

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061597.D
 Acq On : 11 Feb 2019 20:31
 Operator : VA/AP
 Sample : K1458-05RE
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3RE

Quant Time: Feb 12 05:09:41 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

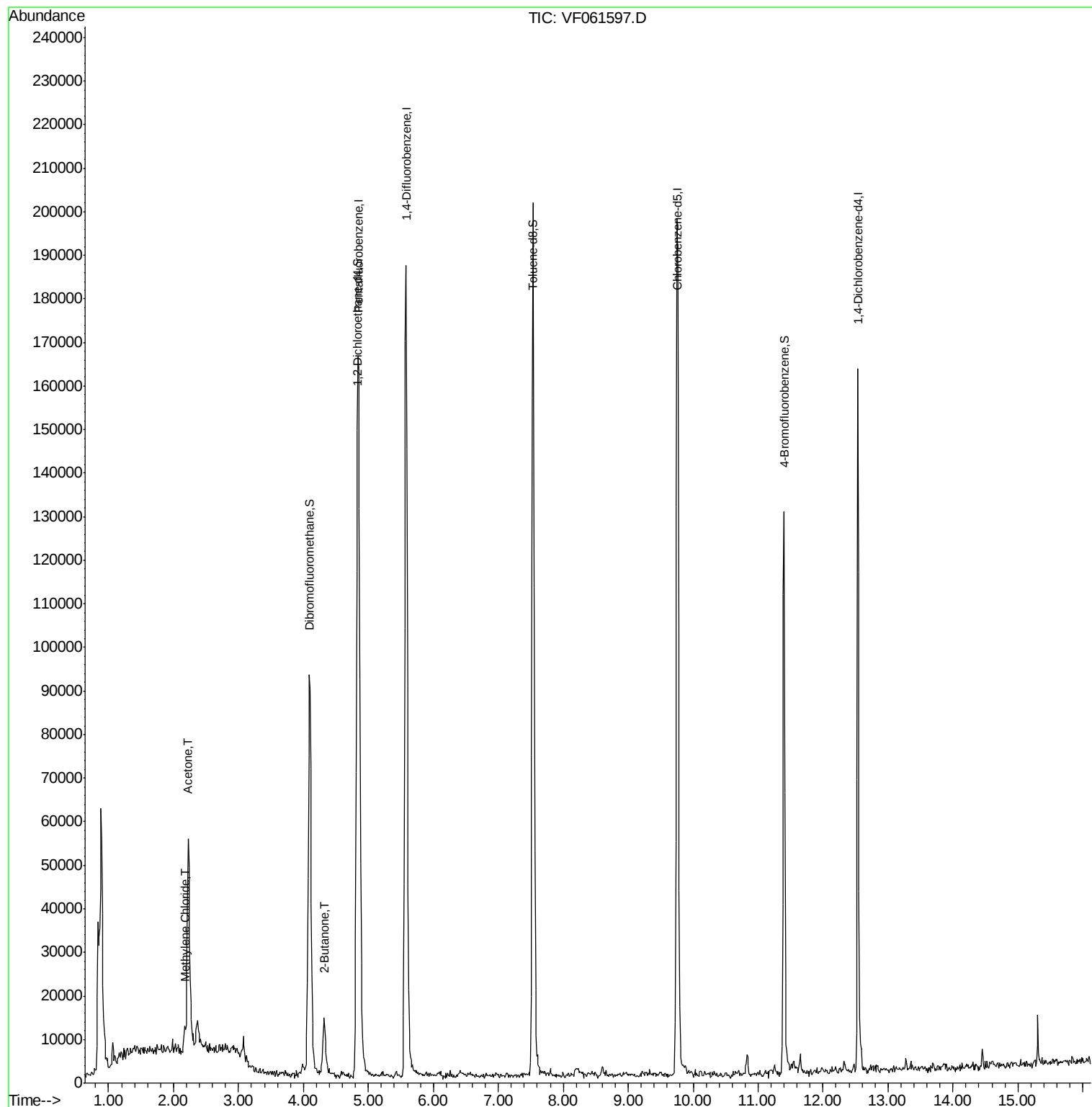
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	113637	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	197220	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.75	117	144169	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.53	152	37941	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	87932	62.67	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	125.34%	
35) Dibromofluoromethane	4.10	113	89398	57.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.90%	
50) Toluene-d8	7.53	98	176154	41.31	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.62%	
62) 4-Bromofluorobenzene	11.40	95	50920	25.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.12%	
Target Compounds						
16) Acetone	2.23	43	81934	291.106	ug/l	97
20) Methylene Chloride	2.17	84	6201m	4.905	ug/l	
25) 2-Butanone	4.31	43	28018	59.861	ug/l #	86

