

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061596.D
 Acq On : 11 Feb 2019 20:03
 Operator : VA/AP
 Sample : K1458-04RE
 Misc : 5.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2RE

Quant Time: Feb 12 05:04:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

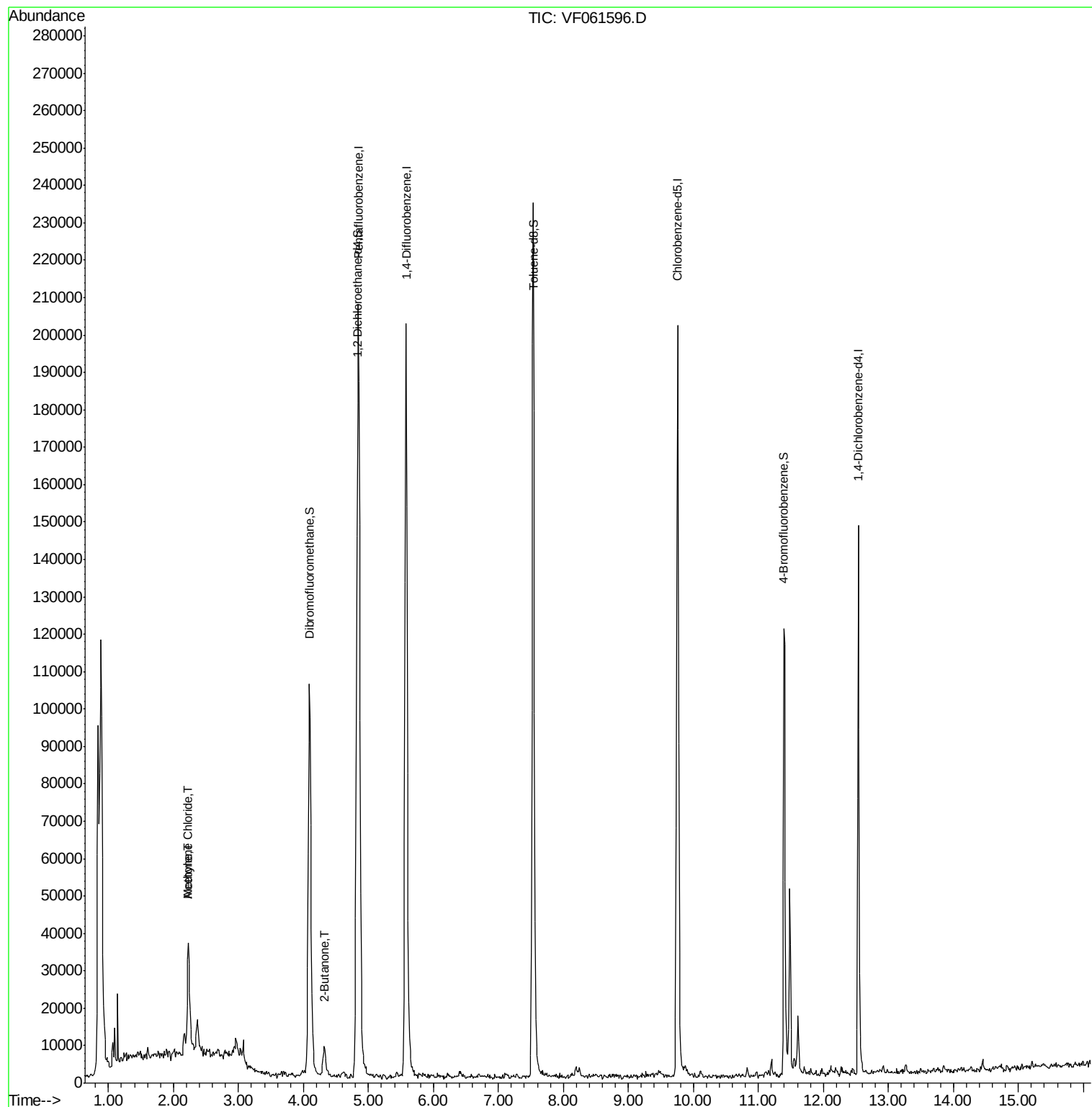
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	140021	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	229868	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	145643	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	33912	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	96337	55.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.46%	
35) Dibromofluoromethane	4.09	113	98343	54.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.44%	
50) Toluene-d8	7.54	98	192363	38.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.42%	
62) 4-Bromofluorobenzene	11.39	95	49387	21.27	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	42.54%	
Target Compounds						
16) Acetone	2.23	43	45877	132.285	ug/l	97
20) Methylene Chloride	2.23	84	5966m	3.431	ug/l	
25) 2-Butanone	4.32	43	17149	29.735	ug/l	94

