

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010219\
 Data File : VF061256.D
 Acq On : 2 Jan 2019 16:06
 Operator : VA/AP
 Sample : J6546-03
 Misc : 6.22g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0058

Quant Time: Jan 03 03:58:35 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

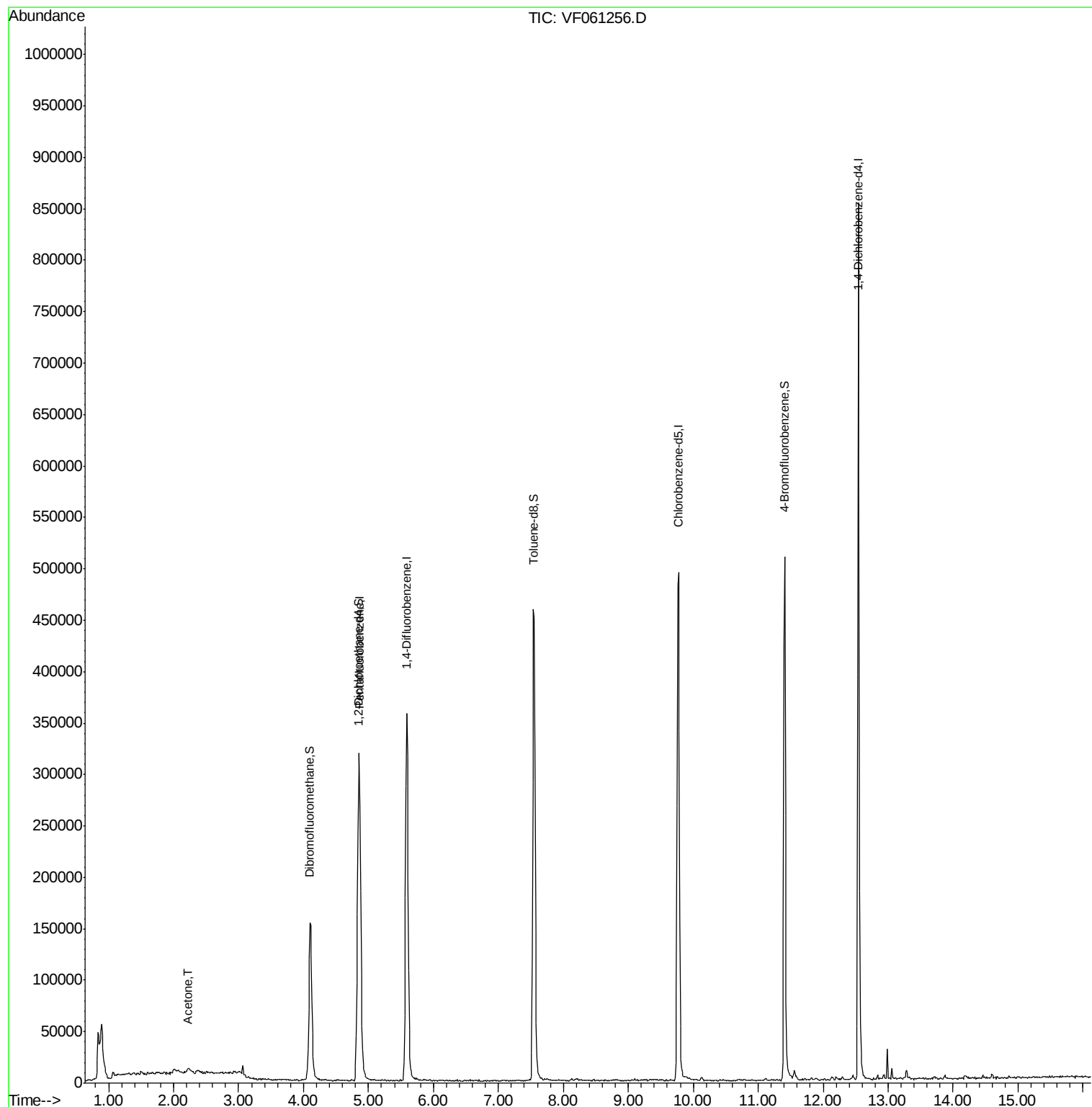
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	230750	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	402385	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	376505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	201949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	132338	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
35) Dibromofluoromethane	4.10	113	151100	46.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	7.54	98	398146	43.59	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.18%	
62) 4-Bromofluorobenzene	11.41	95	198100	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
16) Acetone	2.23	43	8139	13.718	ug/l #	Qvalue 91

