

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062880.D
 Acq On : 6 Jun 2019 14:03
 Operator : FY/SY
 Sample : K3153-01
 Misc : 6.41g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-060519-A

Quant Time: Jun 07 01:58:31 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

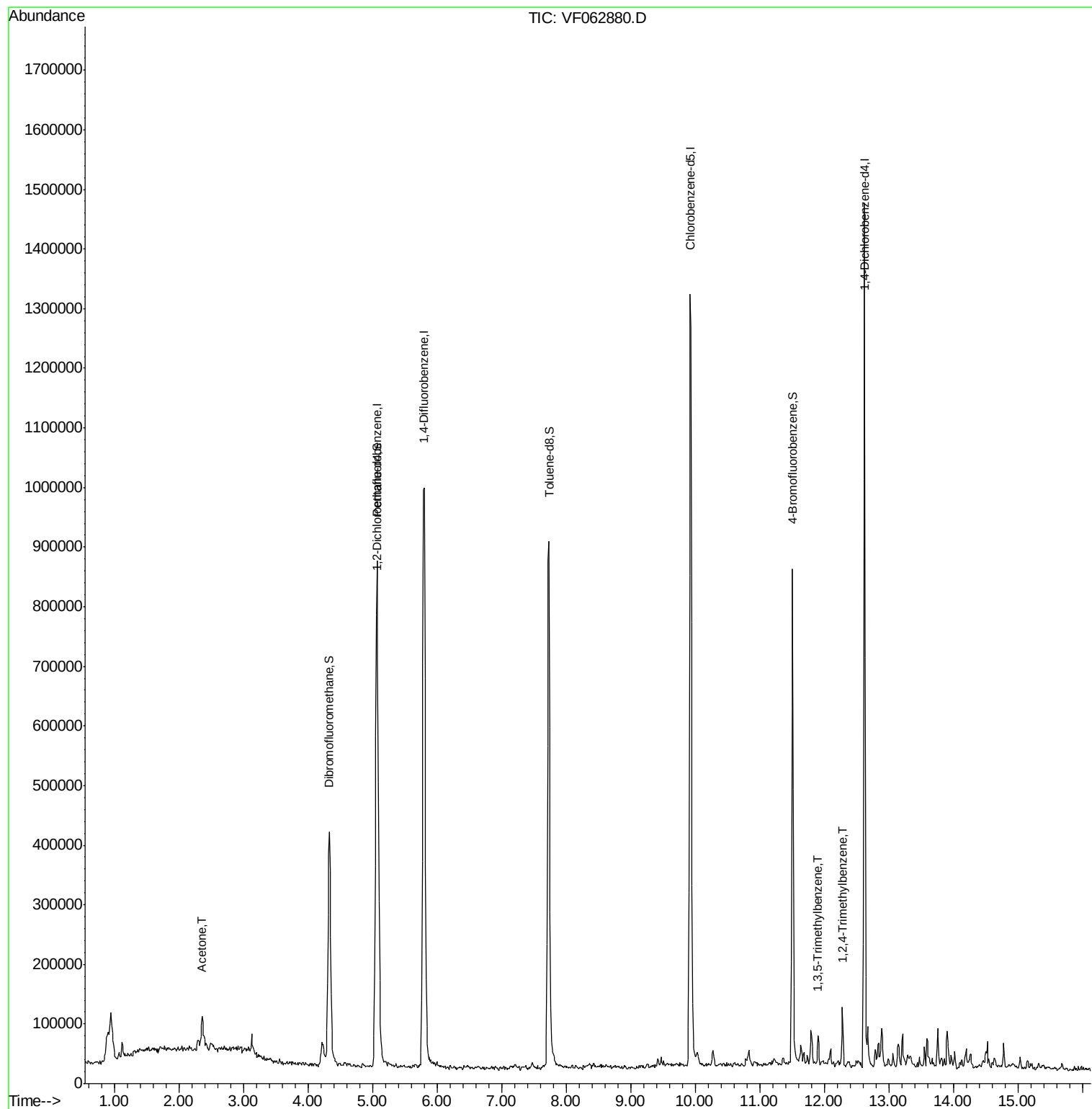
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	731822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1257481	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1021509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	359157	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	216520	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
35) Dibromofluoromethane	4.33	113	392884	41.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.70%	
50) Toluene-d8	7.73	98	802316	33.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.78%	
62) 4-Bromofluorobenzene	11.51	95	289489	33.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.98%	
Target Compounds						
16) Acetone	2.36	43	63041	54.428	ug/l	96
80) 1,3,5-Trimethylbenzene	11.90	105	25214	1.230	ug/l	85
84) 1,2,4-Trimethylbenzene	12.28	105	42146	2.169	ug/l	92

