

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061719.D
 Acq On : 22 Feb 2019 20:21
 Operator : VA/AP
 Sample : K1595-01RE
 Misc : 5.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-CBF-B10RE

Quant Time: Feb 23 03:31:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

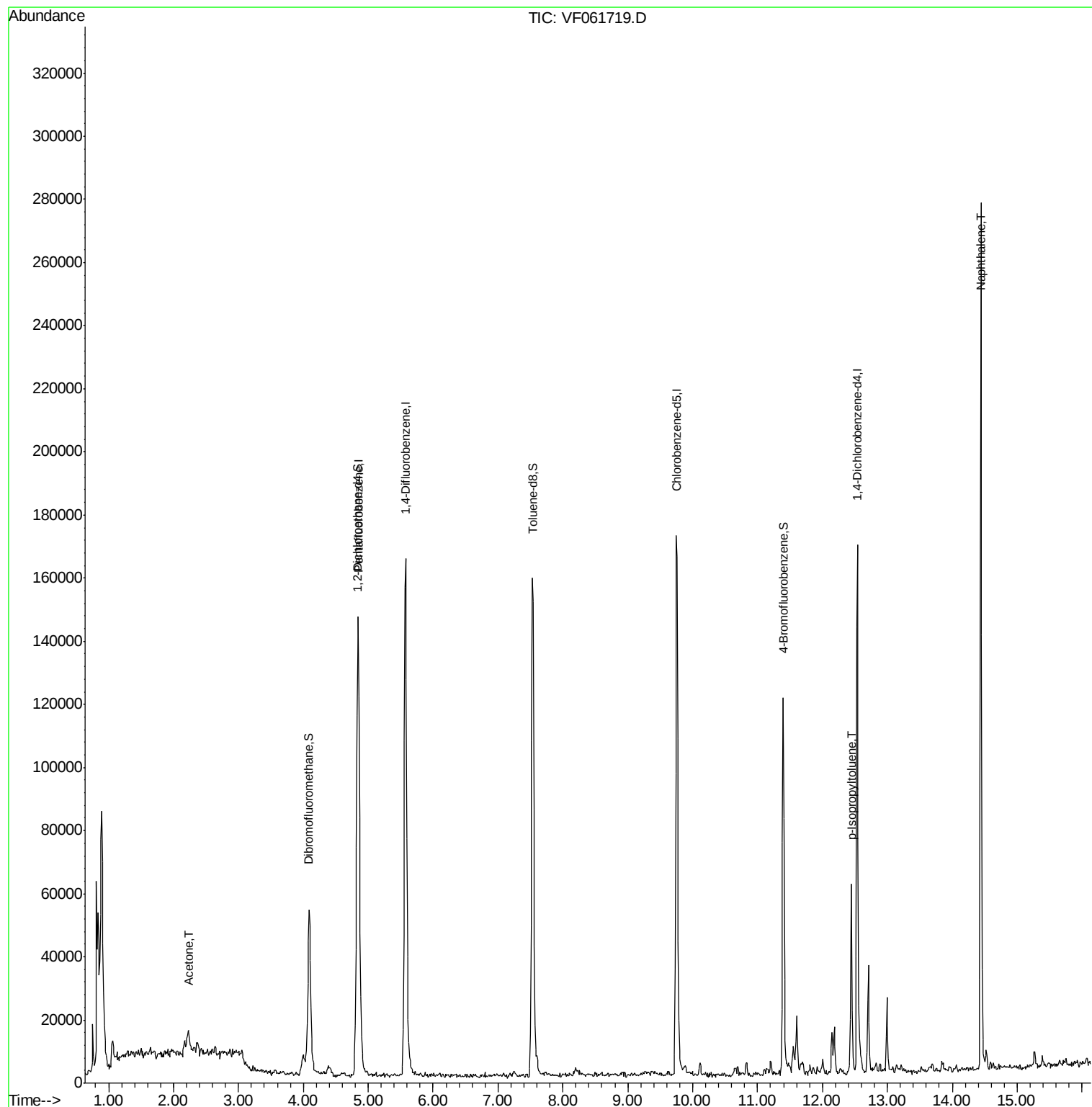
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	157766	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	214528	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	142362	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	51716	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	28015	24.22	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	48.44%	
35) Dibromofluoromethane	4.09	113	50267	31.55	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	63.10%	
50) Toluene-d8	7.54	98	143711	31.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	62.76%	
62) 4-Bromofluorobenzene	11.40	95	45468	24.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	49.08%	
Target Compounds						
16) Acetone	2.23	43	10437	42.047	ug/l	94
86) p-Isopropyltoluene	12.45	119	39227	11.089	ug/l	97
95) Naphthalene	14.44	128	204108	96.490	ug/l	98

