

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061215.D
 Acq On : 27 Dec 2018 18:36
 Operator : VA/AP
 Sample : J6498-01
 Misc : 5.43g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-1218-S-DH-9-T

Quant Time: Dec 28 00:12:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	20100	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	27239	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.75	117	14599	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	3350	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	6718	25.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	51.98%	
35) Dibromofluoromethane	4.09	113	8360	38.31	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	76.62%	
50) Toluene-d8	7.53	98	25630	41.45	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	82.90%	
62) 4-Bromofluorobenzene	11.40	95	5475	19.21	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	38.42%	

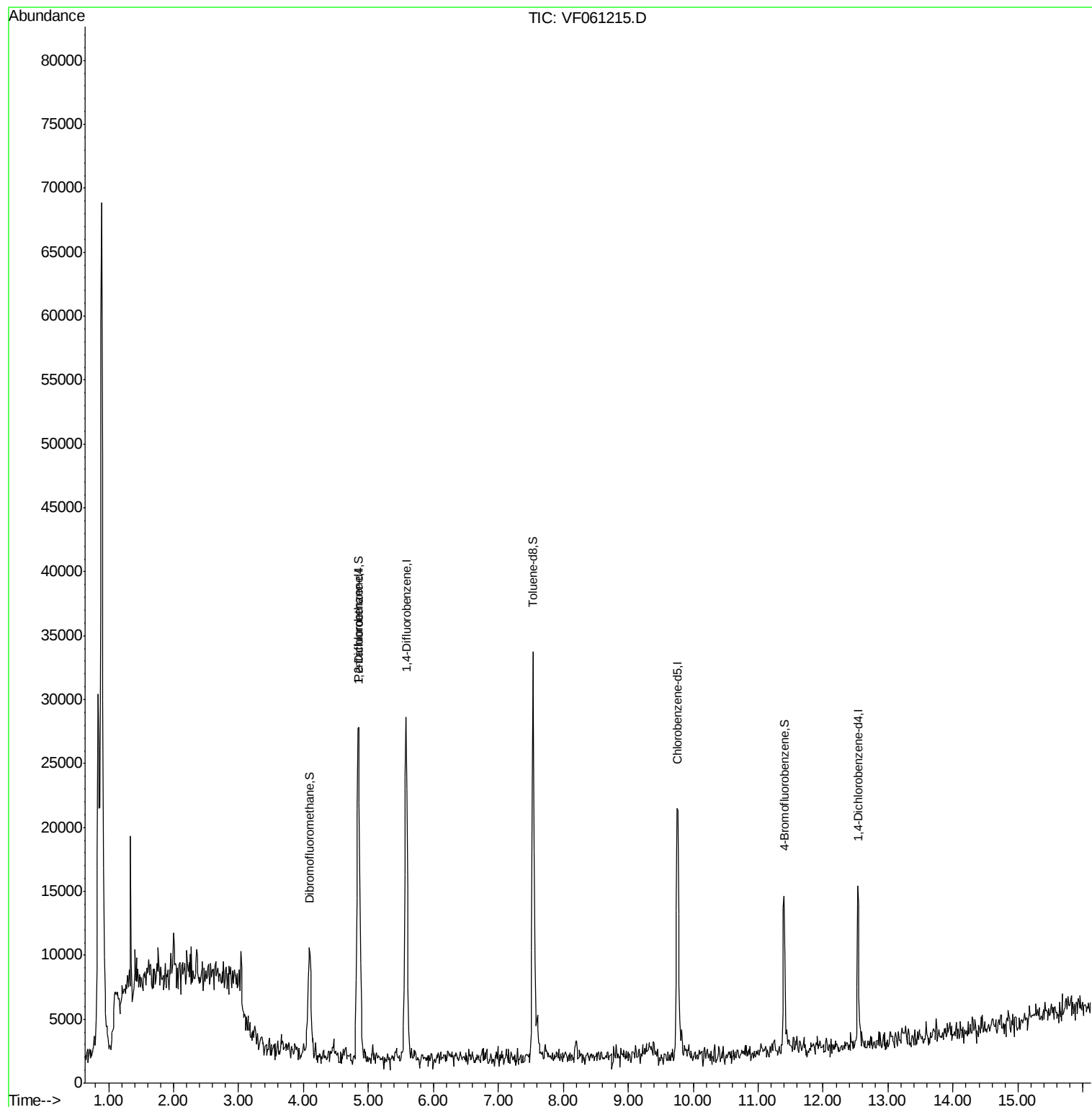
Target Compounds	Qvalue

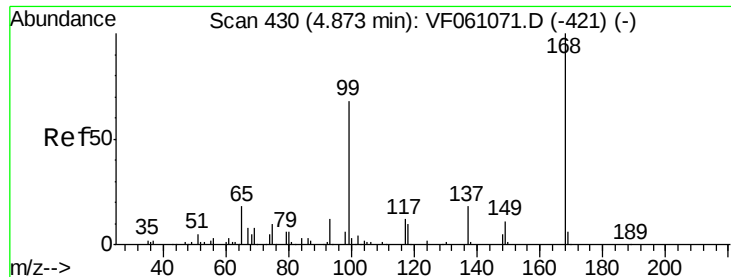
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122718\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061215.D

Acq: 27 Dec 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

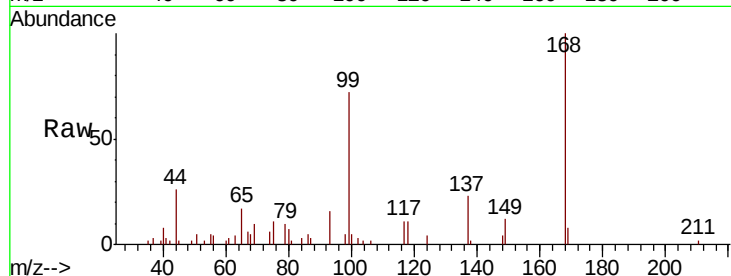
SSSI-1218-S-DH-9-T

Tot Ion:168 Resp: 20100

Ion Ratio Lower Upper

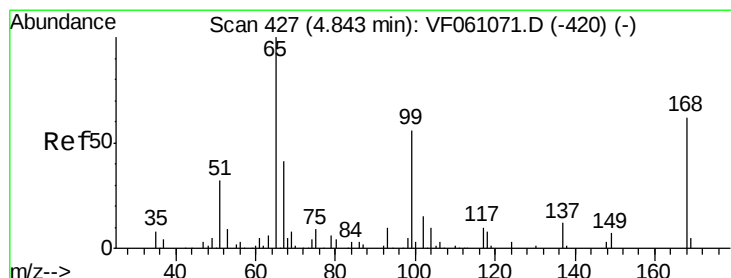
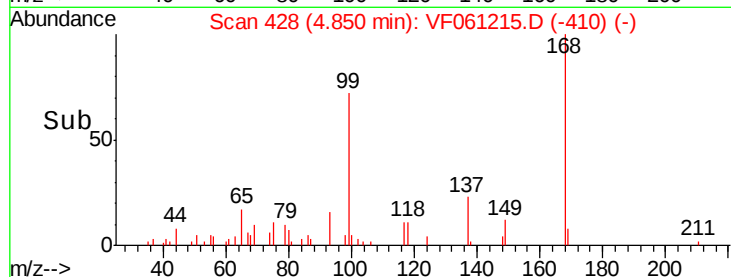
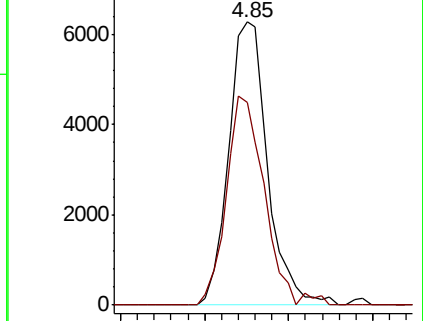
168 100

99 71.8 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 25.986 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061215.D