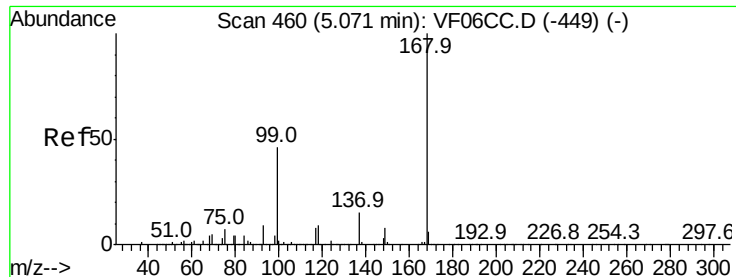
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062880.D

Acq: 6 Jun 2019 14:03

Instrument :

MSVOA_F

ClientSampleId :

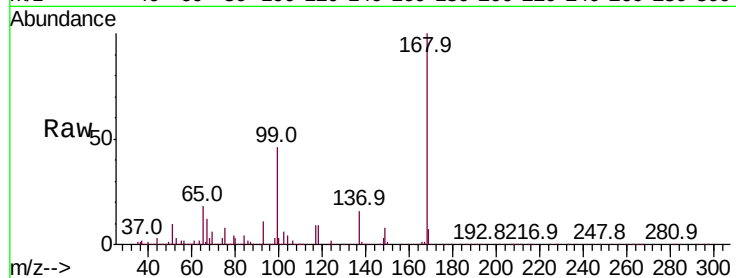
HR-05-060519-A

Tot Ion:168 Resp: 731822

Ion Ratio Lower Upper

168 100

99 46.4 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

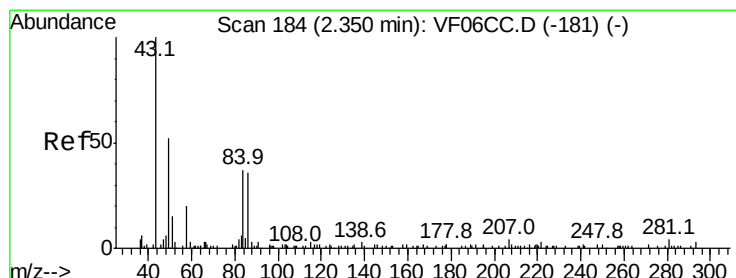
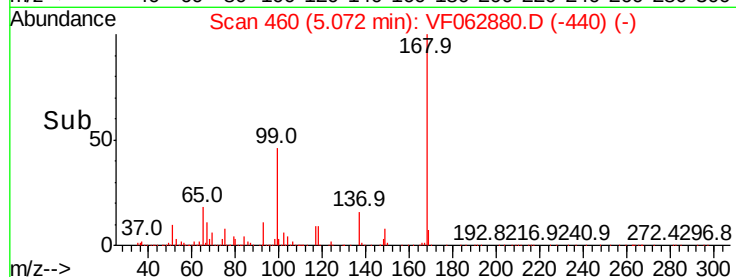
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 54.428 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062880.D

