

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122818\
 Data File : VF061229.D
 Acq On : 28 Dec 2018 11:58
 Operator : VA/AP
 Sample : J6498-05RE
 Misc : 5.11g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-1218-S-AB-6RE

Quant Time: Dec 29 06:22:10 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	198337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	354142	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	245259	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	77117	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	112298	44.02	ug/l	0.02
Spiked Amount	50.000		Recovery	=	88.04%	
35) Dibromofluoromethane	4.13	113	134245	47.32	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	7.56	98	314163	39.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.16%	
62) 4-Bromofluorobenzene	11.42	95	95558	25.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.56%	

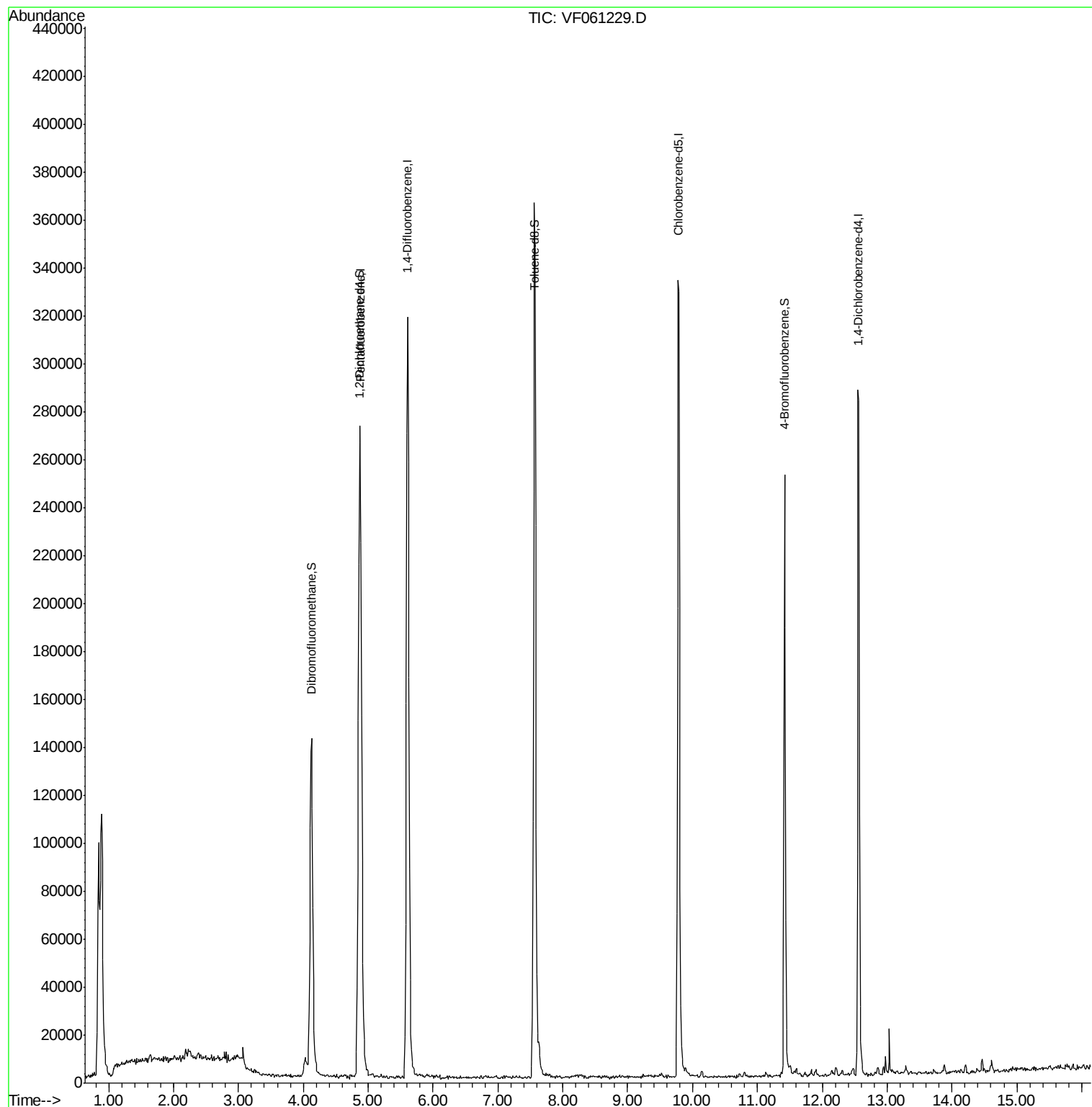
Target Compounds	Qvalue

(#) = 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

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MSVOA_F

ClientSampleId :

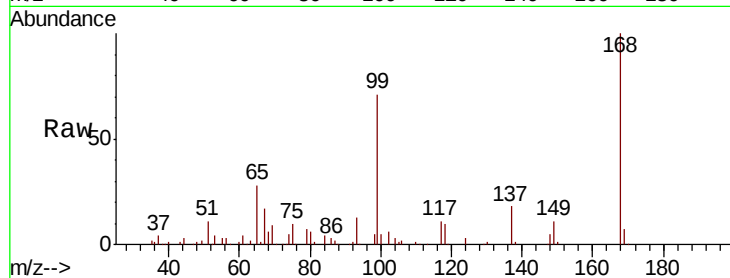
SSSI-1218-S-AB-6RE

Tot Ion:168 Resp: 198337

Ion Ratio Lower Upper

168 100

99 70.6 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

60000

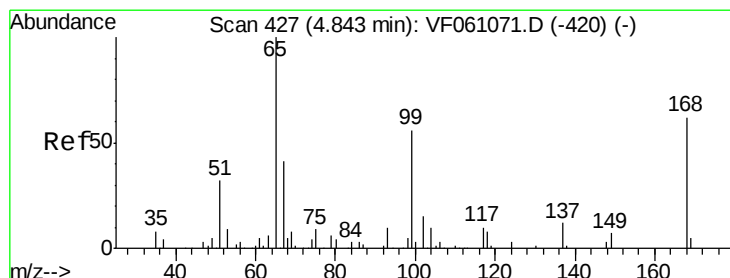
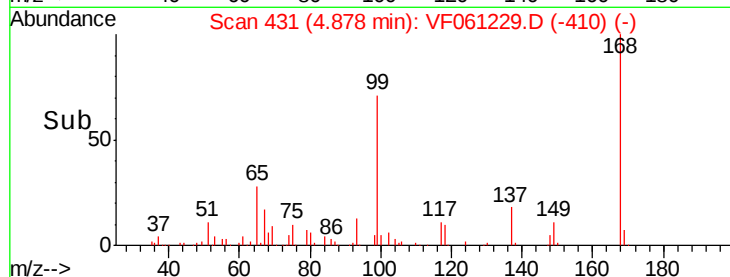
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 44.022 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF061229.D

