

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053119\
 Data File : VF062811.D
 Acq On : 31 May 2019 16:18
 Operator : FY/SY
 Sample : K3111-02
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-01-D1-D2-D1A-D2A

Quant Time: Jun 01 01:31:03 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	5.07	168	656386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1141196	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	831562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	382957	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	205289	45.23	ug/l	0.00
Spiked Amount			Recovery	=	90.46%	
35) Dibromofluoromethane	4.33	113	371786	43.11	ug/l	0.00
Spiked Amount			Recovery	=	86.22%	
50) Toluene-d8	7.73	98	780316	35.78	ug/l	0.00
Spiked Amount			Recovery	=	71.56%	
62) 4-Bromofluorobenzene	11.51	95	288604	36.79	ug/l	0.00
Spiked Amount			Recovery	=	73.58%	

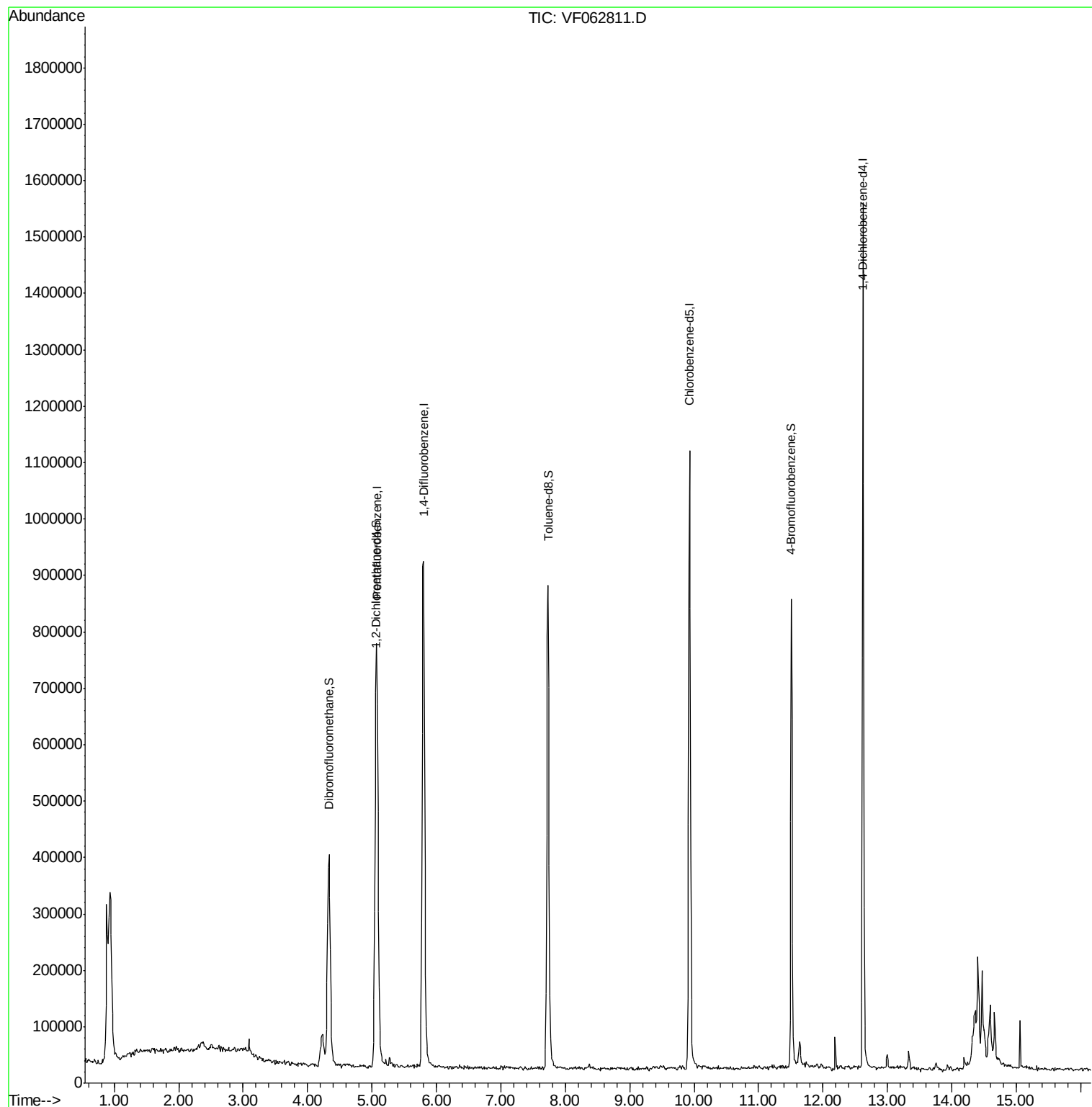
Target Compounds	Qvalue
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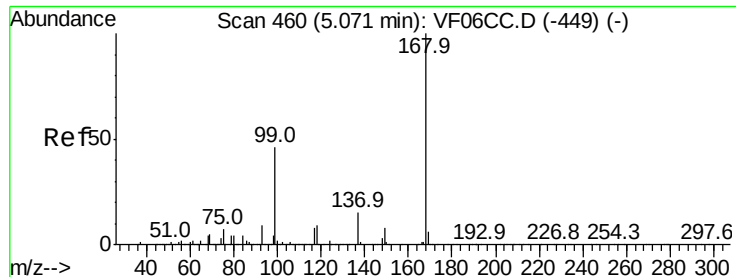
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

