

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051419\
 Data File : VF062593.D
 Acq On : 14 May 2019 21:37
 Operator : FY/SY
 Sample : K2808-01
 Misc : 3.44g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-2683-RT-5156

Quant Time: May 15 05:36:31 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

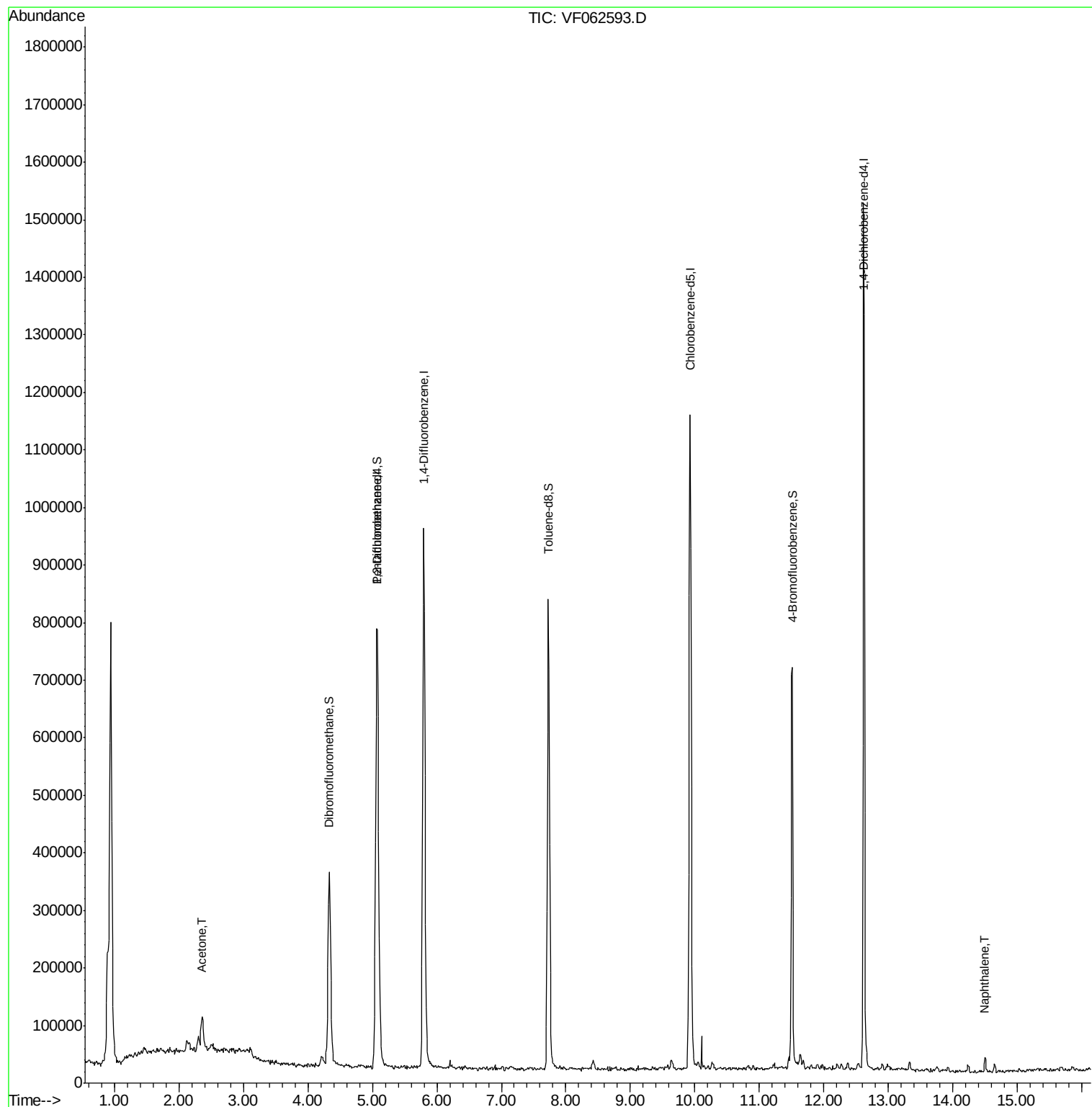
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	712238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1161106	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	838610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	416925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	203481	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
35) Dibromofluoromethane	4.33	113	341837	39.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.12%	
50) Toluene-d8	7.73	98	702952	34.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.04%	
62) 4-Bromofluorobenzene	11.50	95	270207	37.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.98%	
Target Compounds						
16) Acetone	2.36	43	81158	74.333	ug/l #	83
95) Naphthalene	14.50	128	17614	1.416	ug/l	99