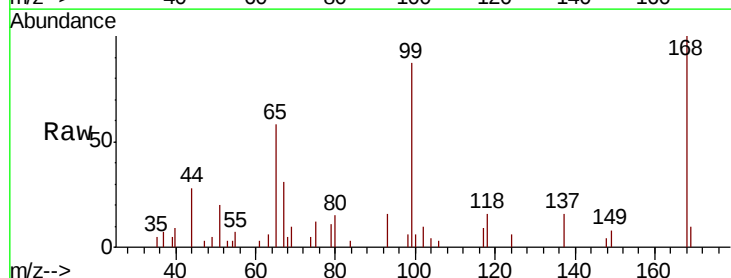
Acq: 27 Dec 2018 18:36

Tgt Ion: 65 Resp: 6718

Ion Ratio Lower Upper

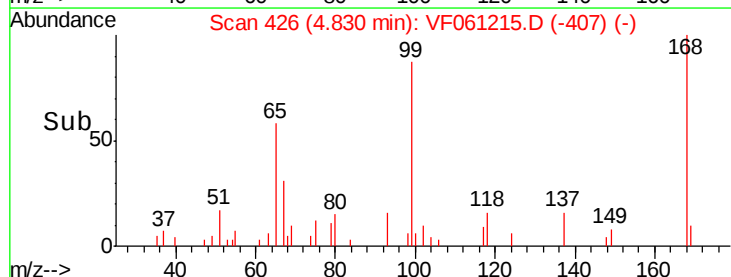
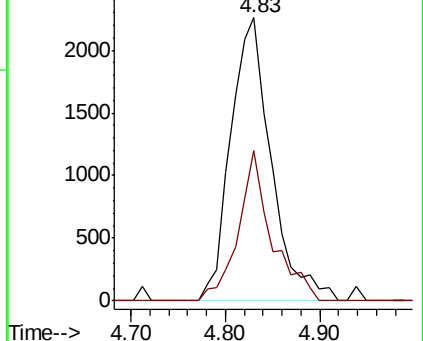
65 100

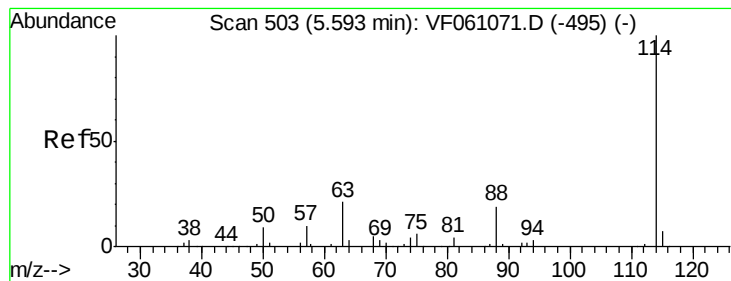
67 53.3 0.0 94.6



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: VF061215.D

Acq: 27 Dec 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-T

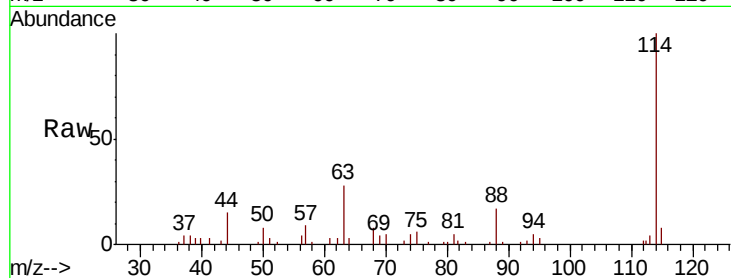
Tot Ion:114 Resp: 27239

Ion Ratio Lower Upper

114 100

63 28.0 0.0 41.6

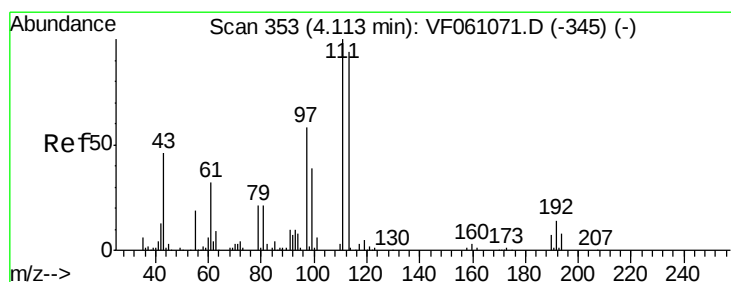
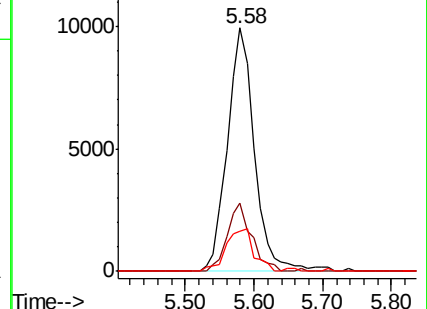
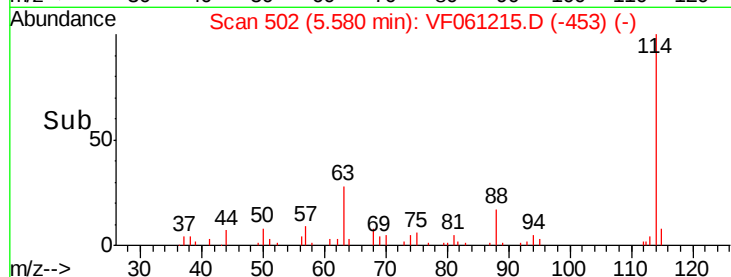
88 16.6 0.0 38.0



