

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010219\
 Data File : VF061255.D
 Acq On : 2 Jan 2019 15:37
 Operator : VA/AP
 Sample : J6547-03
 Misc : 5.98g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 1B-VOC

Quant Time: Jan 02 16:00:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

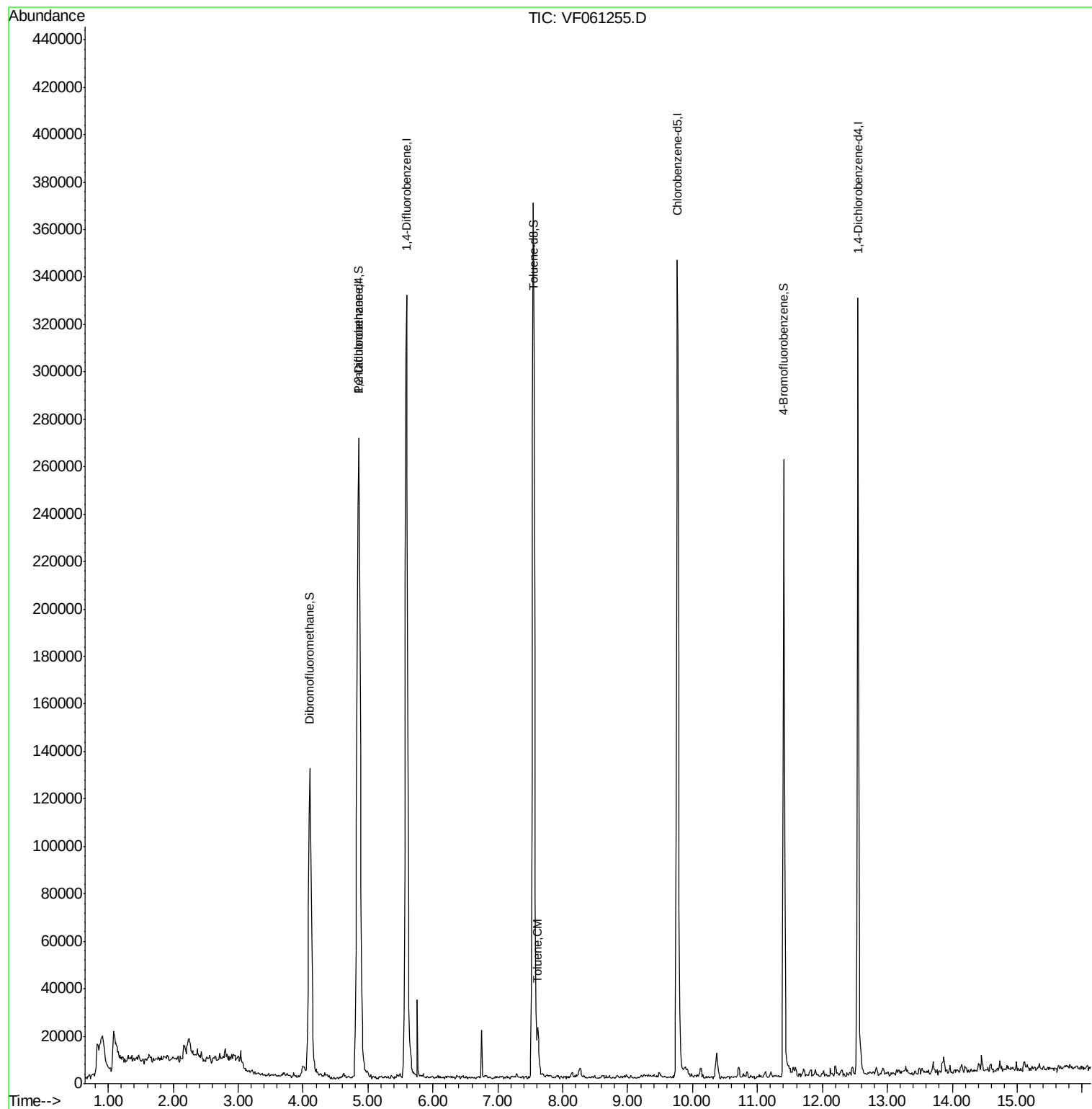
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	199908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	370594	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	254330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	81230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	118812	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
35) Dibromofluoromethane	4.10	113	128763	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
50) Toluene-d8	7.55	98	300446	35.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.42%	
62) 4-Bromofluorobenzene	11.40	95	102575	26.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.90%	
Target Compounds						
52) Toluene	7.62	92	8349	1.311	ug/l	Qvalue 76

