

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
 Data File : VF061447.D
 Acq On : 17 Jan 2019 16:24
 Operator : VA/AP
 Sample : K1188-01
 Misc : 4.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S1-FRONT-HOUSE-7

Quant Time: Jan 18 04:09:49 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

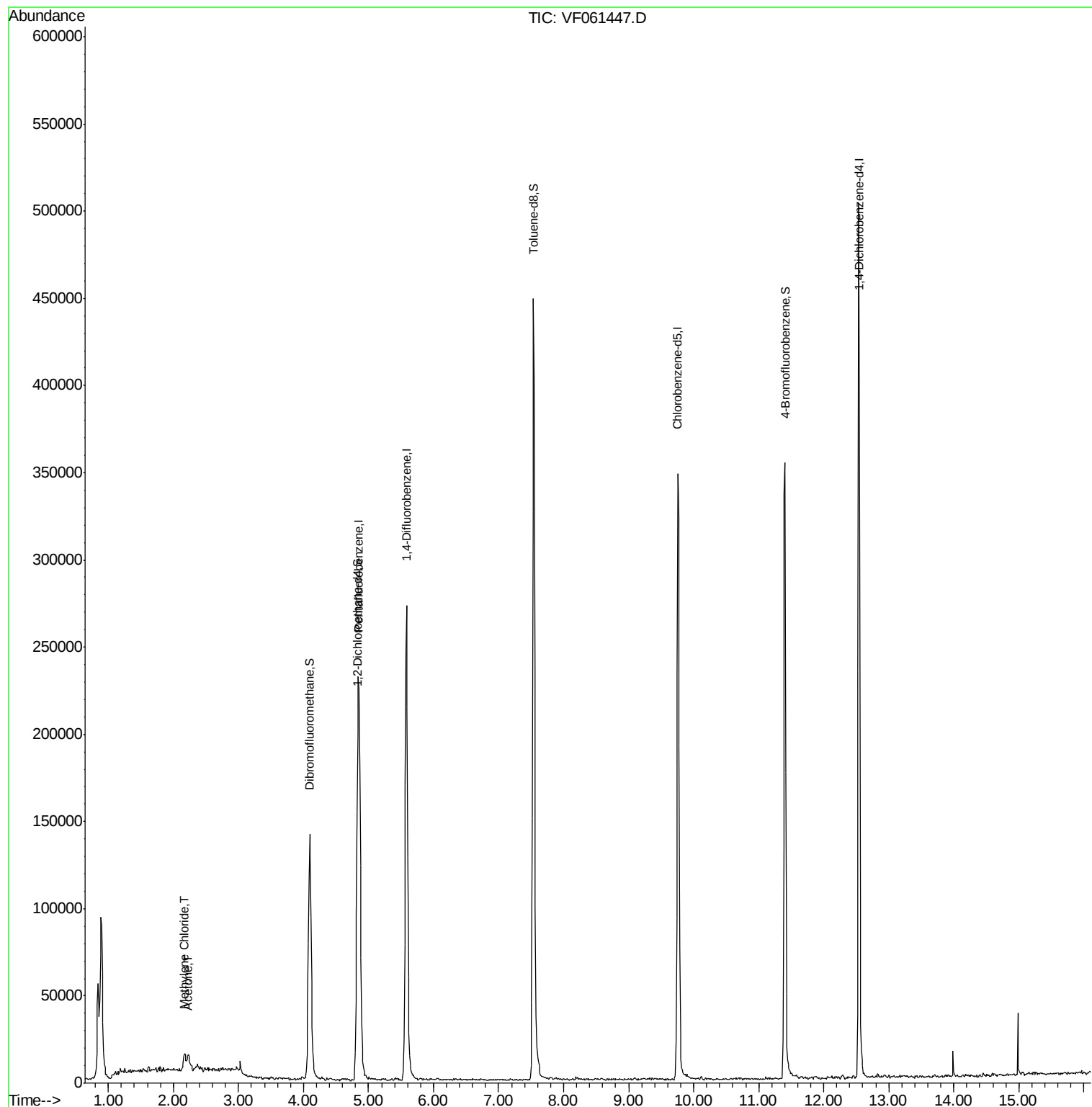
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	176567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	309470	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	260275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	116715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	97934	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
35) Dibromofluoromethane	4.09	113	138279	56.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.26%	
50) Toluene-d8	7.54	98	372974	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
62) 4-Bromofluorobenzene	11.40	95	146895	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
Target Compounds						
16) Acetone	2.22	43	5391	12.327	ug/l	96
20) Methylene Chloride	2.17	84	8735m	4.277	ug/l	

