

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
 Data File : VF061165.D
 Acq On : 24 Dec 2018 15:12
 Operator : VA/AP
 Sample : J6511-04RE
 Misc : 2.38g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-60(0-5)-GRABRE

Quant Time: Dec 25 00:32:24 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	4.88	168	6683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	8538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	1714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	63	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	2066	24.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.08%	
35) Dibromofluoromethane	4.11	113	3420	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	7.56	98	5635	29.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.14%	
62) 4-Bromofluorobenzene	11.41	95	239	2.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	5.34%	

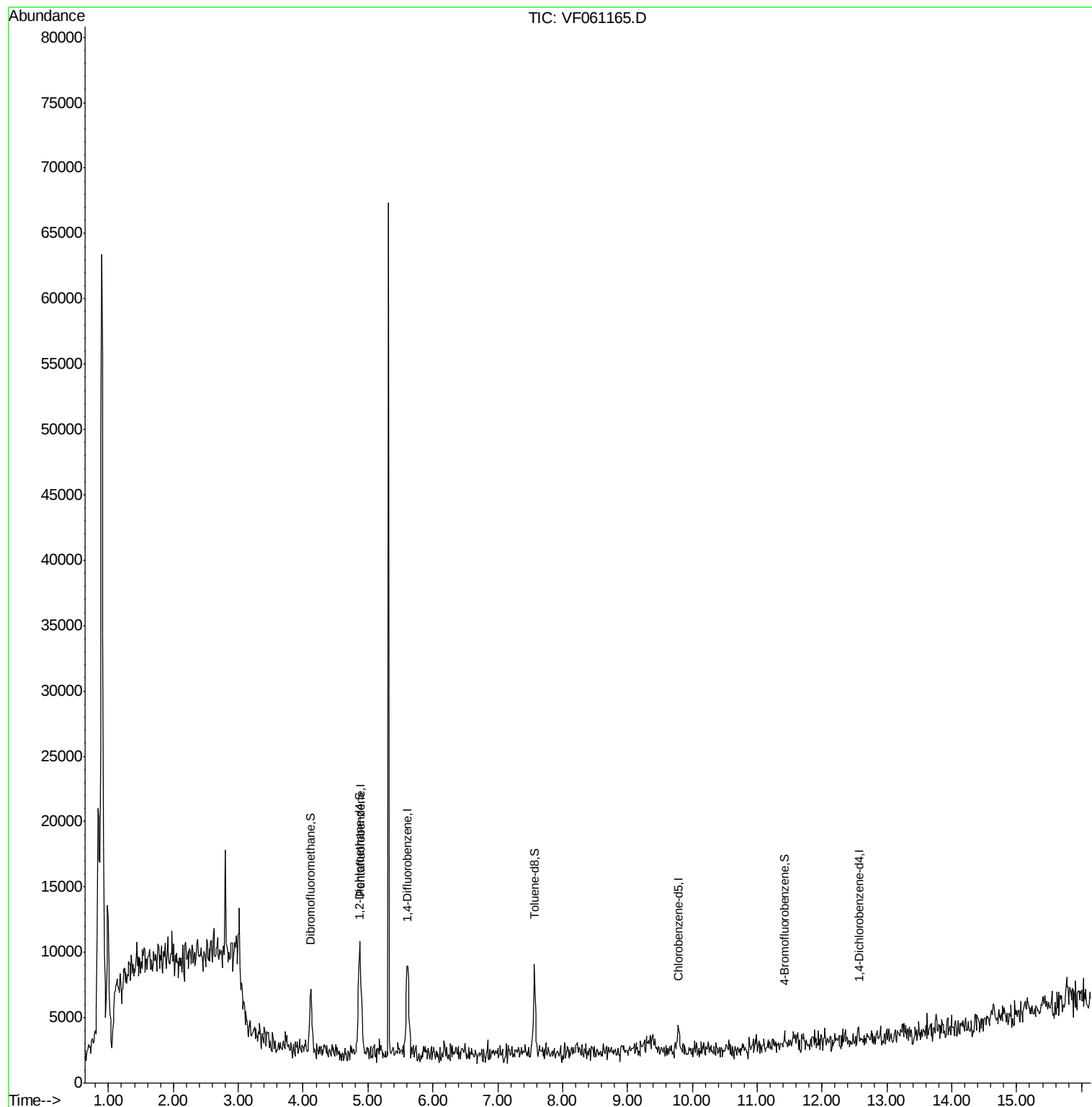
Target Compounds	Qvalue

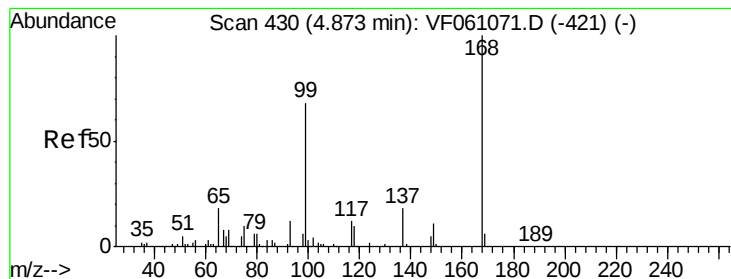
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061165.D

Acq: 24 Dec 2018 15:12

Instrument :

MSVOA_F

ClientSampleId :

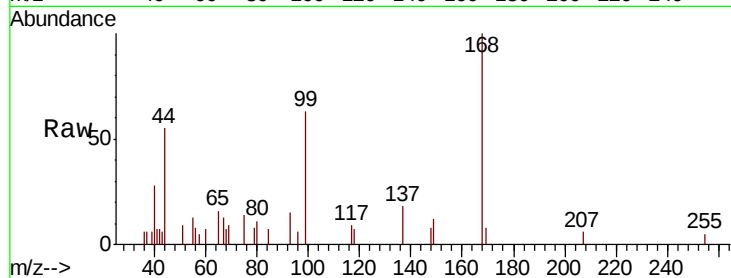
SB-60(0-5)-GRABRE

Tot Ion:168 Resp: 6683

Ion Ratio Lower Upper

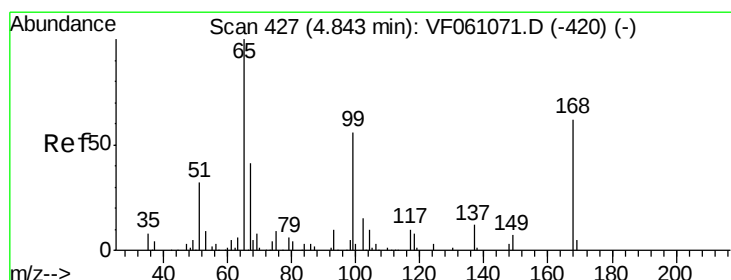
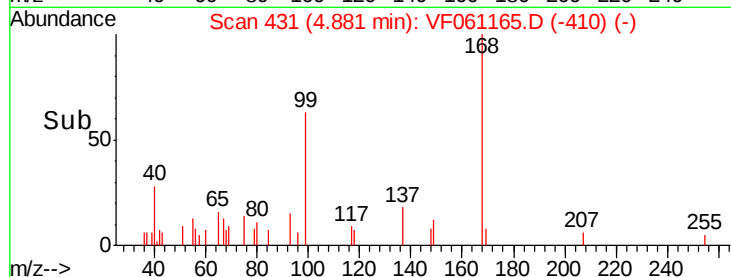
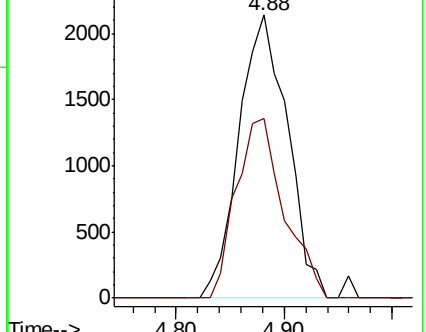
168 100

99 63.4 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: 24.036 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.01 min

