

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061219\
 Data File : VF062928.D
 Acq On : 12 Jun 2019 15:31
 Operator : FY/SY
 Sample : K3294-01
 Misc : 4.50g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S1(0-5)

Quant Time: Jun 13 08:54:39 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

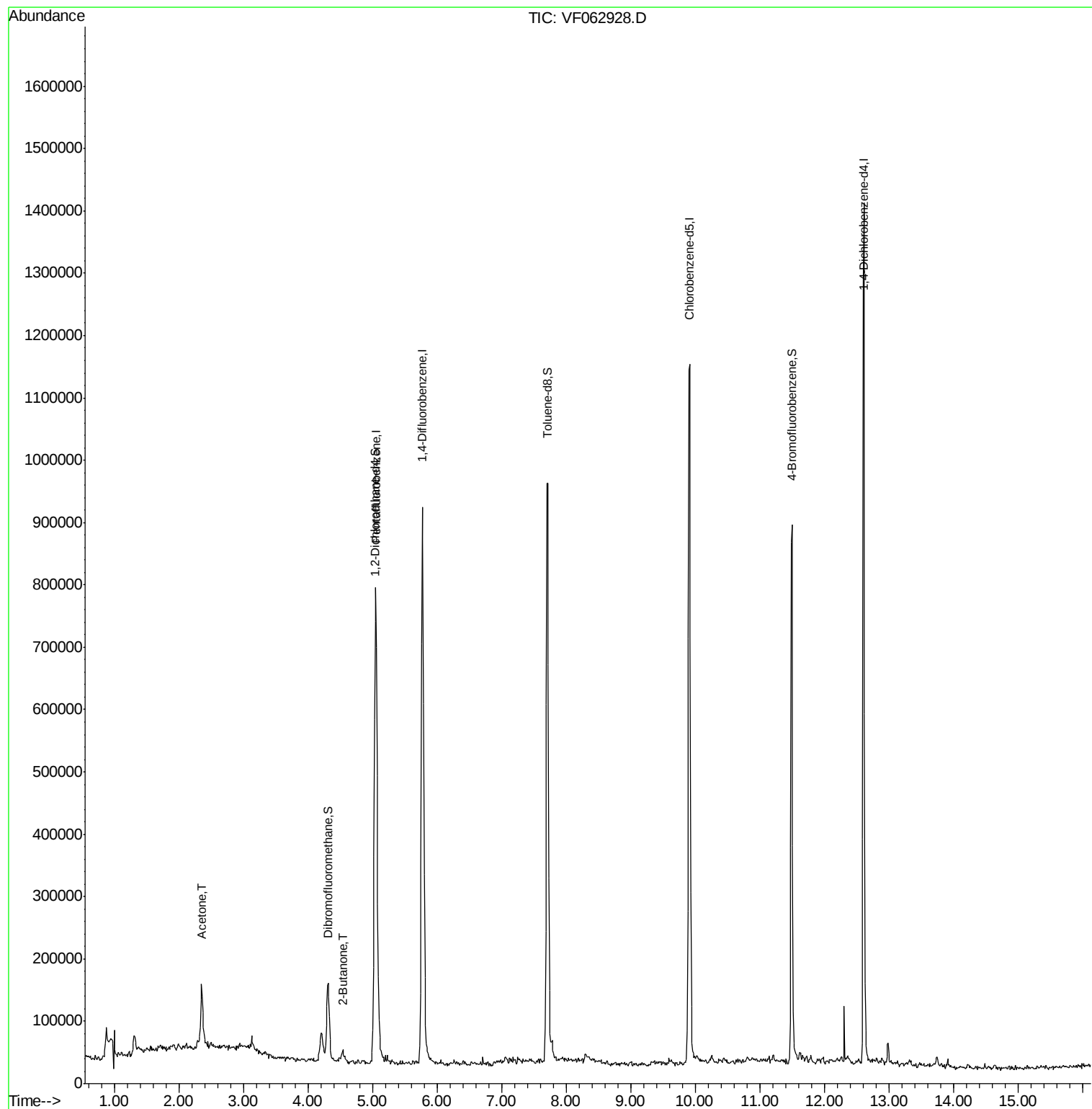
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	664777	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	1142105	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	915593	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	372662	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	226440	49.26	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	4.31	113	125969	14.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	29.20%	
50) Toluene-d8	7.71	98	871153	39.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.84%	
62) 4-Bromofluorobenzene	11.49	95	326364	41.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.14%	
Target Compounds						
16) Acetone	2.35	43	170674	162.215	ug/l	98
25) 2-Butanone	4.53	43	36642	14.955	ug/l	95

