

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020819\
 Data File : VF061563.D
 Acq On : 8 Feb 2019 17:47
 Operator : VA/AP
 Sample : K1442-01
 Misc : 5.22g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-10

Quant Time: Feb 09 04:48:16 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

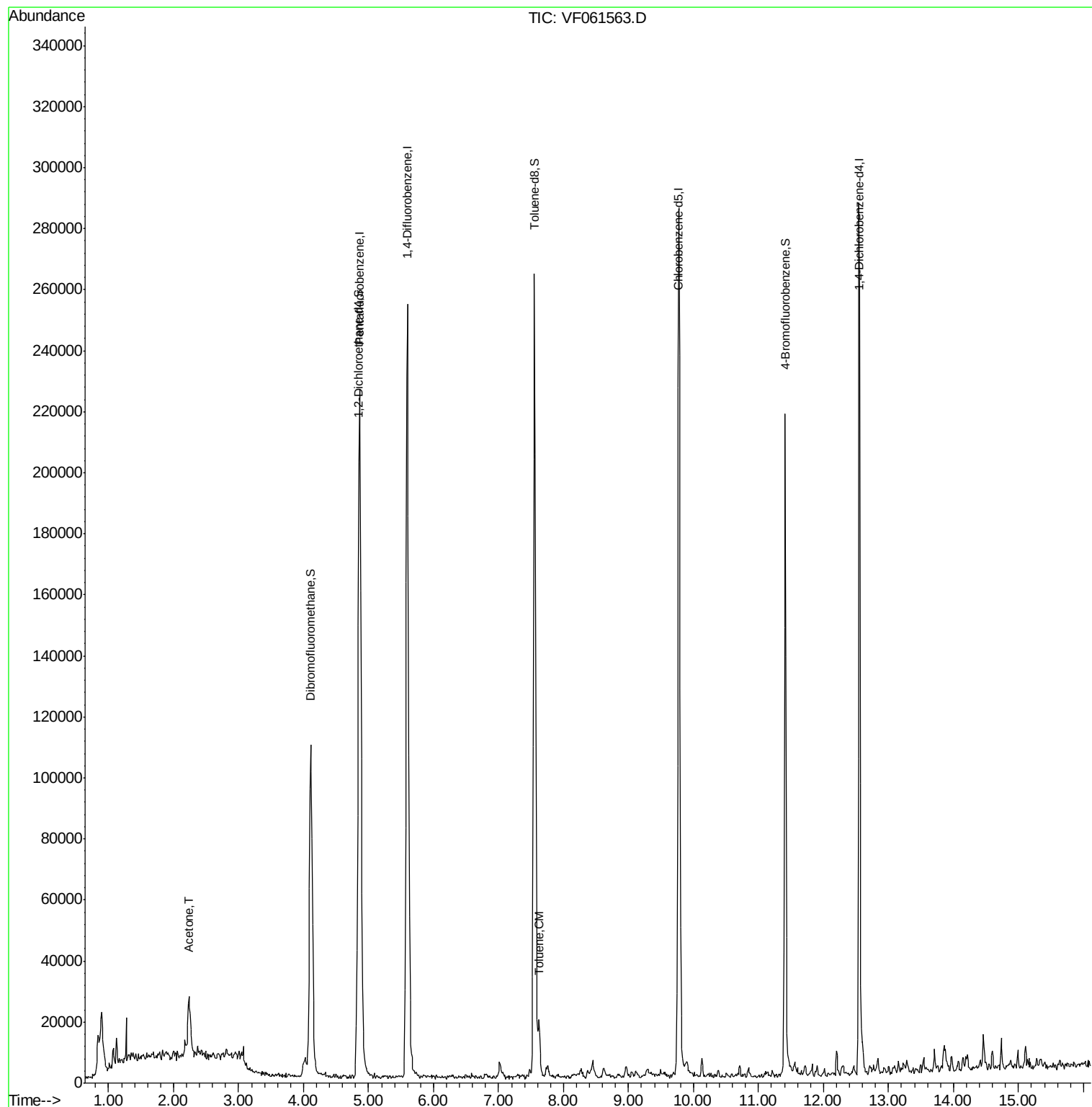
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	159696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	282839	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	206945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	72744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	98442	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	4.11	113	108872	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	7.55	98	209893	34.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.66%	
62) 4-Bromofluorobenzene	11.41	95	80469	28.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.34%	
Target Compounds						
16) Acetone	2.24	43	32812	82.956	ug/l #	90
52) Toluene	7.62	92	8505	1.770	ug/l	88