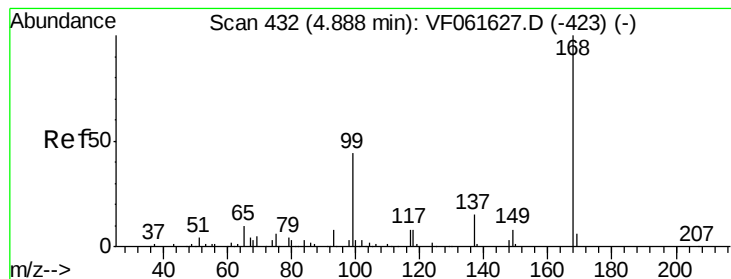
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022219\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061719.D

Acq: 22 Feb 2019 20:21

Instrument :

MSVOA_F

ClientSampleId :

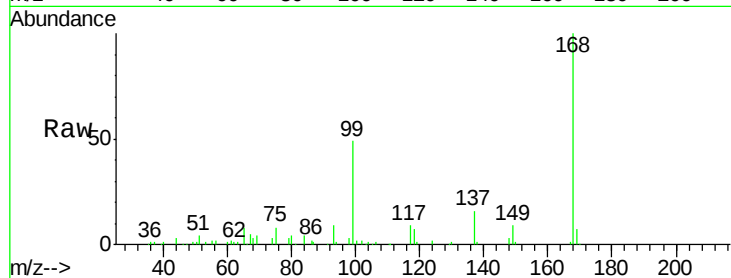
TP-CBF-B10RE

Tot Ion:168 Resp: 157766

Ion Ratio Lower Upper

168 100

99 48.6 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

50000

40000

30000

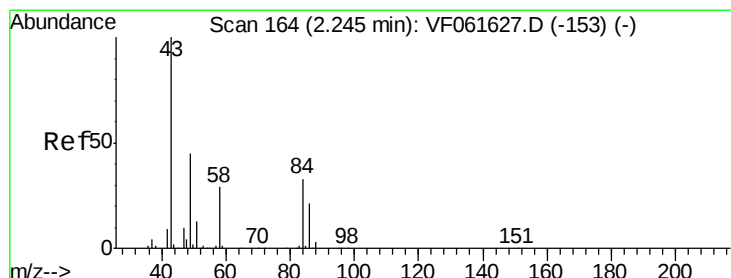
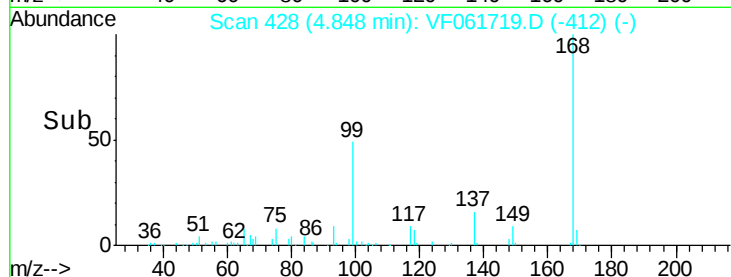
20000

10000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 42.047 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061719.D