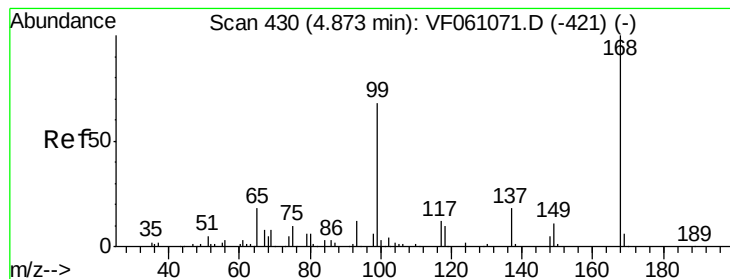
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061255.D

Acq: 2 Jan 2019 15:37

Instrument :

MSVOA_F

ClientSampleId :

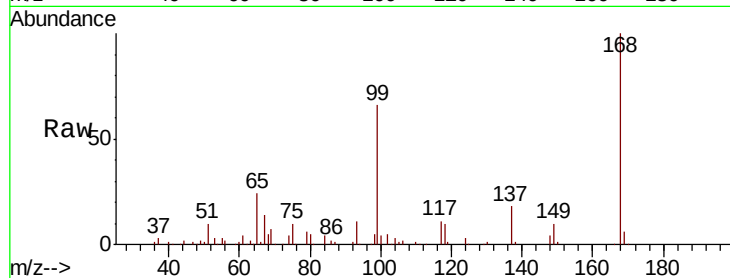
1B-VOC

Tot Ion:168 Resp: 199908

Ion Ratio Lower Upper

168 100

99 66.0 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

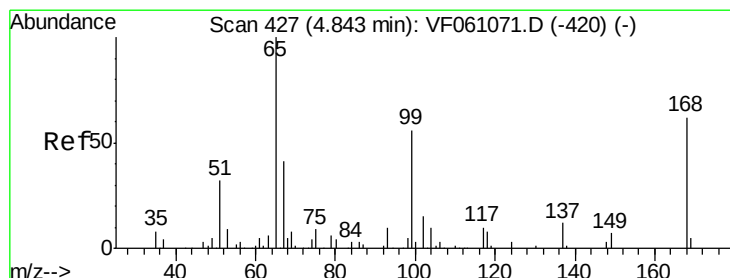
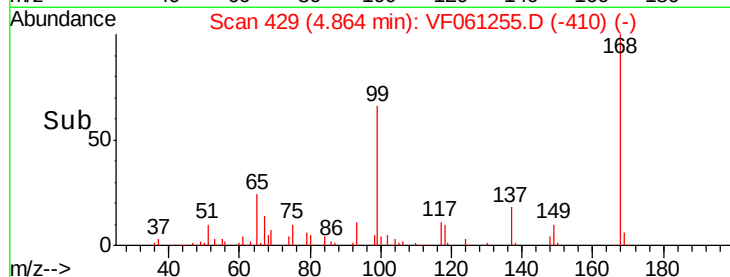
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 46.209 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.00 min

