

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062851.D
 Acq On : 4 Jun 2019 20:57
 Operator : FY/SY
 Sample : K2638-02
 Misc : 5.61g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2019

Quant Time: Jun 05 06:39:23 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	5.06	168	716003	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1210856	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	909565	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	343089	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	204946	41.39	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	82.78%	
35) Dibromofluoromethane	4.31	113	390984	42.73	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	85.46%	
50) Toluene-d8	7.71	98	830726	35.90	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	71.80%	
62) 4-Bromofluorobenzene	11.49	95	269591	32.39	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	64.78%	

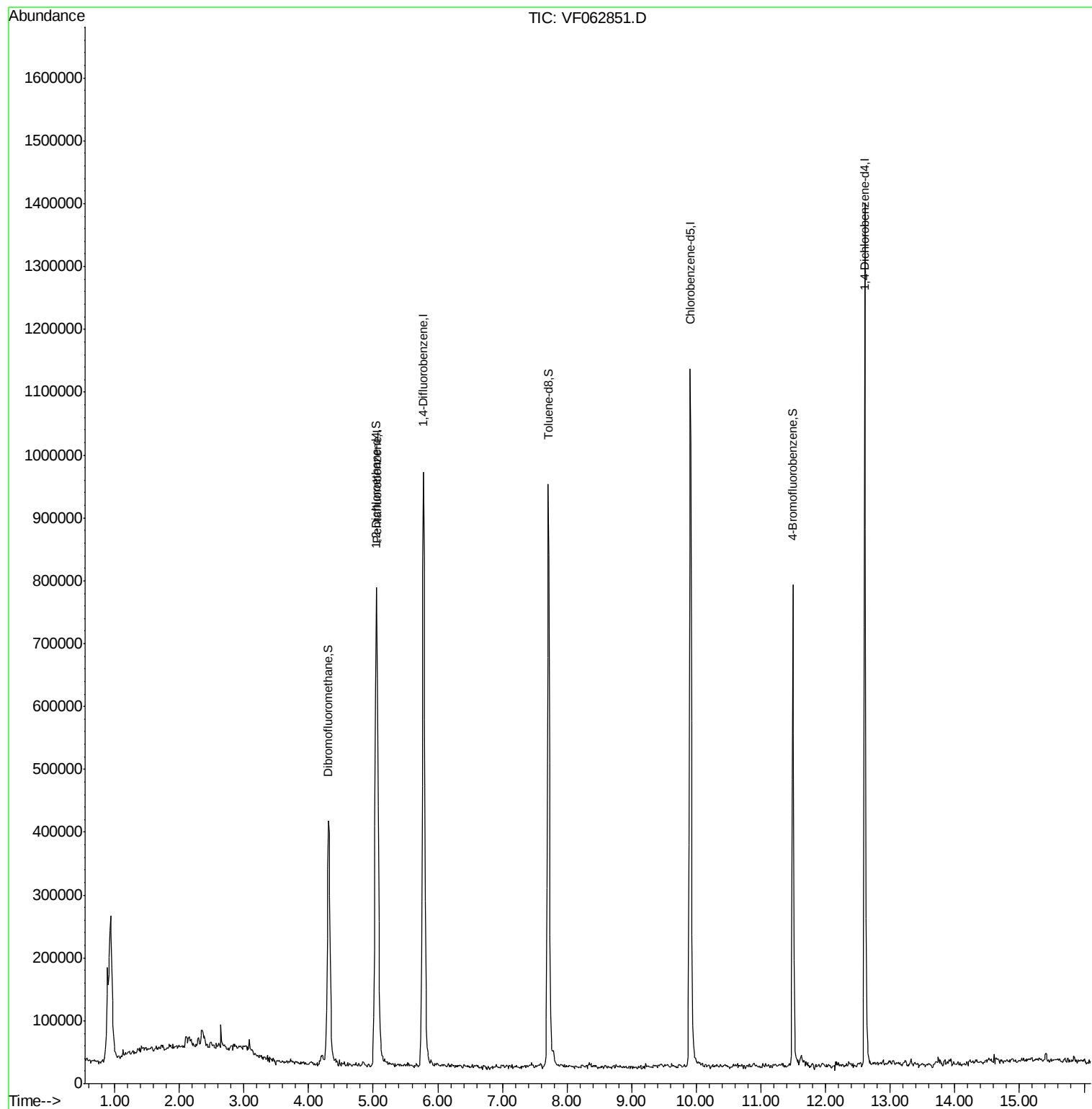
Target Compounds	Qvalue

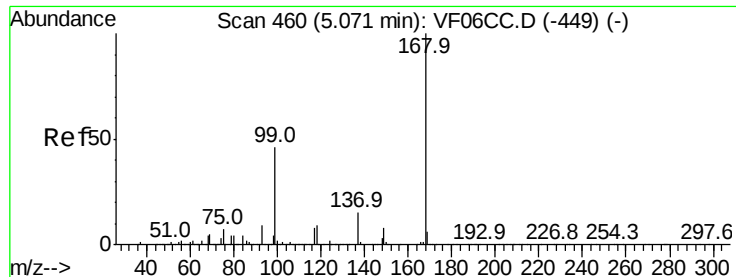
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062851.D
Acq On : 4 Jun 2019 20:57
Operator : FY/SY
Sample : K2638-02
Misc : 5.61q/5mL/MSVOA F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2019

Quant Time: Jun 05 06:39:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.02 min

Lab File: VF062851.D

Acq: 4 Jun 2019 20:57

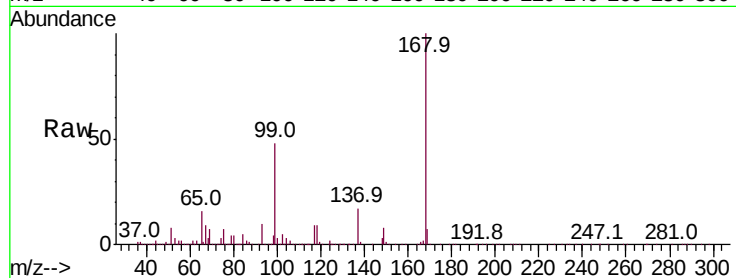
Instrument :
MSVOA_F
ClientSampled :
2019

Tot Ion:168 Resp: 716003

Ion Ratio Lower Upper

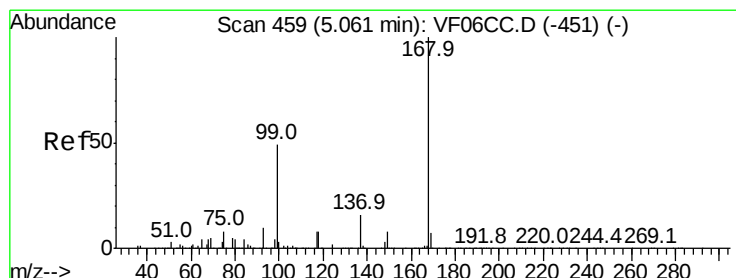
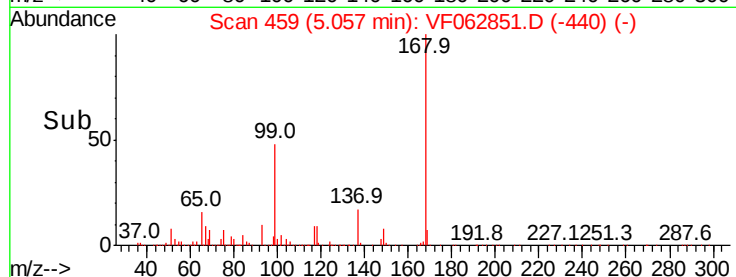
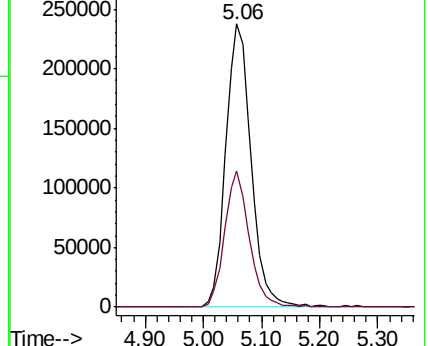
168 100

99 48.0 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: 41.393 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062851.D