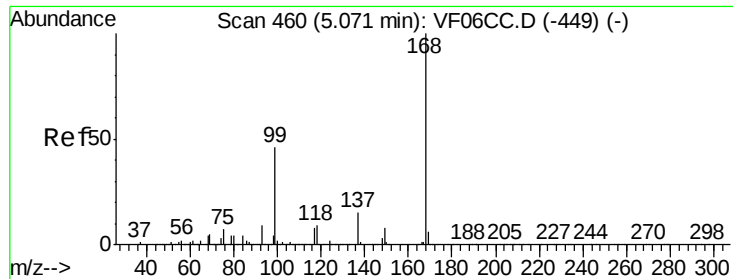
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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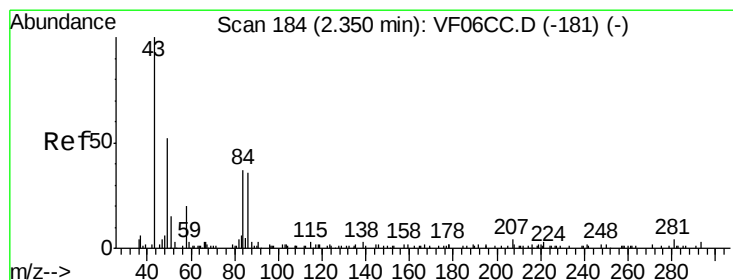
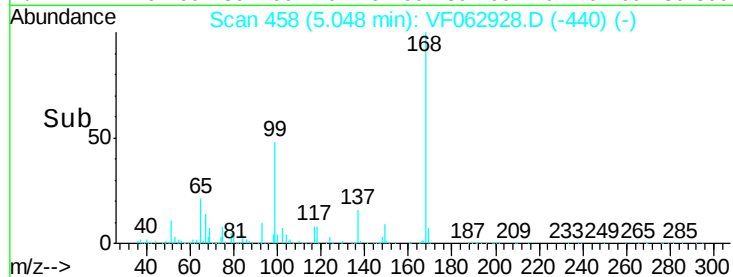
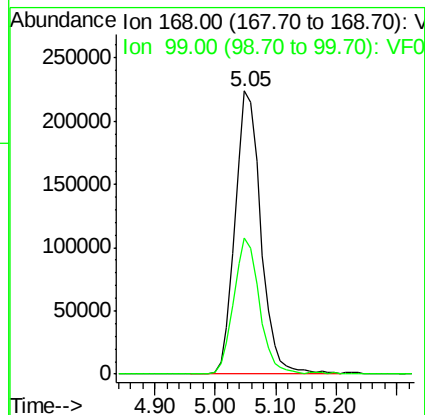
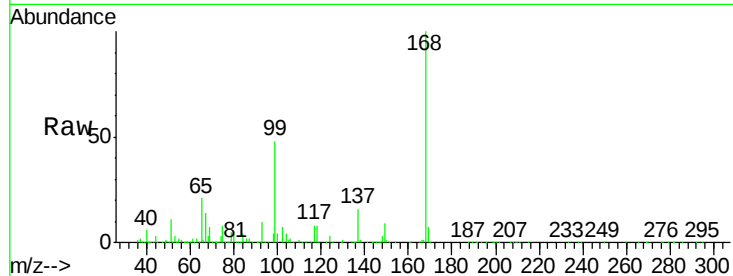