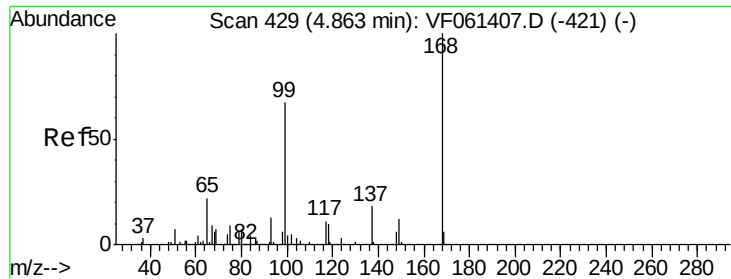
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061596.D

Acq: 11 Feb 2019 20:03

Instrument :

MSVOA_F

ClientSampleId :

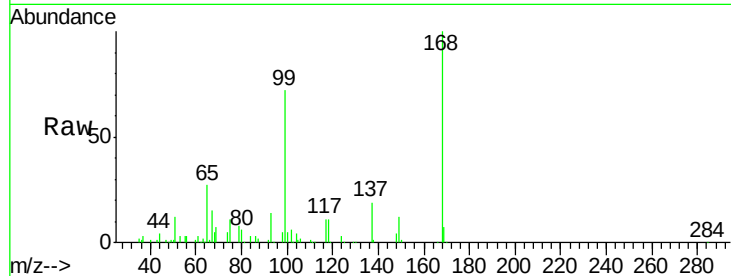
SB-2RE

Tot Ion:168 Resp: 140021

Ion Ratio Lower Upper

168 100

99 71.6 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

50000

40000

30000

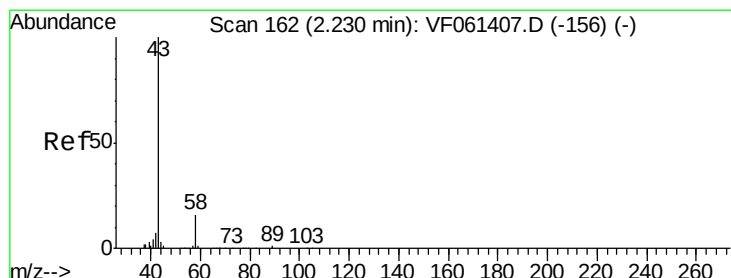
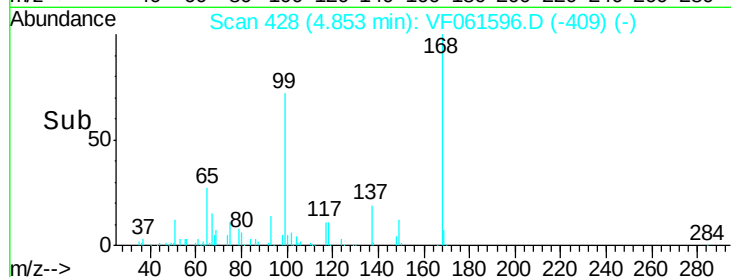
20000

10000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 132.285 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061596.D