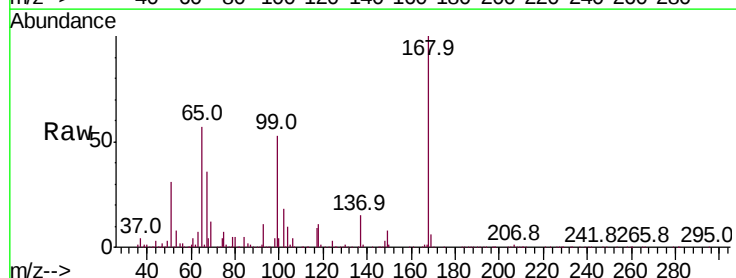
Acq: 4 Jun 2019 20:57

Tgt Ion: 65 Resp: 204946

Ion Ratio Lower Upper

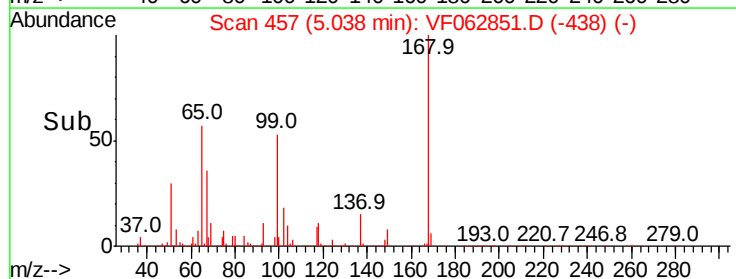
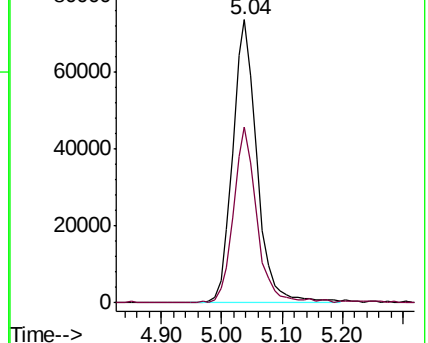
65 100

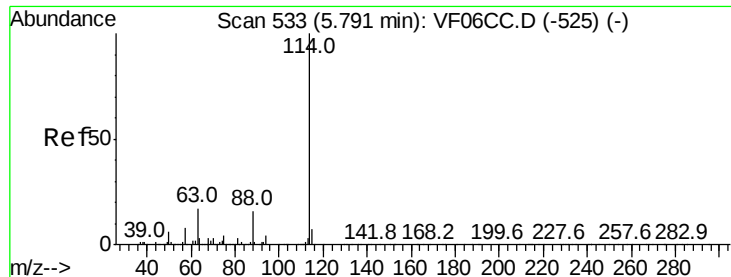
67 62.2 0.0 121.2



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: 5.78 min Scan# 532

Delta R.T. -0.03 min

Lab File: VF062851.D

Acq: 4 Jun 2019 20:57

Instrument :

MSVOA_F

ClientSampleId :