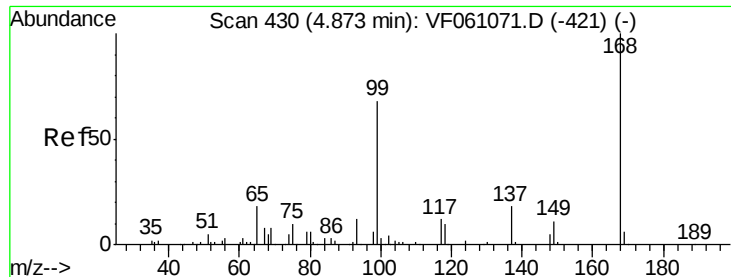
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061256.D

Acq: 2 Jan 2019 16:06

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MSVOA_F

ClientSampleId :

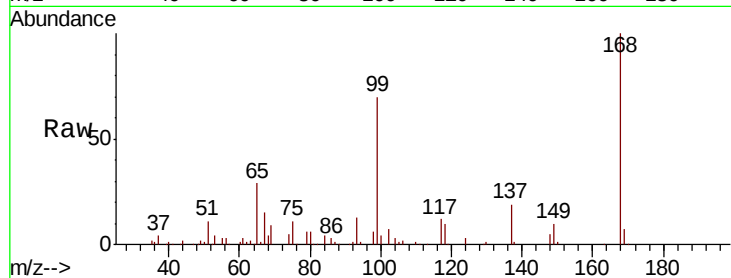
S72-0058

Tot Ion:168 Resp: 230750

Ion Ratio Lower Upper

168 100

99 70.4 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

80000

60000

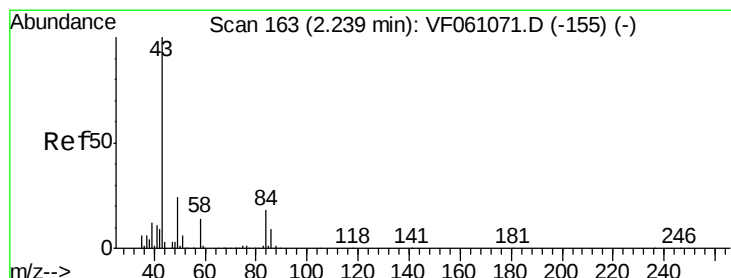
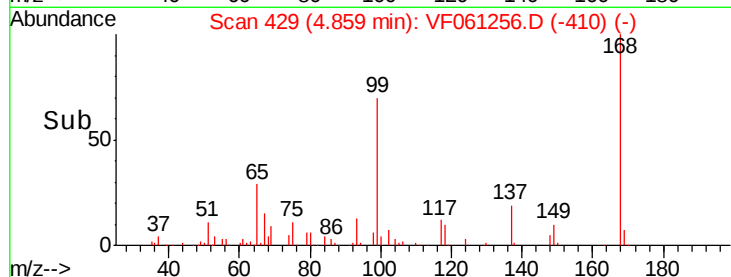
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 13.718 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061256.D