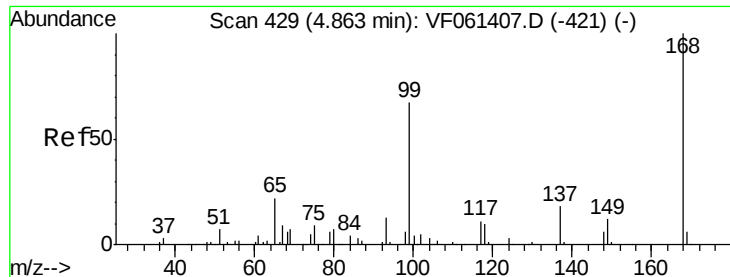
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021119\
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061597.D

Acq: 11 Feb 2019 20:31

Instrument :

MSVOA_F

ClientSampleId :

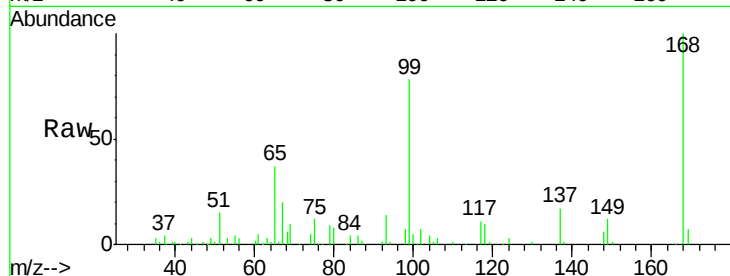
SB-3RE

Tot Ion:168 Resp: 113637

Ion Ratio Lower Upper

168 100

99 77.6 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

30000

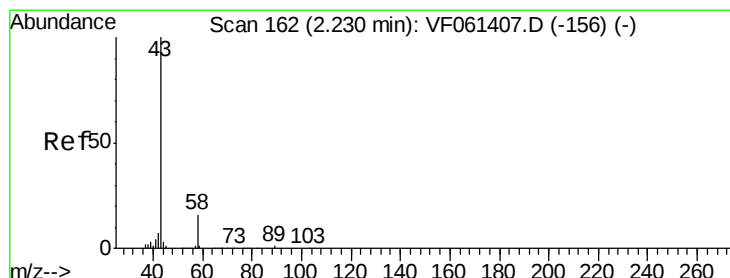
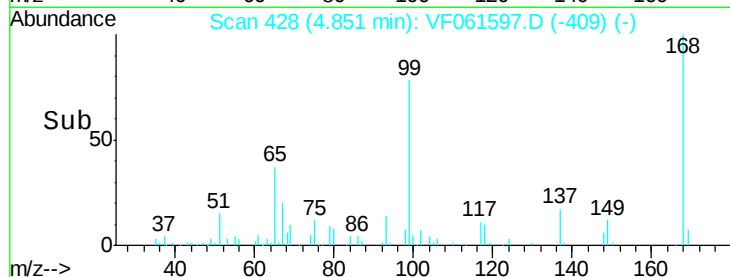
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 291.106 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061597.D