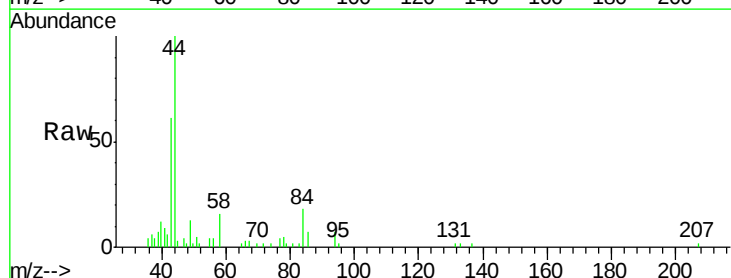
Acq: 22 Feb 2019 20:21

Tgt Ion: 43 Resp: 10437

Ion Ratio Lower Upper

43 100

58 25.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

3000

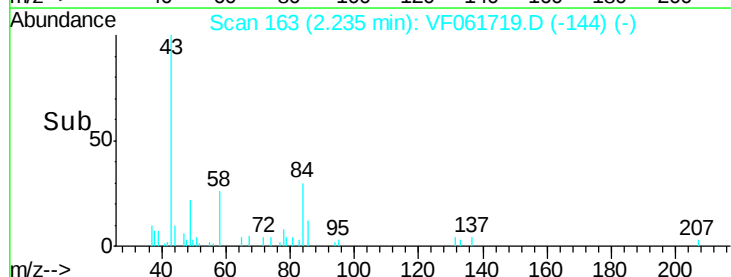
2000

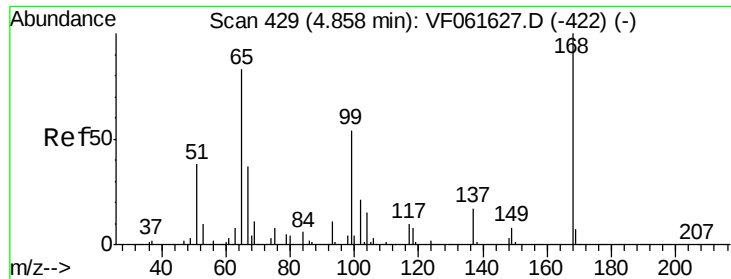
1000

0

Time-->

2.10 2.20 2.30

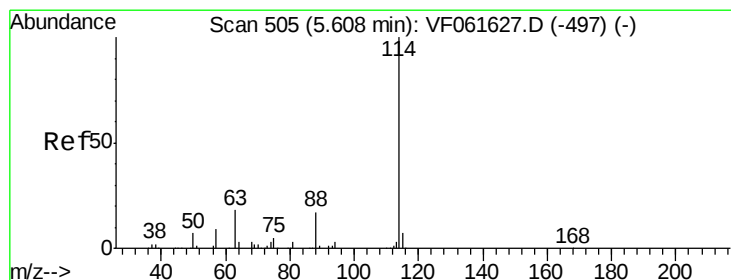
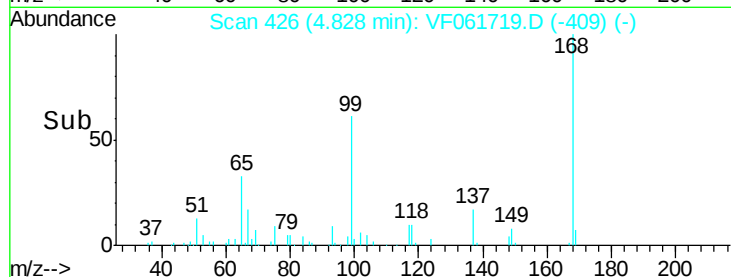
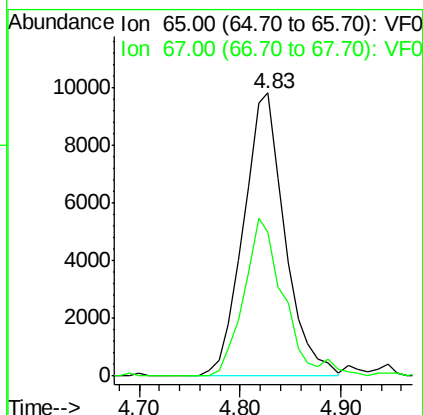
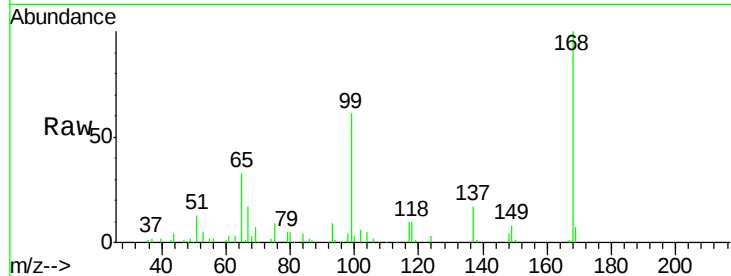




#33
 1,2-Dichloroethane-d4
 Concen: 24.215 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.03 min
 Lab File: VF061719.D
 Acq: 22 Feb 2019 20:21