Lab File: VF061255.D

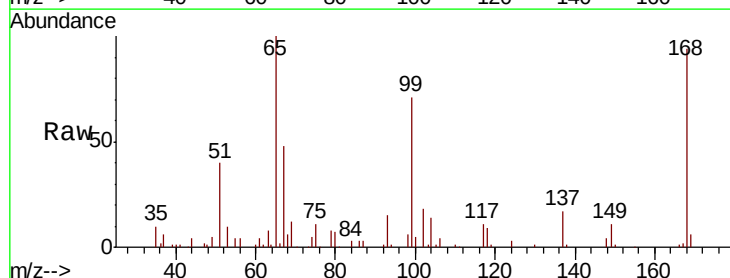
Acq: 2 Jan 2019 15:37

Tgt Ion: 65 Resp: 118812

Ion Ratio Lower Upper

65 100

67 47.8 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

40000

30000

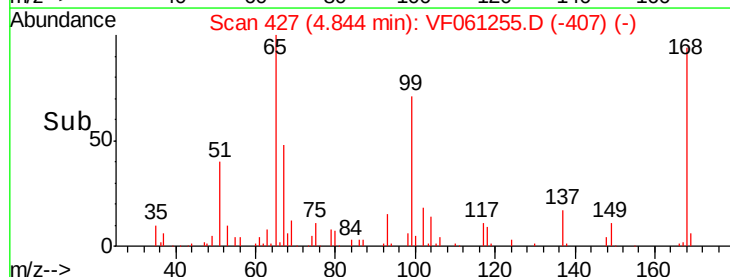
20000

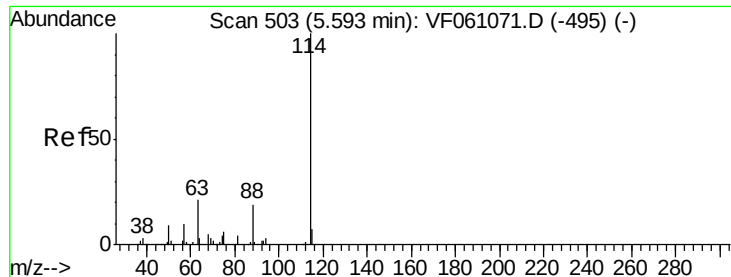
10000

0

Time-->

4.70 4.80 4.90 5.00

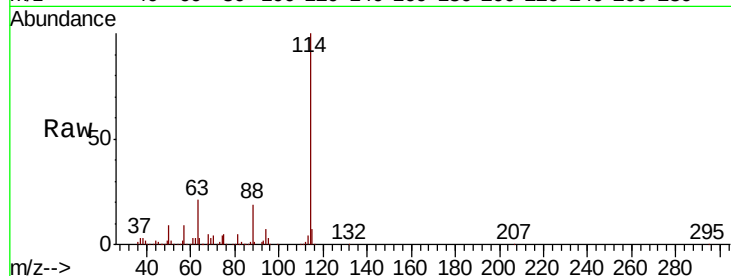




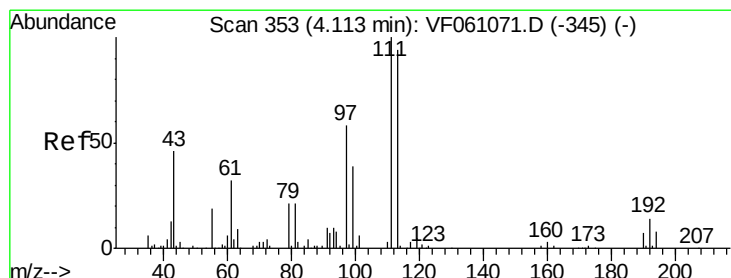
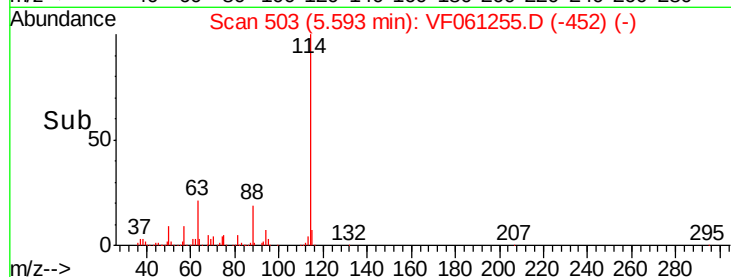
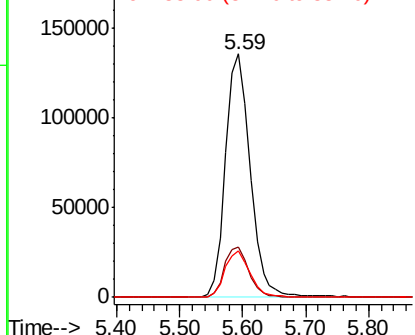
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VF061255.D
 Acq: 2 Jan 2019 15:37