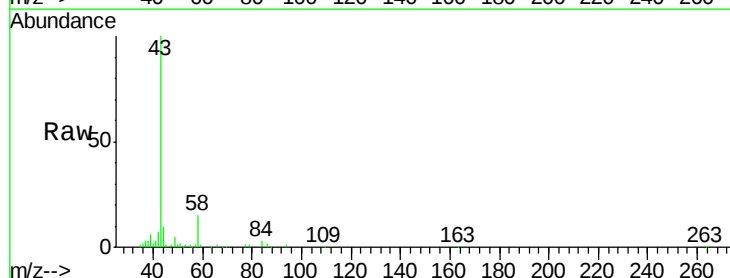
Acq: 11 Feb 2019 20:31

Tgt Ion: 43 Resp: 81934

Ion Ratio Lower Upper

43 100

58 15.4 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

30000

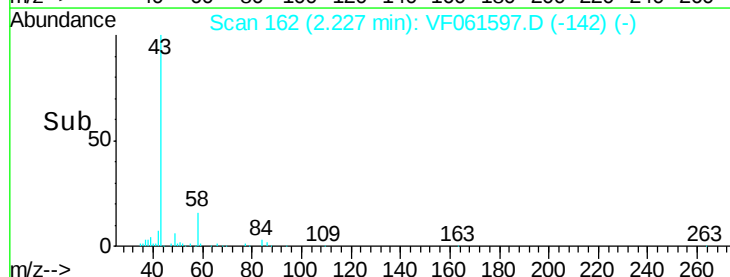
20000

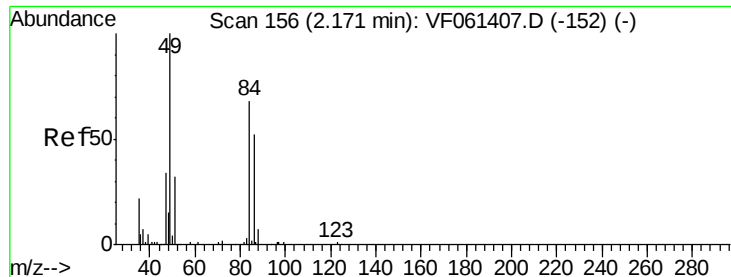
10000

0

Time-->

2.10 2.20 2.30 2.40

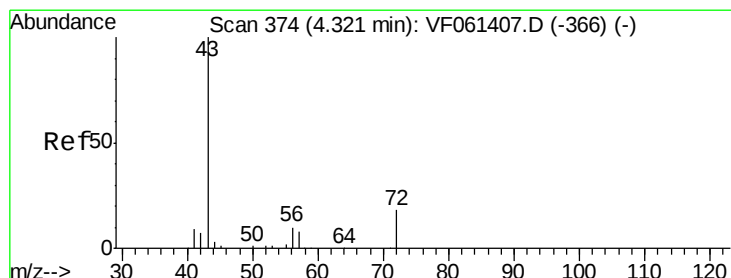
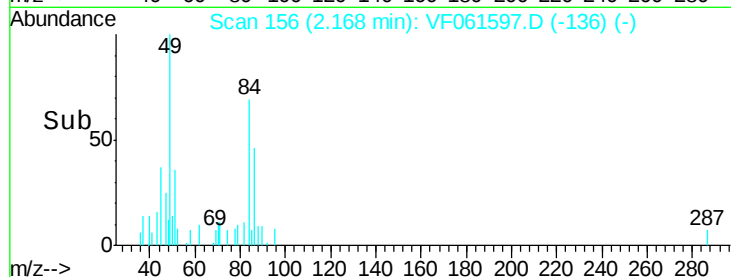
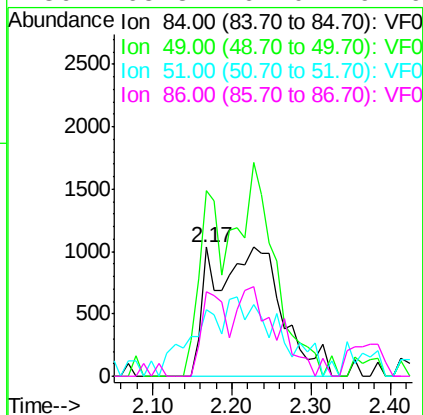
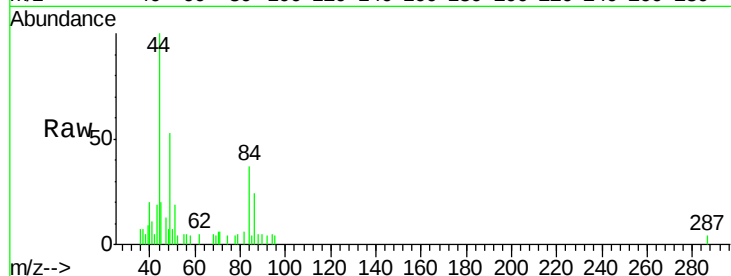




#20
Methvlene Chloride
Concen: 4.905 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.00 min
Lab File: VF061597.D
Acq: 11 Feb 2019 20:31