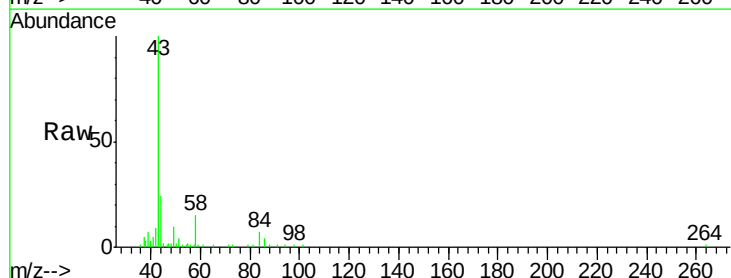
Acq: 11 Feb 2019 20:03

Tgt Ion: 43 Resp: 45877

Ion Ratio Lower Upper

43 100

58 15.2 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

20000

15000

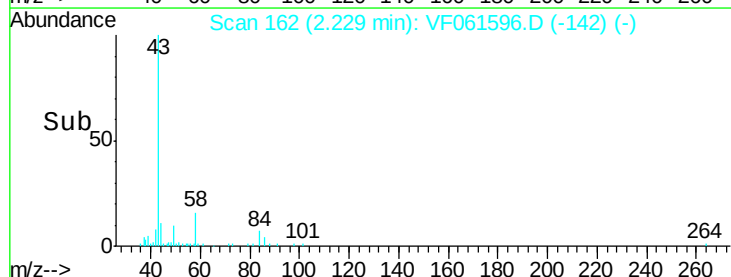
10000

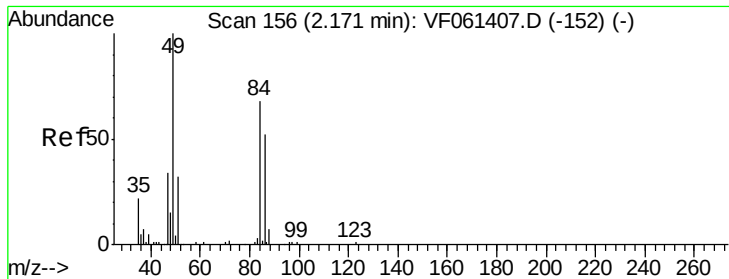
5000

0

Time-->

2.10 2.20 2.30

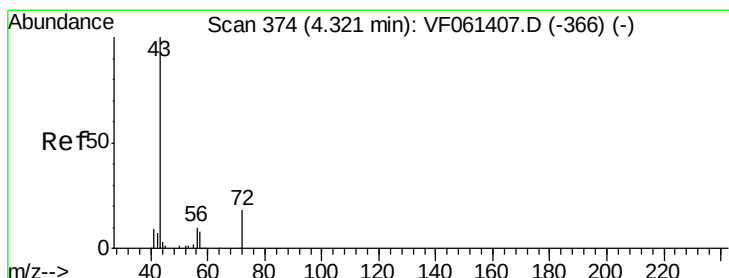
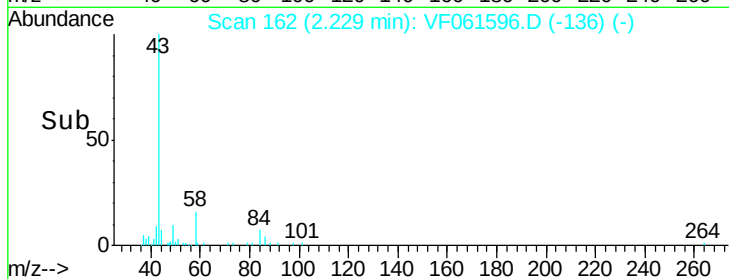
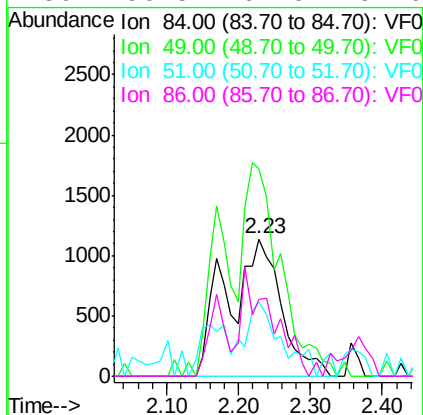
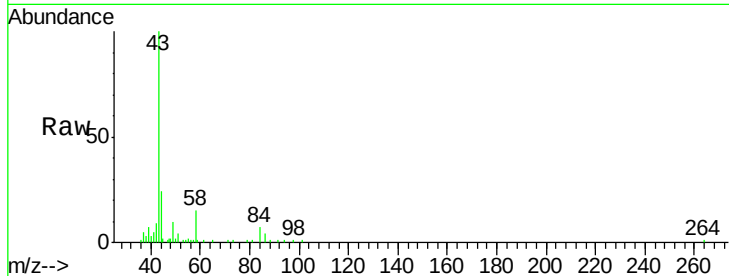




#20
Methvlene Chloride
Concen: 3.431 ug/l m
RT: 2.23 min Scan# 162
Delta R.T. 0.06 min
Lab File: VF061596.D
Acq: 11 Feb 2019 20:03