2019

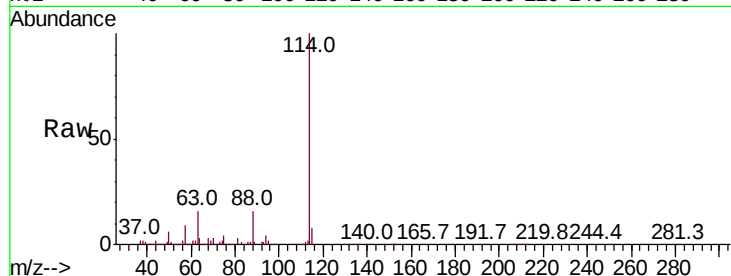
Tot Ion:114 Resp: 1210856

Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.2

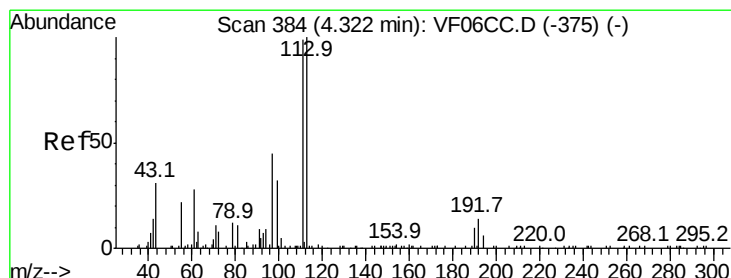
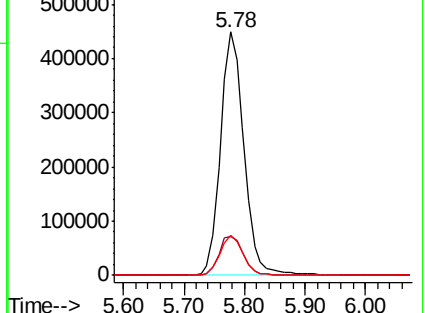
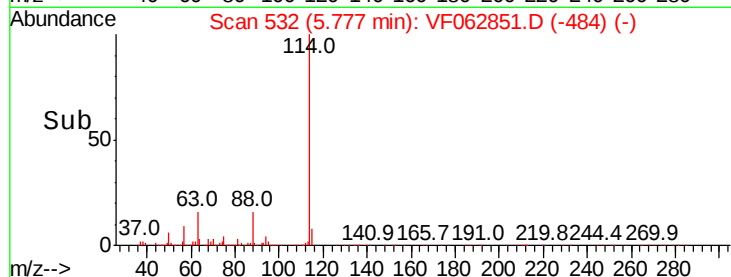
88 16.3 0.0 31.2



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: 42.731 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.03 min

Lab File: VF062851.D

Acq: 4 Jun 2019 20:57

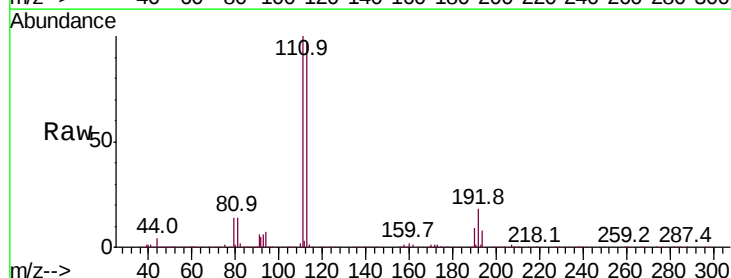
Tgt Ion:113 Resp: 390984

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

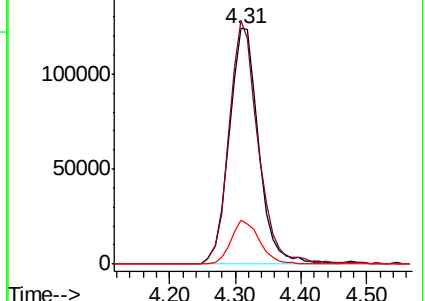
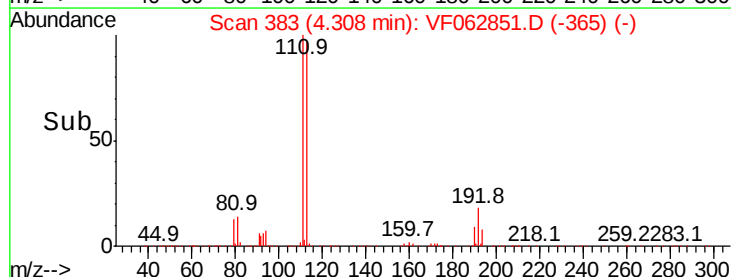
192 18.6 15.1 22.7

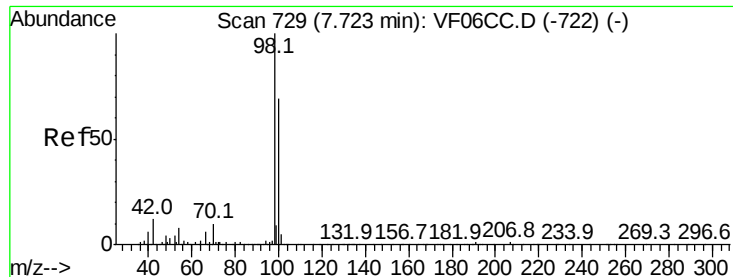


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 35.903 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.03 min