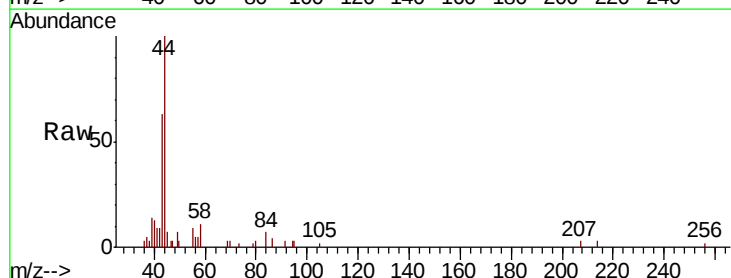
Acq: 2 Jan 2019 16:06

Tgt Ion: 43 Resp: 8139

Ion Ratio Lower Upper

43 100

58 17.5 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

3000

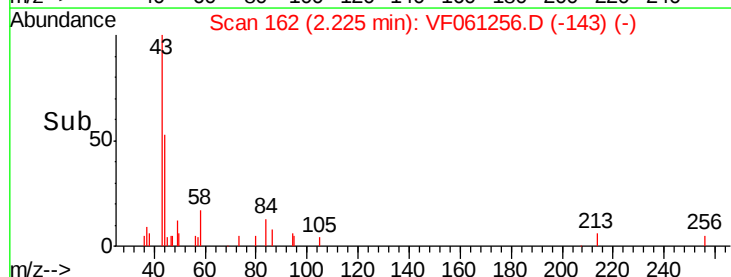
2000

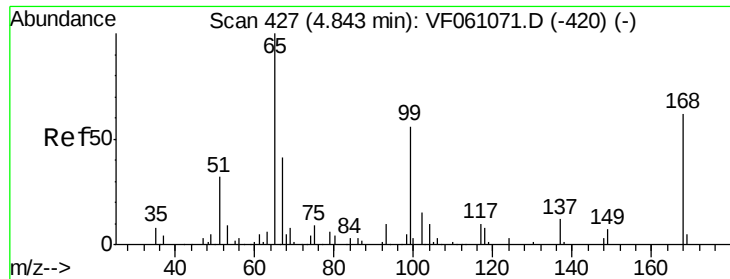
1000

0

Time-->

2.15 2.20 2.25 2.30

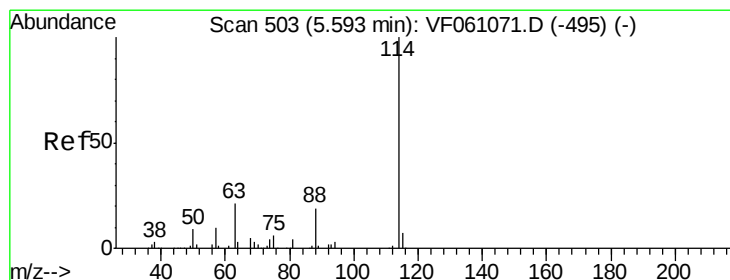
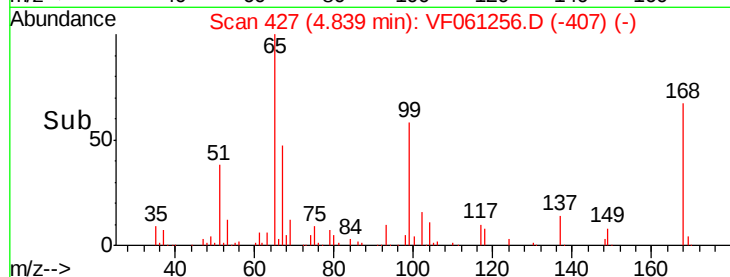
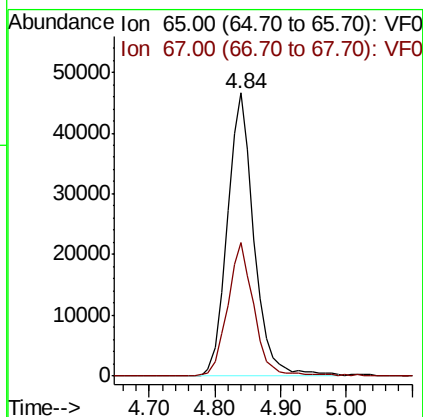
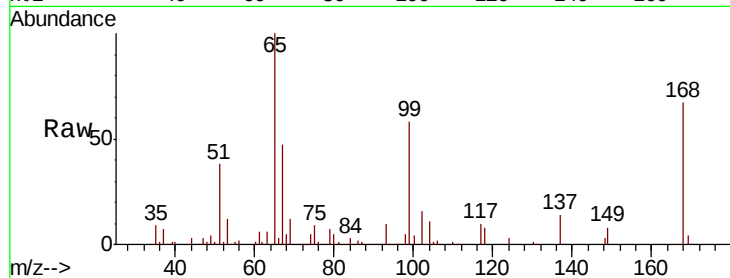