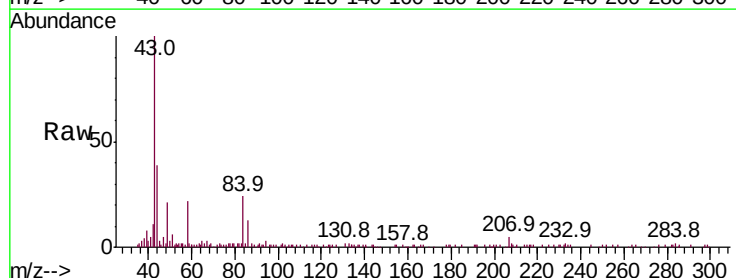
Acq: 6 Jun 2019 14:03

Tgt Ion: 43 Resp: 63041

Ion Ratio Lower Upper

43 100

58 21.9 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

30000

25000

20000

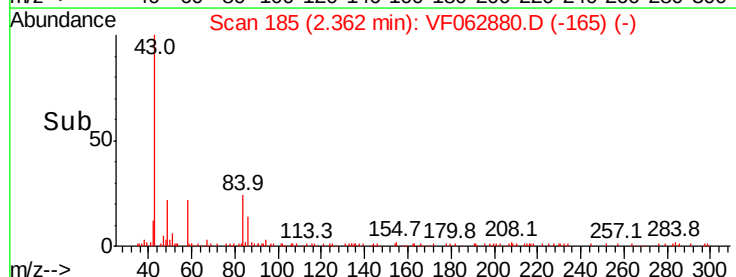
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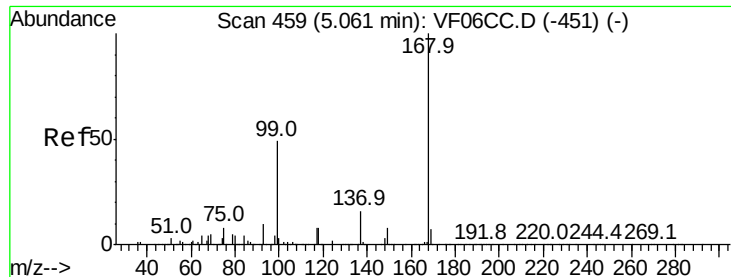
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5000

0

Time-->

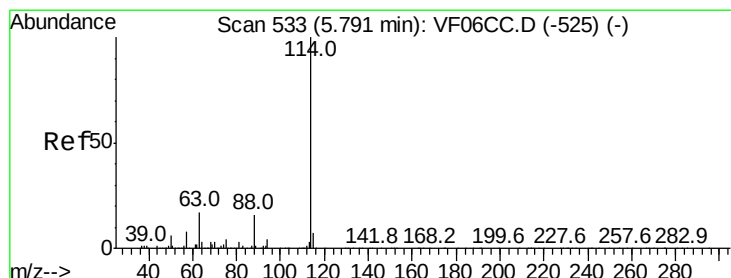
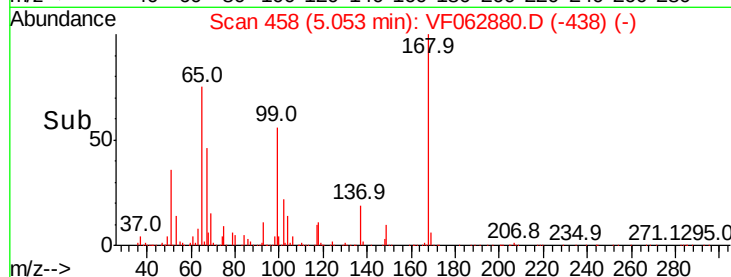
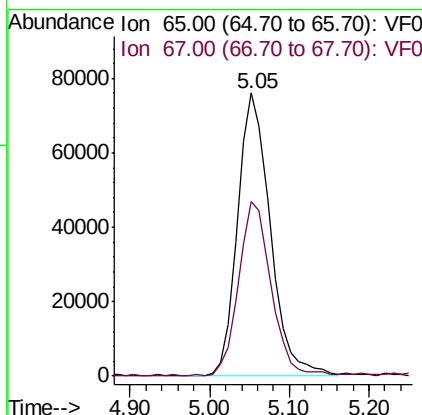
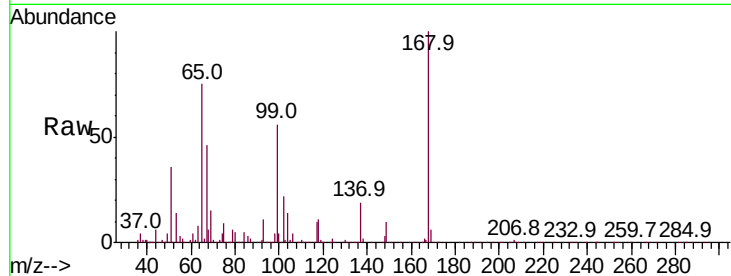




