

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061418.D
 Acq On : 16 Jan 2019 18:15
 Operator : VA/AP
 Sample : K1156-02RE
 Misc : 5.02g/5mL/MSVOA-F/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-9RE

Quant Time: Jan 17 03:17:10 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

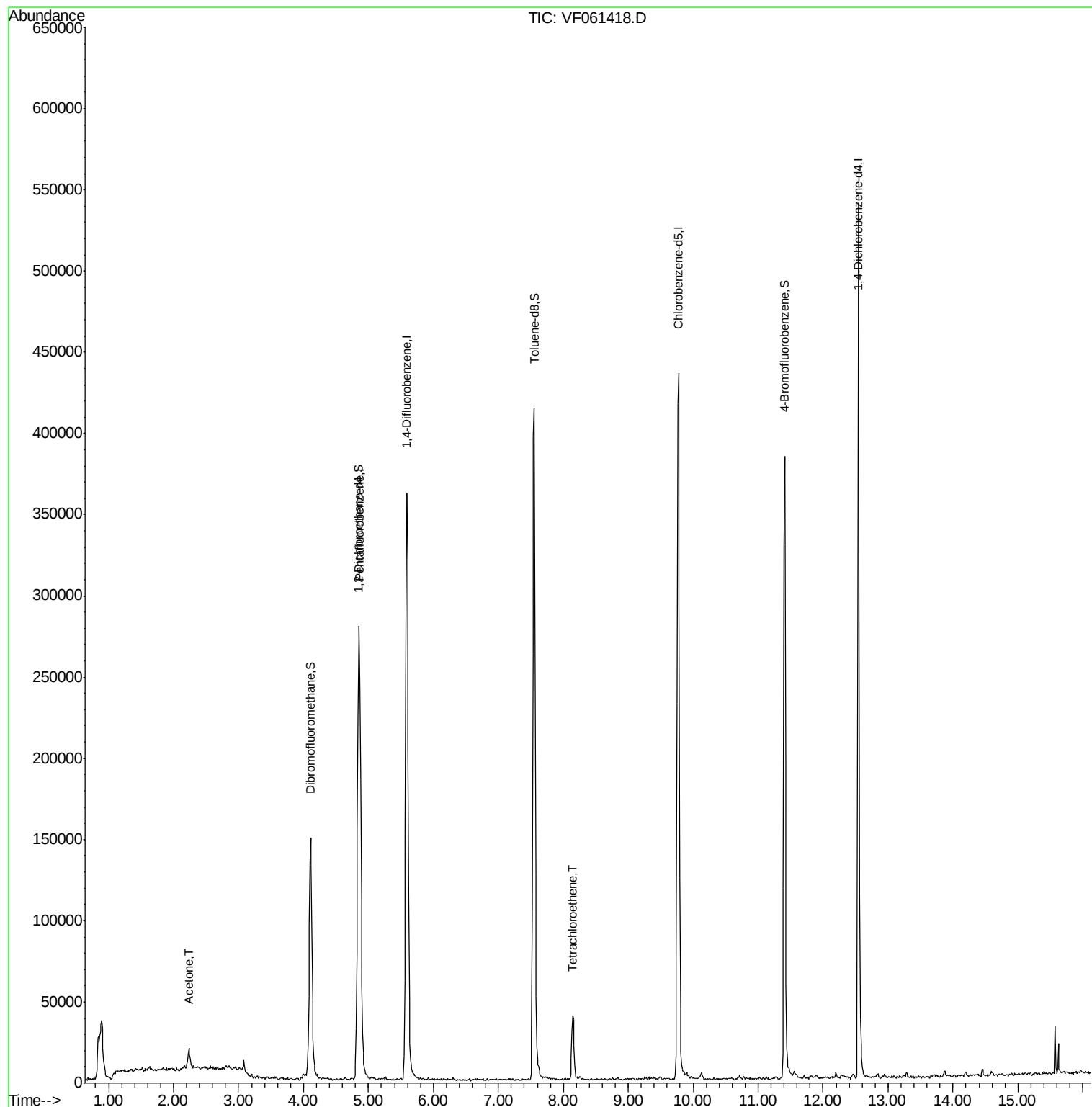
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	215778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	405036	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	321240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	130554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	121931	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
35) Dibromofluoromethane	4.11	113	143847	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
50) Toluene-d8	7.55	98	359481	41.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.10%	
62) 4-Bromofluorobenzene	11.41	95	151221	36.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.92%	
Target Compounds						
16) Acetone	2.24	43	19671	36.807	ug/l	96
64) Tetrachloroethene	8.14	164	12035	4.982	ug/l	94