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: VF062928.D
 Acq: 12 Jun 2019 15:31

Instrument :
 MSVOA_F
 ClientSampleId :
 S1(0-5)

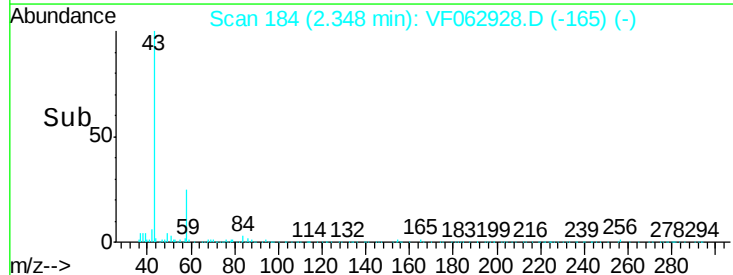
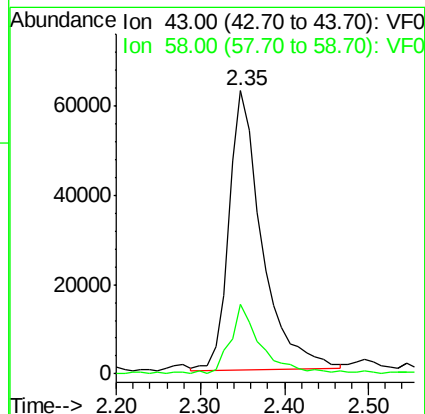
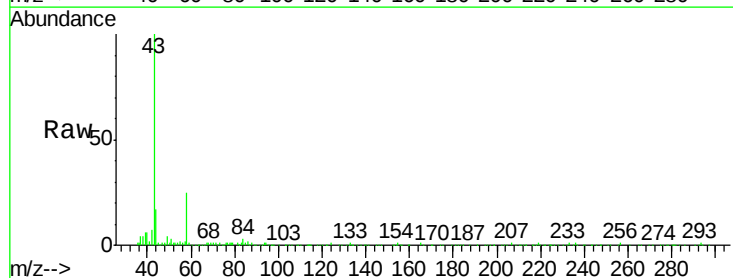
Tot Ion:168 Resp: 664777
 Ion Ratio Lower Upper
 168 100
 99 48.2 39.1 58.7

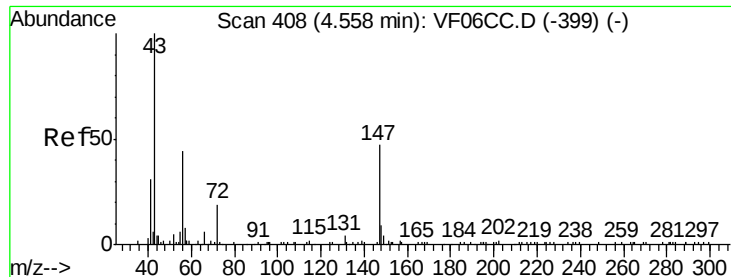


#16

Acetone
 Concen: 162.215 ug/l
 RT: 2.35 min Scan# 184
 Delta R.T. -0.01 min
 Lab File: VF062928.D
 Acq: 12 Jun 2019 15:31