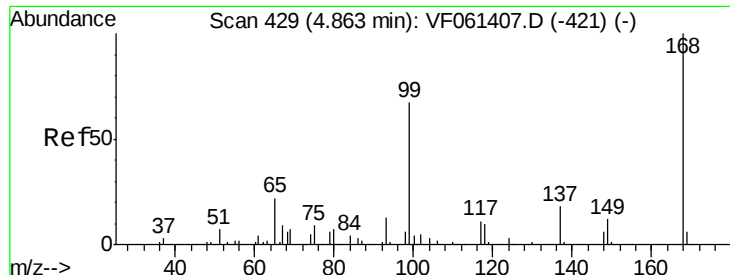
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061447.D

Acq: 17 Jan 2019 16:24

Instrument :

MSVOA_F

ClientSampleId :

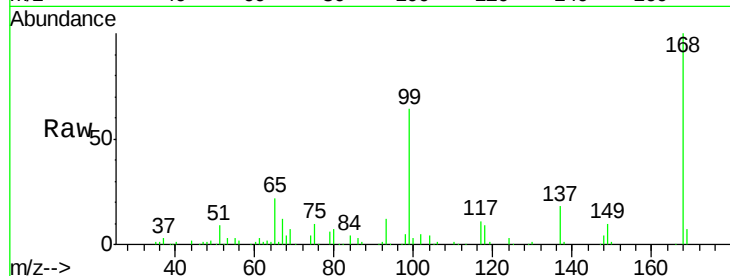
S1-FRONT-HOUSE-7

Tot Ion:168 Resp: 176567

Ion Ratio Lower Upper

168 100

99 64.4 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

60000

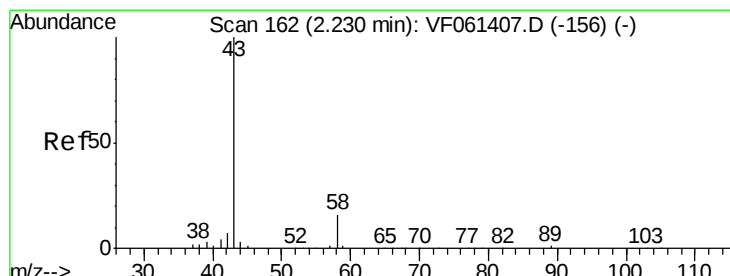
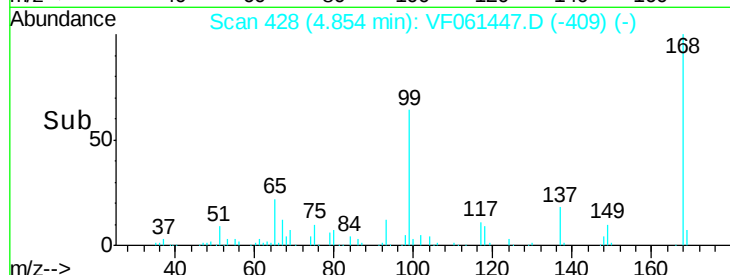
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 12.327 ug/l