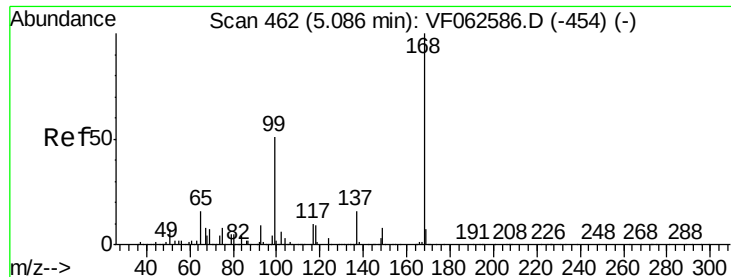
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. -0.01 min

Lab File: VF062593.D

Acq: 14 May 2019 21:37

Instrument :

MSVOA_F

ClientSampleId :

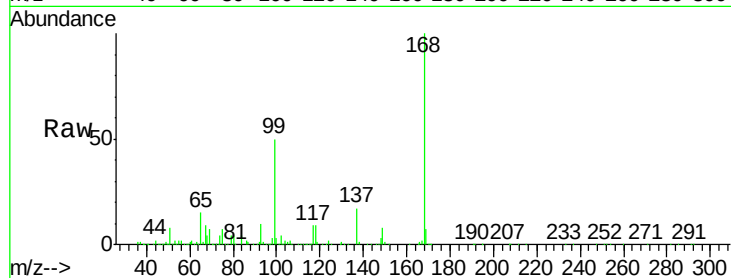
RT-2683-RT-5156

Tot Ion:168 Resp: 712238

Ion Ratio Lower Upper

168 100

99 49.6 41.0 61.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

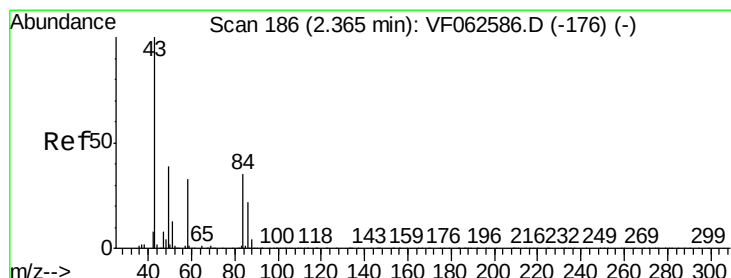
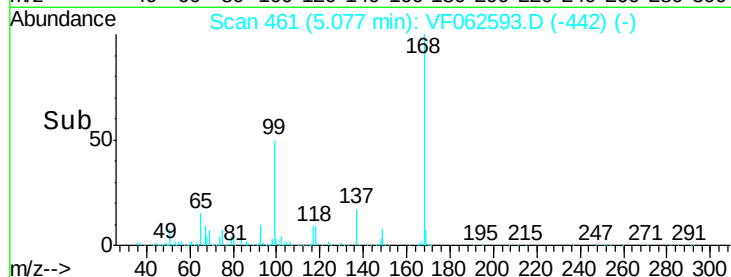
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20