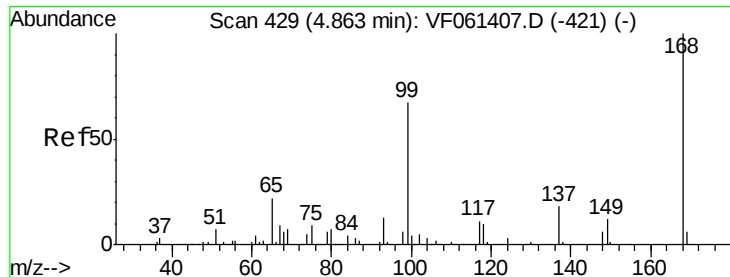
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF061418.D

Acq: 16 Jan 2019 18:15

Instrument :

MSVOA_F

ClientSampleId :

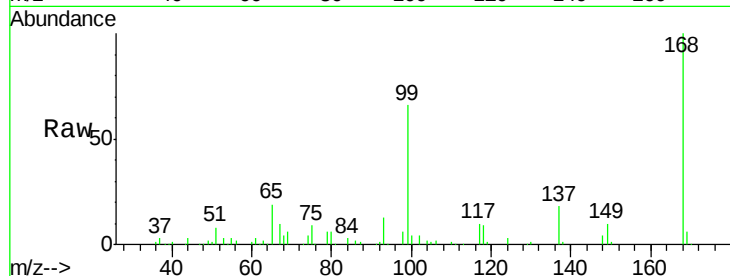
VOC-9RE

Tot Ion:168 Resp: 215778

Ion Ratio Lower Upper

168 100

99 65.9 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

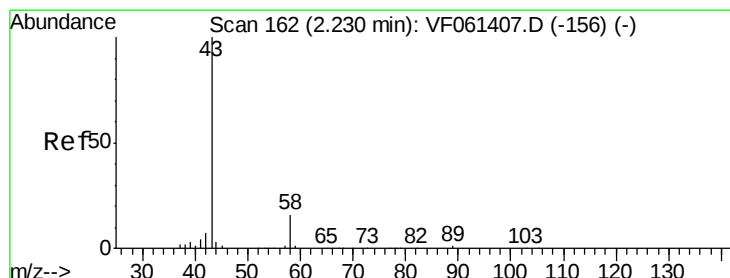
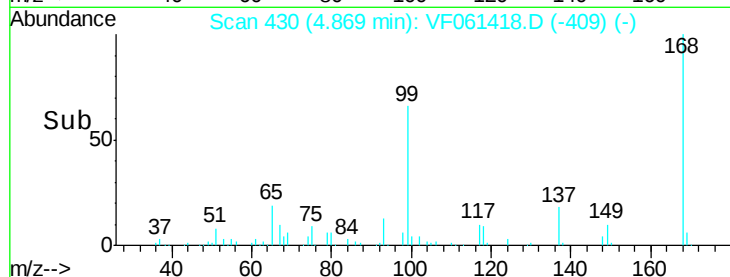
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 36.807 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061418.D