Tgt Ion: 43 Resp: 170674
 Ion Ratio Lower Upper
 43 100
 58 24.6 19.0 28.4

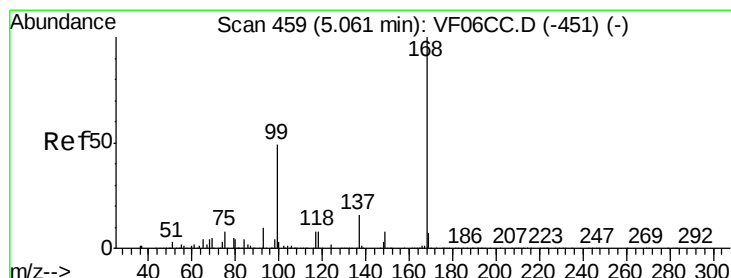
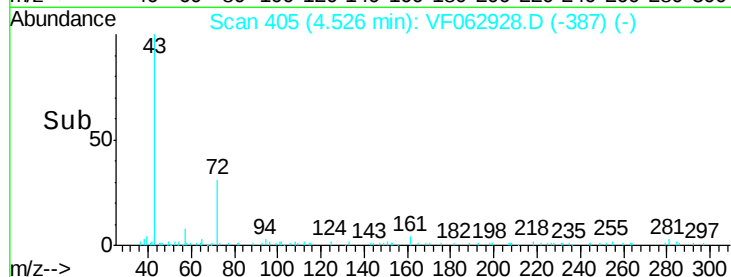
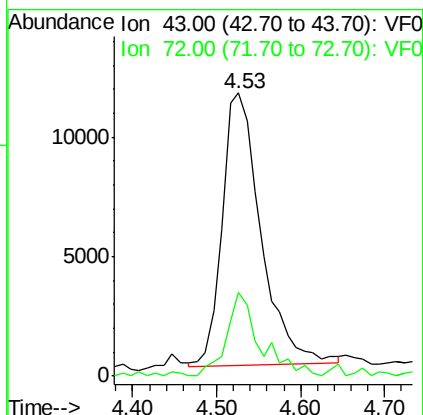
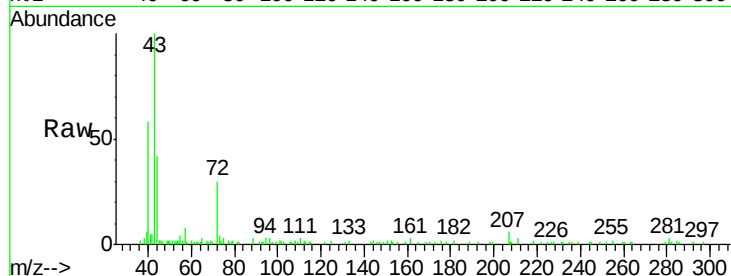




#25
2-Butanone
Concen: 14.955 ug/l
RT: 4.53 min Scan# 405
Delta R.T. -0.02 min
Lab File: VF062928.D
Acq: 12 Jun 2019 15:31

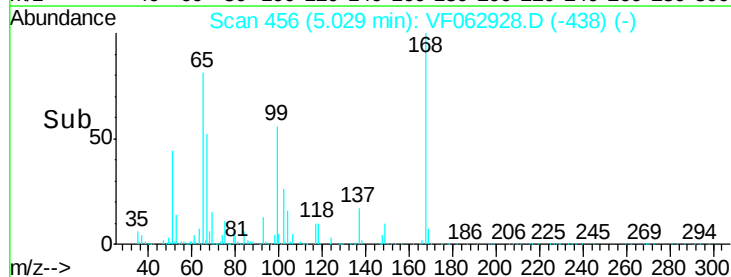
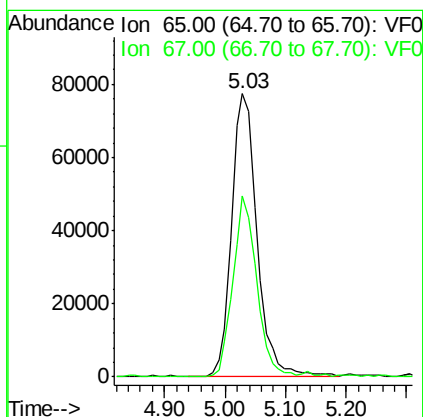
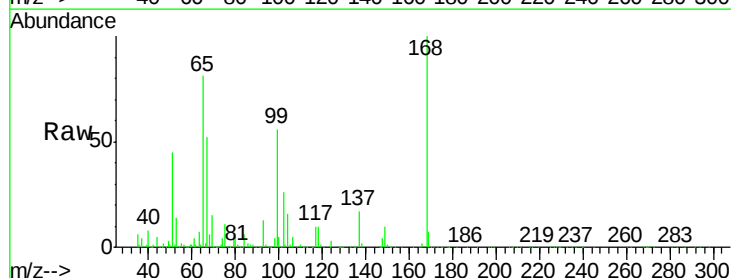
Instrument :
MSVOA_F
ClientSampleId :
S1(0-5)