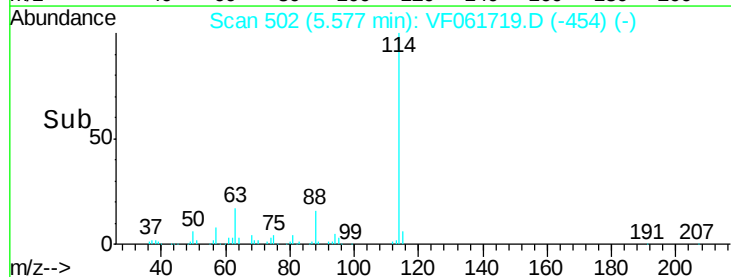
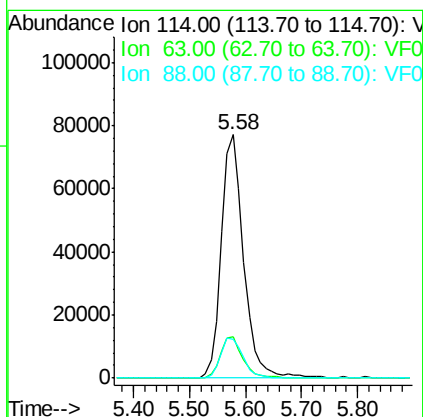
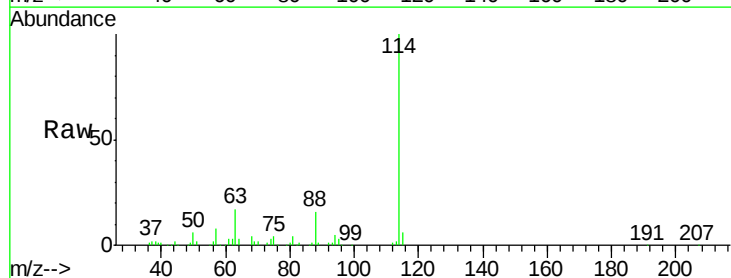
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-CBF-B10RE

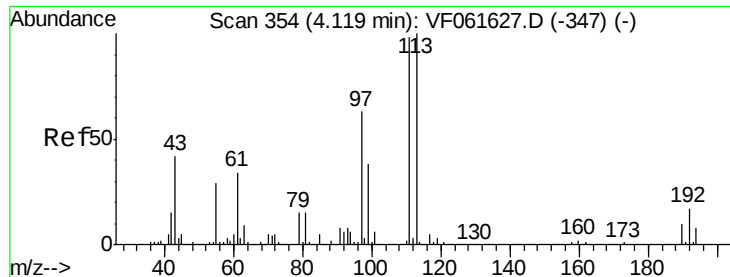
Tot Ion: 65 Resp: 28015
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061719.D
 Acq: 22 Feb 2019 20:21

Tgt Ion: 114 Resp: 214528
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.6
 88 16.1 0.0 34.4





#35

Dibromofluoromethane

Concen: 31.553 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061719.D

Acq: 22 Feb 2019 20:21

Instrument :

MSVOA_F

ClientSampleId :