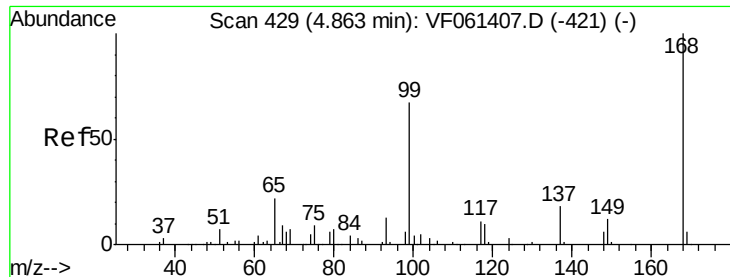
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF061563.D

Acq: 8 Feb 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

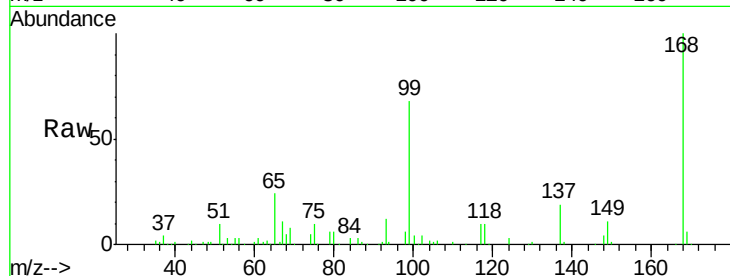
VOC-10

Tot Ion:168 Resp: 159696

Ion Ratio Lower Upper

168 100

99 67.7 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

50000

40000

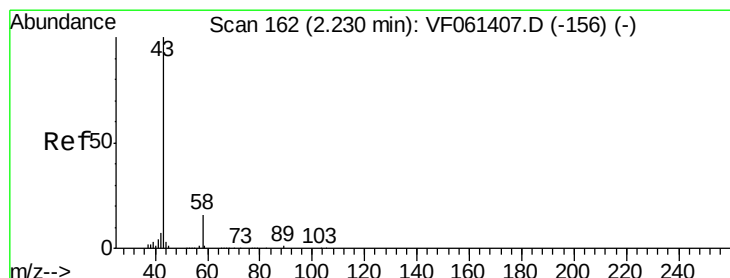
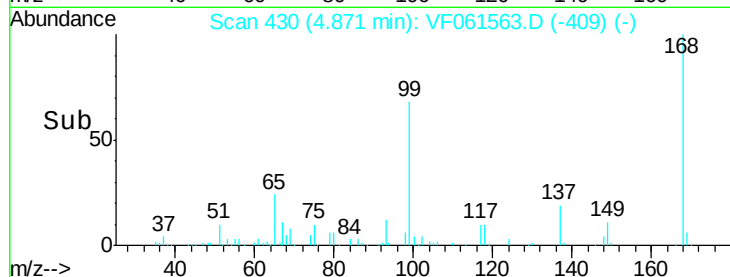
30000

20000

10000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 82.956 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061563.D