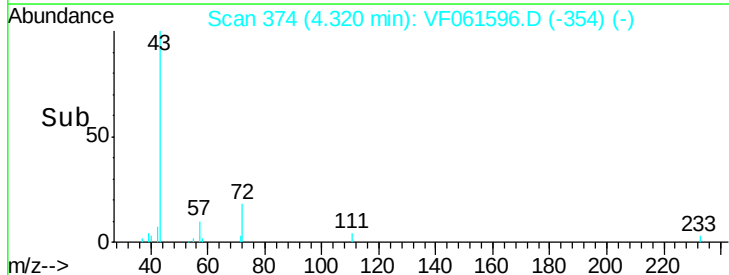
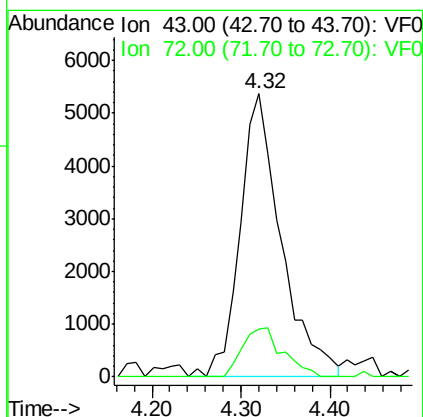
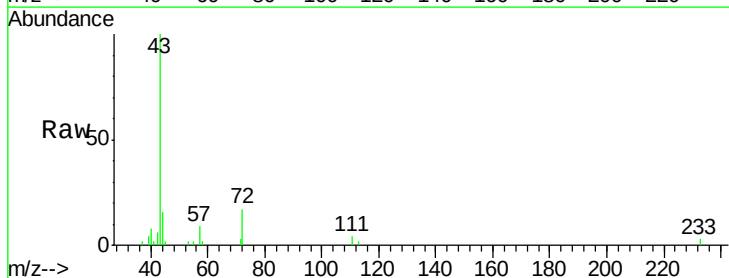
Instrument :
MSVOA_F
ClientSampleId :
SB-2RE

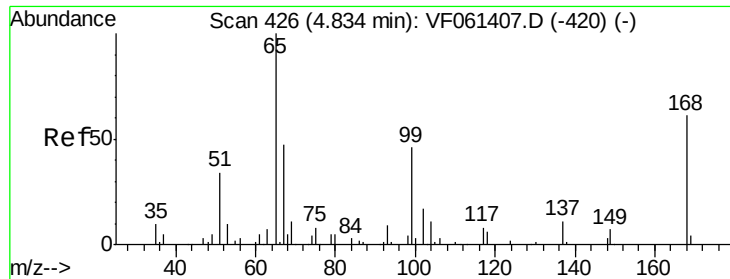
Tot Ion: 84 Resp: 5966
Ion Ratio Lower Upper
84 100
49 151.4 120.0 180.0
51 53.7 38.6 58.0
86 56.5 61.0 91.6#



#25
2-Butanone
Concen: 29.735 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.00 min
Lab File: VF061596.D
Acq: 11 Feb 2019 20:03