#33
 1,2-Dichloroethane-d4
 Concen: 44.591 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: VF061256.D
 Acq: 2 Jan 2019 16:06

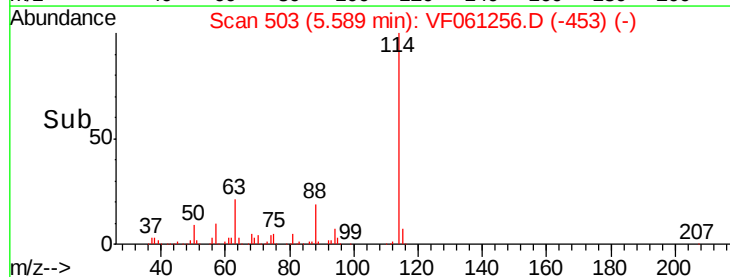
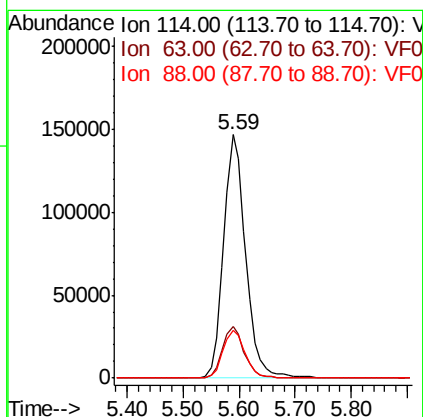
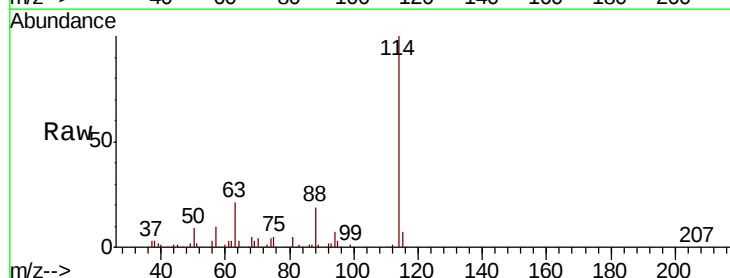
Instrument :
 MSVOA_F
 ClientSampled :
 S72-0058

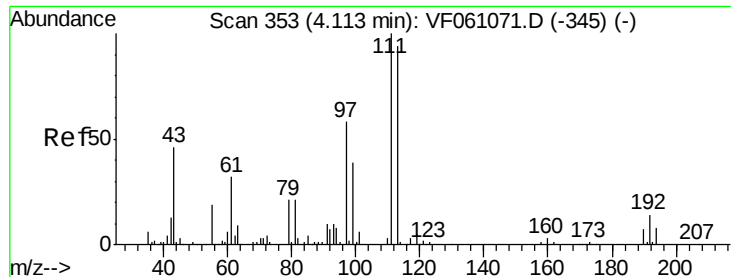
Tot Ion: 65 Resp: 132338
 Ion Ratio Lower Upper
 65 100
 67 47.2 0.0 94.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VF061256.D
 Acq: 2 Jan 2019 16:06

Tgt Ion: 114 Resp: 402385
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.6
 88 19.4 0.0 38.0