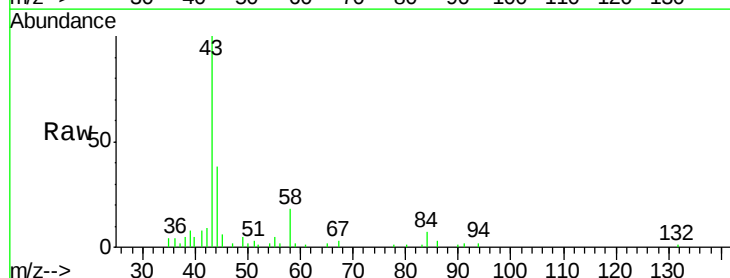
Acq: 16 Jan 2019 18:15

Tgt Ion: 43 Resp: 19671

Ion Ratio Lower Upper

43 100

58 18.4 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

8000

6000

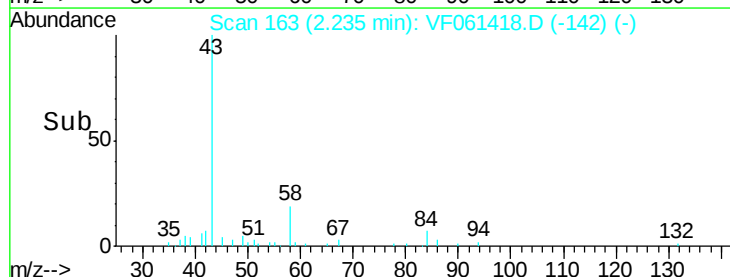
4000

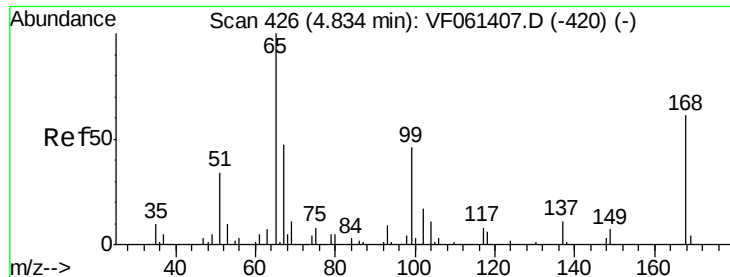
2000

0

Time-->

2.15 2.20 2.25 2.30 2.35





#33

1,2-Dichloroethane-d4

Concen: 45.769 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.01 min

Lab File: VF061418.D

Acq: 16 Jan 2019 18:15

Instrument :

MSVOA_F

ClientSampleId :

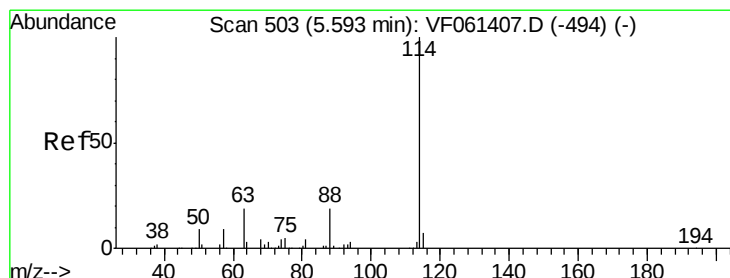
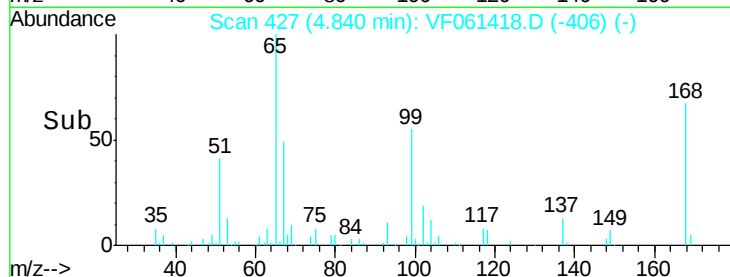
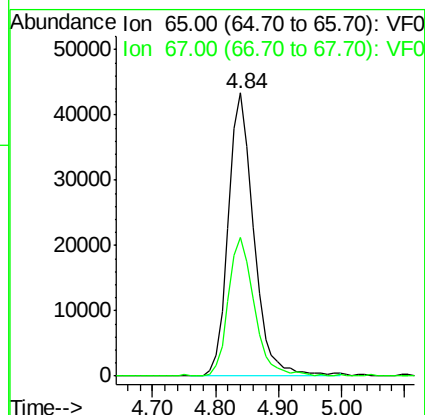
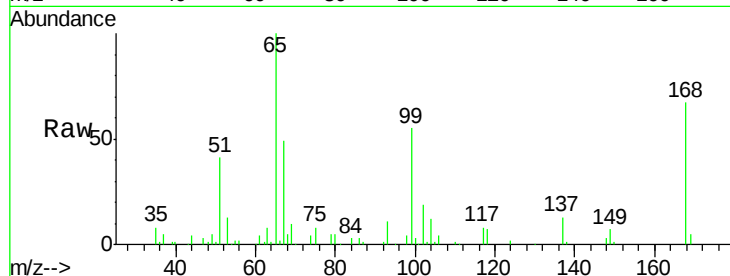
VOC-9RE