Tgt Ion: 43 Resp: 17149
Ion Ratio Lower Upper
43 100
72 16.9 15.8 23.6

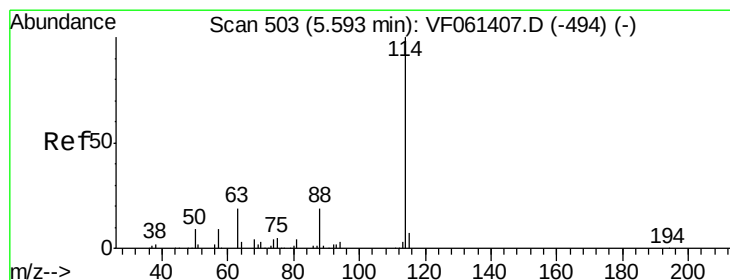
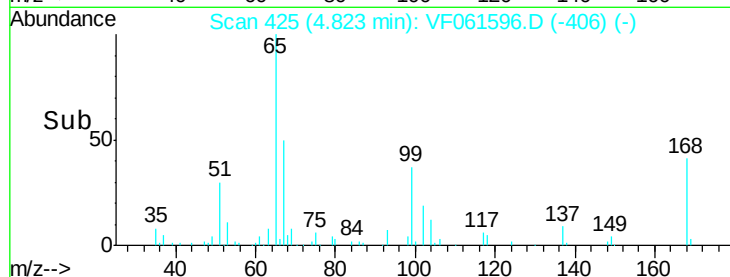
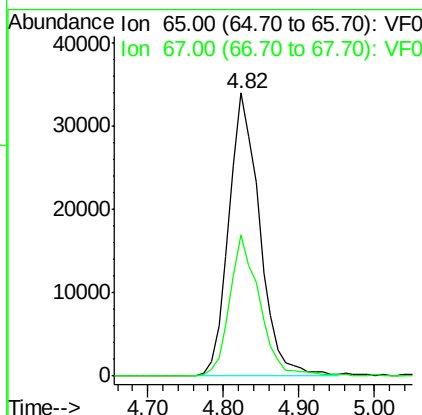
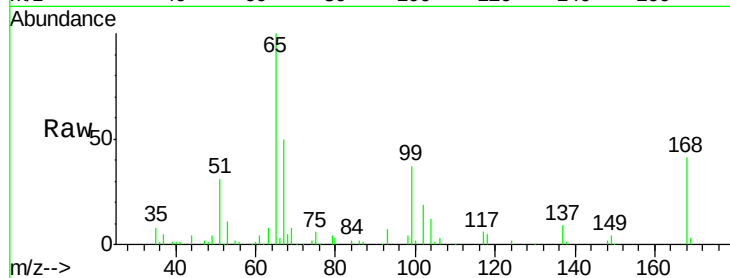




#33
 1,2-Dichloroethane-d4
 Concen: 55.727 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: VF061596.D
 Acq: 11 Feb 2019 20:03

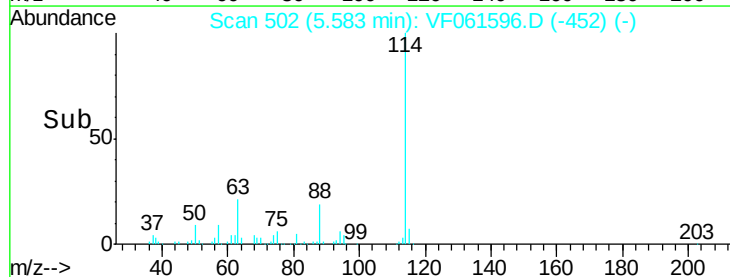
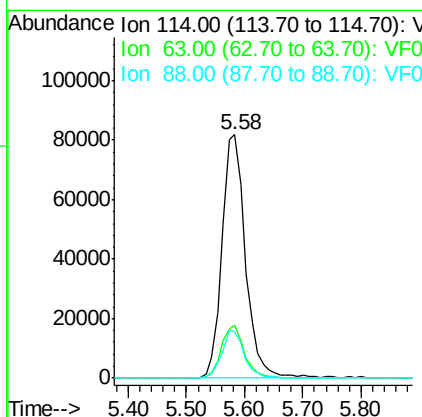
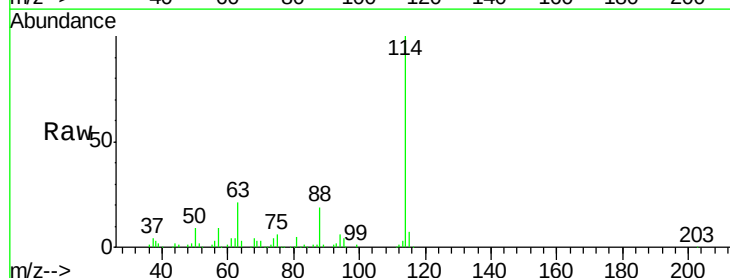
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2RE

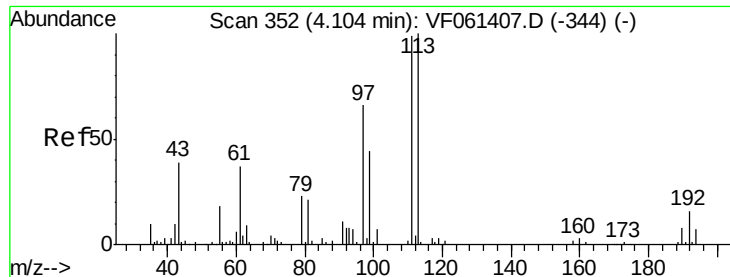
Tot Ion: 65 Resp: 96337
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF061596.D
 Acq: 11 Feb 2019 20:03

