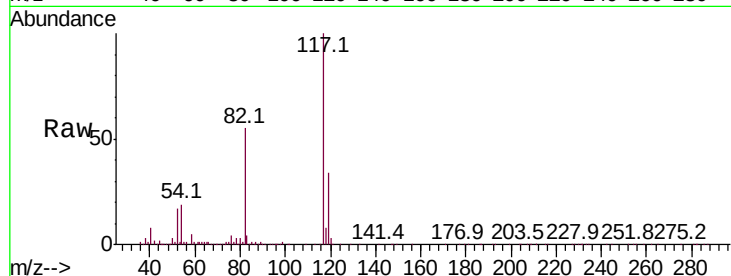




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.03 min
Lab File: VF062850.D
Acq: 4 Jun 2019 20:29

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-011-ABCD

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.4	63.6
119	34.3	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062850.D
Acq: 4 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	48.5	24.6	74.0
150	144.6	0.0	290.6