RT: 2.22 min Scan# 161

Delta R.T. -0.01 min

Lab File: VF061447.D

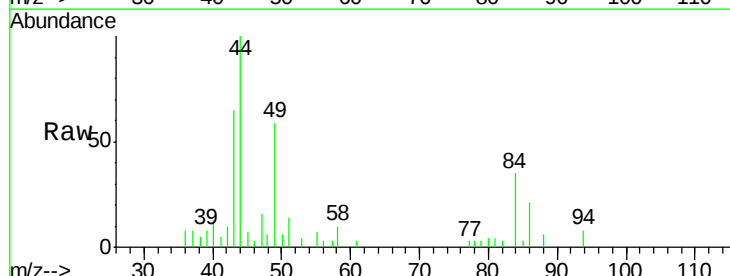
Acq: 17 Jan 2019 16:24

Tgt Ion: 43 Resp: 5391

Ion Ratio Lower Upper

43 100

58 15.1 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.22

2500

2000

1500

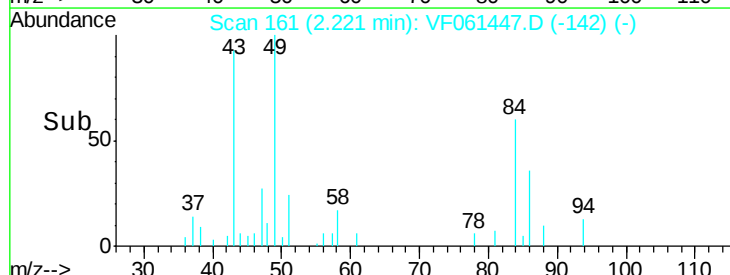
1000

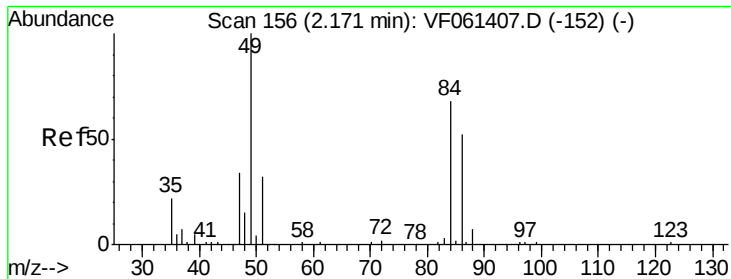
500

0

Time-->

2.20 2.30





#20

Methylene Chloride

Concen: 4.277 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. 0.00 min

Lab File: VF061447.D

Acq: 17 Jan 2019 16:24

Instrument :

MSVOA_F

ClientSampleId :

S1-FRONT-HOUSE-7

Tot Ion: 84 Resp: 8735

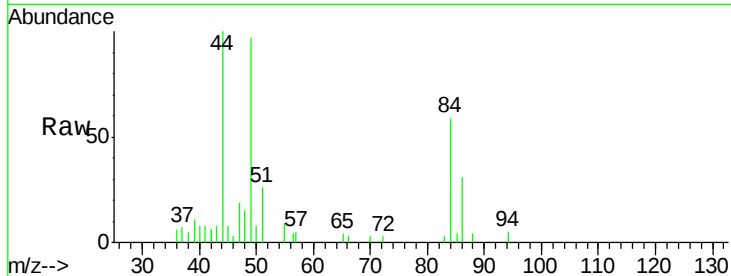
Ion Ratio Lower Upper

84 100

49 164.5 120.0 180.0

51 44.8 38.6 58.0

86 52.5 61.0 91.6#

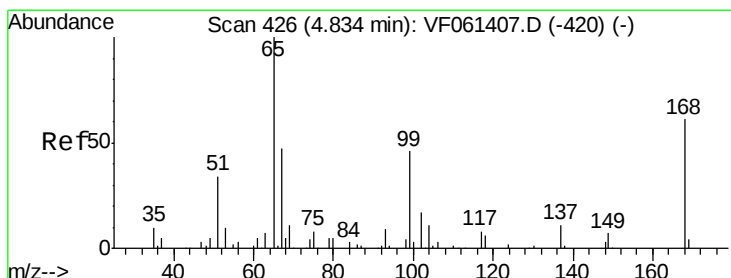
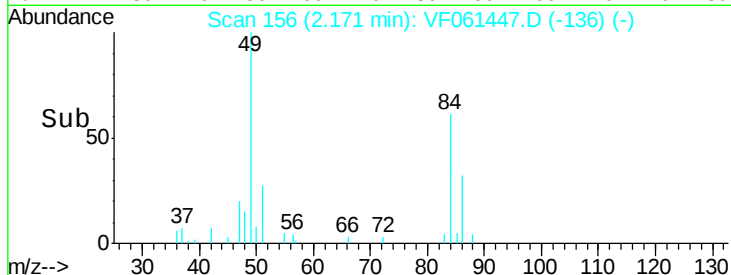
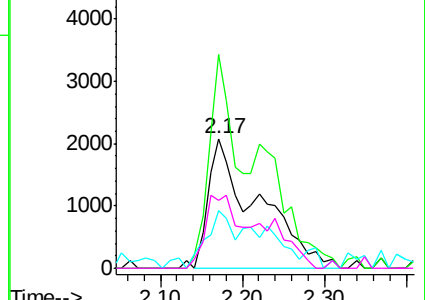