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: 38.313 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061215.D

Acq: 27 Dec 2018 18:36

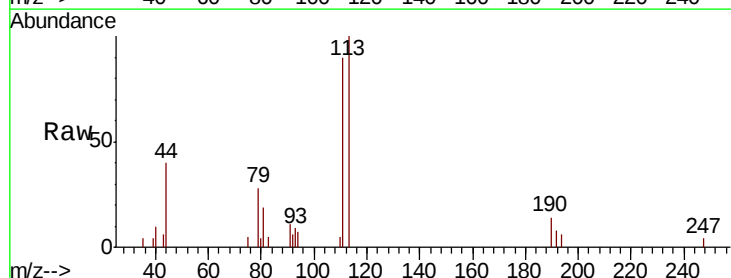
Tgt Ion:113 Resp: 8360

Ion Ratio Lower Upper

113 100

111 89.5 85.2 127.8

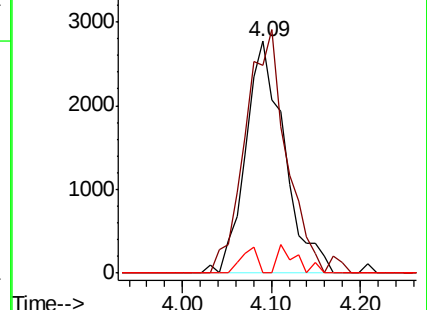
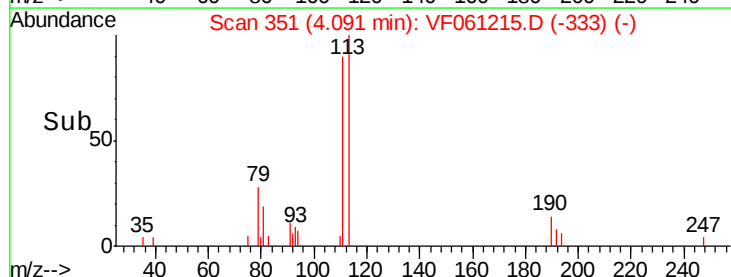
192 0.0 12.8 19.2#

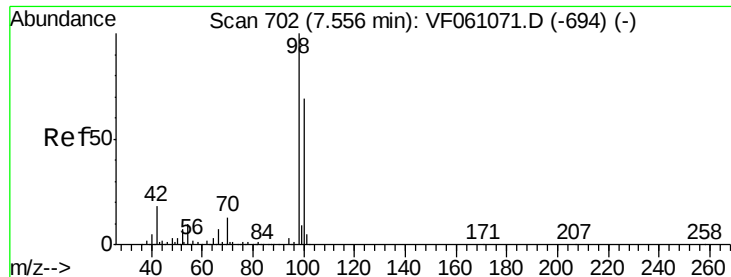


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 41.449 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF061215.D