#16

Acetone

Concen: 74.333 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.01 min

Lab File: VF062593.D

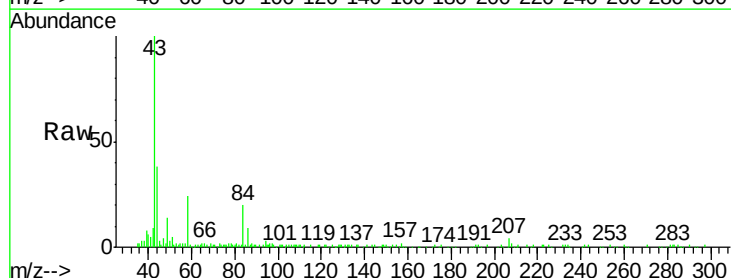
Acq: 14 May 2019 21:37

Tgt Ion: 43 Resp: 81158

Ion Ratio Lower Upper

43 100

58 23.7 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

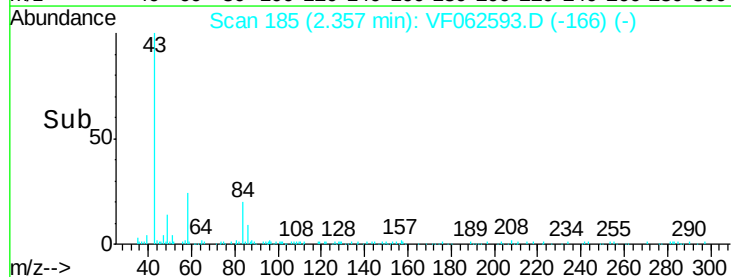
30000

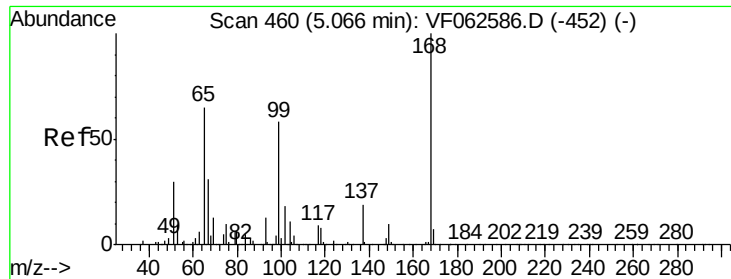
20000

10000

0

Time--> 2.30 2.40 2.50

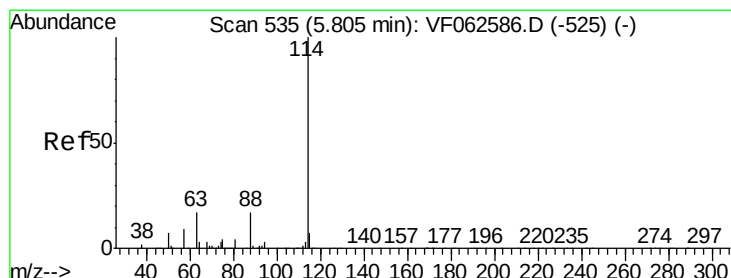
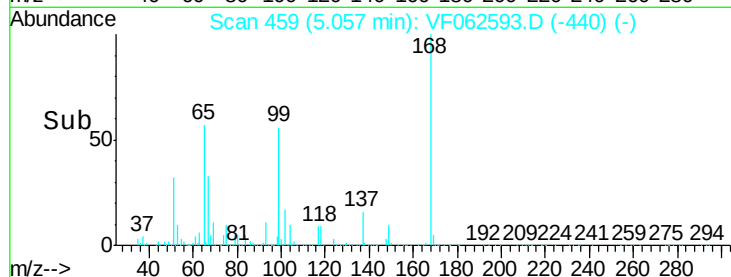
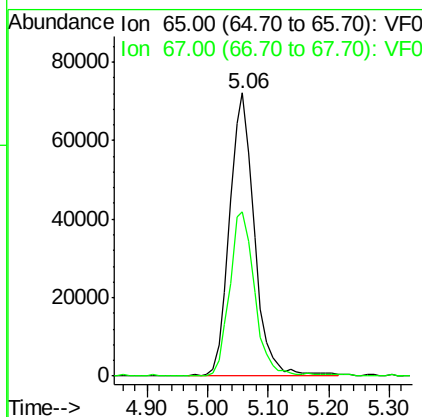
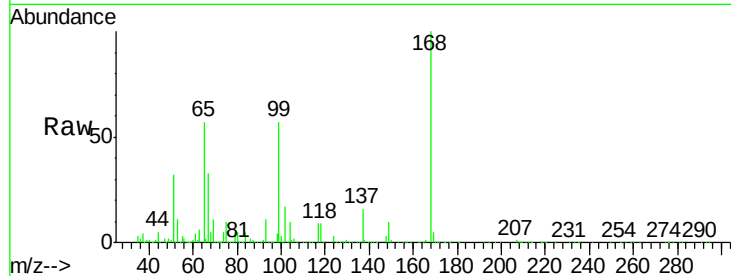