Lab File: VF061165.D

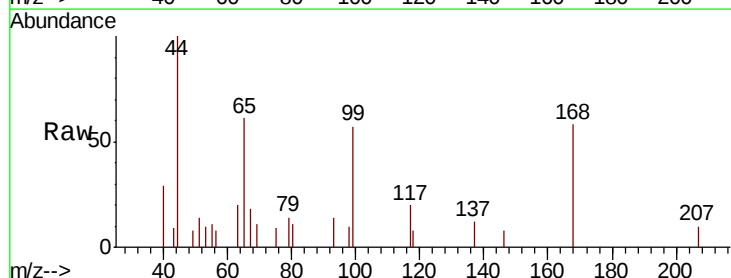
Acq: 24 Dec 2018 15:12

Tgt Ion: 65 Resp: 2066

Ion Ratio Lower Upper

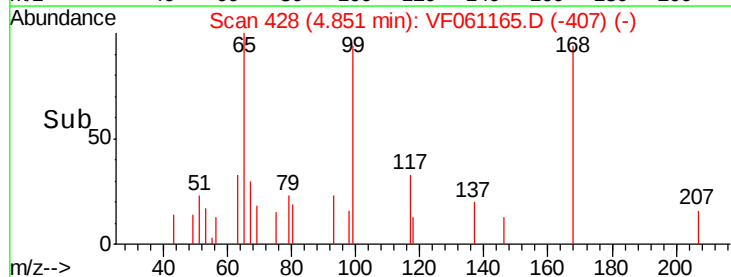
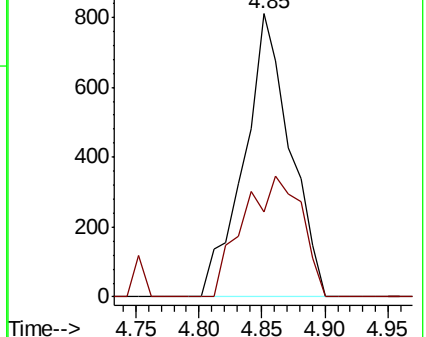
65 100

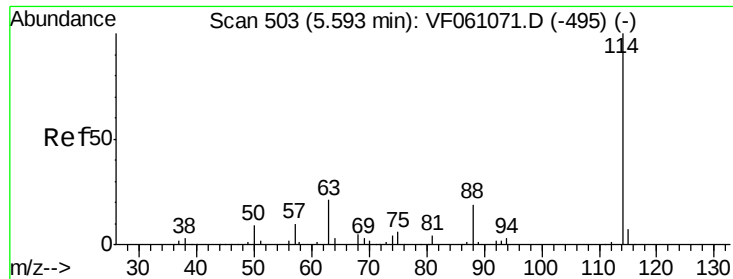
67 30.0 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