#33
 1,2-Dichloroethane-d4
 Concen: 42.785 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VF062880.D
 Acq: 6 Jun 2019 14:03

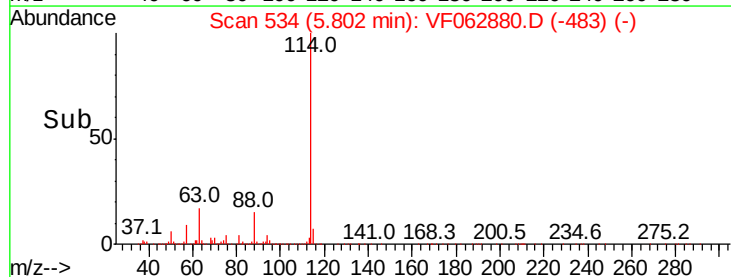
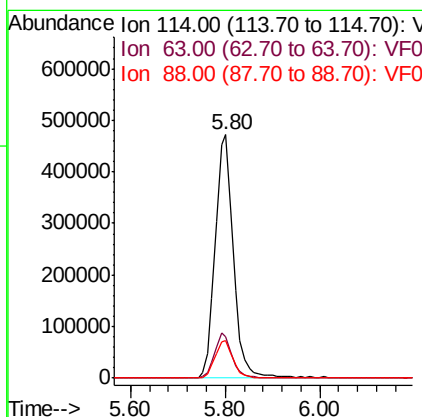
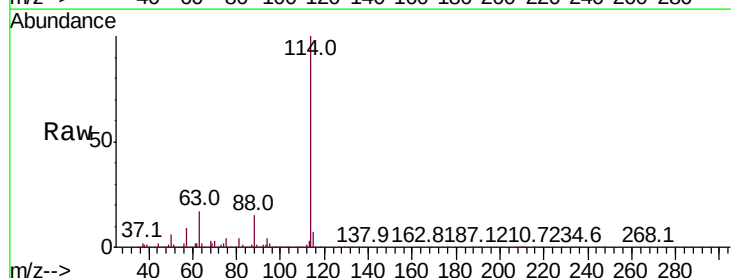
Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-060519-A

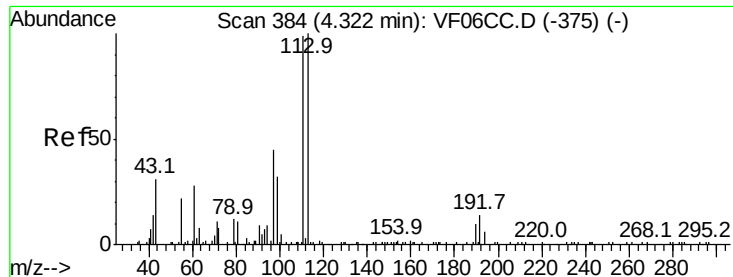
Tot Ion: 65 Resp: 216520
 Ion Ratio Lower Upper
 65 100
 67 61.7 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VF062880.D
 Acq: 6 Jun 2019 14:03

Tgt Ion: 114 Resp: 1257481
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.2
 88 15.3 0.0 31.2