#33
 1,2-Dichloroethane-d4
 Concen: 37.817 ug/l
 RT: 5.06 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VF062593.D
 Acq: 14 May 2019 21:37

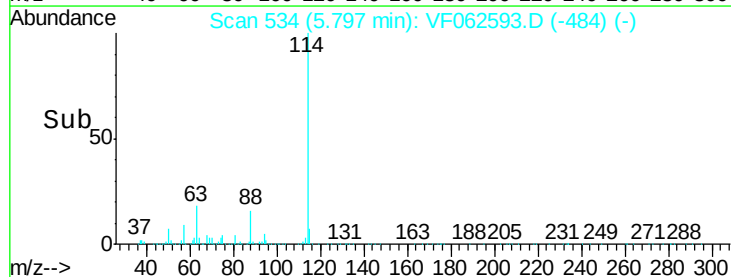
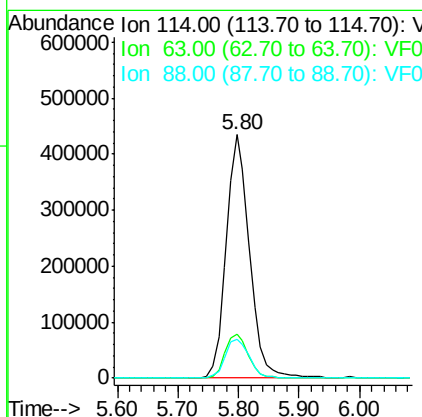
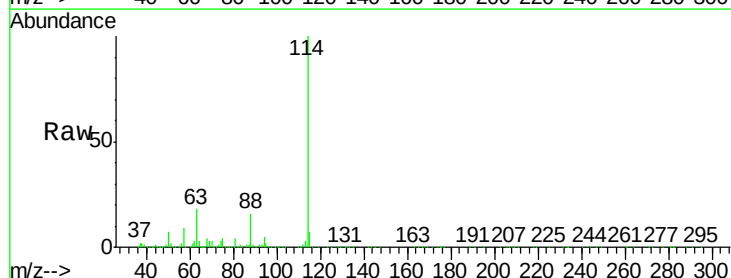
Instrument :
 MSVOA_F
 ClientSampleId :
 RT-2683-RT-5156

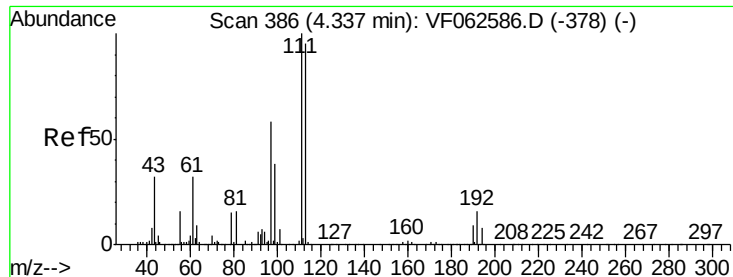
Tot Ion: 65 Resp: 203481
 Ion Ratio Lower Upper
 65 100
 67 58.2 0.0 116.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VF062593.D
 Acq: 14 May 2019 21:37