#35

Dibromofluoromethane

Concen: 46.877 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061256.D

Acq: 2 Jan 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

S72-0058

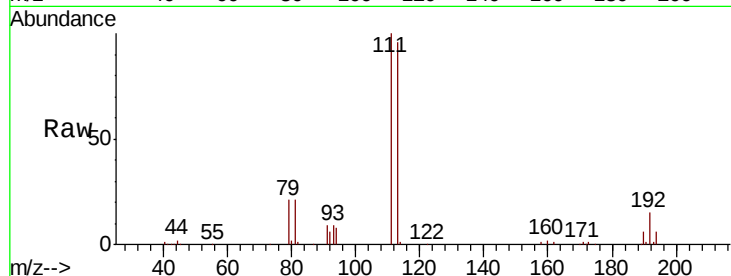
Tot Ion:113 Resp: 151100

Ion Ratio Lower Upper

113 100

111 104.2 85.2 127.8

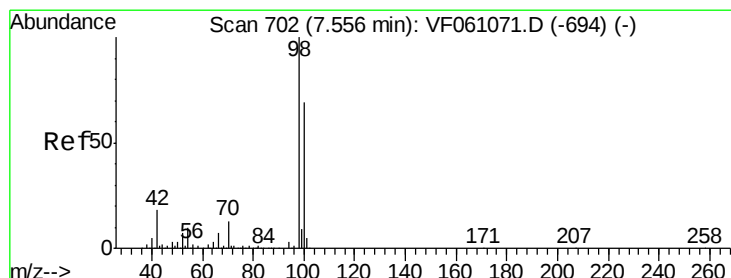
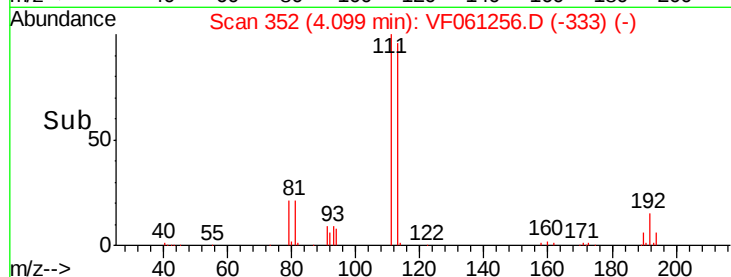
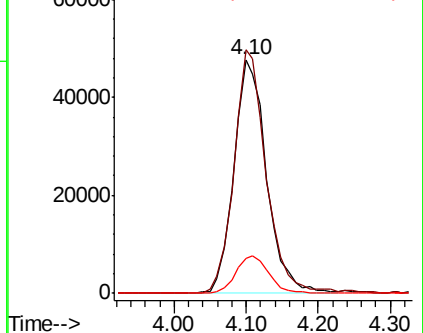
192 15.2 12.8 19.2



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: 43.587 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF061256.D

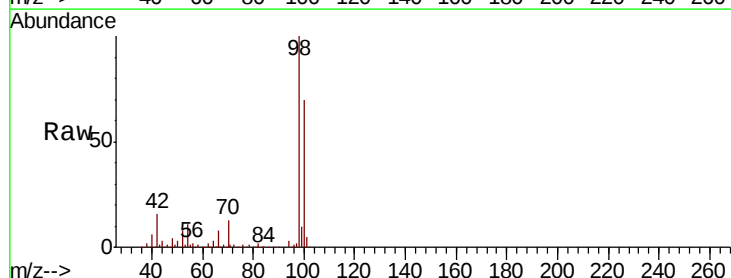
Acq: 2 Jan 2019 16:06

Tgt Ion: 98 Resp: 398146

Ion Ratio Lower Upper

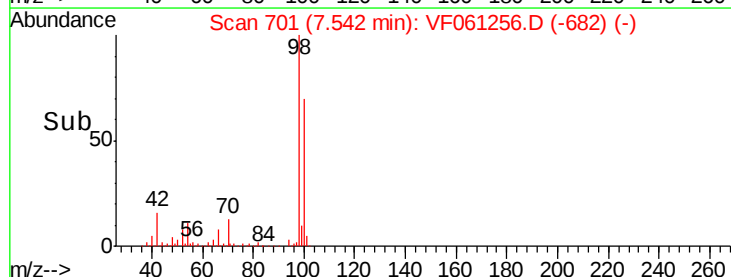
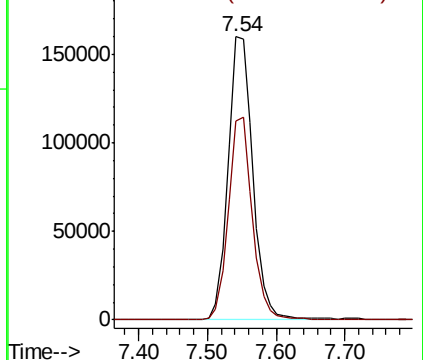
98 100