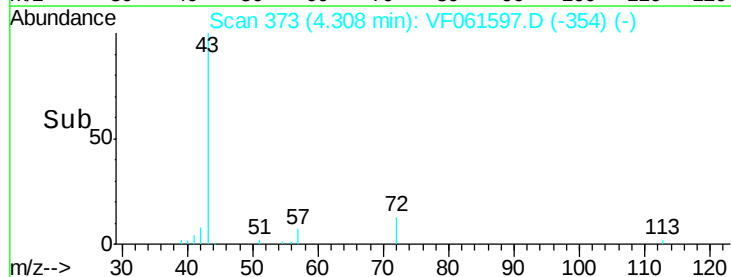
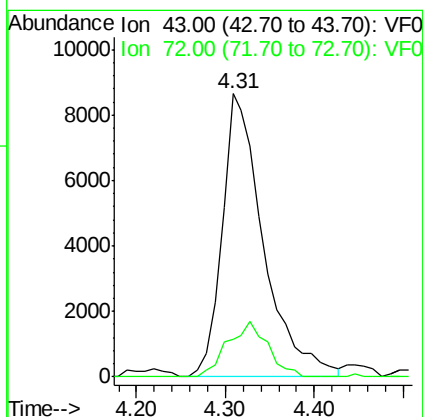
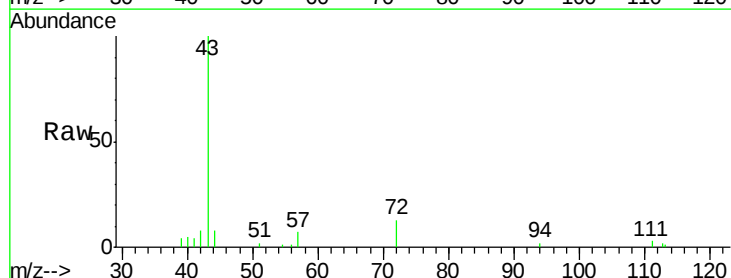
Instrument :
MSVOA_F
ClientSampleId :
SB-3RE

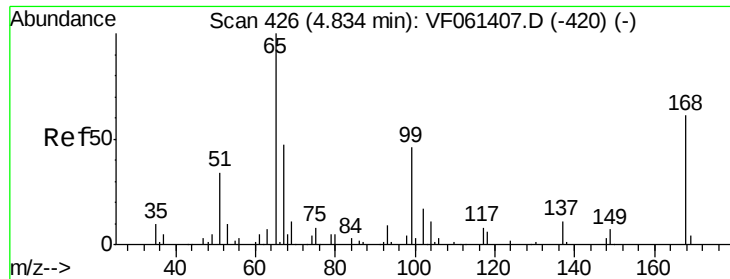
Tot Ion: 84 Resp: 6201
Ion Ratio Lower Upper
84 100
49 144.3 120.0 180.0
51 52.0 38.6 58.0
86 65.8 61.0 91.6



#25
2-Butanone
Concen: 59.861 ug/l
RT: 4.31 min Scan# 373
Delta R.T. -0.01 min
Lab File: VF061597.D
Acq: 11 Feb 2019 20:31

Tgt Ion: 43 Resp: 28018
Ion Ratio Lower Upper
43 100
72 13.4 15.8 23.6#





#33

1,2-Dichloroethane-d4

Concen: 62.674 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.01 min

Lab File: VF061597.D

Acq: 11 Feb 2019 20:31

Instrument :

MSVOA_F

ClientSampleId :