Acq: 27 Dec 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

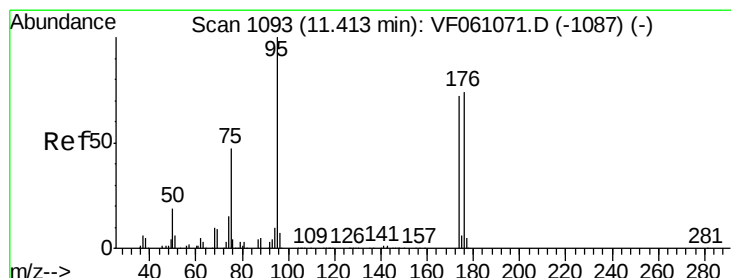
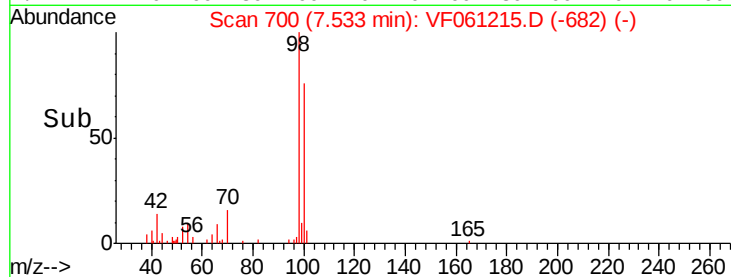
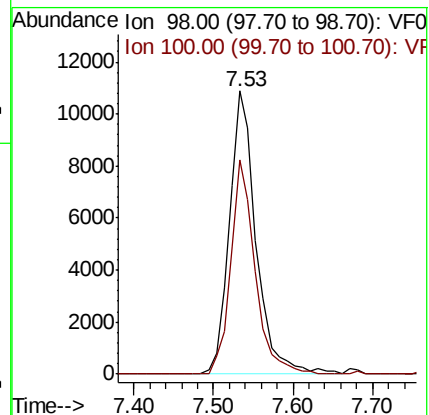
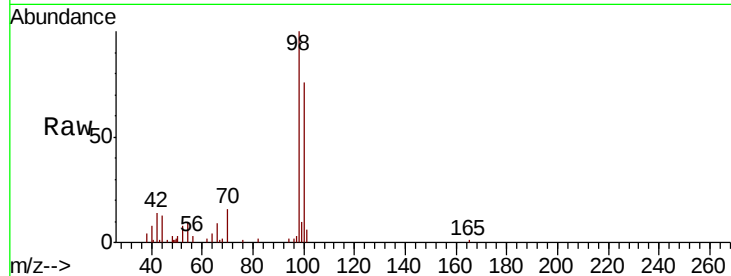
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Tot Ion: 98 Resp: 25630

Ion Ratio Lower Upper

98 100

100 75.6 55.3 82.9



#62

4-Bromofluorobenzene

Concen: 19.206 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061215.D

Acq: 27 Dec 2018 18:36

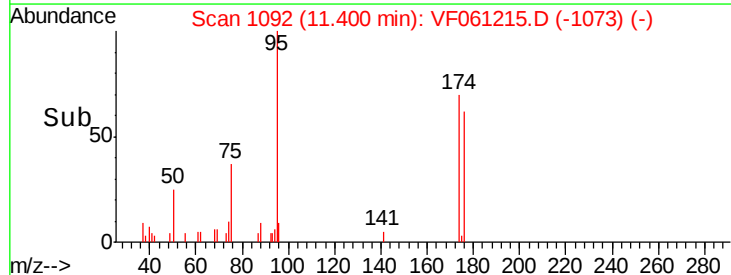
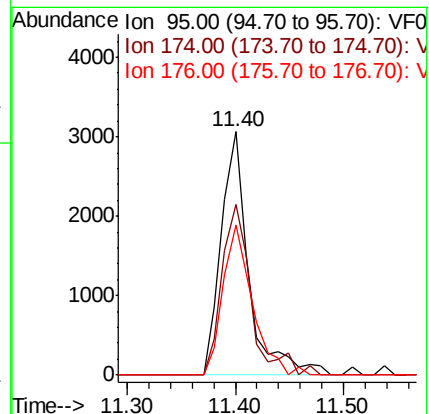
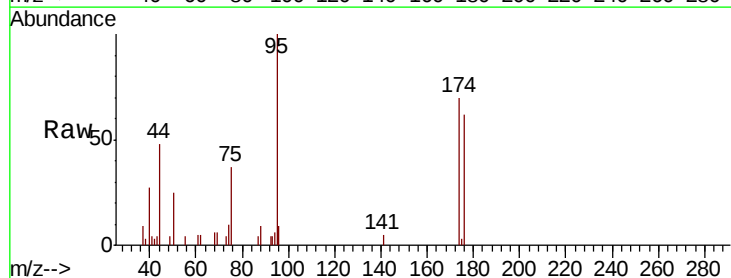
Tgt Ion: 95 Resp: 5475