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Instrument :

MSVOA_F

ClientSampleId :

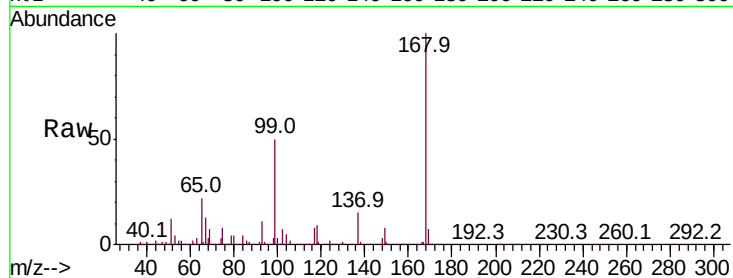
FK-BPM-01-D1-D2-D1A-D2A

Tot Ion:168 Resp: 656386

Ion Ratio Lower Upper

168 100

99 49.8 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

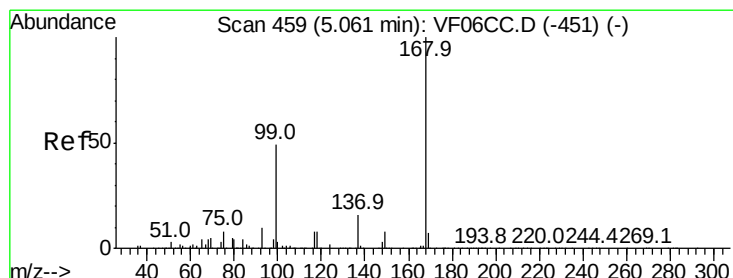
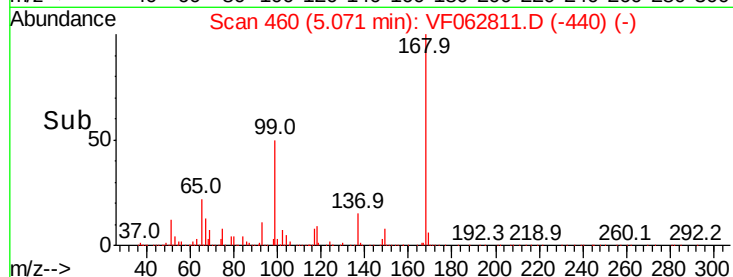
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.228 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062811.D