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 44.925 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.01 min

Lab File: VF061447.D

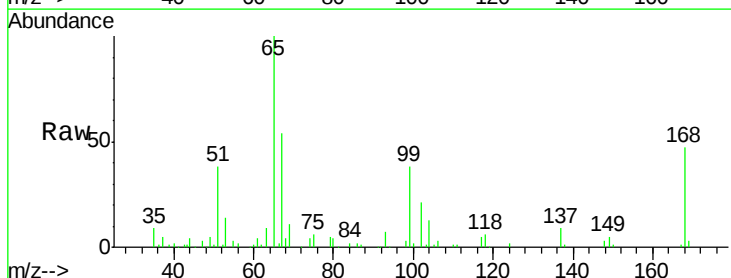
Acq: 17 Jan 2019 16:24

Tgt Ion: 65 Resp: 97934

Ion Ratio Lower Upper

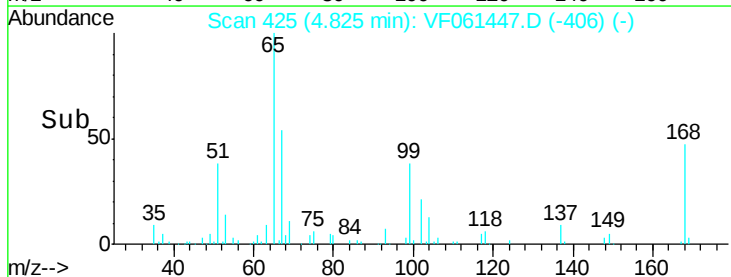
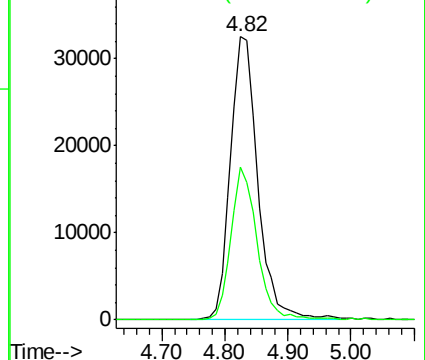
65 100

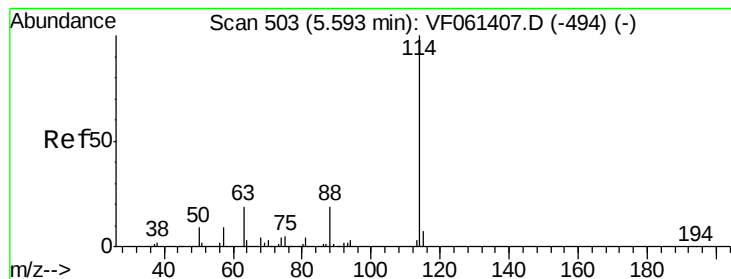
67 54.1 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061447.D

Acq: 17 Jan 2019 16:24

Instrument :

MSVOA_F

ClientSampleId :