Tot Ion: 65 Resp: 121931

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061418.D

Acq: 16 Jan 2019 18:15

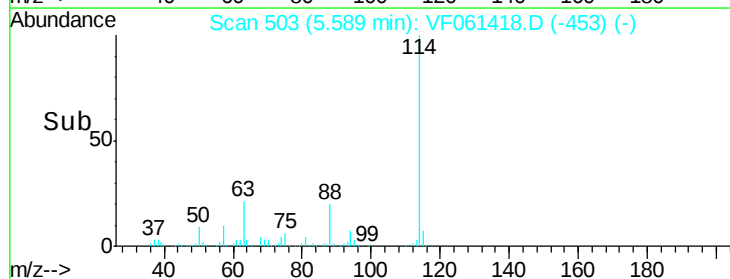
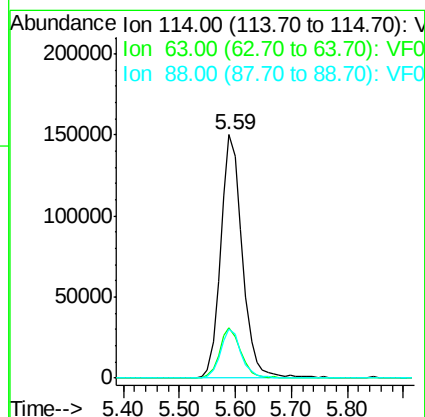
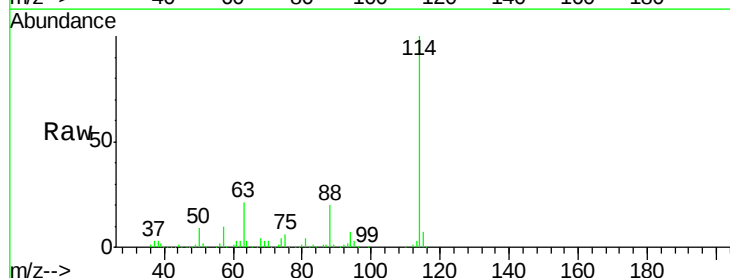
Tgt Ion: 114 Resp: 405036

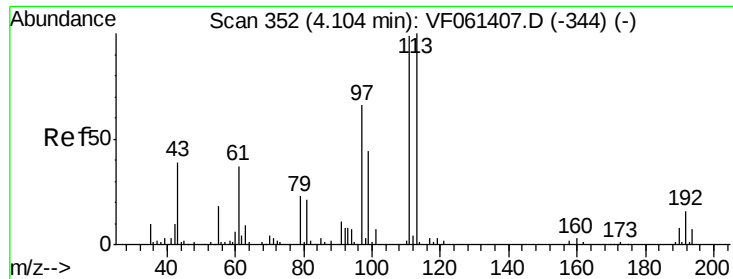
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