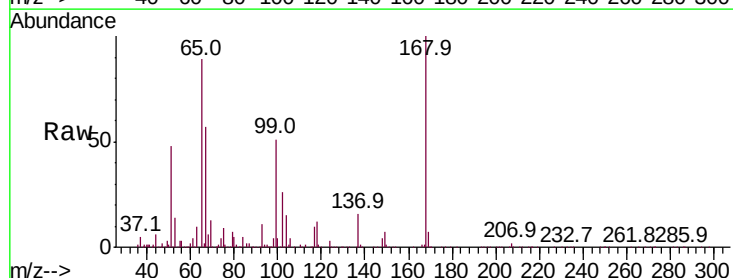
Acq: 31 May 2019 16:18

Tgt Ion: 65 Resp: 205289

Ion Ratio Lower Upper

65 100

67 63.9 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.05

80000

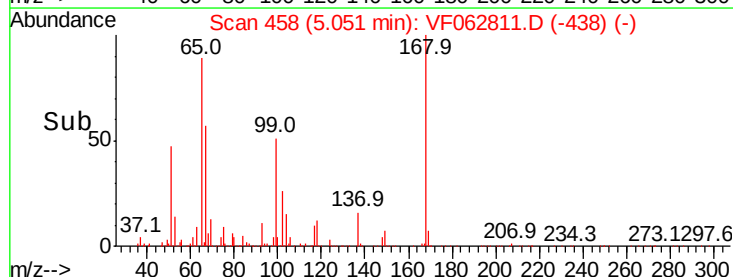
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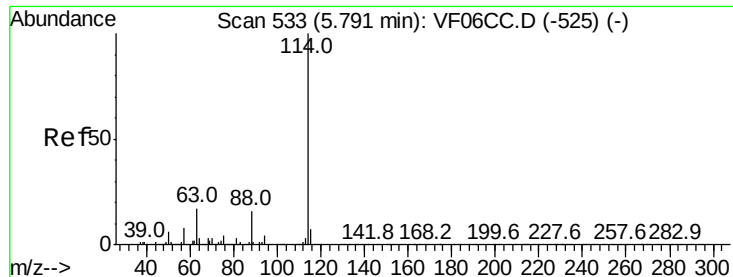
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.00 min

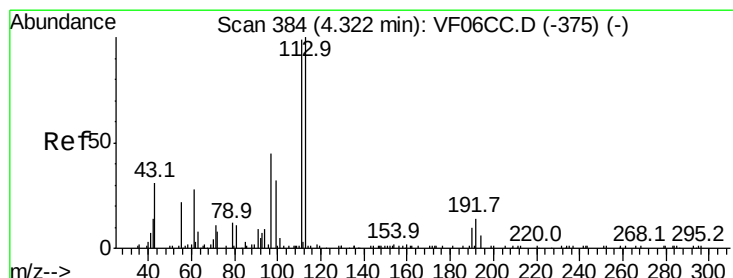
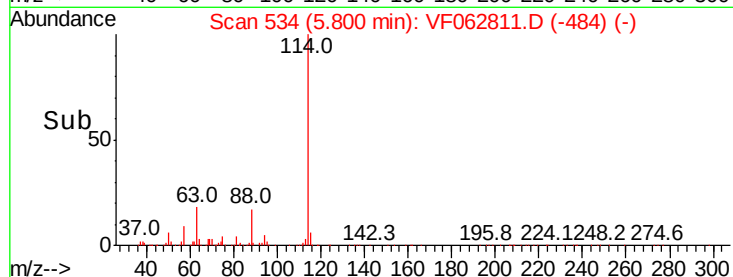
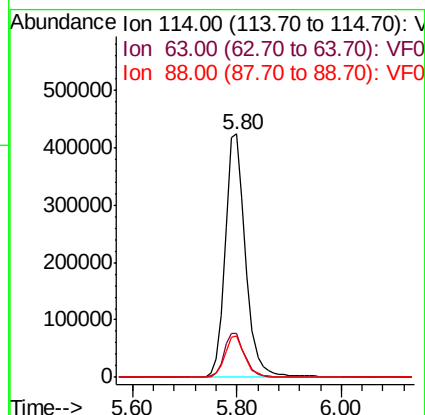
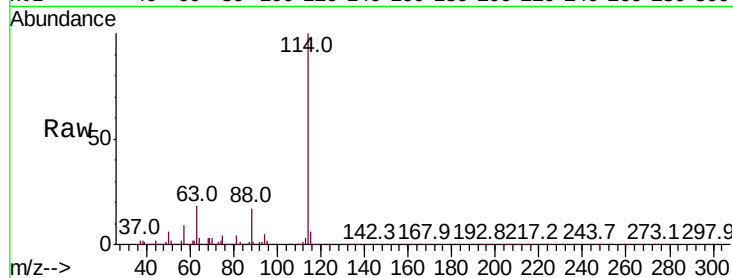
Lab File: VF062811.D