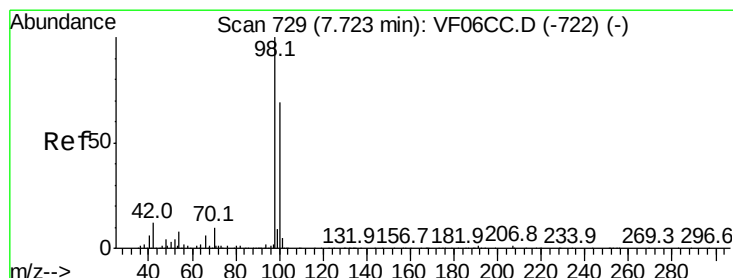
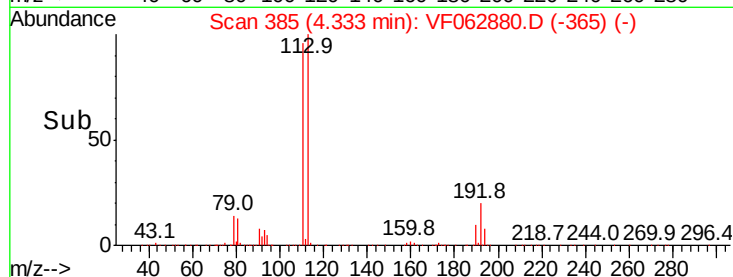
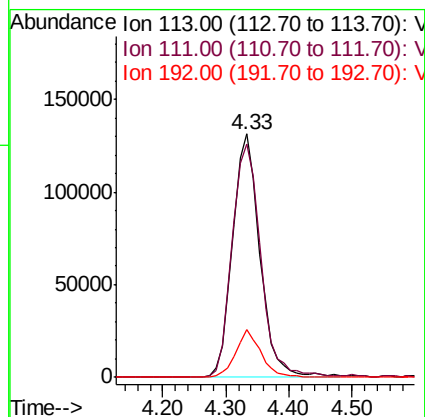
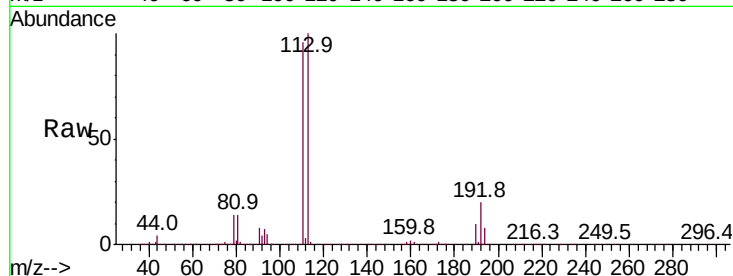




#35
Dibromofluoromethane
Concen: 41.347 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.00 min
Lab File: VF062880.D
Acq: 6 Jun 2019 14:03

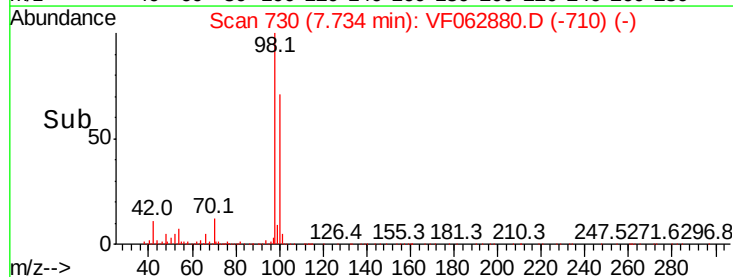
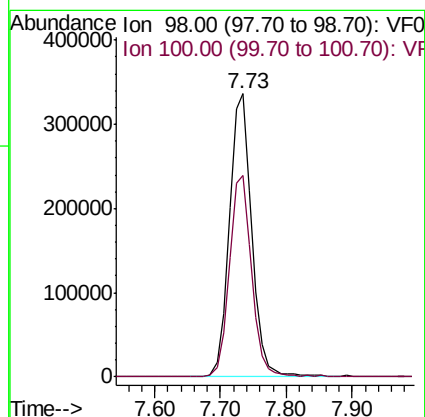
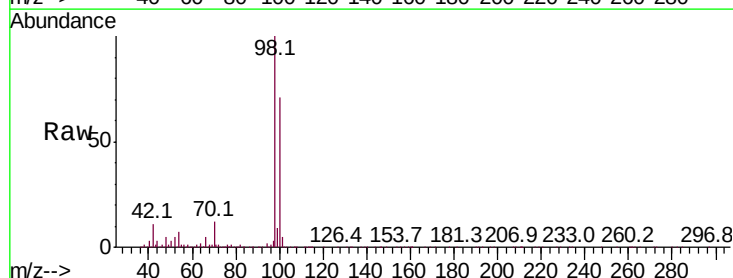
Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-A