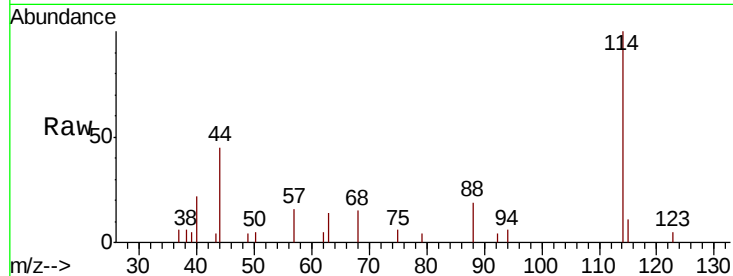




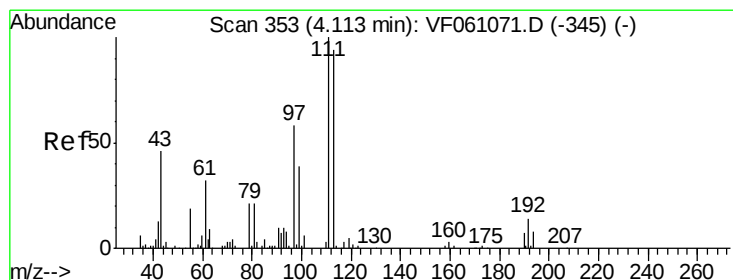
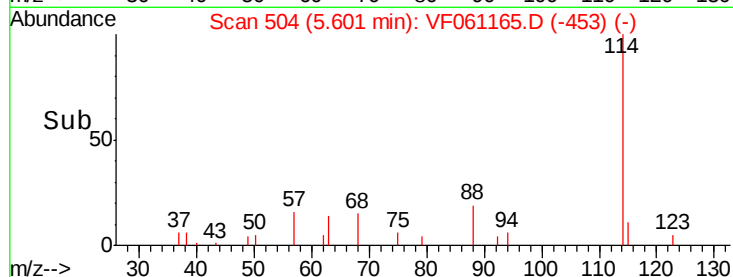
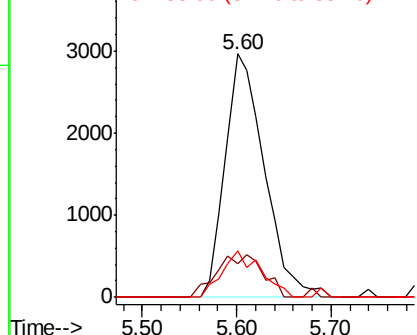
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061165.D
 Acq: 24 Dec 2018 15:12

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-60(0-5)-GRABRE

Tot Ion:114 Resp: 8538
 Ion Ratio Lower Upper
 114 100
 63 14.1 0.0 41.6
 88 18.8 0.0 38.0

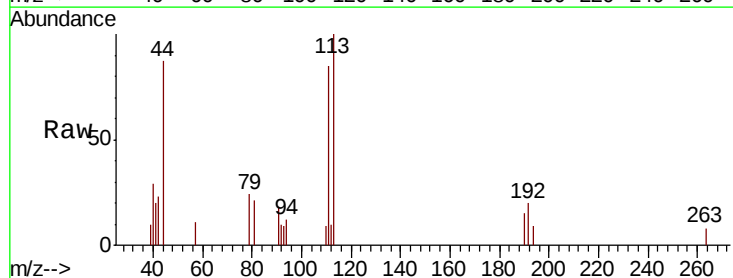


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

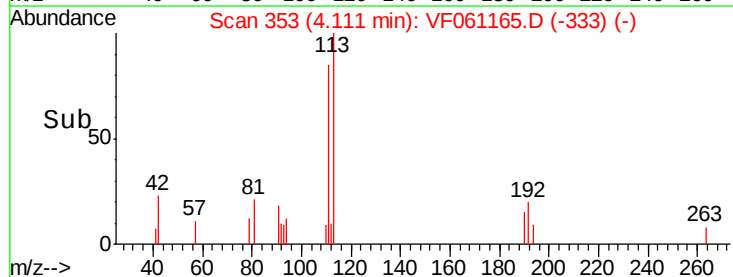
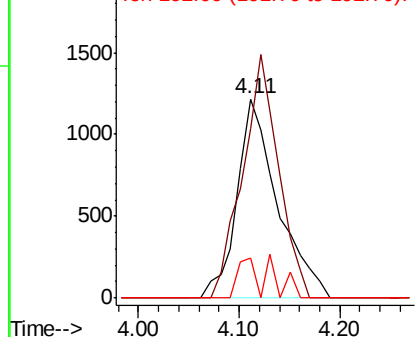


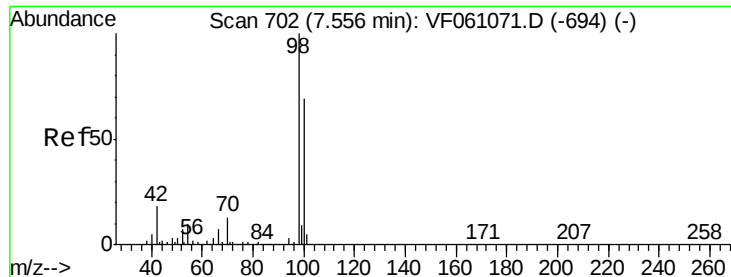
#35
 Dibromofluoromethane
 Concen: 50.004 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VF061165.D
 Acq: 24 Dec 2018 15:12