TP-CBF-B10RE

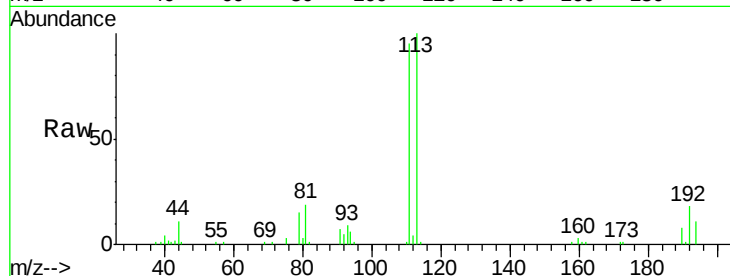
Tot Ion:113 Resp: 50267

Ion Ratio Lower Upper

113 100

111 94.5 78.8 118.2

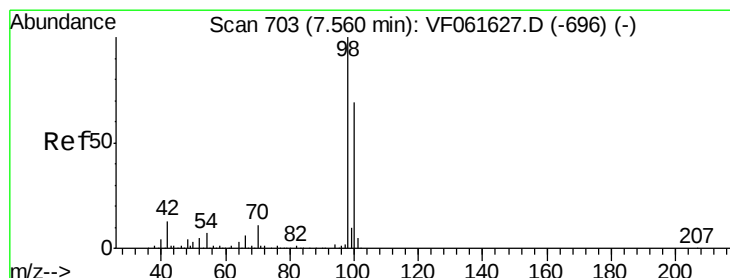
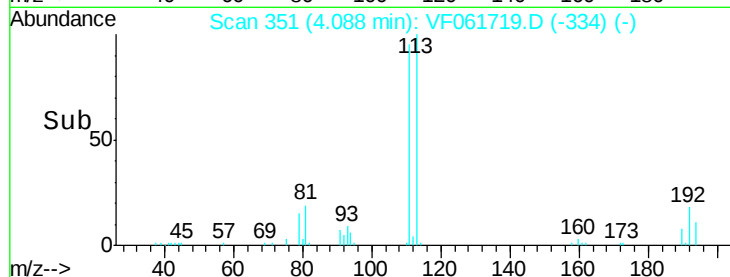
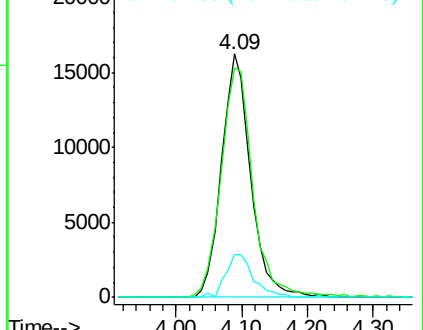
192 17.8 13.4 20.0



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: 31.380 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061719.D

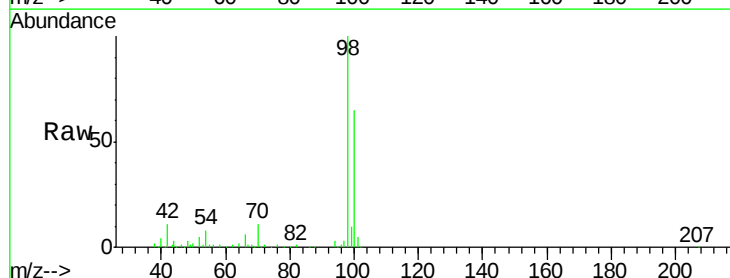
Acq: 22 Feb 2019 20:21

Tgt Ion: 98 Resp: 143711

Ion Ratio Lower Upper

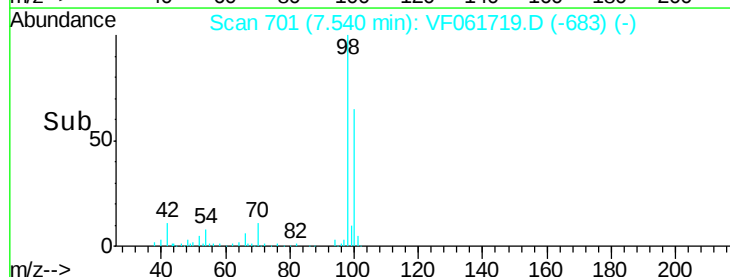
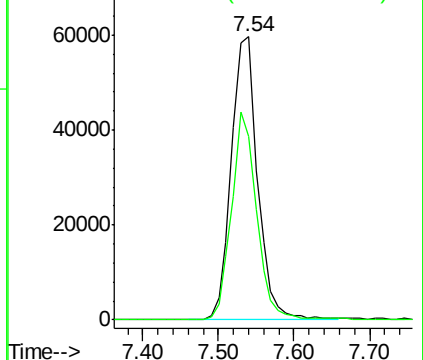
98 100

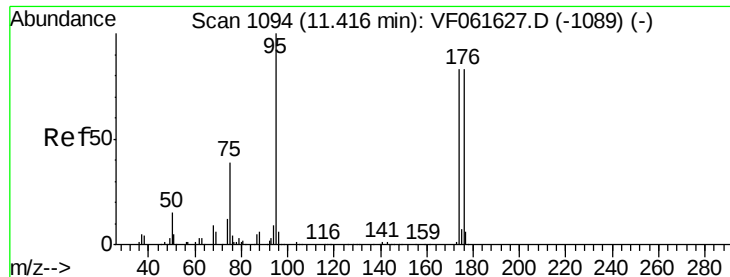
100 64.7 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 24.537 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061719.D