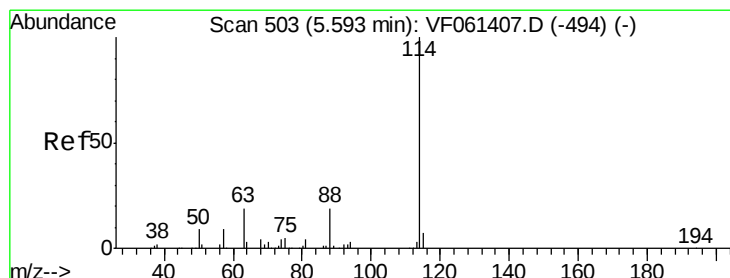
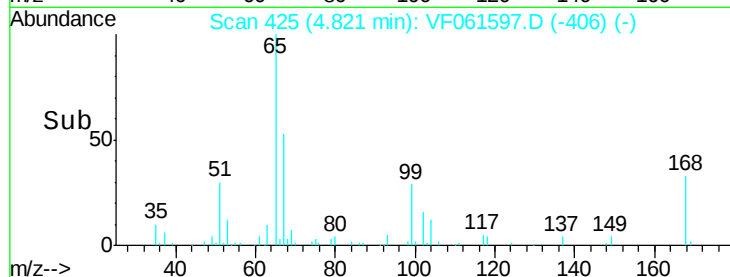
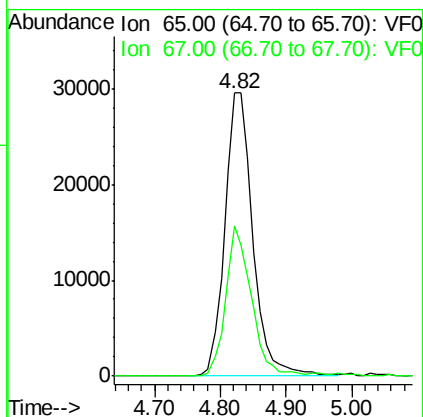
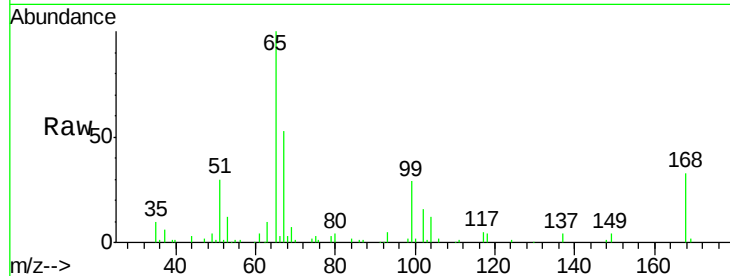
SB-3RE

Tot Ion: 65 Resp: 87932

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061597.D

Acq: 11 Feb 2019 20:31

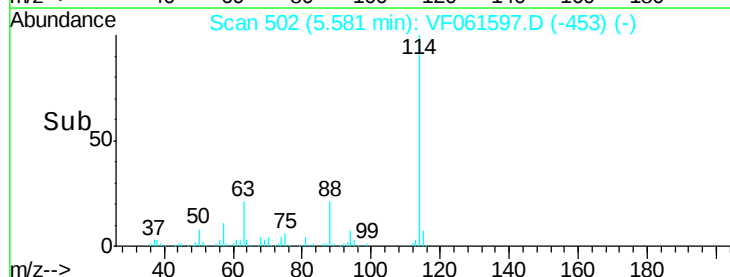
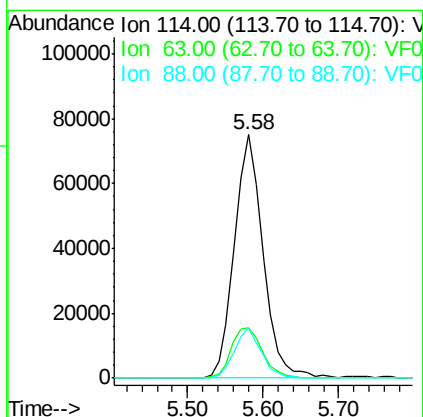
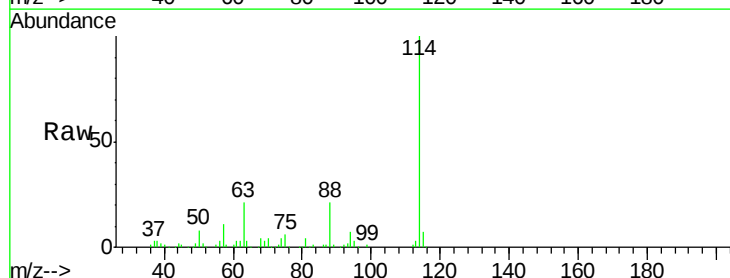
Tgt Ion: 114 Resp: 197220