Instrument :
 MSVOA_F
 ClientSampleId :
 1B-VOC

Tot Ion:114 Resp: 370594
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.6
 88 19.1 0.0 38.0

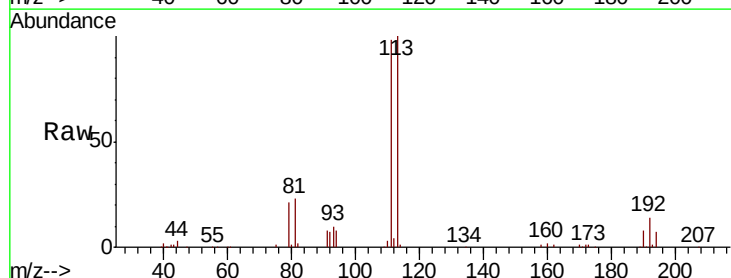


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

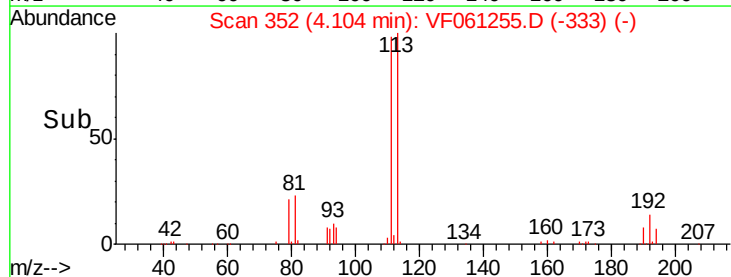
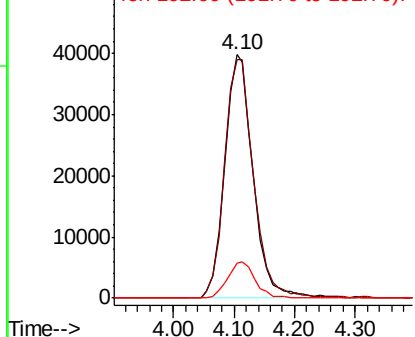


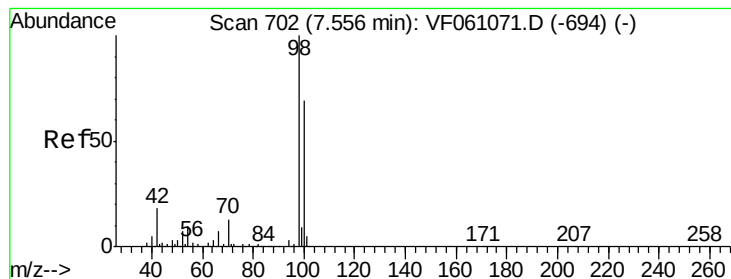
#35
 Dibromofluoromethane
 Concen: 43.374 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF061255.D
 Acq: 2 Jan 2019 15:37

Tgt Ion:113 Resp: 128763
 Ion Ratio Lower Upper
 113 100
 111 98.2 85.2 127.8
 192 14.2 12.8 19.2



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: 35.713 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF061255.D

Acq: 2 Jan 2019 15:37

Instrument :

MSVOA_F

ClientSampleId :