Acq: 31 May 2019 16:18

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-D1-D2-D1A-D2A

Tot Ion:114 Resp: 1141196

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	34.2
88	16.8	0.0	31.2



#35

Dibromofluoromethane

Concen: 43.113 ug/l

RT: 4.33 min Scan# 385

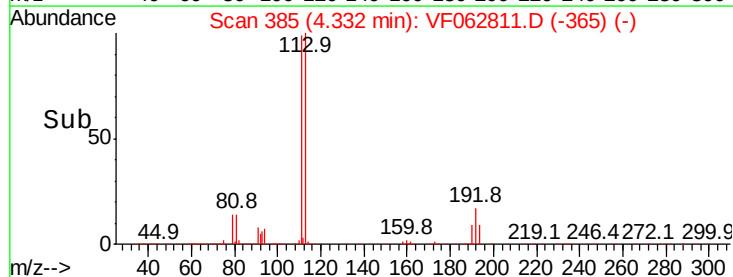
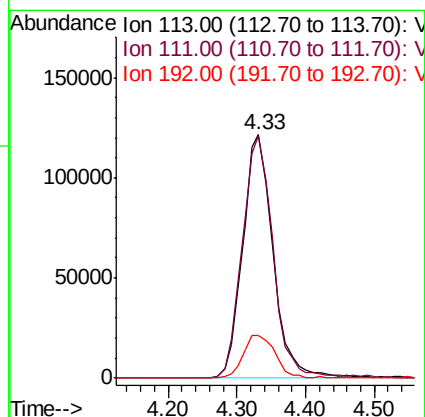
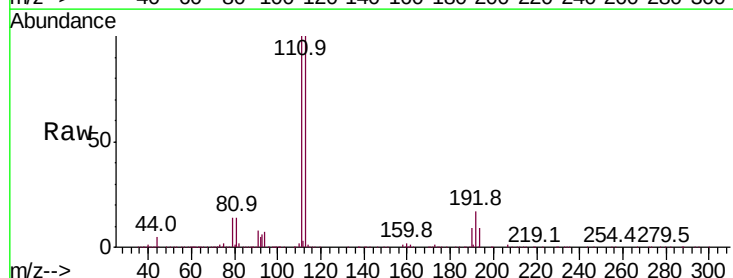
Delta R.T. -0.00 min