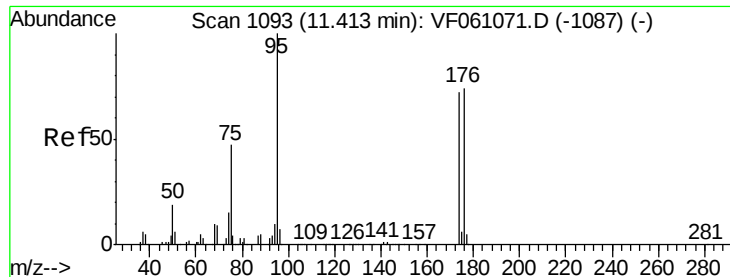
100 70.4 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

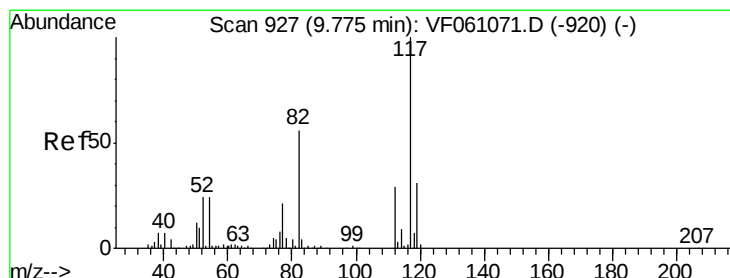
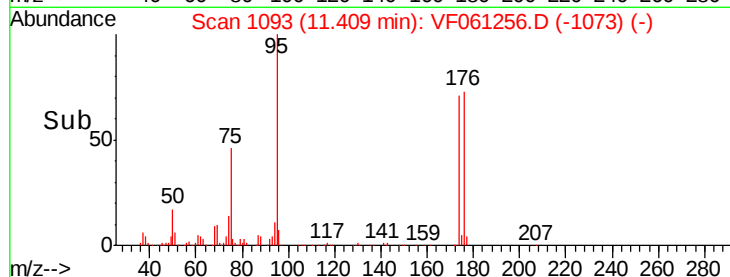
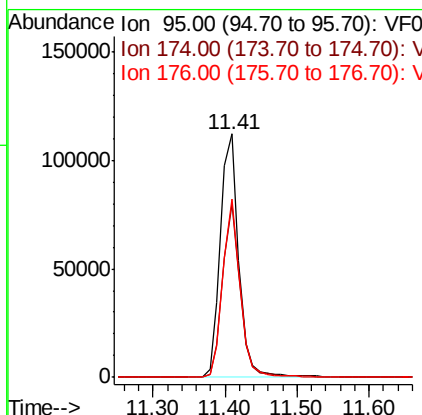
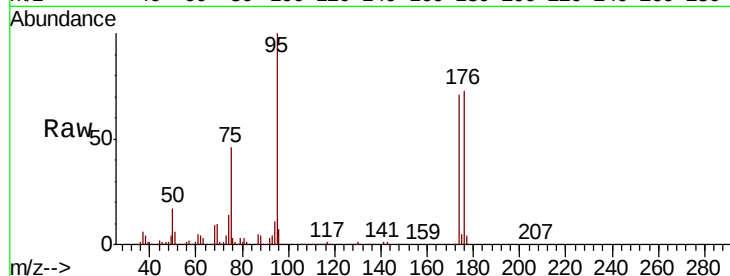




#62
4-Bromofluorobenzene
Concen: 47.042 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061256.D
Acq: 2 Jan 2019 16:06