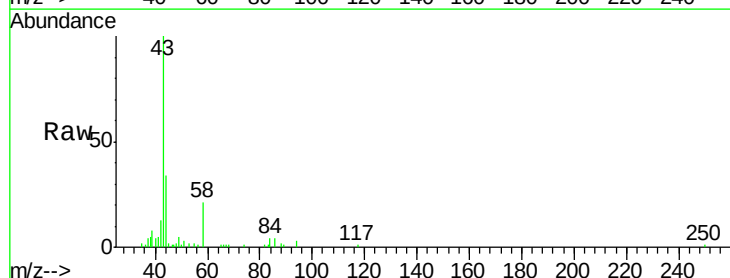
Acq: 8 Feb 2019 17:47

Tgt Ion: 43 Resp: 32812

Ion Ratio Lower Upper

43 100

58 20.7 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

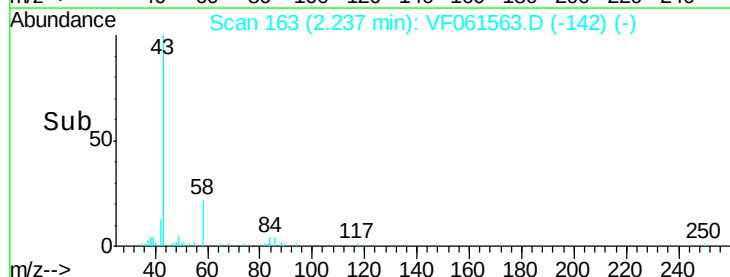
2.24

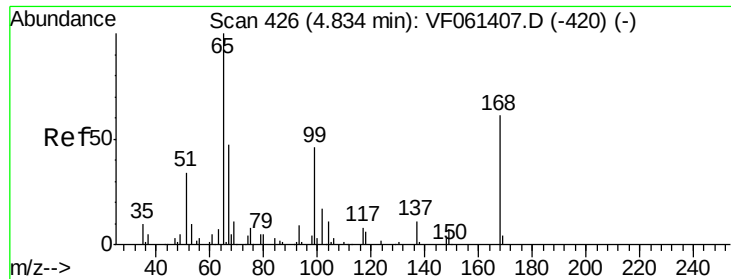
10000

5000

0

Time--> 2.10 2.20 2.30

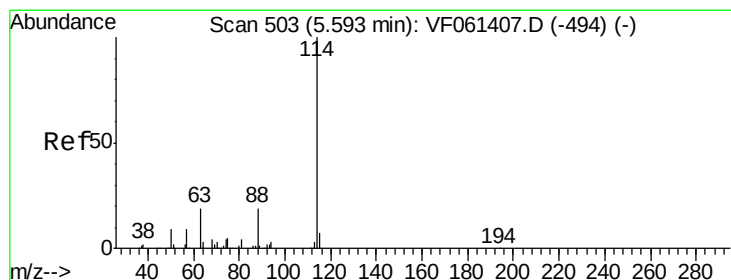
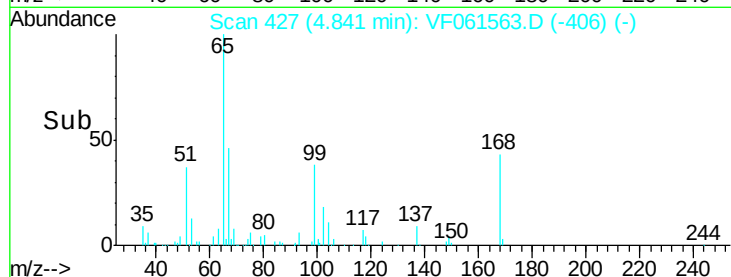
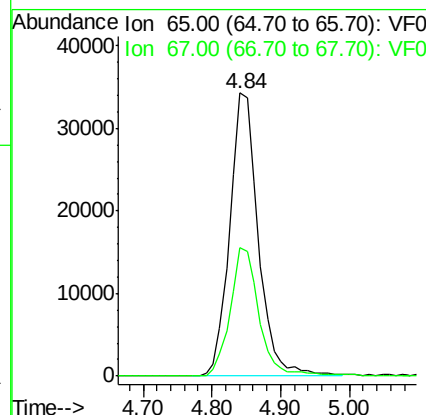
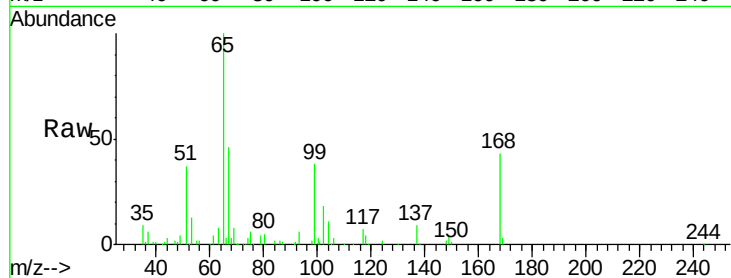




#33
 1,2-Dichloroethane-d4
 Concen: 49.929 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: VF061563.D
 Acq: 8 Feb 2019 17:47