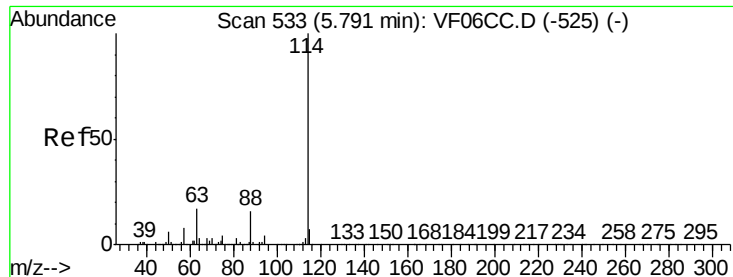
Tot Ion: 43 Resp: 36642
Ion Ratio Lower Upper
43 100
72 29.5 21.4 32.0



#33
1,2-Dichloroethane-d4
Concen: 49.258 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.02 min
Lab File: VF062928.D
Acq: 12 Jun 2019 15:31

Tgt Ion: 65 Resp: 226440
Ion Ratio Lower Upper
65 100
67 64.2 0.0 121.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.03 min

Lab File: VF062928.D

Acq: 12 Jun 2019 15:31

Instrument :

MSVOA_F

ClientSampleId :

S1(0-5)

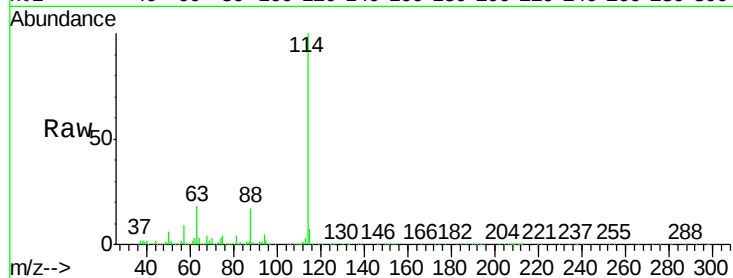
Tot Ion:114 Resp: 1142105

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.2

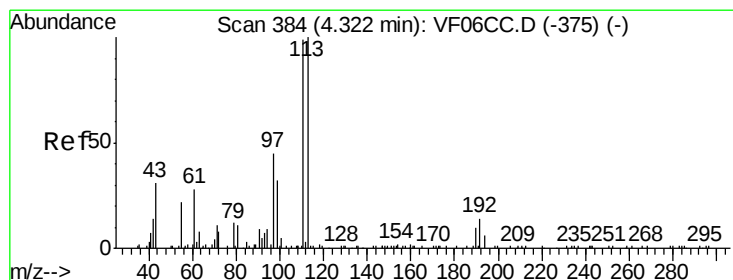
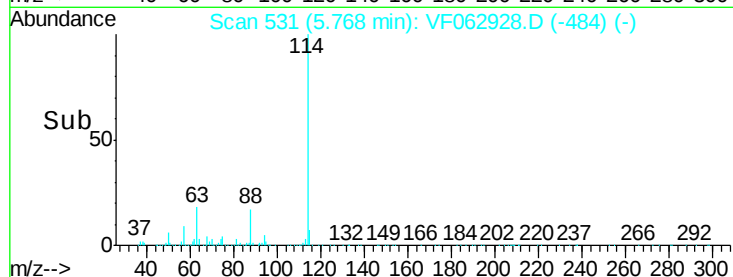
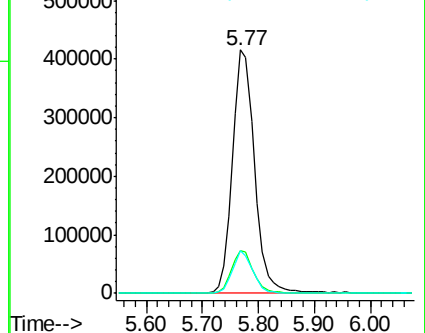
88 17.4 0.0 31.2