Acq: 22 Feb 2019 20:21

Instrument :

MSVOA_F

ClientSampleId :

TP-CBF-B10RE

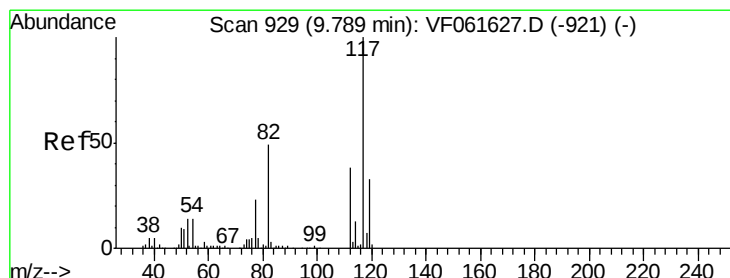
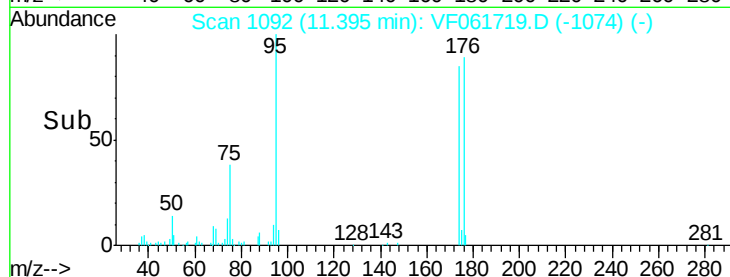
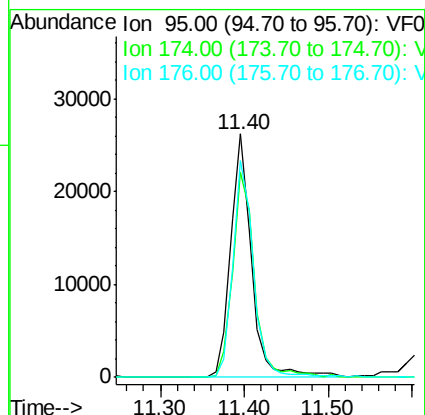
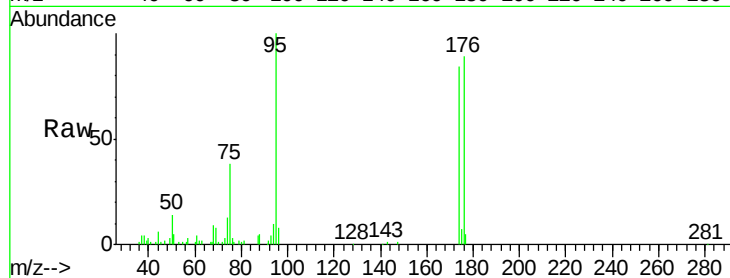
Tot Ion: 95 Resp: 45468

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

176 88.8 0.0 167.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.75 min Scan# 925

Delta R.T. -0.04 min

Lab File: VF061719.D

Acq: 22 Feb 2019 20:21

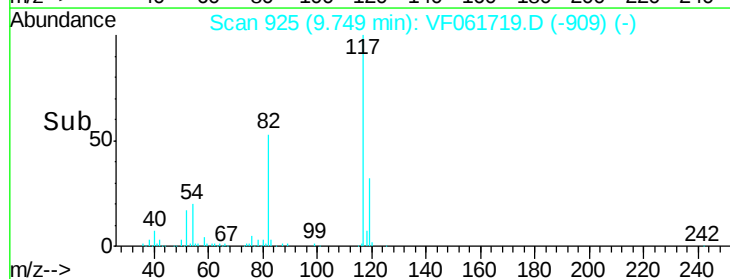
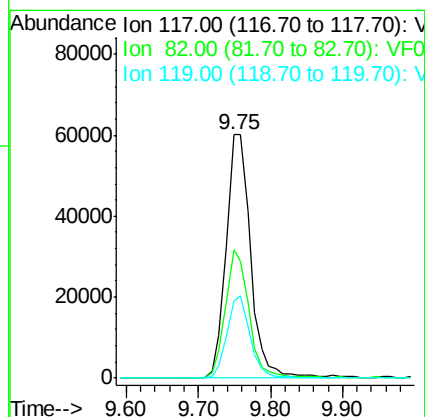
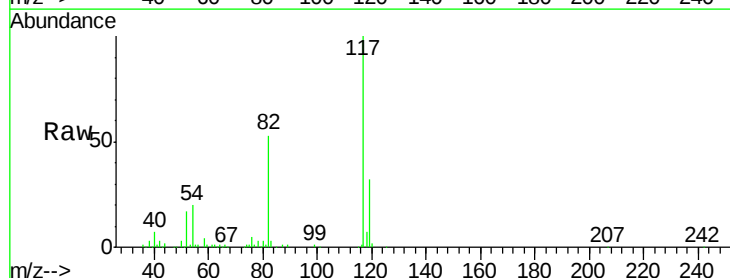
Tgt Ion: 117 Resp: 142362