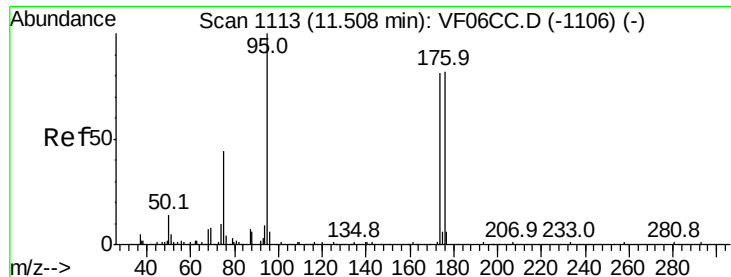
Tot Ion	Ratio	Lower	Upper
113	100		
111	95.7	81.9	122.9
192	19.6	15.1	22.7



#50
Toluene-d8
Concen: 33.390 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.00 min
Lab File: VF062880.D
Acq: 6 Jun 2019 14:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.2	59.8	89.8





#62

4-Bromofluorobenzene

Concen: 33.492 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF062880.D

Acq: 6 Jun 2019 14:03

Instrument :

MSVOA_F

ClientSampleId :

HR-05-060519-A

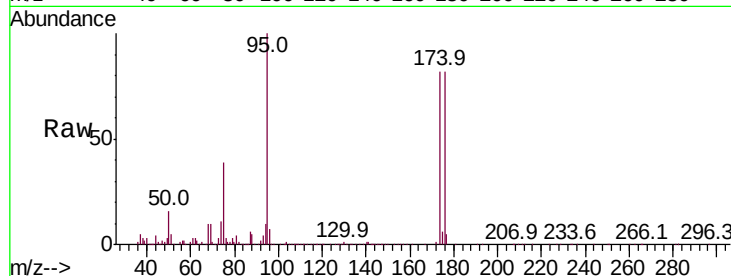
Tot Ion: 95 Resp: 289489

Ion Ratio Lower Upper

95 100

174 82.3 0.0 170.6

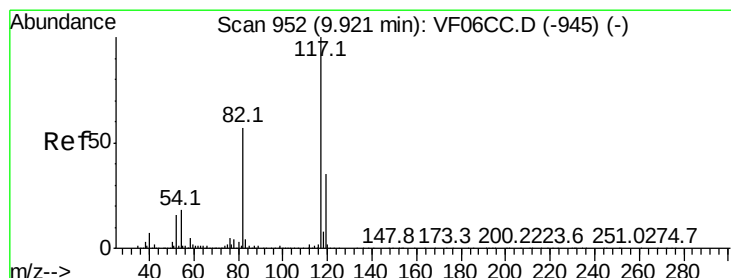
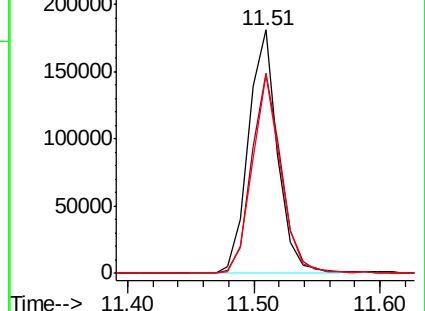
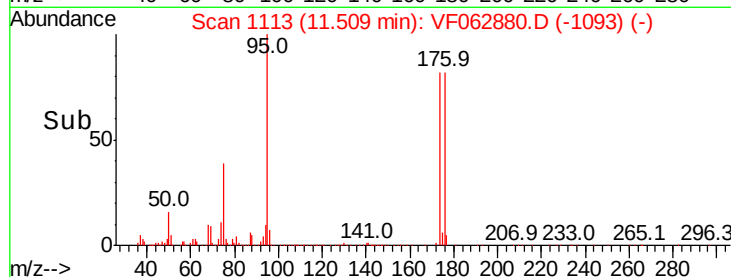
176 81.8 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.00 min