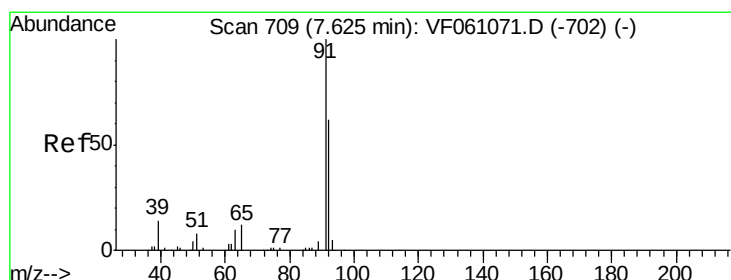
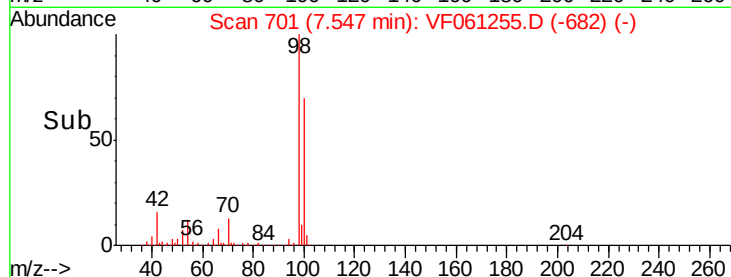
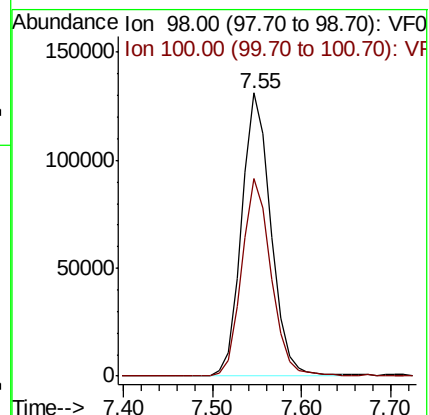
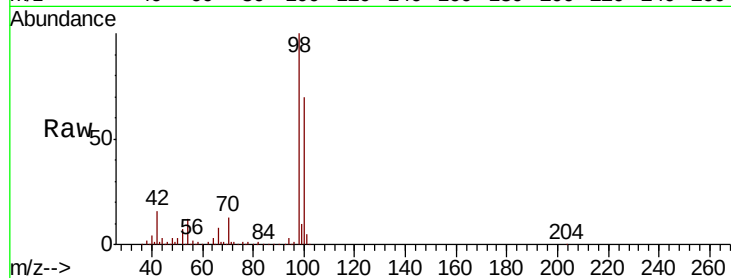
1B-VOC

Tot Ion: 98 Resp: 300446

Ion Ratio Lower Upper

98 100

100 70.0 55.3 82.9



#52

Toluene

Concen: 1.311 ug/l

RT: 7.62 min Scan# 708

Delta R.T. -0.01 min

Lab File: VF061255.D

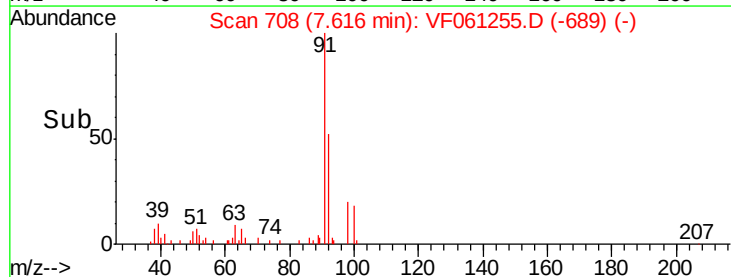
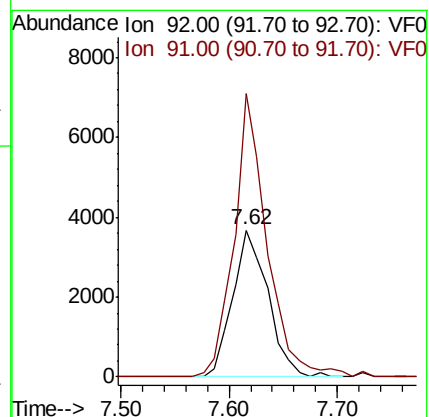
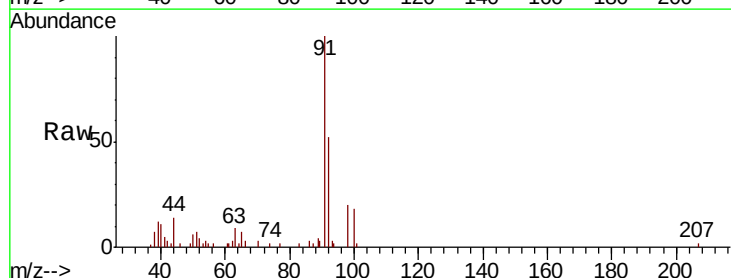
Acq: 2 Jan 2019 15:37