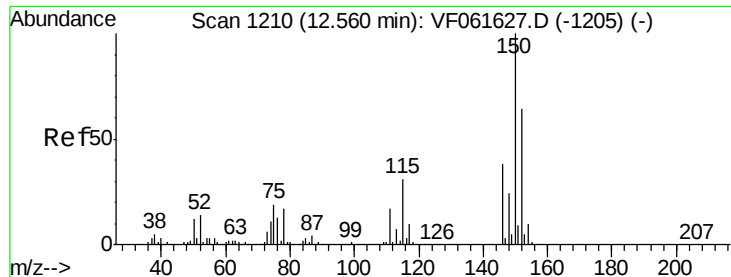
Ion Ratio Lower Upper

117 100

82 53.0 39.3 58.9

119 31.7 26.6 40.0



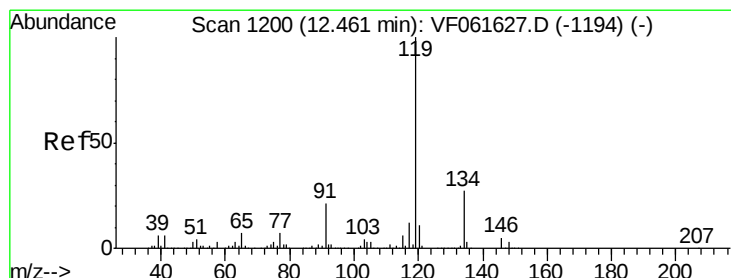
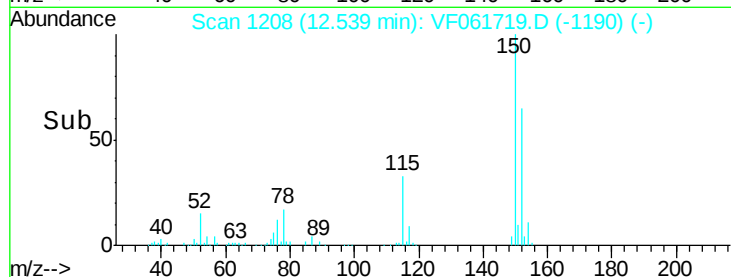
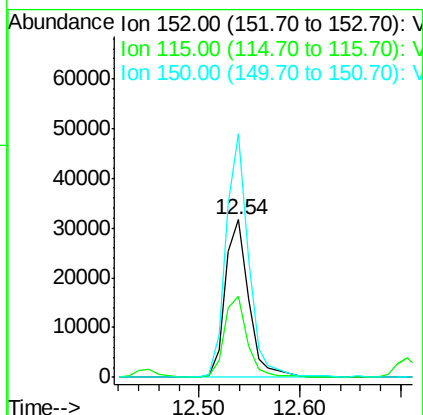
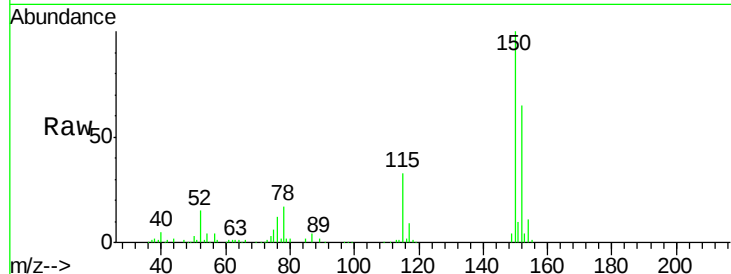