Lab File: VF062851.D

Acq: 4 Jun 2019 20:57

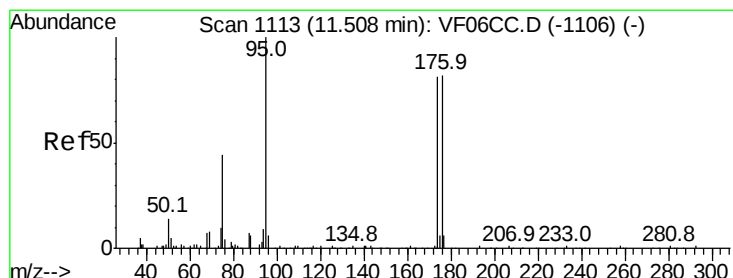
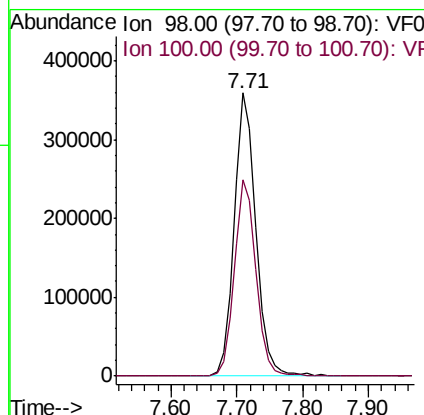
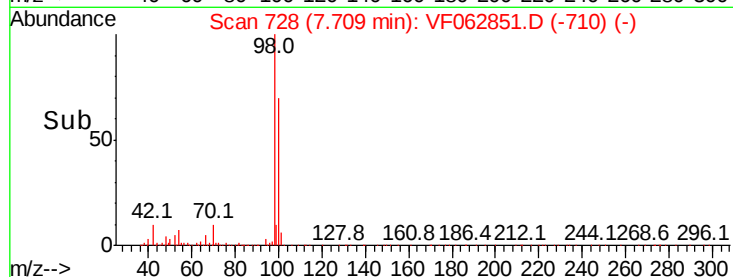
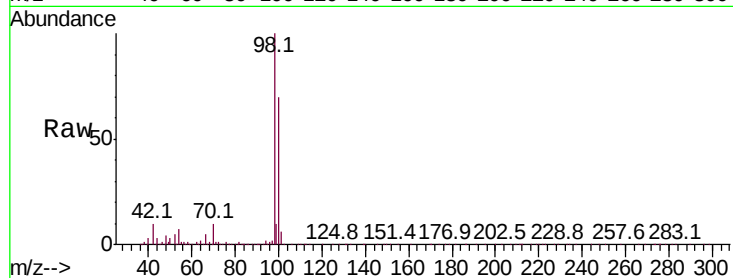
Instrument :
MSVOA_F
ClientSampleId :
2019

Tot Ion: 98 Resp: 830726

Ion Ratio Lower Upper

98 100

100 69.5 59.8 89.8



#62

4-Bromofluorobenzene

Concen: 32.391 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062851.D

Acq: 4 Jun 2019 20:57

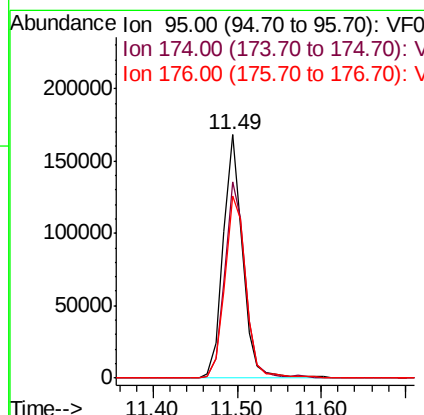
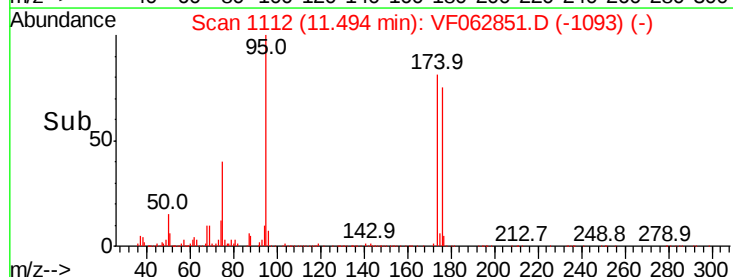
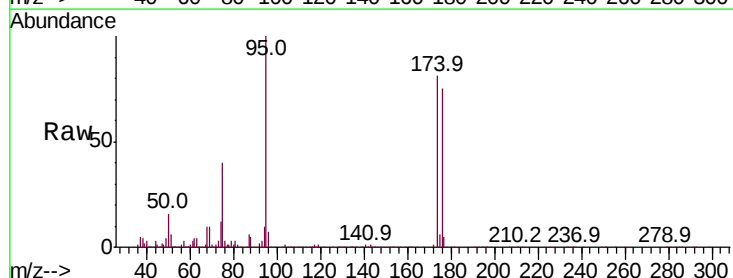
Tgt Ion: 95 Resp: 269591