Tgt Ion:113 Resp: 3420
 Ion Ratio Lower Upper
 113 100
 111 85.0 85.2 127.8#
 192 20.2 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: 29.073 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF061165.D

Acq: 24 Dec 2018 15:12

Instrument :

MSVOA_F

ClientSampleId :

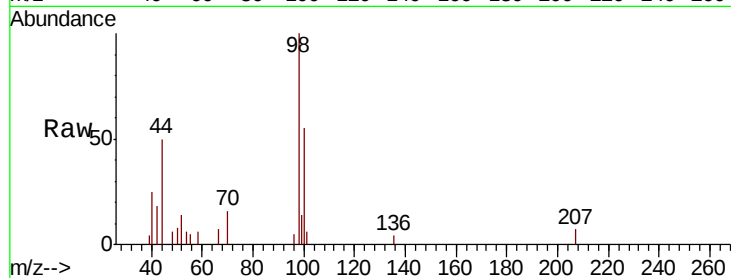
SB-60(0-5)-GRABRE

Tot Ion: 98 Resp: 5635

Ion Ratio Lower Upper

98 100

100 55.4 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

3000

2500

2000

1500

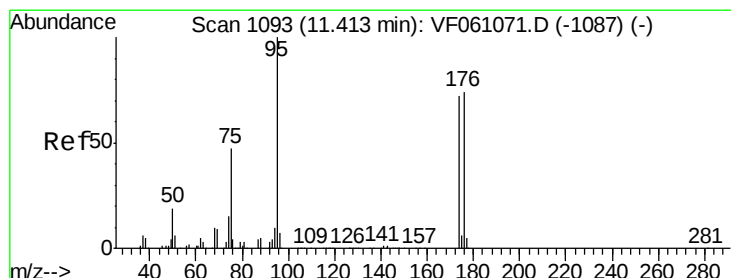
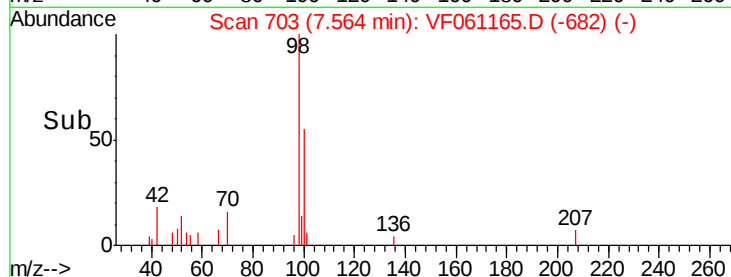
1000