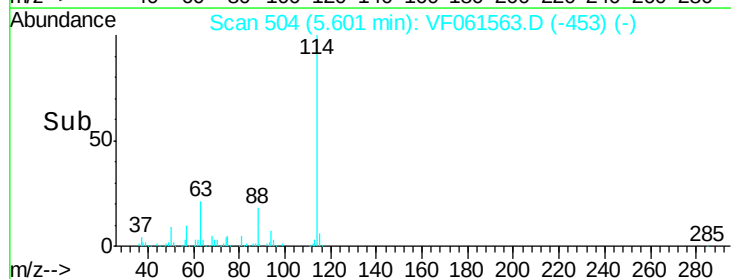
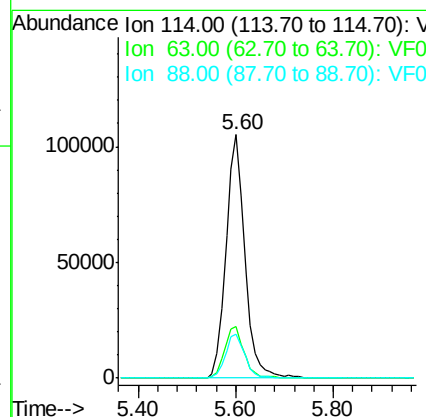
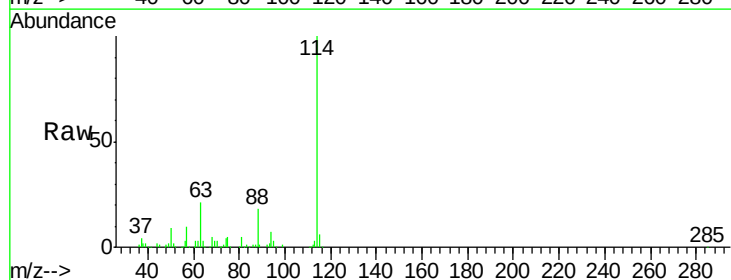
Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-10

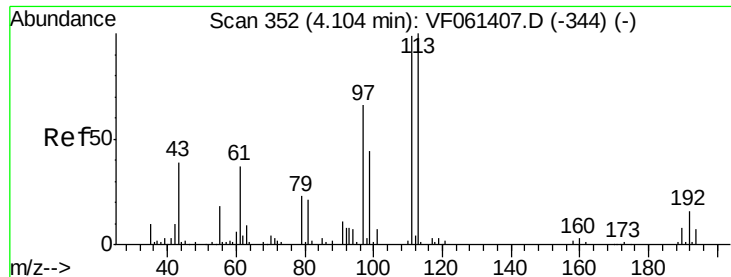
Tot Ion: 65 Resp: 98442
 Ion Ratio Lower Upper
 65 100
 67 45.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061563.D
 Acq: 8 Feb 2019 17:47

Tgt Ion: 114 Resp: 282839
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.0
 88 18.2 0.0 37.4

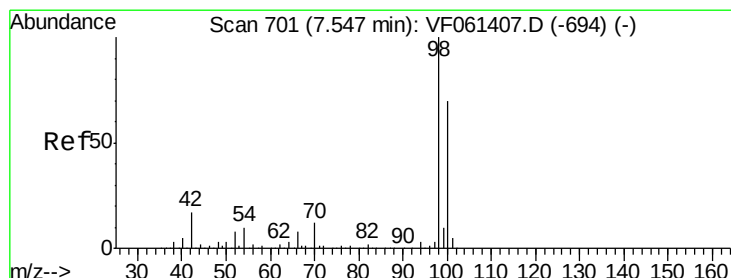
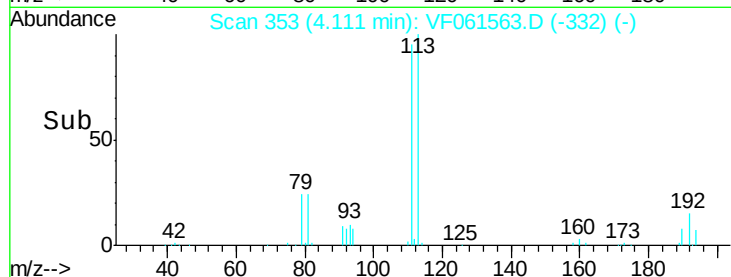
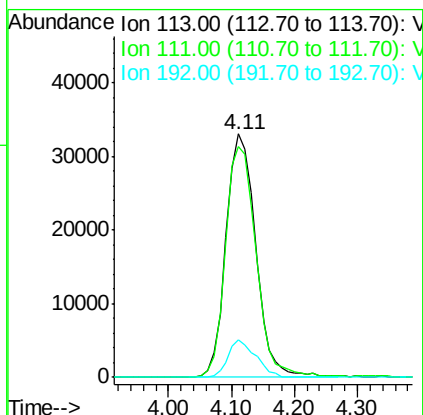
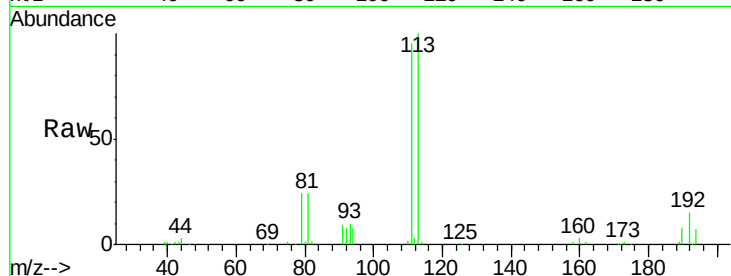