Tgt Ion: 114 Resp: 229868
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.0
 88 19.3 0.0 37.4





#35

Dibromofluoromethane

Concen: 54.218 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF061596.D

Acq: 11 Feb 2019 20:03

Instrument :

MSVOA_F

ClientSampleId :

SB-2RE

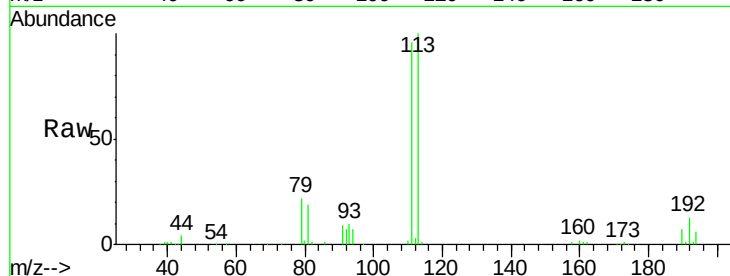
Tot Ion:113 Resp: 98343

Ion Ratio Lower Upper

113 100

111 95.7 79.4 119.0

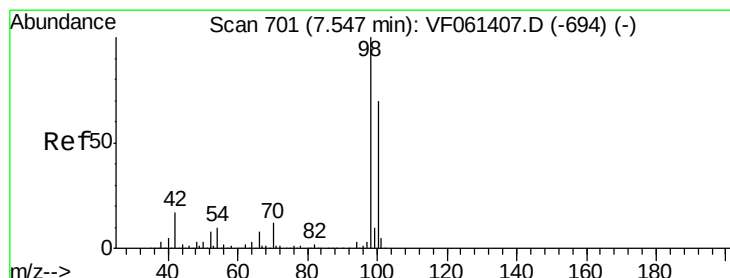
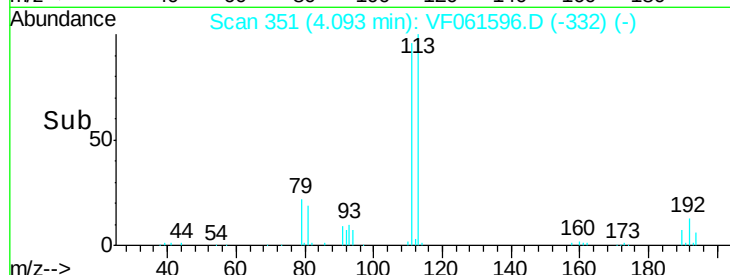
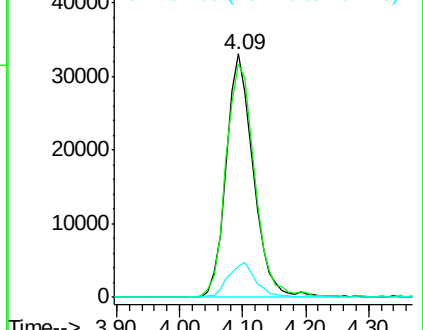
192 12.9 12.4 18.6



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: 38.708 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.01 min