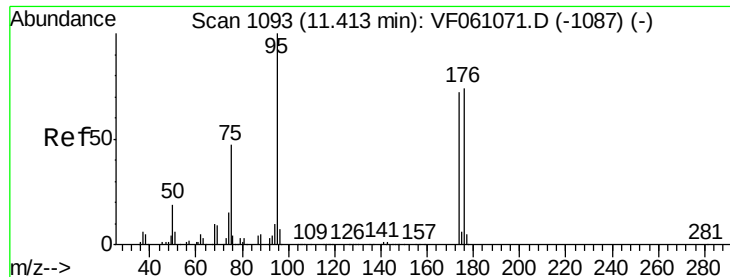
Tgt Ion: 92 Resp: 8349

Ion Ratio Lower Upper

92 100

91 192.8 128.8 193.2





#62

4-Bromofluorobenzene

Concen: 26.448 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061255.D

Acq: 2 Jan 2019 15:37

Instrument :

MSVOA_F

ClientSampled :

1B-VOC

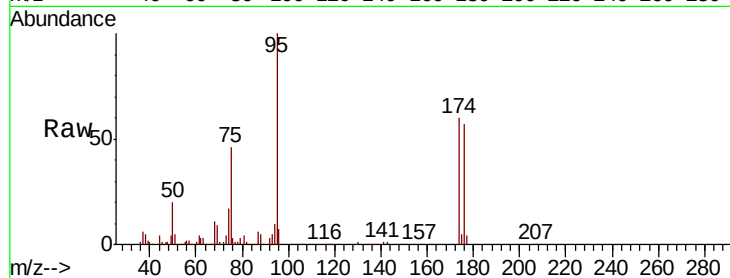
Tot Ion: 95 Resp: 102575

Ion Ratio Lower Upper

95 100

174 60.2 0.0 143.8

176 56.7 0.0 147.6

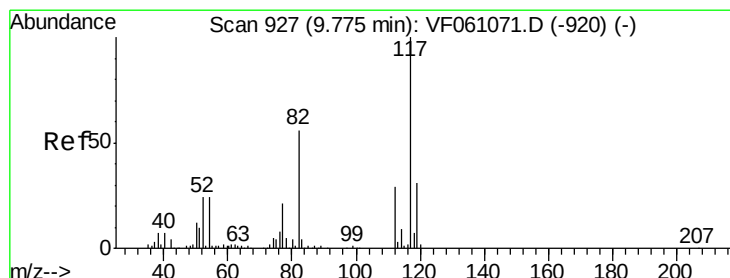
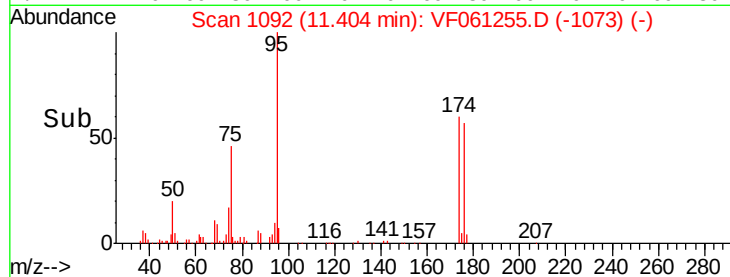
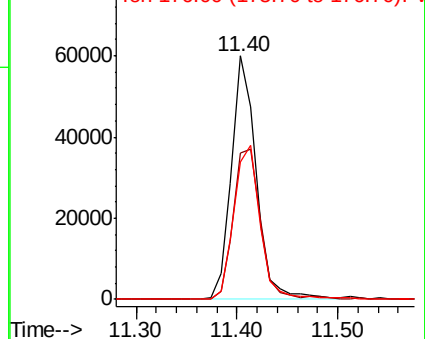