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061719.D
Acq: 22 Feb 2019 20:21

Instrument :
MSVOA_F
ClientSampleId :
TP-CBF-B10RE

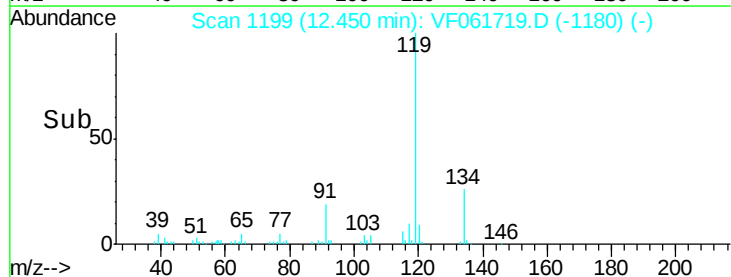
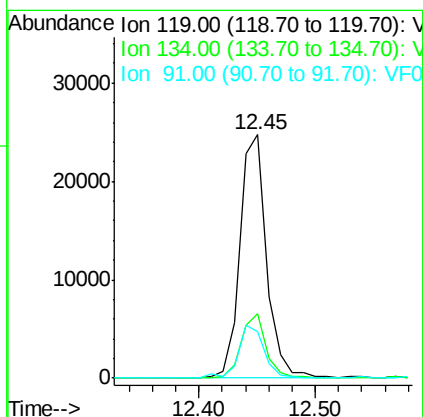
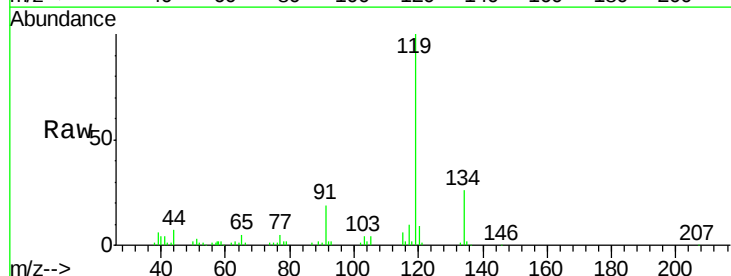
Tot Ion:152 Resp: 51716
Ion Ratio Lower Upper
152 100
115 51.1 24.3 72.8
150 154.4 0.0 312.0

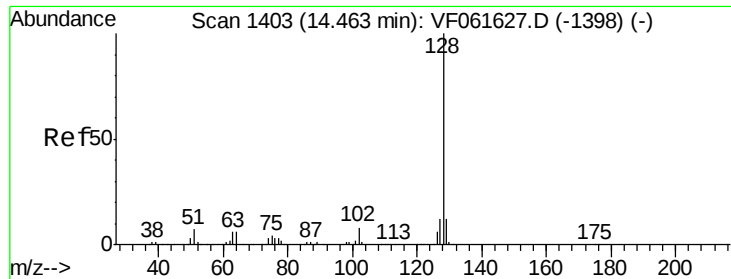


#86

p-Isopropyltoluene
Concen: 11.089 ug/l
RT: 12.45 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VF061719.D
Acq: 22 Feb 2019 20:21

Tgt Ion:119 Resp: 39227
Ion Ratio Lower Upper
119 100
134 26.4 13.7 41.1
91 19.3 10.8 32.4

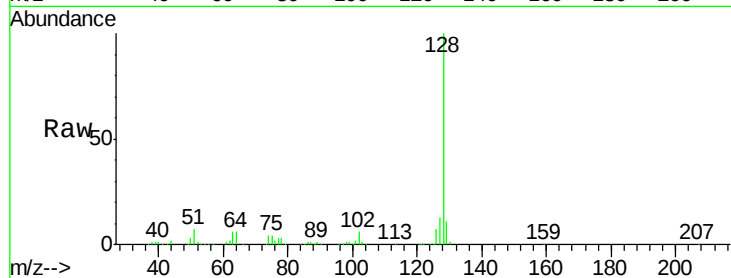




#95
Naphthalene
Concen: 96.490 ug/l
RT: 14.44 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF061719.D
Acq: 22 Feb 2019 20:21

Instrument :
MSVOA_F
ClientSampleId :
TP-CBF-B10RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.8	14.6
129	10.8	9.4	14.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