Lab File: VF061596.D

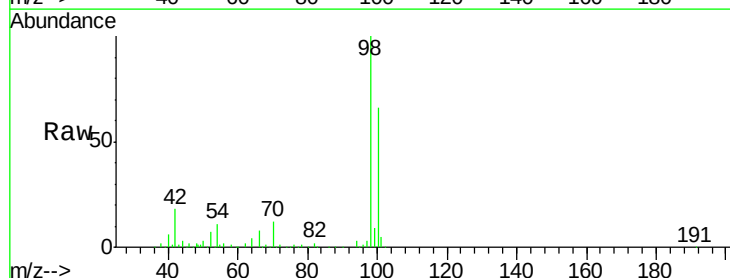
Acq: 11 Feb 2019 20:03

Tgt Ion: 98 Resp: 192363

Ion Ratio Lower Upper

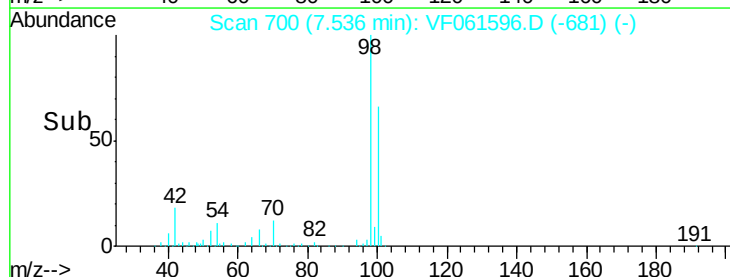
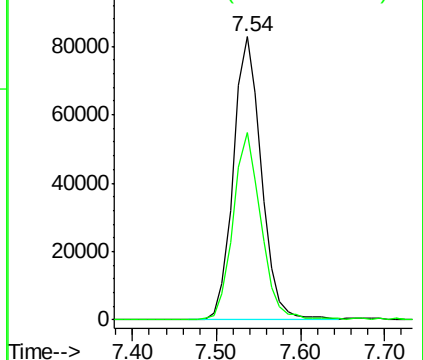
98 100

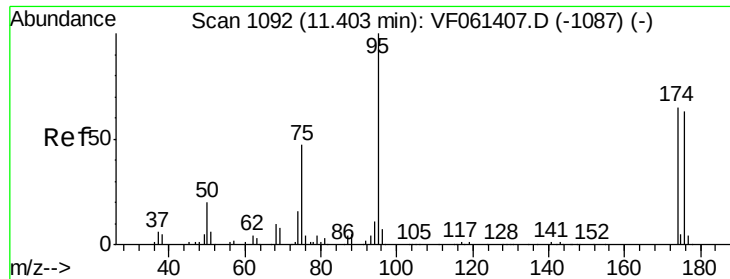
100 66.4 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 21.270 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VF061596.D

Acq: 11 Feb 2019 20:03

Instrument :

MSVOA_F

ClientSampleId :

SB-2RE

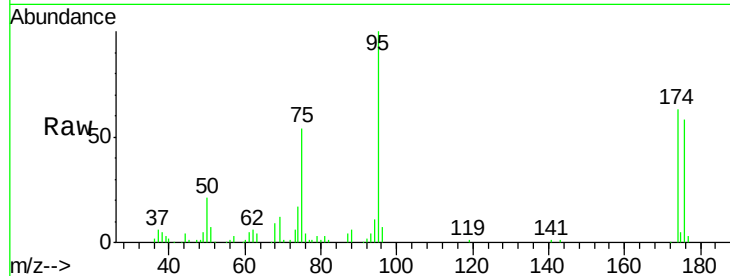
Tot Ion: 95 Resp: 49387

Ion Ratio Lower Upper

95 100

174 62.6 0.0 130.4

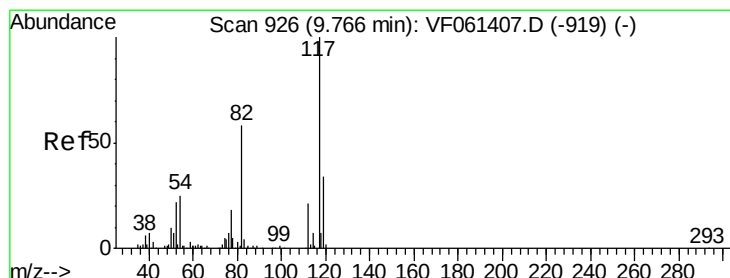
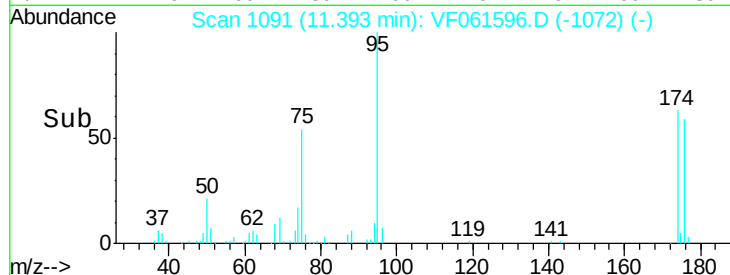
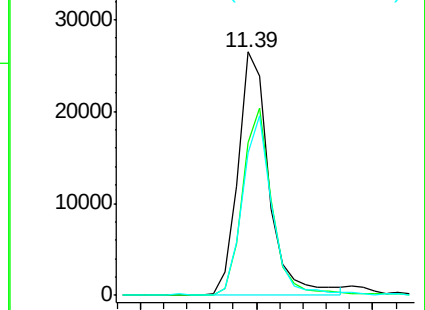
176 58.5 0.0 126.2