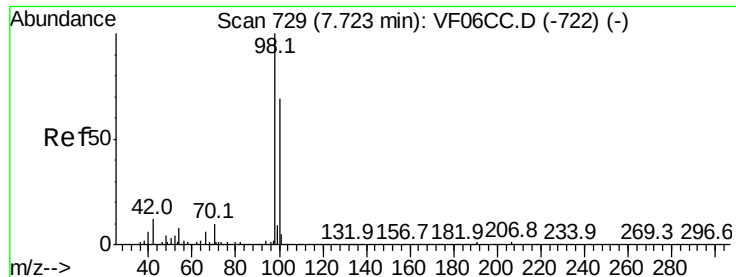
Lab File: VF062811.D

Acq: 31 May 2019 16:18

Tgt Ion:113 Resp: 371786

Ion	Ratio	Lower	Upper
113	100		
111	99.6	81.9	122.9
192	17.3	15.1	22.7

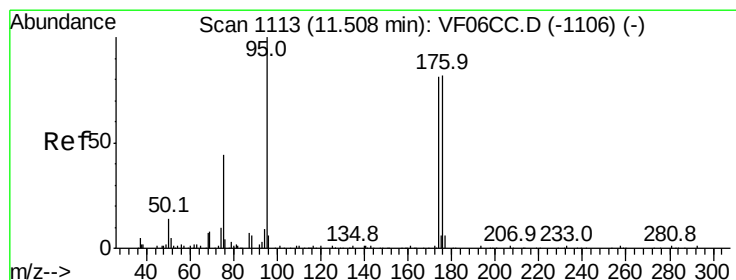
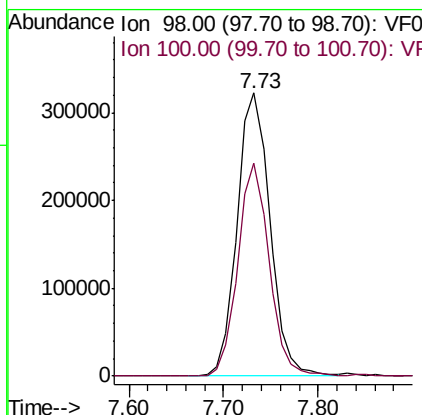
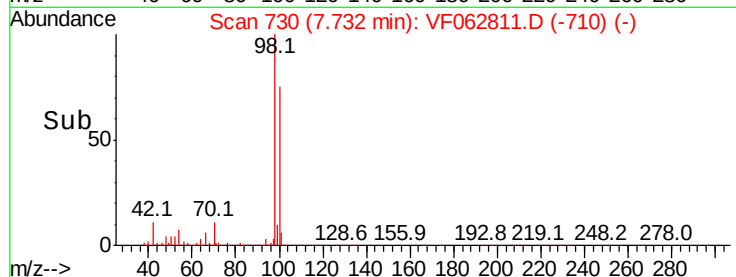
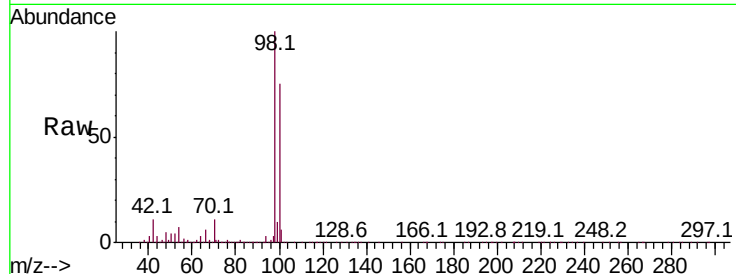




#50
Toluene-d8
Concen: 35.783 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.00 min
Lab File: VF062811.D
Acq: 31 May 2019 16:18

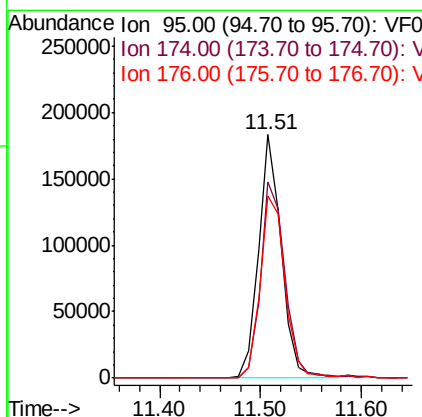
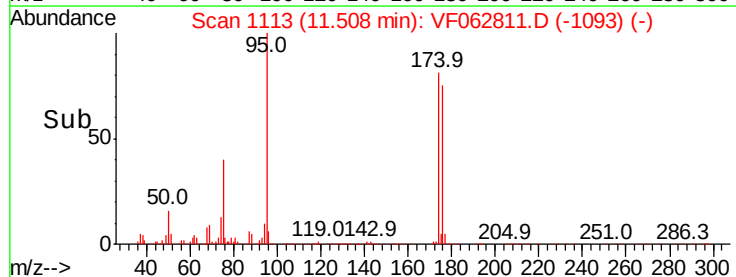
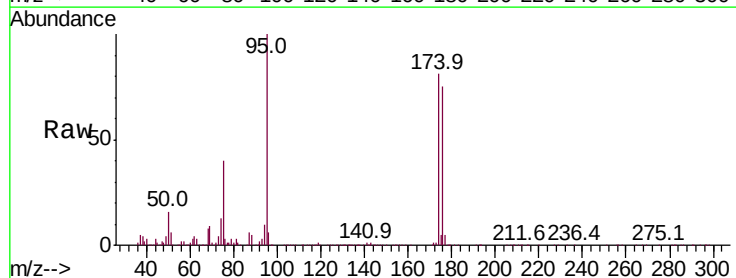
Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-D1-D2-D1A-D2A