S1-FRONT-HOUSE-7

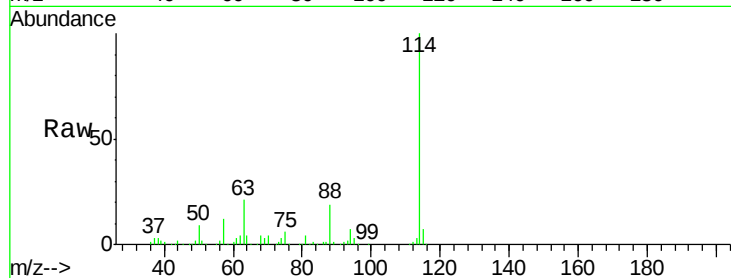
Tot Ion:114 Resp: 309470

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

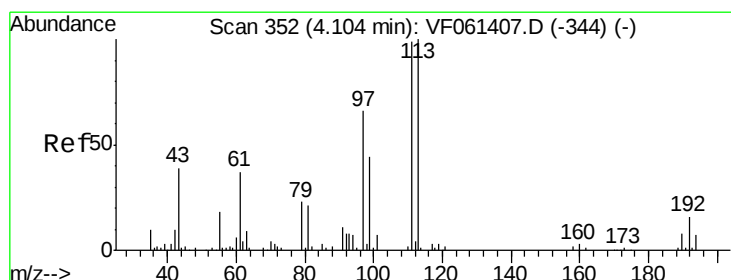
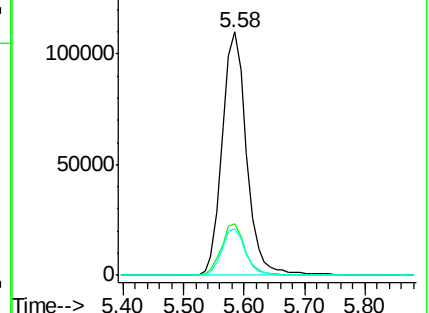
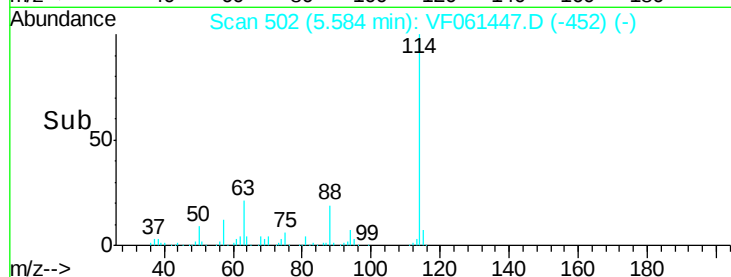
88 19.0 0.0 37.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 56.626 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF061447.D

Acq: 17 Jan 2019 16:24

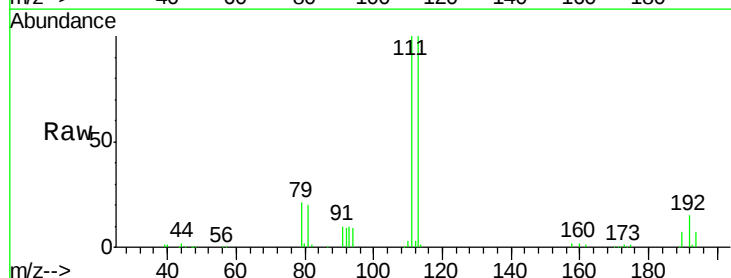
Tgt Ion:113 Resp: 138279

Ion Ratio Lower Upper

113 100

111 99.9 79.4 119.0

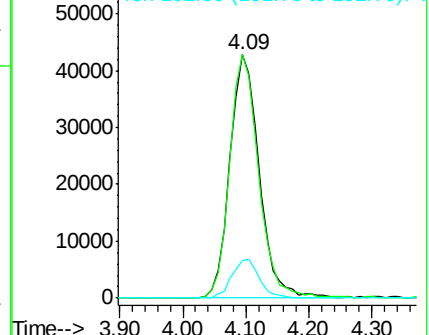
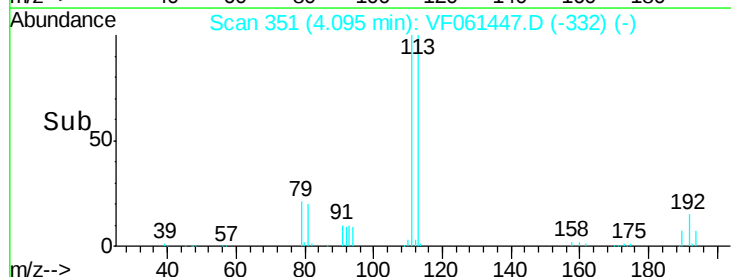
192 15.3 12.4 18.6

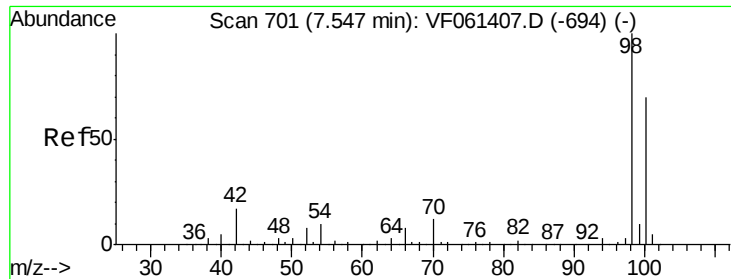


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 55.746 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.01 min