88 20.1 0.0 37.4

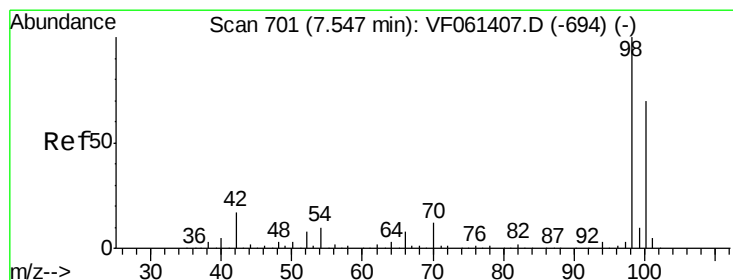
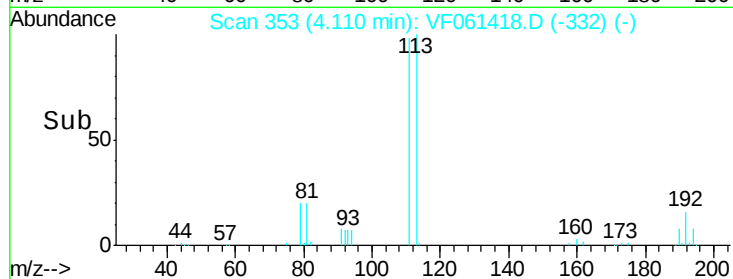
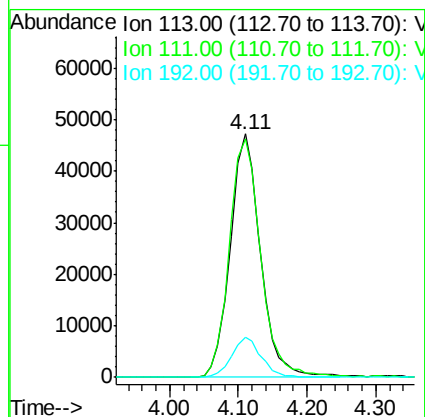
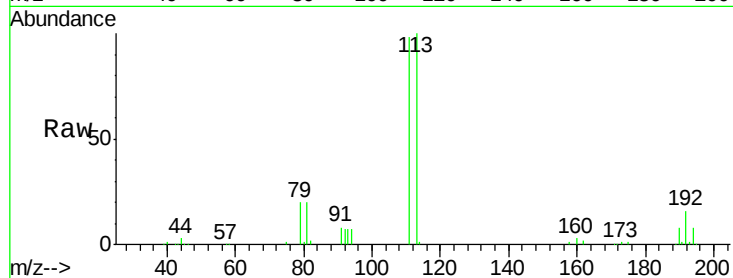




#35
 Dibromofluoromethane
 Concen: 45.007 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VF061418.D
 Acq: 16 Jan 2019 18:15