#35
 Dibromofluoromethane
 Concen: 48.781 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VF061563.D
 Acq: 8 Feb 2019 17:47

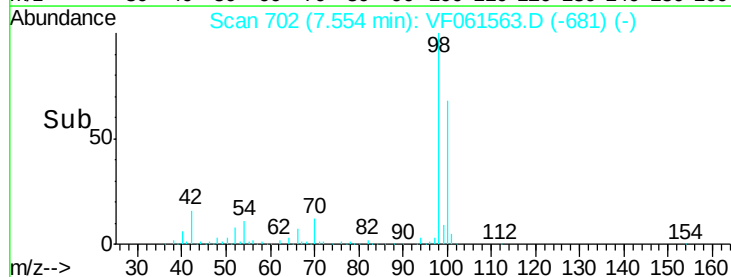
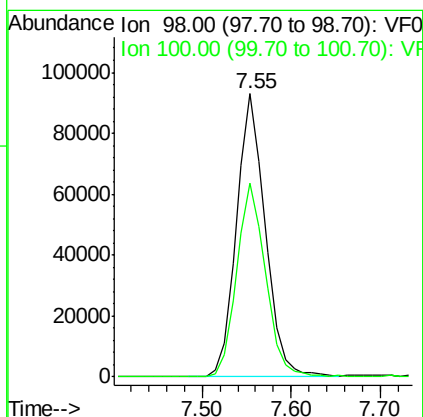
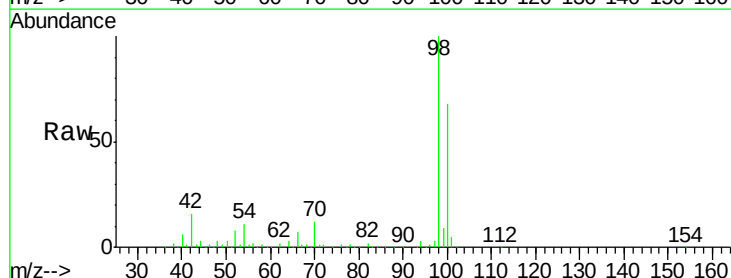
Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-10

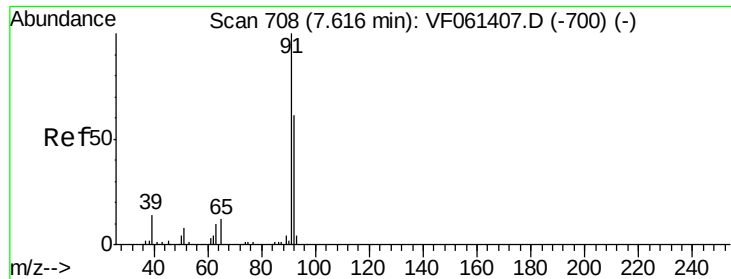
Tot Ion:113 Resp: 108872
 Ion Ratio Lower Upper
 113 100
 111 95.0 79.4 119.0
 192 15.2 12.4 18.6



#50
 Toluene-d8
 Concen: 34.325 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: VF061563.D
 Acq: 8 Feb 2019 17:47

Tgt Ion: 98 Resp: 209893
 Ion Ratio Lower Upper
 98 100
 100 68.3 55.6 83.4





#52

Toluene

Concen: 1.770 ug/l

RT: 7.62 min Scan# 709

Delta R.T. 0.01 min

Lab File: VF061563.D

Acq: 8 Feb 2019 17:47

Instrument :

MSVOA_F

ClientSampled :