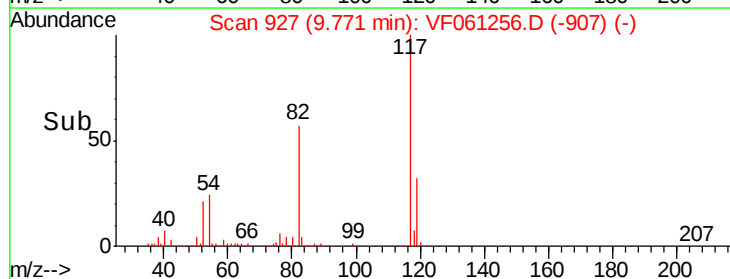
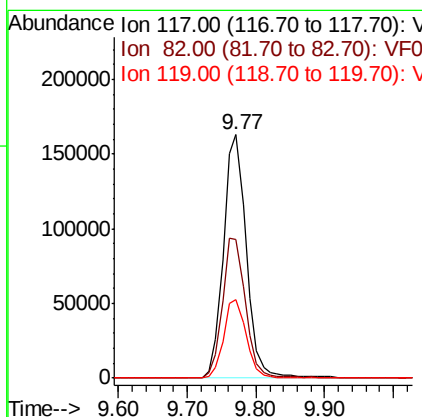
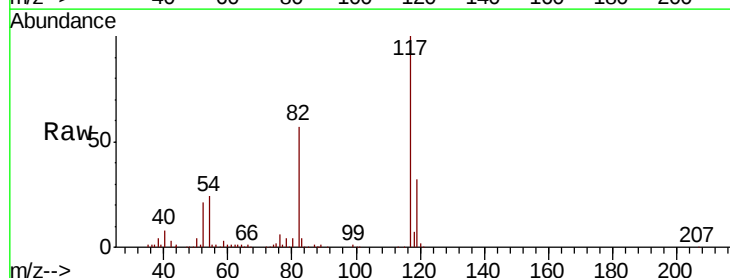
Instrument :
MSVOA_F
ClientSampleId :
S72-0058

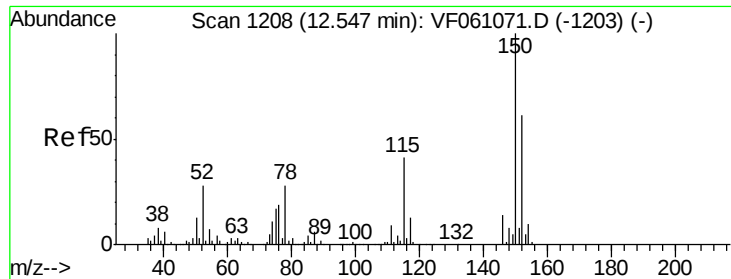
Tot Ion	95	Resp	198100
Ion Ratio	Lower	Upper	
95	100		
174	71.1	0.0	143.8
176	73.1	0.0	147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF061256.D
Acq: 2 Jan 2019 16:06

Tgt Ion	117	Resp	376505
Ion Ratio	Lower	Upper	
117	100		
82	56.9	45.0	67.4
119	32.0	24.8	37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VF061256.D

Acq: 2 Jan 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

S72-0058

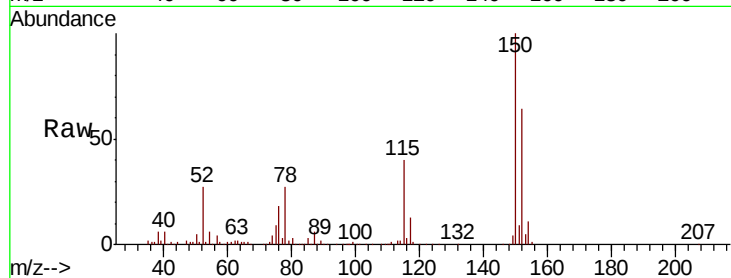
Tot Ion:152 Resp: 201949

Ion Ratio Lower Upper

152 100

115 61.8 33.3 99.9

150 155.8 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