Lab File: VF061447.D

Acq: 17 Jan 2019 16:24

Instrument :

MSVOA_F

ClientSampleId :

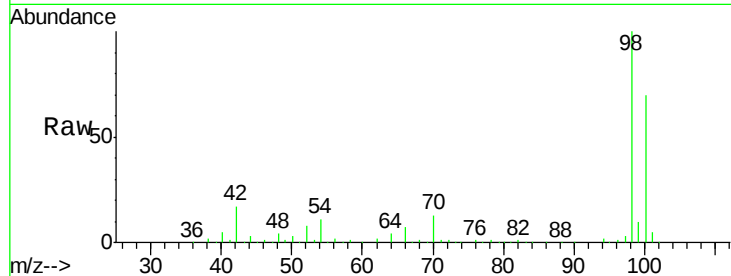
S1-FRONT-HOUSE-7

Tot Ion: 98 Resp: 372974

Ion Ratio Lower Upper

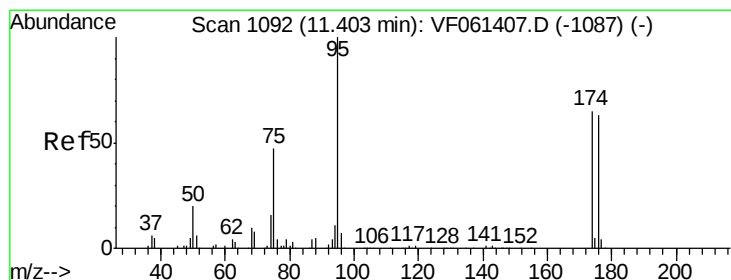
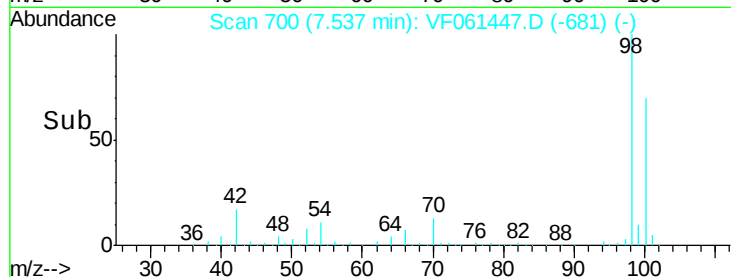
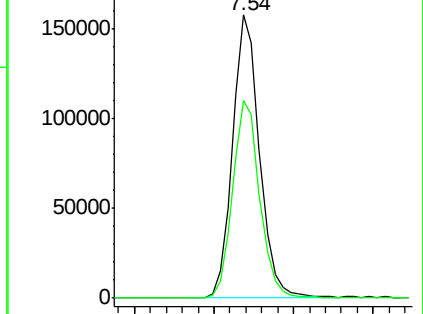
98 100

100 70.0 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: 46.991 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VF061447.D

Acq: 17 Jan 2019 16:24

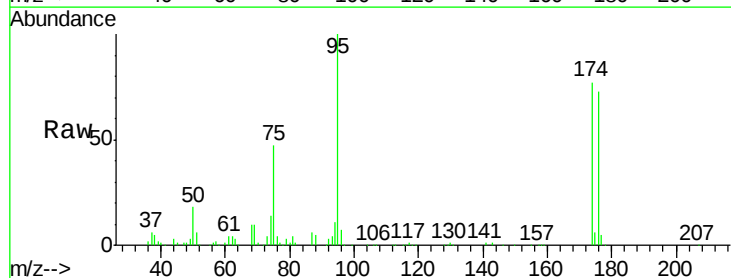
Tgt Ion: 95 Resp: 146895

Ion Ratio Lower Upper

95 100

174 77.4 0.0 130.4

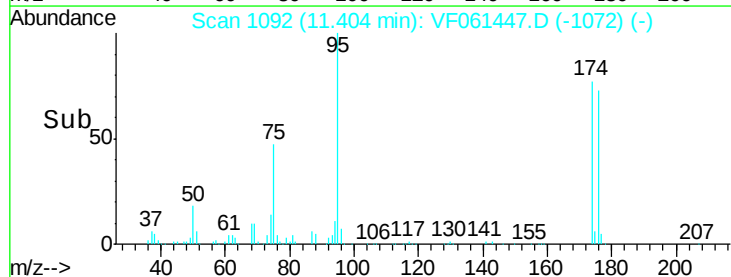
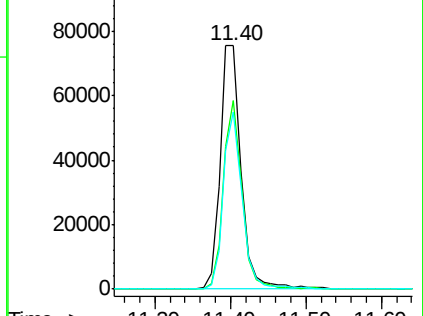
176 72.9 0.0 126.2