500

0

7.50 7.55 7.60 7.65

Time-->



#62

4-Bromofluorobenzene

Concen: 2.675 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF061165.D

Acq: 24 Dec 2018 15:12

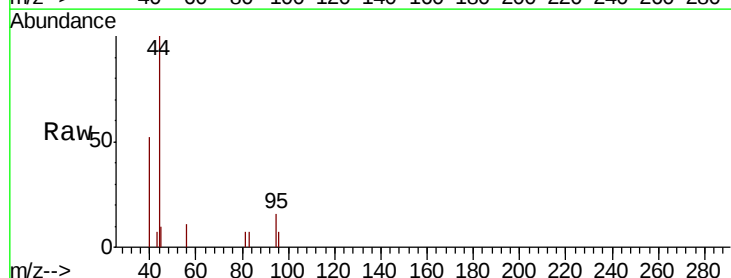
Tgt Ion: 95 Resp: 239

Ion Ratio Lower Upper

95 100

174 0.0 0.0 143.8

176 0.0 0.0 147.6



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

300

250

200

150

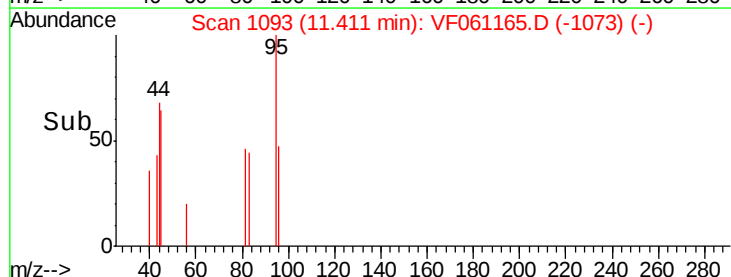
100

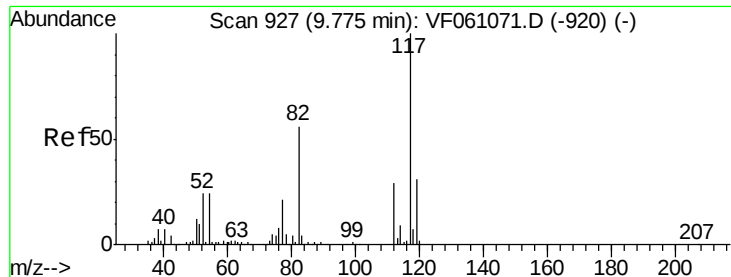
50

0

11.40 11.41 11.42 11.43 11.44 11.45

Time-->

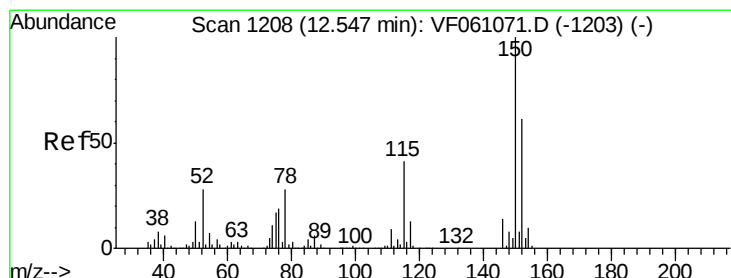
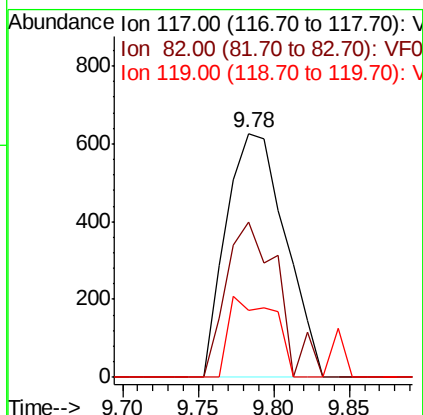
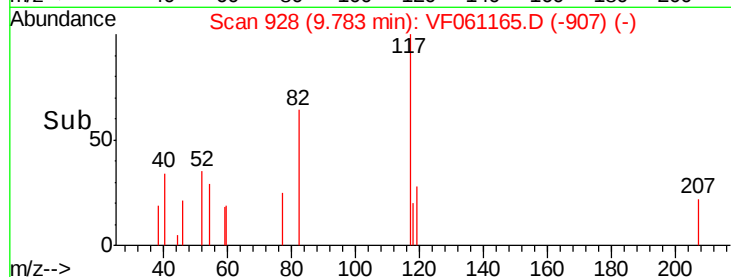
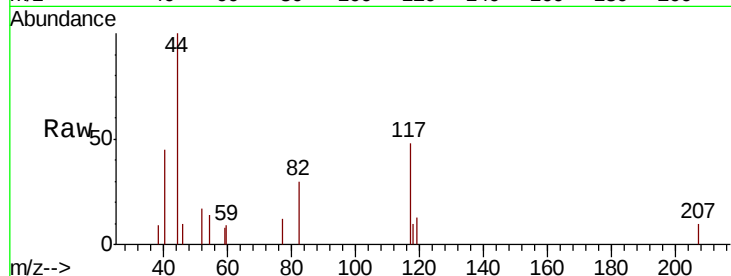




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061165.D
Acq: 24 Dec 2018 15:12

Instrument :
MSVOA_F
ClientSampleId :
SB-60(0-5)-GRABRE

Tot Ion:117 Resp: 1714
Ion Ratio Lower Upper
117 100
82 63.7 45.0 67.4
119 27.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061165.D
Acq: 24 Dec 2018 15:12

Tgt Ion:152 Resp: 63
Ion Ratio Lower Upper
152 100
115 0.0 33.3 99.9#
150 0.0 0.0 328.2