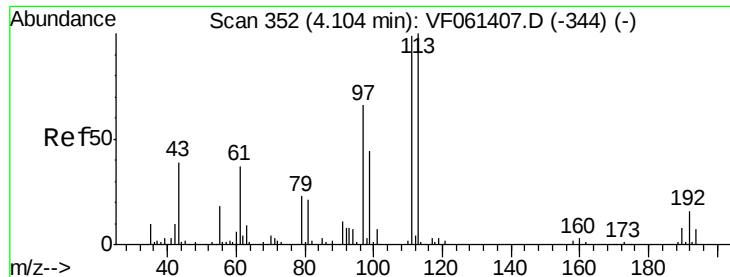
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

88 20.6 0.0 37.4





#35

Dibromofluoromethane

Concen: 57.445 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF061597.D

Acq: 11 Feb 2019 20:31

Instrument :

MSVOA_F

ClientSampleId :

SB-3RE

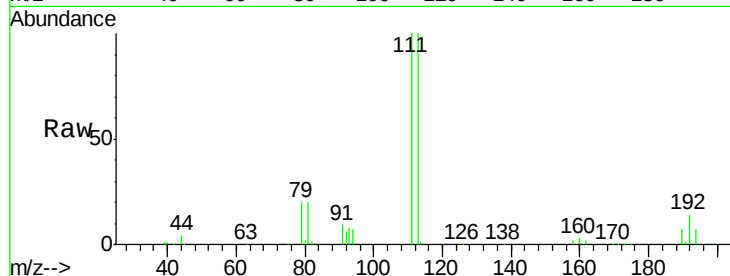
Tot Ion:113 Resp: 89398

Ion Ratio Lower Upper

113 100

111 100.3 79.4 119.0

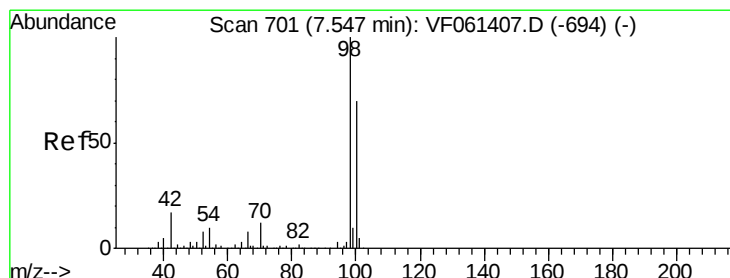
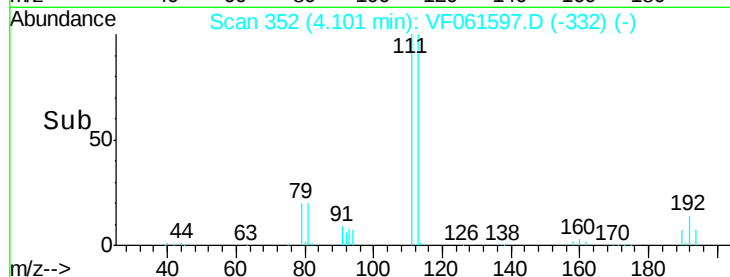
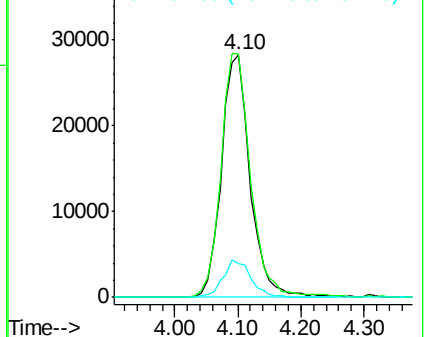
192 13.8 12.4 18.6



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: 41.314 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.01 min