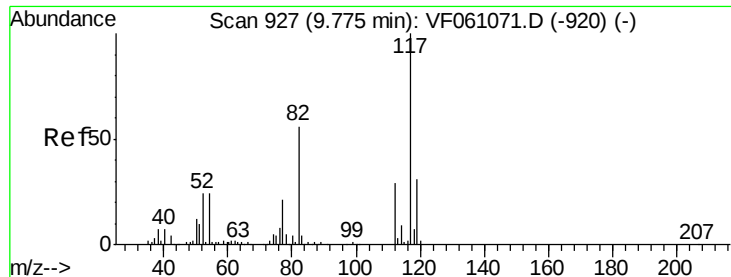
Ion Ratio Lower Upper

95 100

174 70.2 0.0 143.8

176 61.7 0.0 147.6

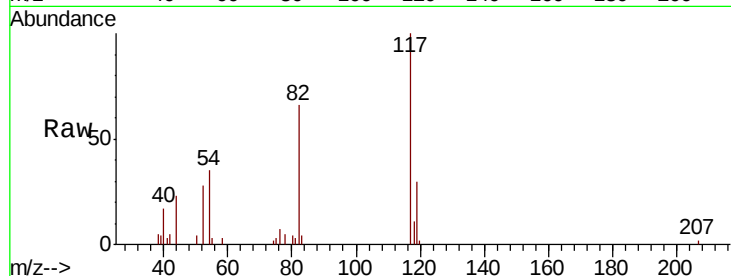




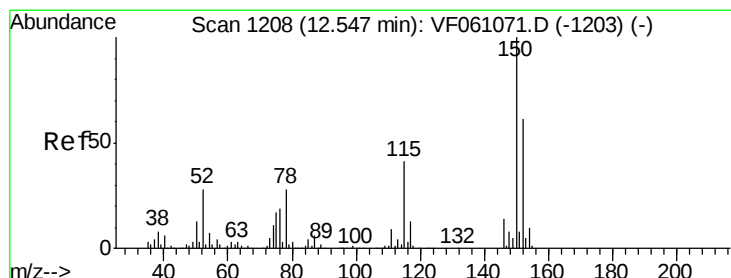
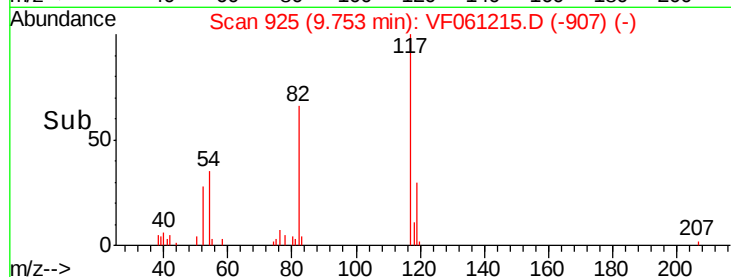
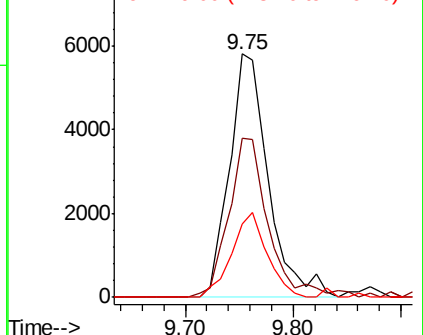
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061215.D
Acq: 27 Dec 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
SSSI-1218-S-DH-9-T

Tot Ion	117	Resp	14599
Ion Ratio	100	Lower	Upper
82	65.5	45.0	67.4
119	30.4	24.8	37.2

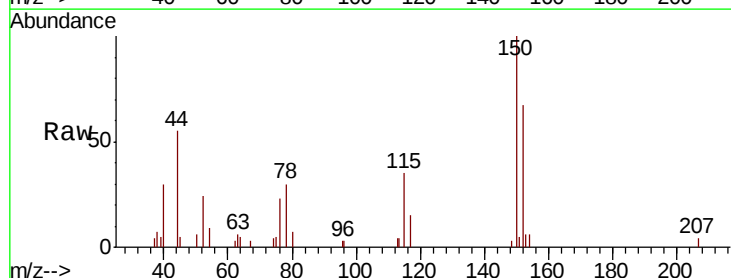


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061215.D
Acq: 27 Dec 2018 18:36

Tgt Ion	152	Resp	3350
Ion Ratio	100	Lower	Upper
115	52.0	33.3	99.9
150	148.4	0.0	328.2



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