Abundance

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 926

Delta R.T. -0.01 min

Lab File: VF061255.D

Acq: 2 Jan 2019 15:37

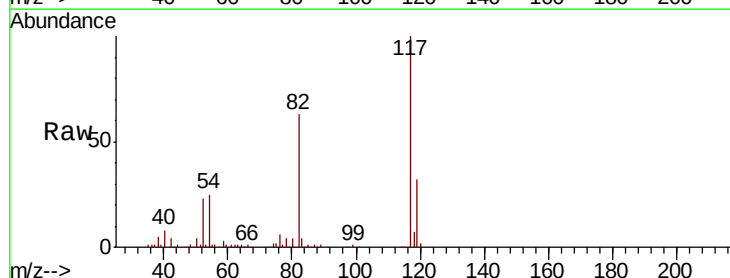
Tgt Ion: 117 Resp: 254330

Ion Ratio Lower Upper

117 100

82 63.1 45.0 67.4

119 32.5 24.8 37.2

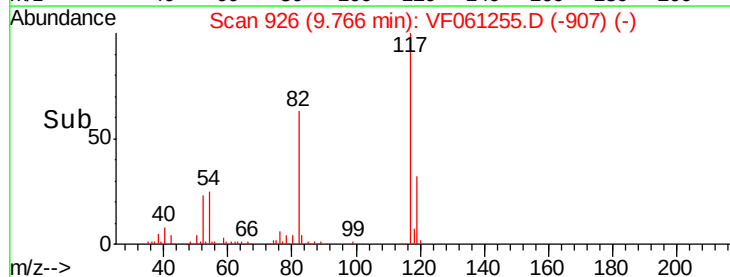
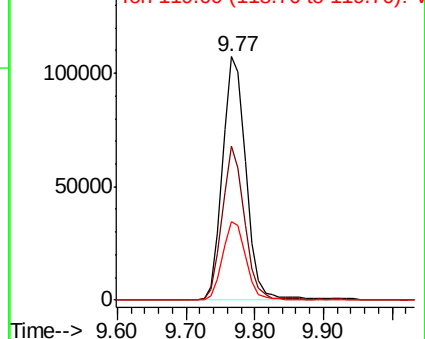


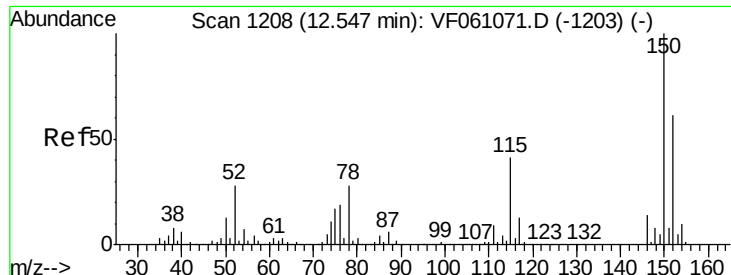
Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

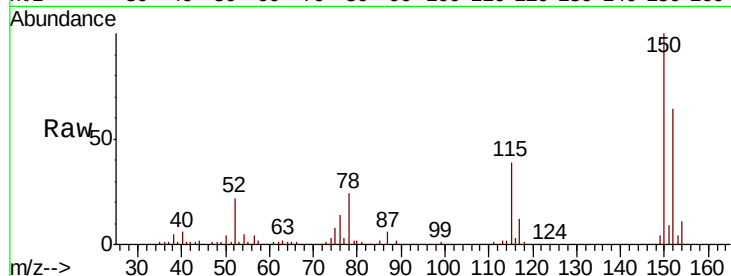




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: VF061255.D
 Acq: 2 Jan 2019 15:37

Instrument :
 MSVOA_F
 ClientSampleId :
 1B-VOC

Tot Ion:152 Resp: 81230
 Ion Ratio Lower Upper
 152 100
 115 61.0 33.3 99.9
 150 155.2 0.0 328.2



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