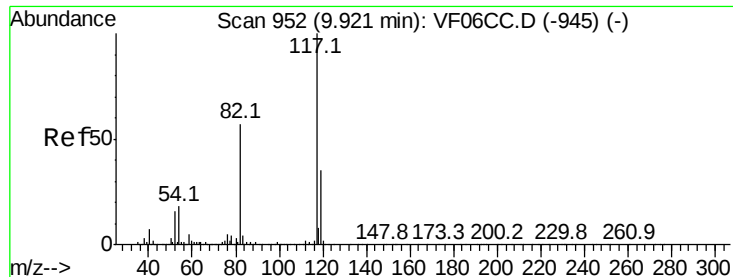
Ion Ratio Lower Upper

95 100

174 80.8 0.0 170.6

176 74.8 0.0 170.6

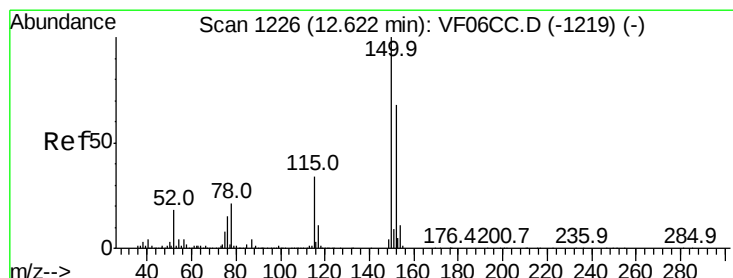
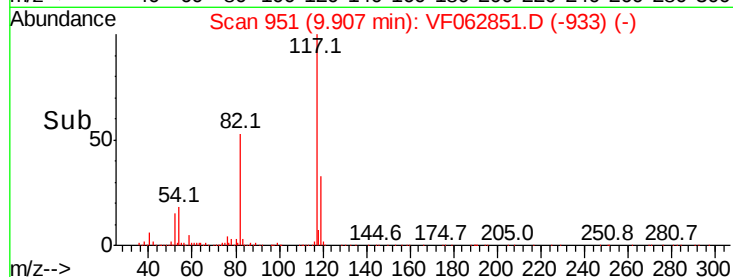
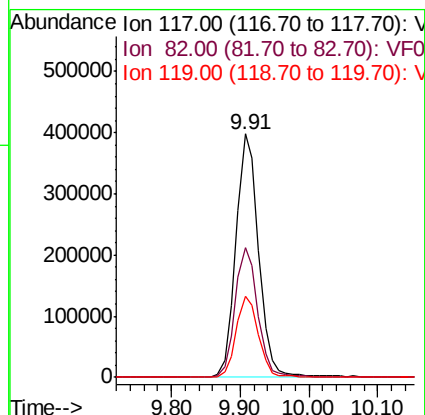
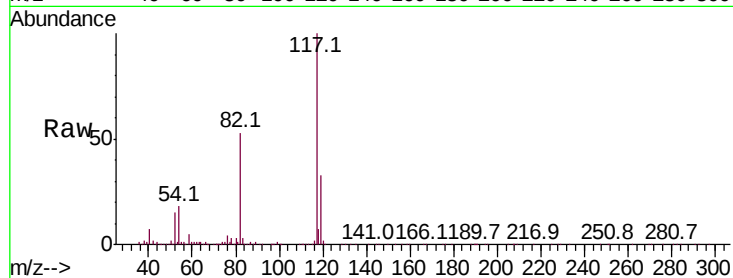




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Instrument :
MSVOA_F
ClientSampled :
2019

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	33.1	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	24.6	74.0
150	154.0	0.0	290.6