Tgt Ion: 114 Resp: 1161106
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.6
 88 16.2 0.0 33.6

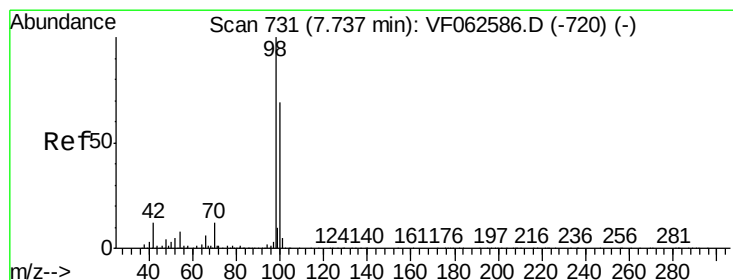
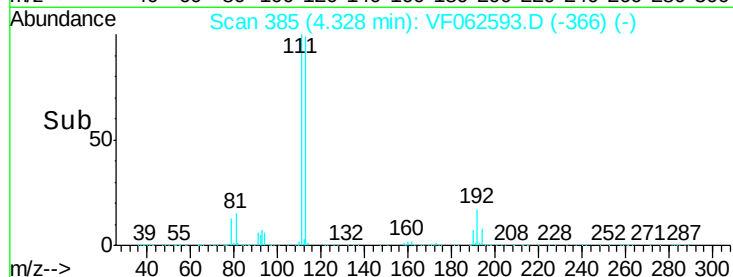
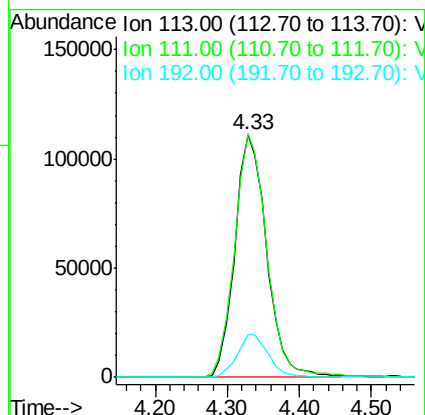
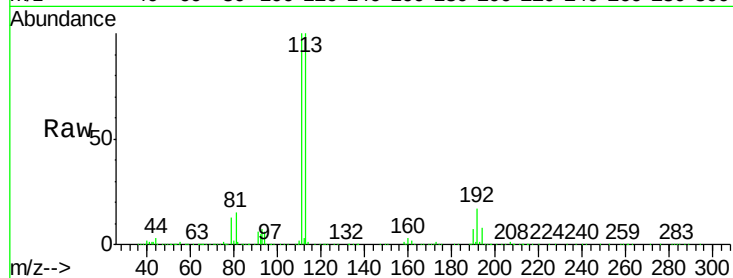




#35
Dibromofluoromethane
Concen: 39.556 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062593.D
Acq: 14 May 2019 21:37