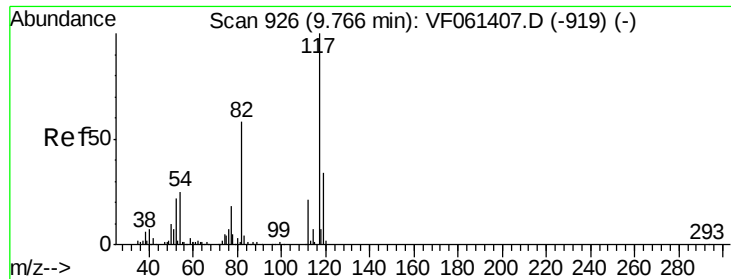


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

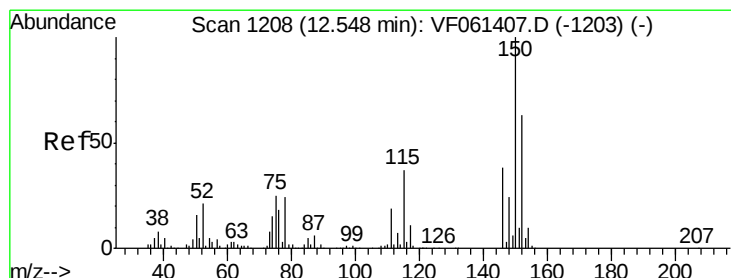
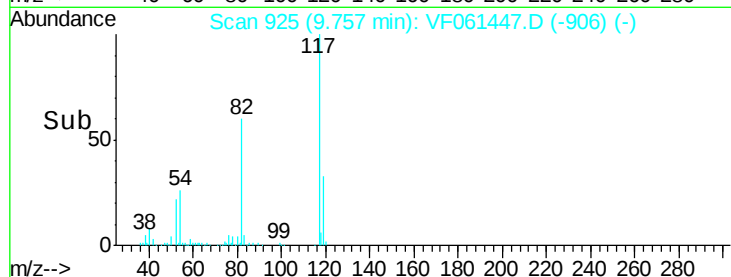
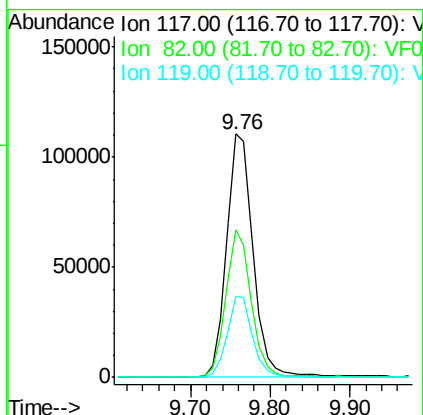
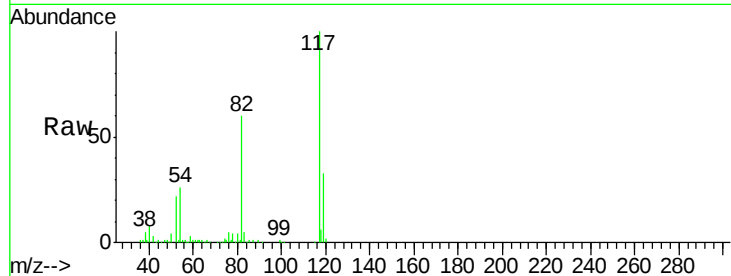




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VF061447.D
Acq: 17 Jan 2019 16:24

Instrument :
MSVOA_F
ClientSampleId :
S1-FRONT-HOUSE-7

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	46.4	69.6
119	33.4	27.2	40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061447.D
Acq: 17 Jan 2019 16:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.6	30.0	90.0
150	158.6	0.0	321.4