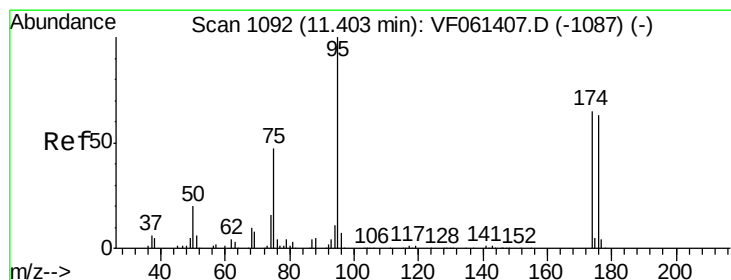
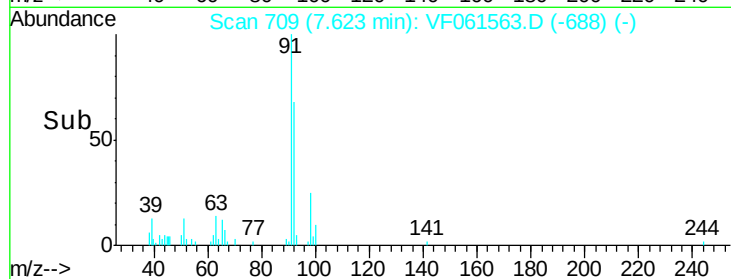
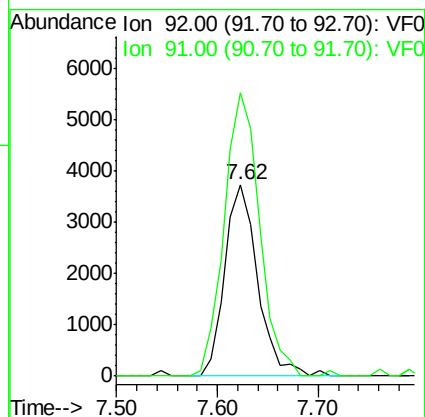
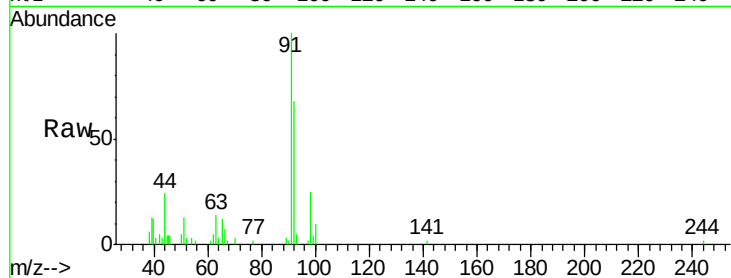
VOC-10

Tot Ion: 92 Resp: 8505

Ion Ratio Lower Upper

92 100

91 147.7 131.2 196.8



#62

4-Bromofluorobenzene

Concen: 28.165 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061563.D

Acq: 8 Feb 2019 17:47

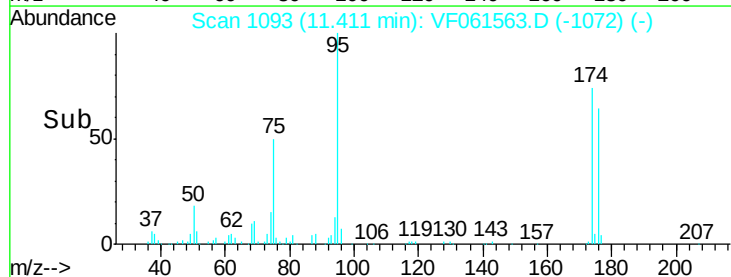
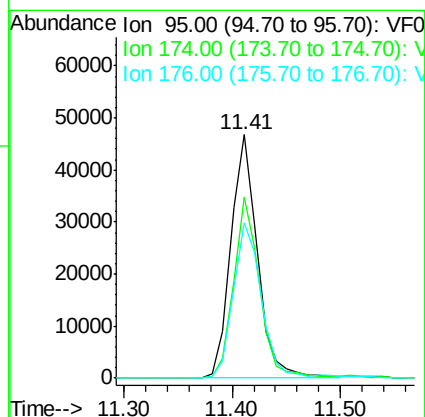
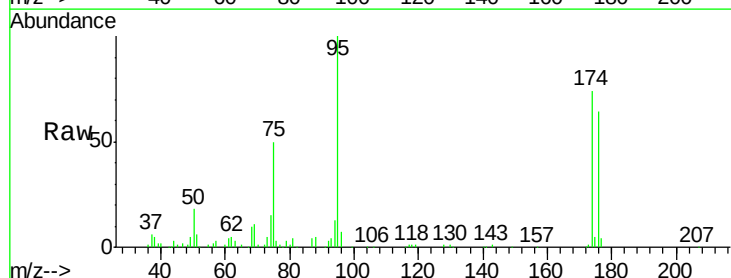
Tgt Ion: 95 Resp: 80469