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: 14.596 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.02 min

Lab File: VF062928.D

Acq: 12 Jun 2019 15:31

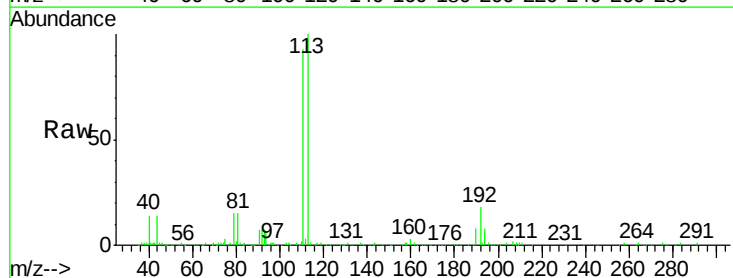
Tgt Ion:113 Resp: 125969

Ion Ratio Lower Upper

113 100

111 93.4 81.9 122.9

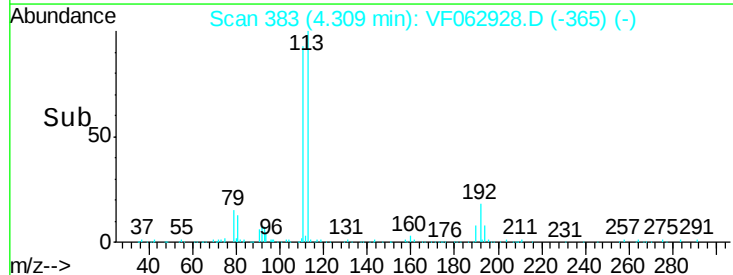
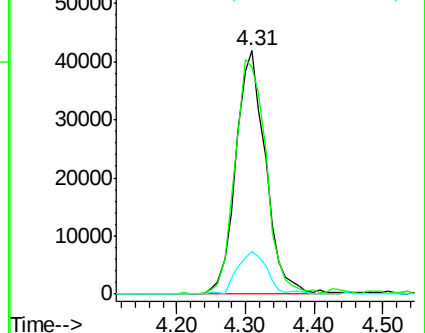
192 17.8 15.1 22.7

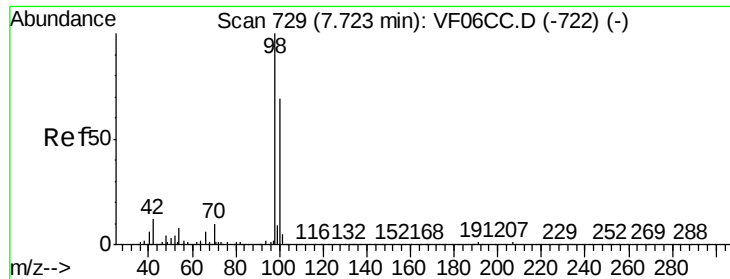


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 39.917 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF062928.D

Acq: 12 Jun 2019 15:31

Instrument :

MSVOA_F

ClientSampleId :