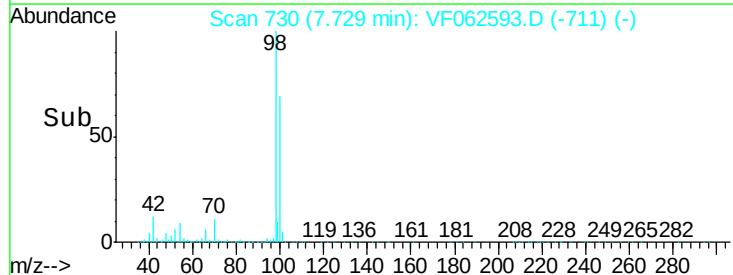
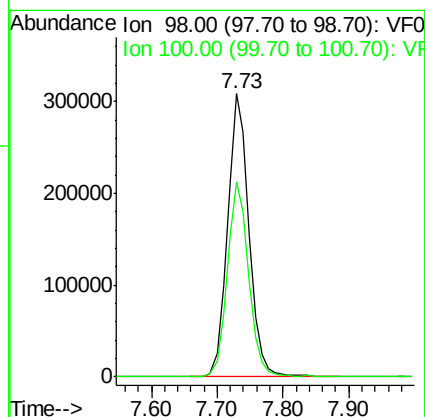
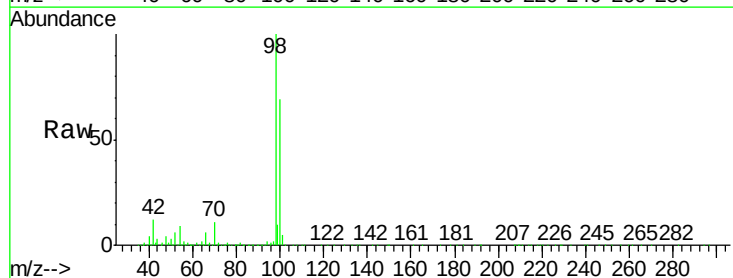
Instrument :
MSVOA_F
ClientSampleId :
RT-2683-RT-5156

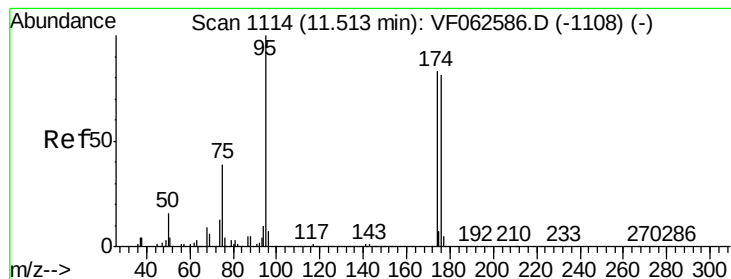
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	83.9	125.9
192	17.7	13.7	20.5



#50
Toluene-d8
Concen: 34.520 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062593.D
Acq: 14 May 2019 21:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.4	83.0





#62

4-Bromofluorobenzene

Concen: 37.994 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062593.D

Acq: 14 May 2019 21:37

Instrument :

MSVOA_F

ClientSampleId :