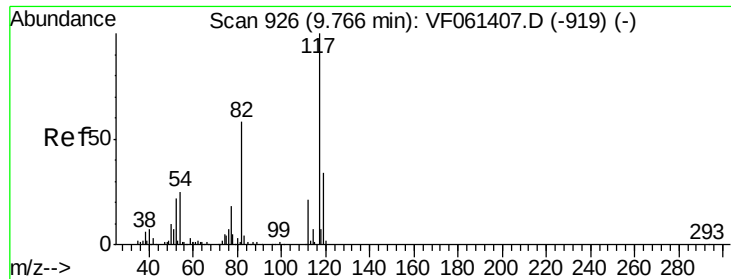
Ion Ratio Lower Upper

95 100

174 74.3 0.0 130.4

176 63.7 0.0 126.2

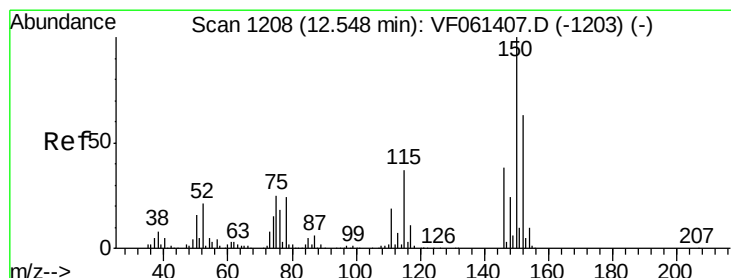
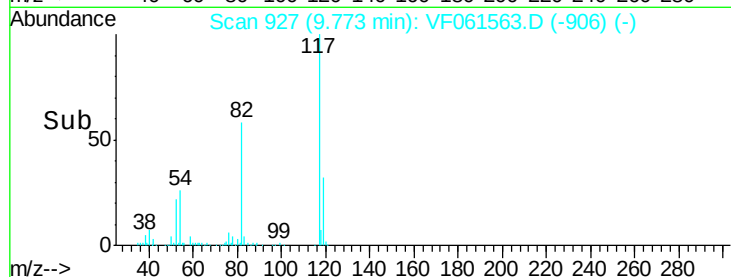
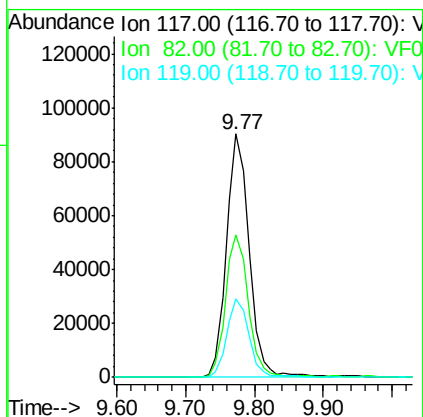
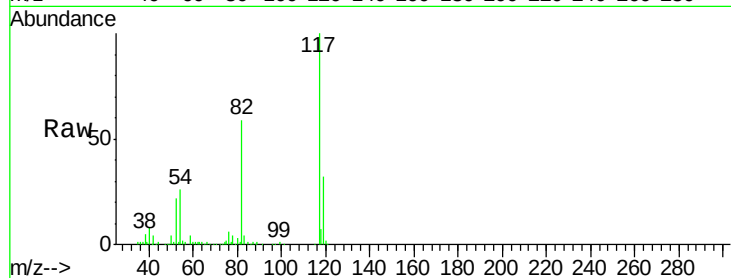




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061563.D
Acq: 8 Feb 2019 17:47

Instrument :
MSVOA_F
ClientSampleId :
VOC-10

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.4	69.6
119	32.4	27.2	40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061563.D
Acq: 8 Feb 2019 17:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.0	90.0
150	152.5	0.0	321.4