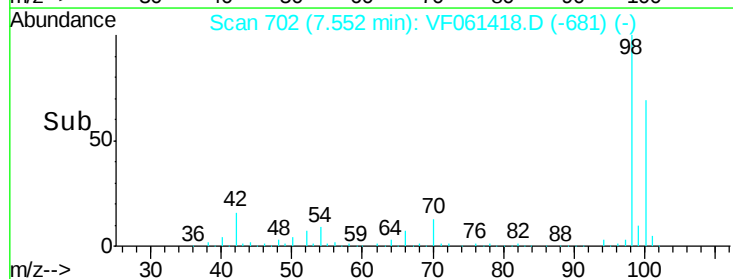
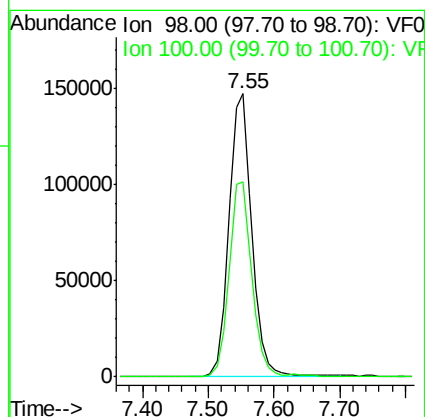
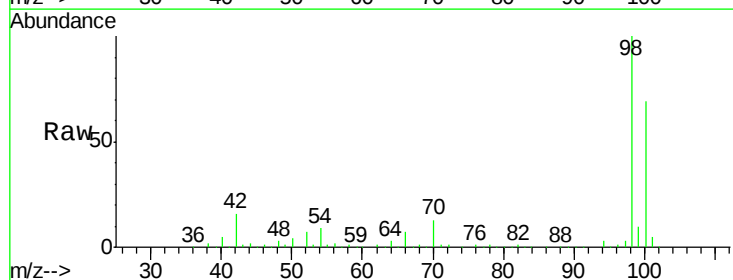
Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-9RE

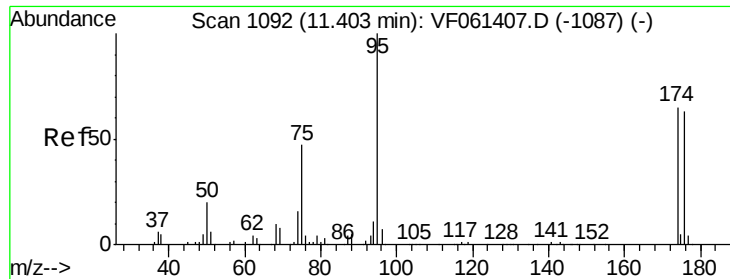
Tot Ion:113 Resp: 143847
 Ion Ratio Lower Upper
 113 100
 111 97.7 79.4 119.0
 192 16.2 12.4 18.6



#50
 Toluene-d8
 Concen: 41.052 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: VF061418.D
 Acq: 16 Jan 2019 18:15

Tgt Ion: 98 Resp: 359481
 Ion Ratio Lower Upper
 98 100
 100 68.9 55.6 83.4





#62

4-Bromofluorobenzene

Concen: 36.961 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061418.D

Acq: 16 Jan 2019 18:15

Instrument :

MSVOA_F

ClientSampleId :