Lab File: VF062880.D

Acq: 6 Jun 2019 14:03

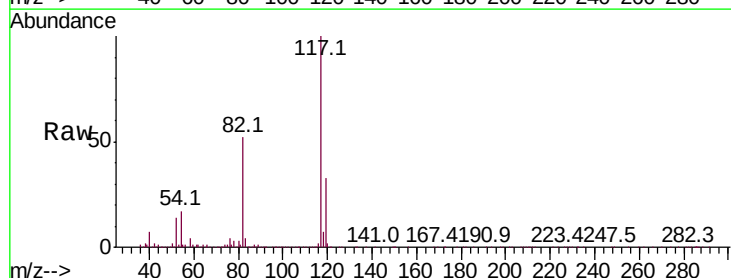
Tgt Ion: 117 Resp: 1021509

Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

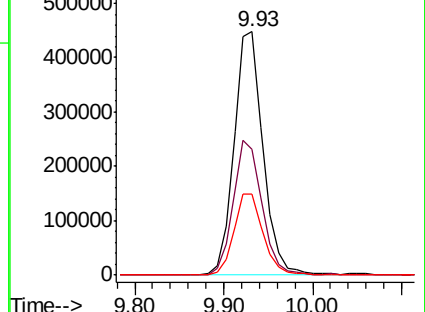
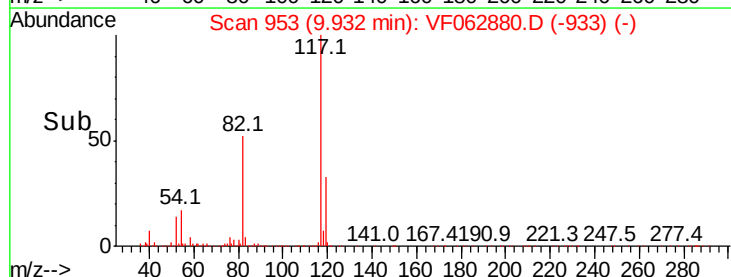
119 33.3 27.1 40.7

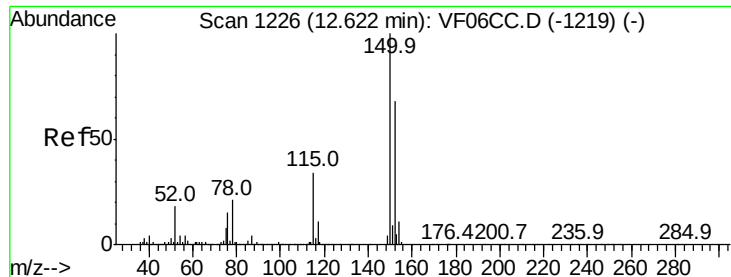


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



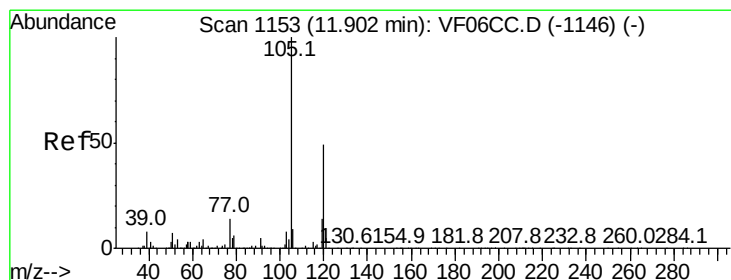
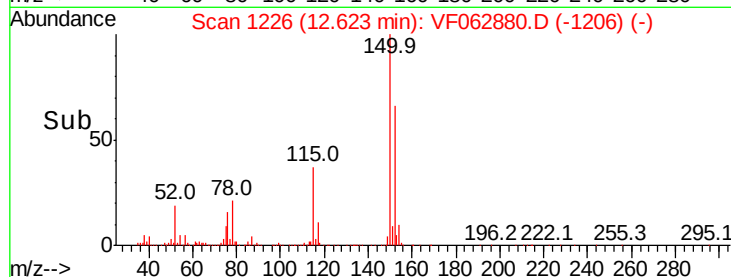
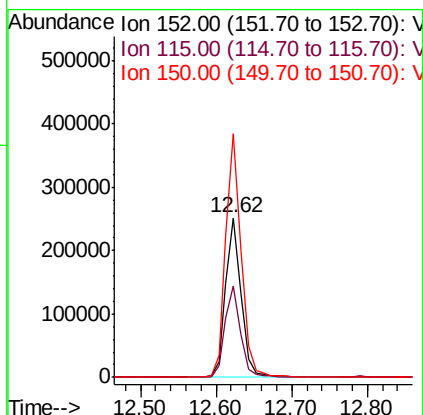
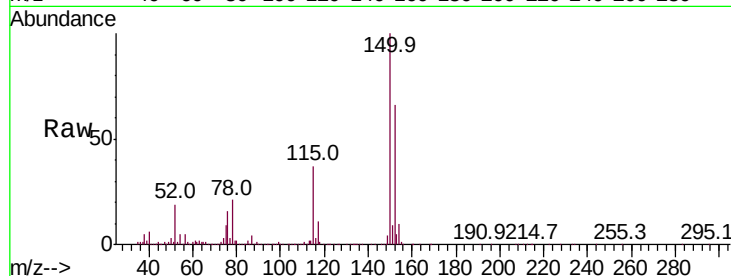