Abundance Ion 95.00 (94.70 to 95.70): VF061407.D (-1087) (-)

Ion 174.00 (173.70 to 174.70): VF061407.D (-1087) (-)

Ion 176.00 (175.70 to 176.70): VF061407.D (-1087) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 925

Delta R.T. -0.01 min

Lab File: VF061596.D

Acq: 11 Feb 2019 20:03

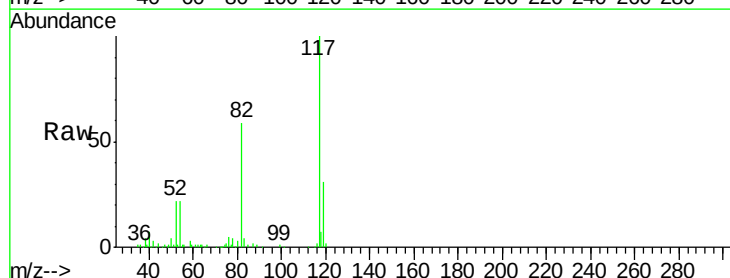
Tgt Ion: 117 Resp: 145643

Ion Ratio Lower Upper

117 100

82 59.4 46.4 69.6

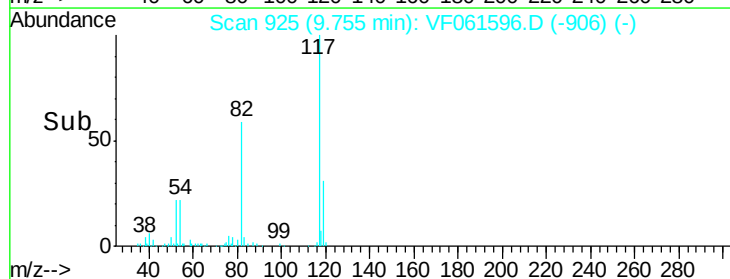
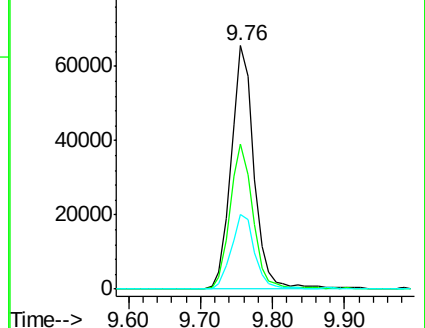
119 30.9 27.2 40.8

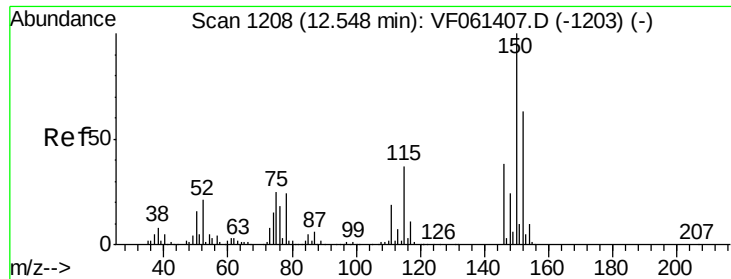


Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

Ion 82.00 (81.70 to 82.70): VF061407.D (-919) (-)

Ion 119.00 (118.70 to 119.70): VF061407.D (-919) (-)



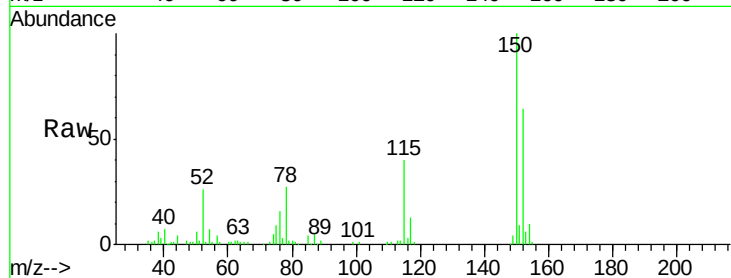


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061596.D
Acq: 11 Feb 2019 20:03

Instrument :
MSVOA_F
ClientSampleId :
SB-2RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.1	30.0	90.0
150	156.8	0.0	321.4



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