VOC-9RE

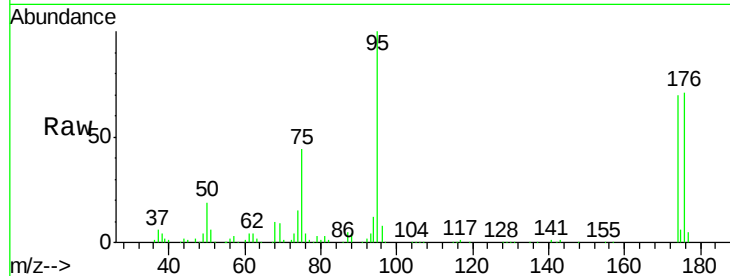
Tot Ion: 95 Resp: 151221

Ion Ratio Lower Upper

95 100

174 70.1 0.0 130.4

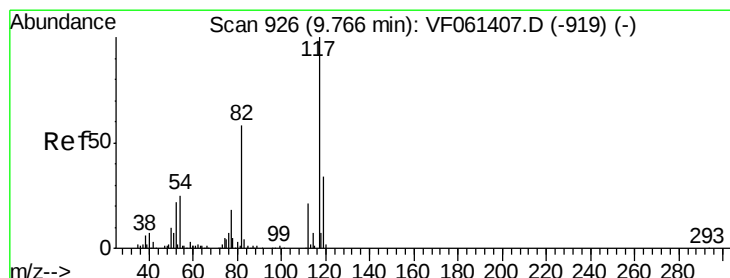
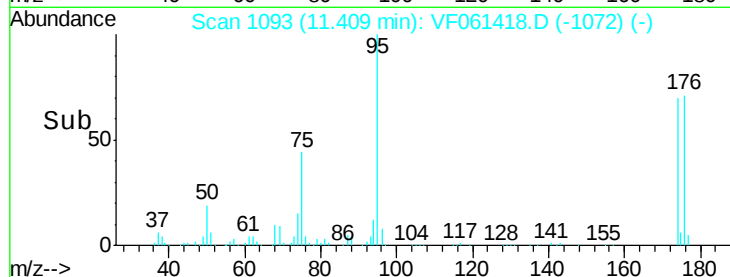
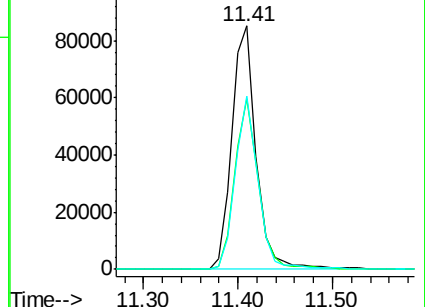
176 71.3 0.0 126.2



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: 9.77 min Scan# 927

Delta R.T. 0.01 min

Lab File: VF061418.D

Acq: 16 Jan 2019 18:15

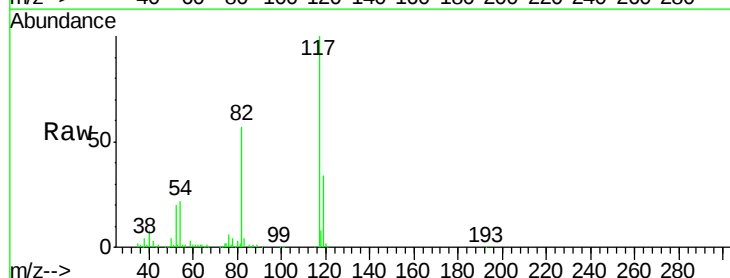
Tgt Ion: 117 Resp: 321240

Ion Ratio Lower Upper

117 100

82 57.1 46.4 69.6

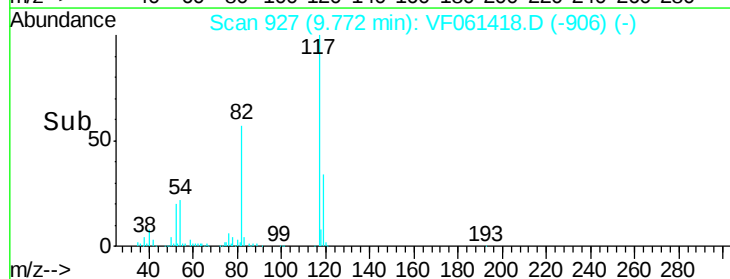
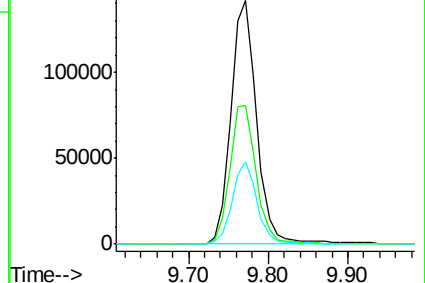
119 33.8 27.2 40.8