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062880.D
Acq: 6 Jun 2019 14:03

Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-A

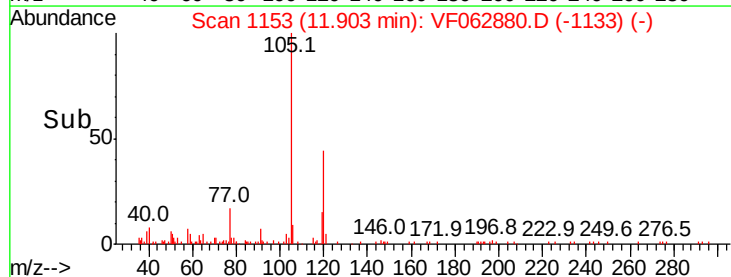
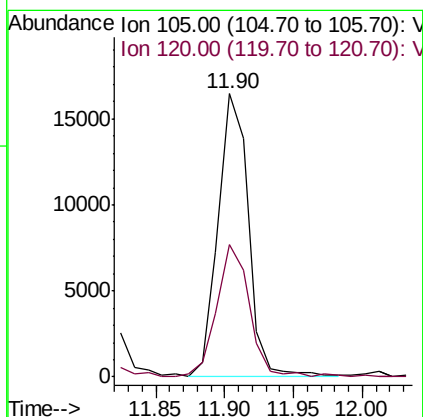
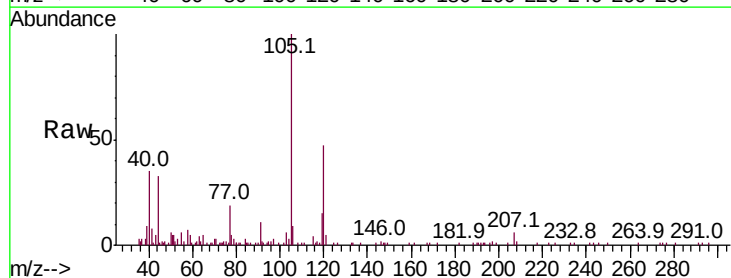
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	24.6	74.0
150	152.4	0.0	290.6

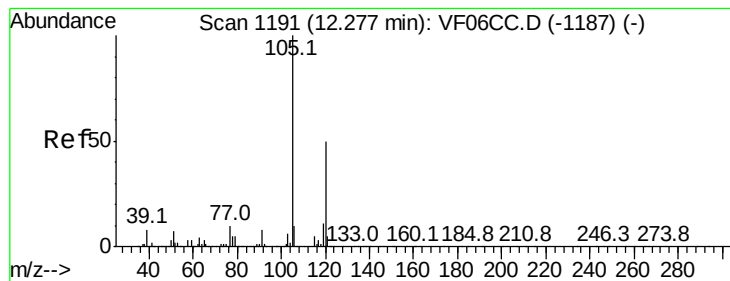


#80

1,3,5-Trimethylbenzene
Concen: 1.230 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VF062880.D
Acq: 6 Jun 2019 14:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	28.7	86.1





#84

1,2,4-Trimethylbenzene

Concen: 2.169 ug/l

RT: 12.28 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VF062880.D

Acq: 6 Jun 2019 14:03

Instrument :

MSVOA_F

ClientSampleId :

HR-05-060519-A

Tot Ion:105 Resp: 42146

Ion Ratio Lower Upper

105 100

120 48.7 27.1 81.3