Lab File: VF061597.D

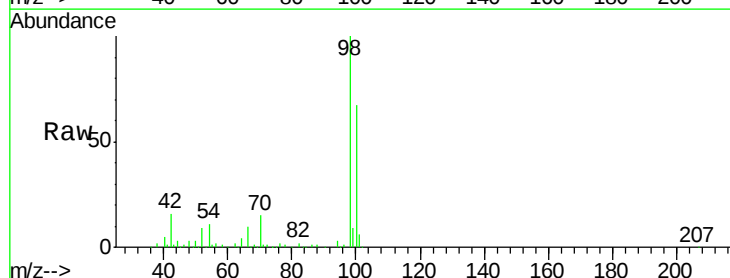
Acq: 11 Feb 2019 20:31

Tgt Ion: 98 Resp: 176154

Ion Ratio Lower Upper

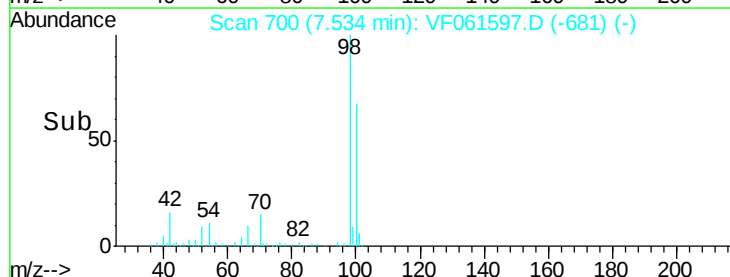
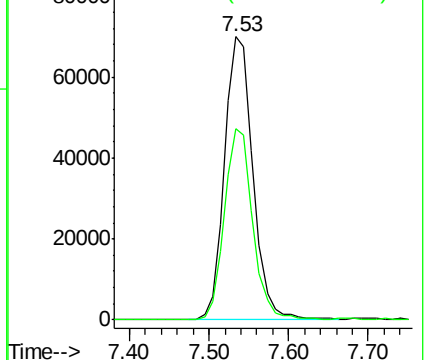
98 100

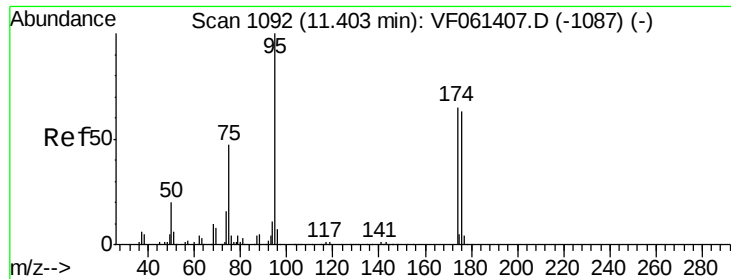
100 67.4 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 25.560 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061597.D

Acq: 11 Feb 2019 20:31

Instrument :

MSVOA_F

ClientSampleId :

SB-3RE

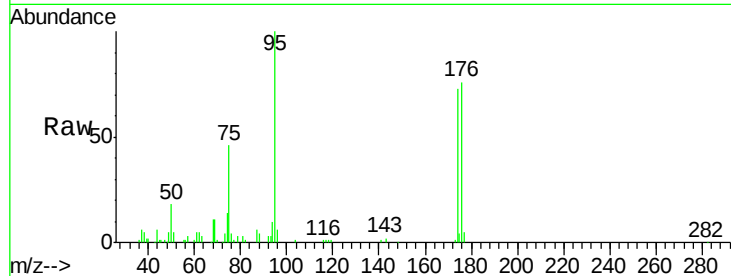
Tot Ion: 95 Resp: 50920

Ion Ratio Lower Upper

95 100

174 73.0 0.0 130.4

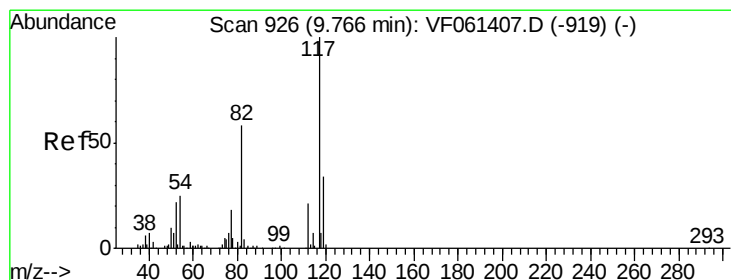
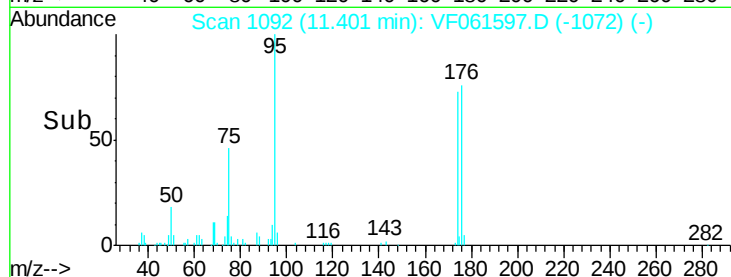
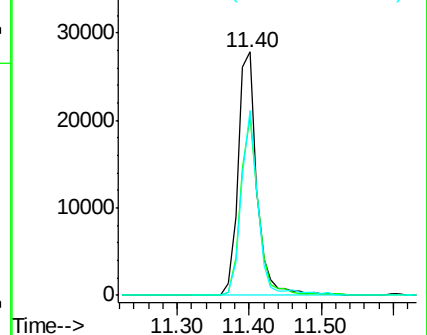
176 75.7 0.0 126.2