RT-2683-RT-5156

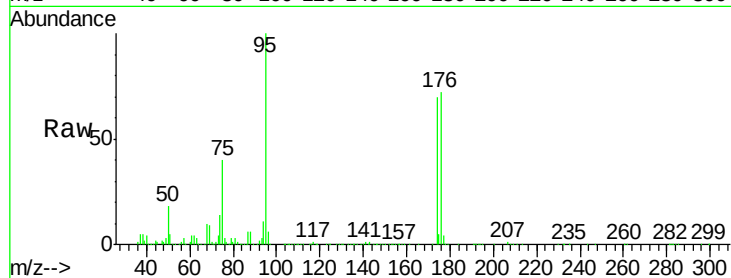
Tot Ion: 95 Resp: 270207

Ion Ratio Lower Upper

95 100

174 70.5 0.0 166.6

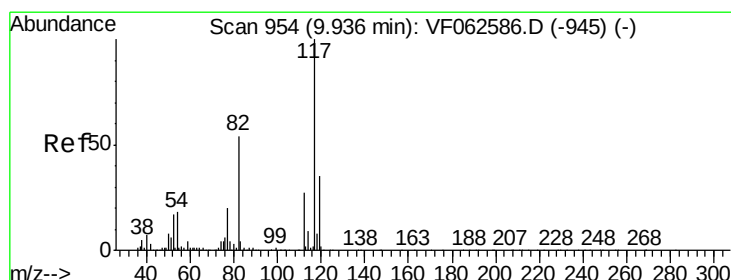
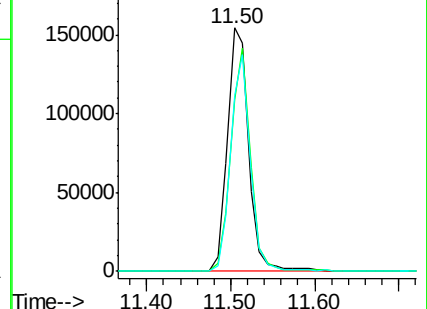
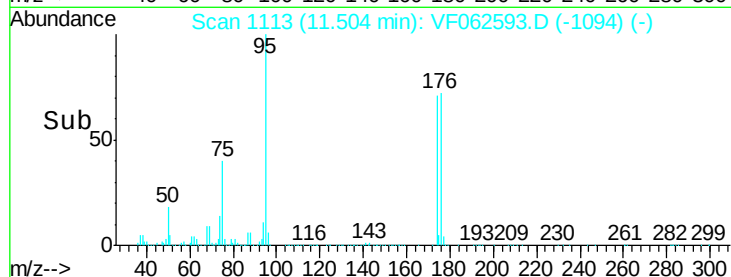
176 72.1 0.0 161.8



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. -0.01 min

Lab File: VF062593.D

Acq: 14 May 2019 21:37

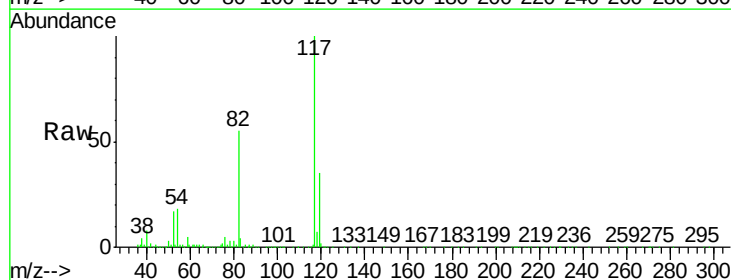
Tgt Ion: 117 Resp: 838610

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

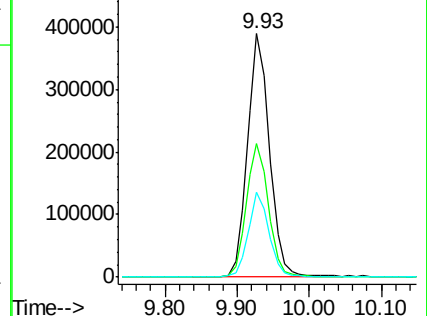
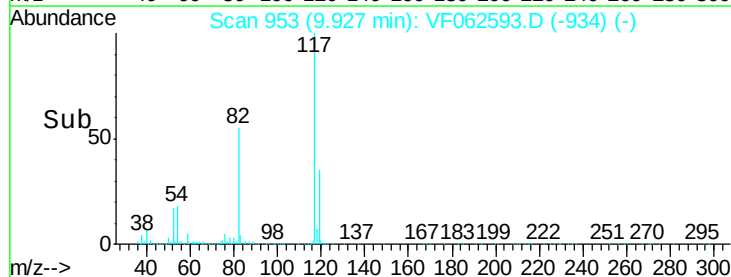
119 34.7 27.7 41.5

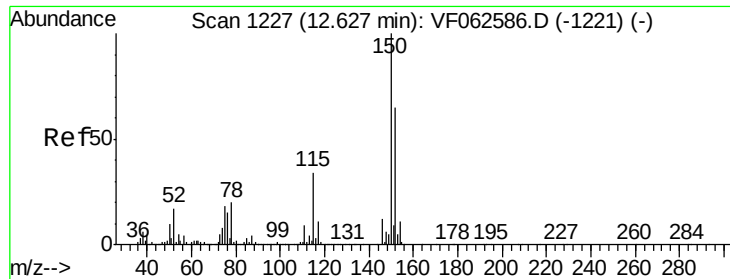


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF062593.D

Acq: 14 May 2019 21:37

Instrument :