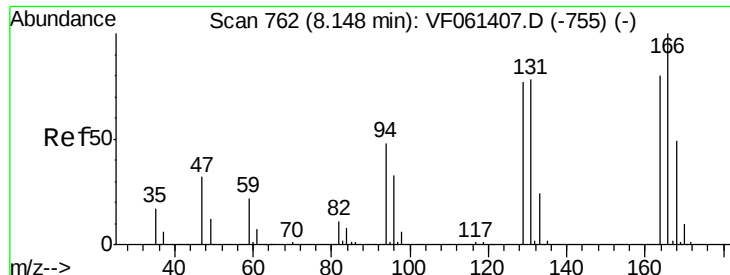


Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

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

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

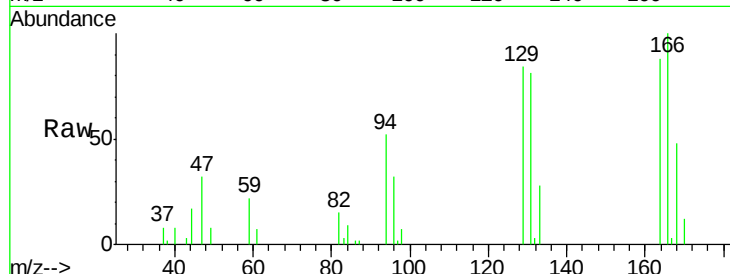




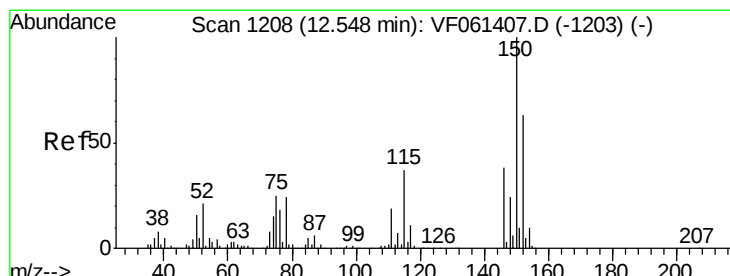
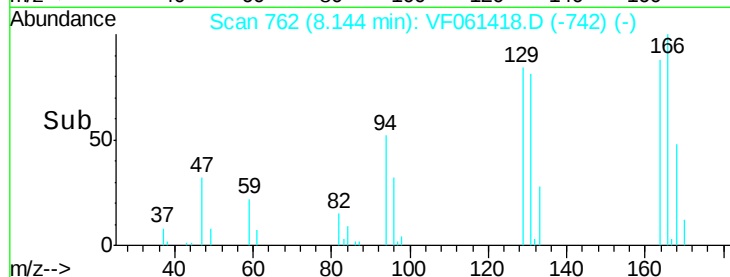
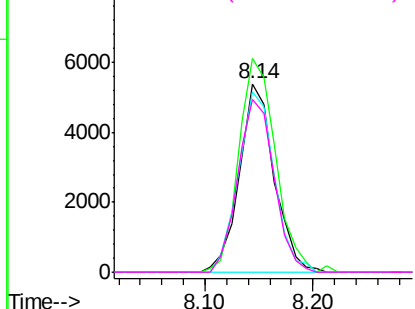
#64
Tetrachloroethene
Concen: 4.982 ug/l
RT: 8.14 min Scan# 762
Delta R.T. -0.00 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
VOC-9RE

Tot Ion:164 Resp: 12035
Ion Ratio Lower Upper
164 100
166 113.3 99.6 149.4
129 95.4 76.4 114.6
131 91.4 77.9 116.9

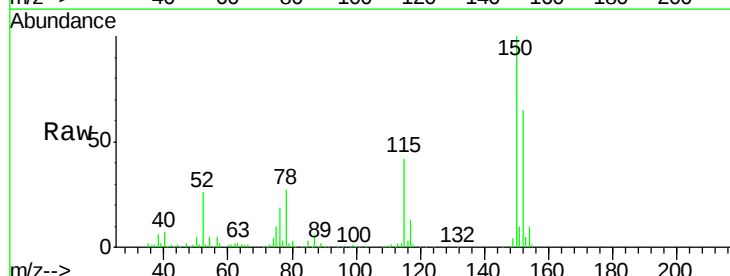


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion:152 Resp: 130554
Ion Ratio Lower Upper
152 100
115 64.5 30.0 90.0
150 154.2 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