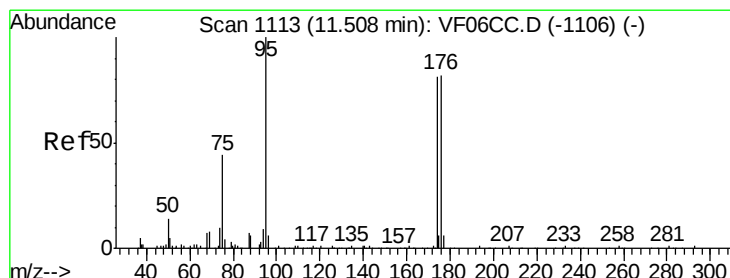
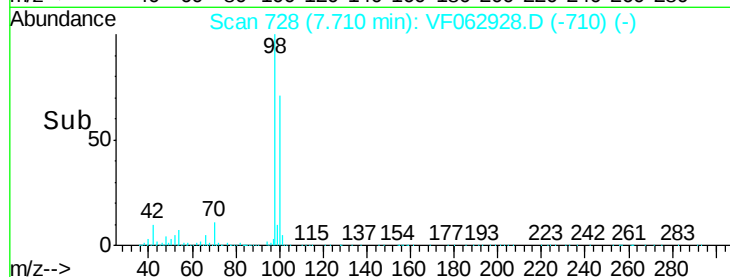
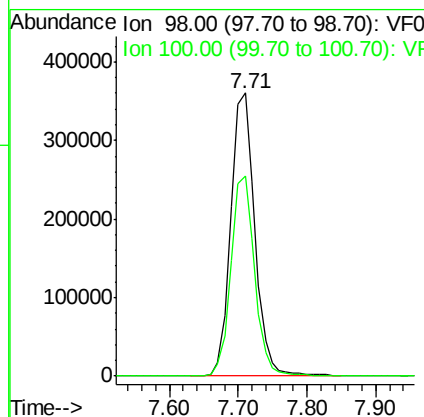
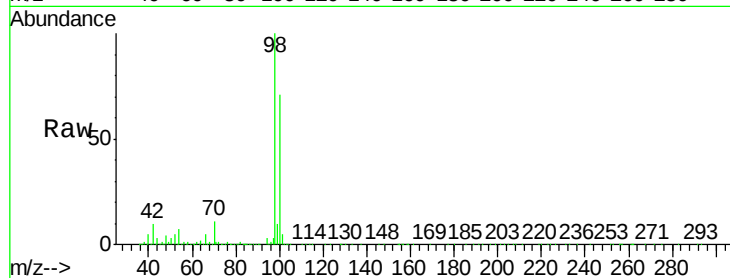
S1(0-5)

Tot Ion: 98 Resp: 871153

Ion Ratio Lower Upper

98 100

100 70.7 59.8 89.8



#62

4-Bromofluorobenzene

Concen: 41.573 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062928.D

Acq: 12 Jun 2019 15:31

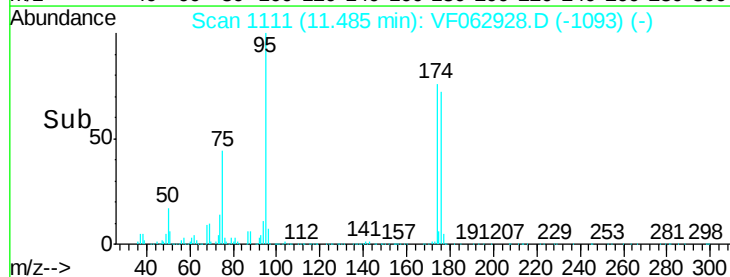
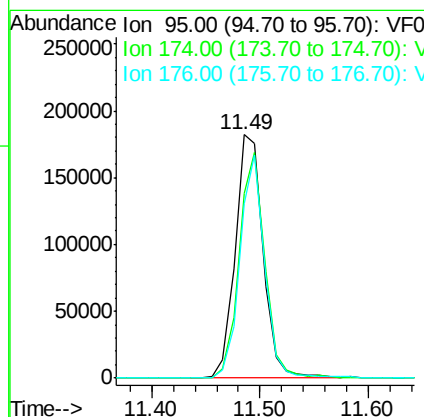
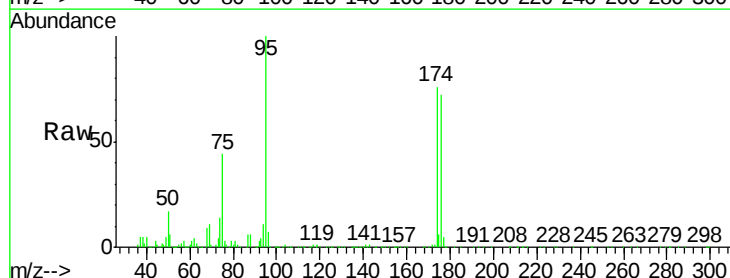
Tgt Ion: 95 Resp: 326364