MSVOA_F

ClientSampleId :

RT-2683-RT-5156

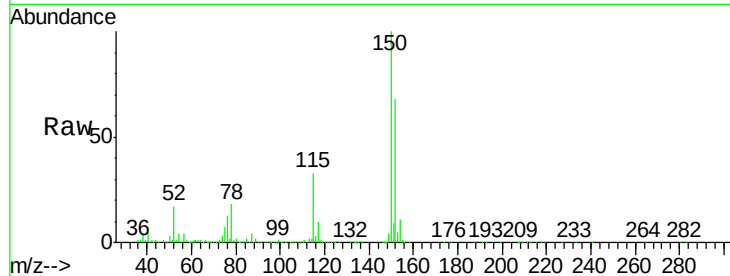
Tot Ion:152 Resp: 416925

Ion Ratio Lower Upper

152 100

115 48.8 26.2 78.6

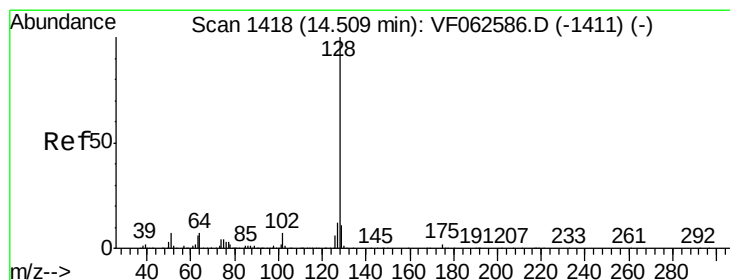
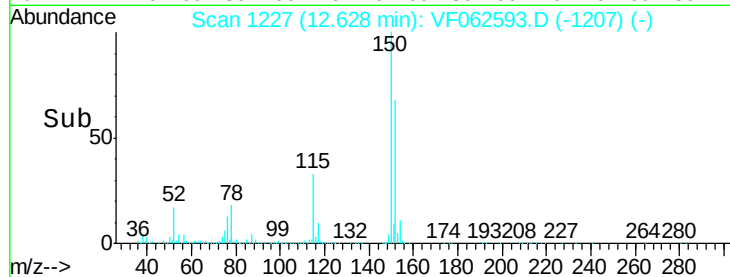
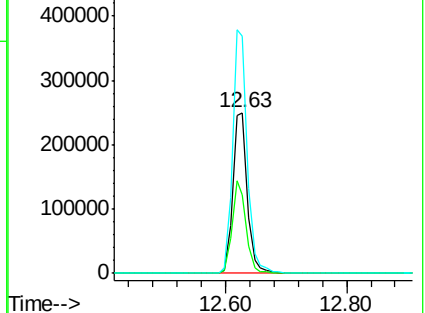
150 147.2 0.0 316.0



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene

Concen: 1.416 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VF062593.D

Acq: 14 May 2019 21:37

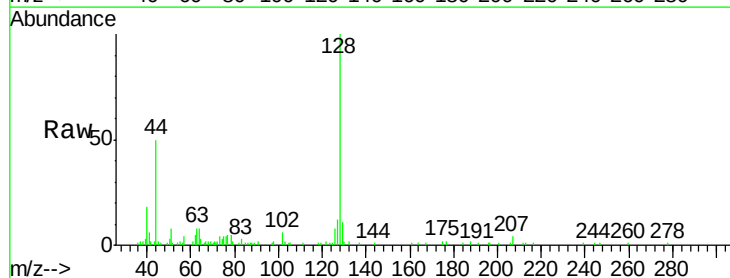
Tgt Ion:128 Resp: 17614

Ion Ratio Lower Upper

128 100

127 11.7 9.5 14.3

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