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: 9.75 min Scan# 925

Delta R.T. -0.01 min

Lab File: VF061597.D

Acq: 11 Feb 2019 20:31

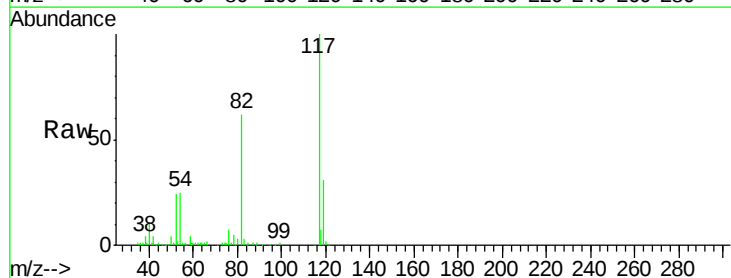
Tgt Ion: 117 Resp: 144169

Ion Ratio Lower Upper

117 100

82 62.5 46.4 69.6

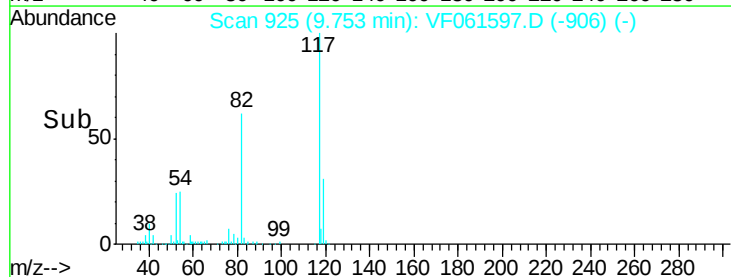
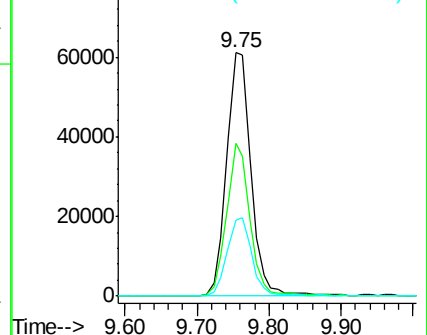
119 31.0 27.2 40.8

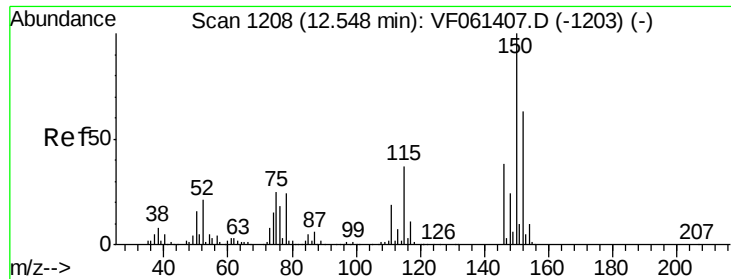


Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

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

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



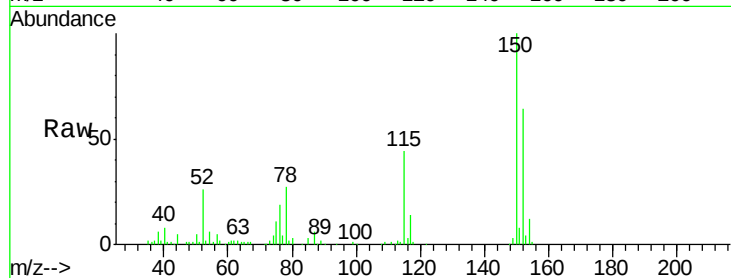


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061597.D
Acq: 11 Feb 2019 20:31

Instrument :
MSVOA_F
ClientSampleId :
SB-3RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	68.2	30.0	90.0
150	156.6	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