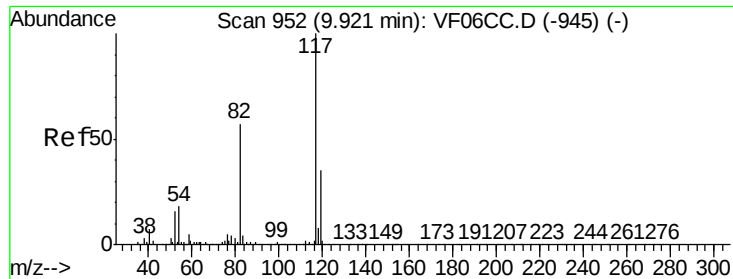
Ion Ratio Lower Upper

95 100

174 76.0 0.0 170.6

176 71.5 0.0 170.6

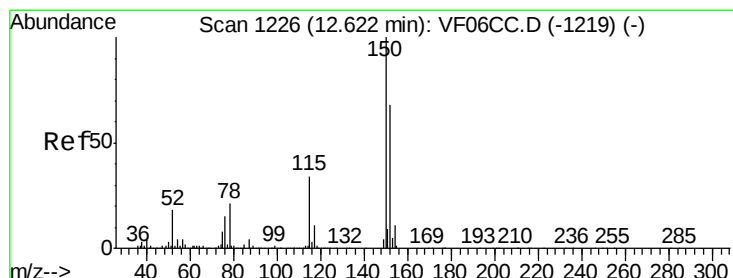
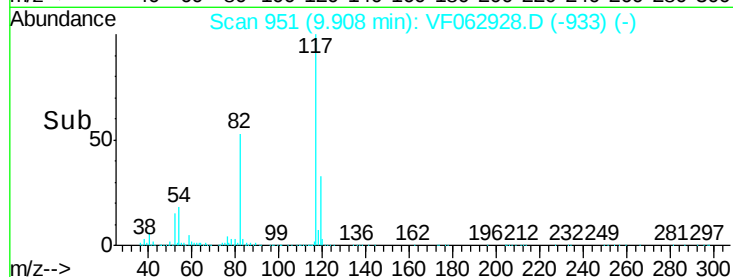
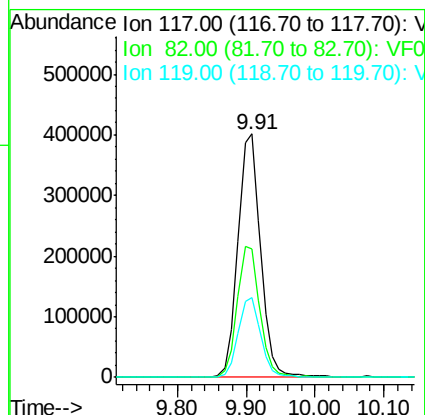
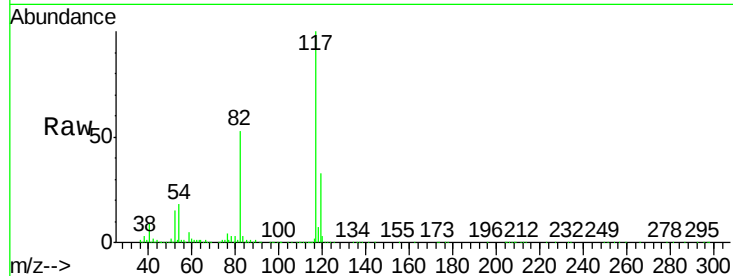




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF062928.D
Acq: 12 Jun 2019 15:31

Instrument :
MSVOA_F
ClientSampled :
S1(0-5)

Tot Ion:117 Resp: 915593
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 32.7 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: VF062928.D
Acq: 12 Jun 2019 15:31

Tgt Ion:152 Resp: 372662
Ion Ratio Lower Upper
152 100
115 54.6 24.6 74.0
150 152.9 0.0 290.6