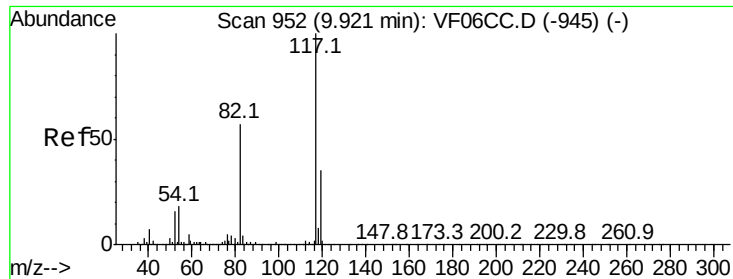
Tot Ion: 98 Resp: 780316
Ion Ratio Lower Upper
98 100
100 75.4 59.8 89.8



#62
4-Bromofluorobenzene
Concen: 36.792 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062811.D
Acq: 31 May 2019 16:18

Tgt Ion: 95 Resp: 288604
Ion Ratio Lower Upper
95 100
174 80.8 0.0 170.6
176 74.7 0.0 170.6

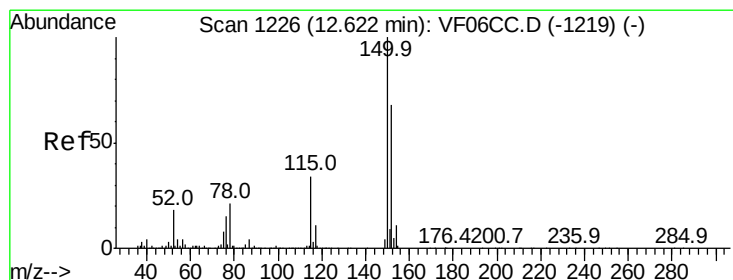
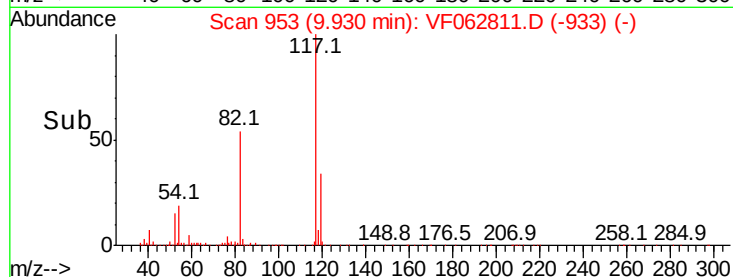
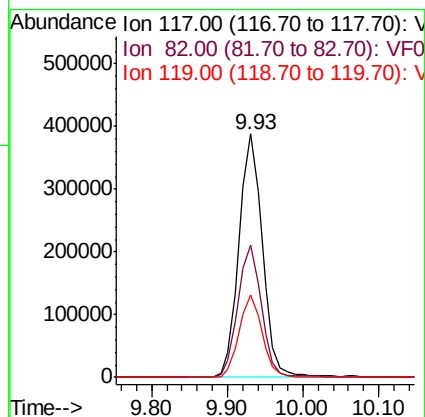
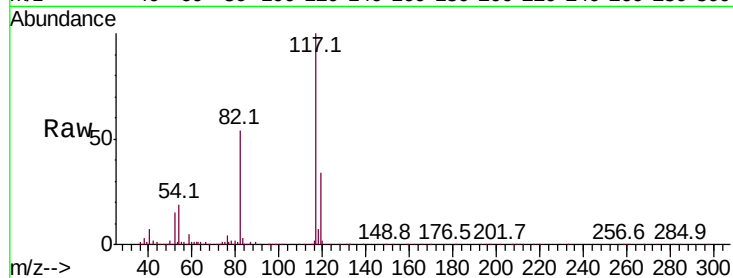




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF062811.D
Acq: 31 May 2019 16:18

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-D1-D2-D1A-D2A

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.4	63.6
119	33.6	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062811.D
Acq: 31 May 2019 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	24.6	74.0
150	157.0	0.0	290.6