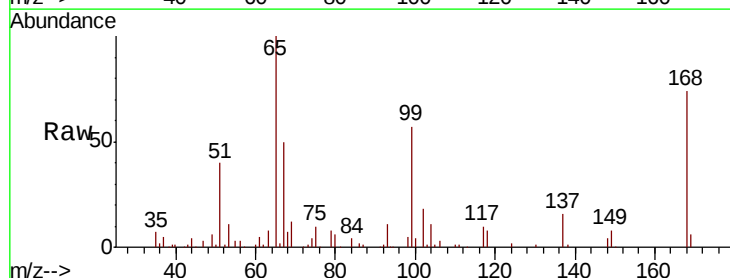
Acq: 28 Dec 2018 11:58

Tgt Ion: 65 Resp: 112298

Ion Ratio Lower Upper

65 100

67 50.0 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

40000

30000

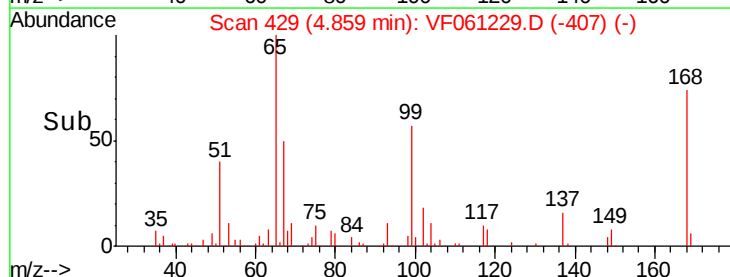
20000

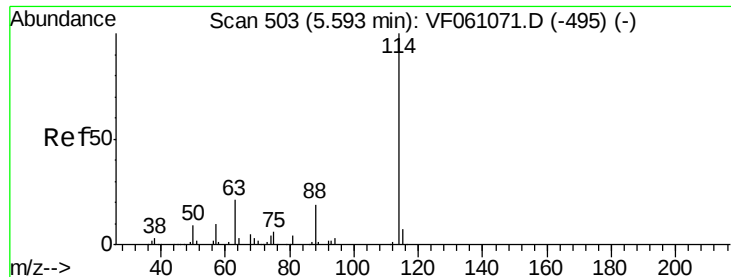
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.02 min

Lab File: VF061229.D

Acq: 28 Dec 2018 11:58

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-AB-6RE

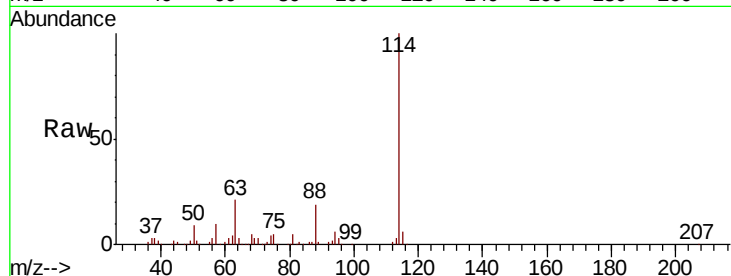
Tot Ion:114 Resp: 354142

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

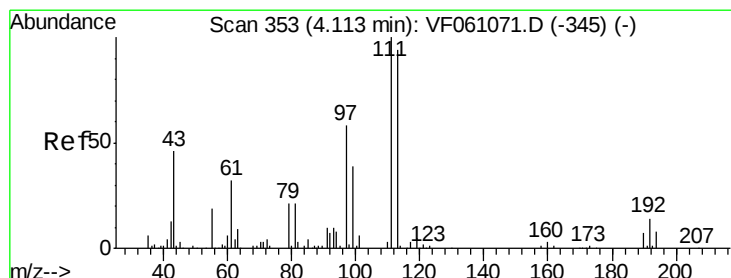
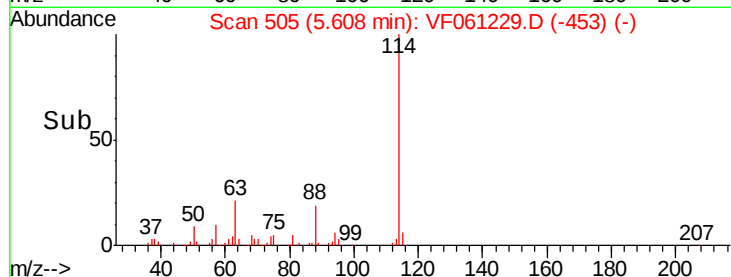
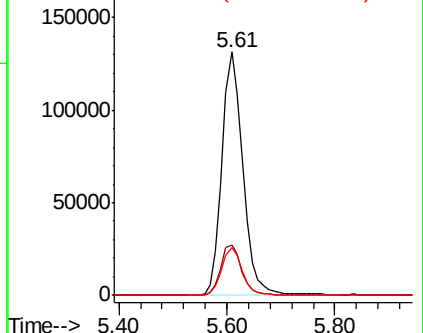
88 19.4 0.0 38.0



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: 47.321 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.02 min

Lab File: VF061229.D

Acq: 28 Dec 2018 11:58

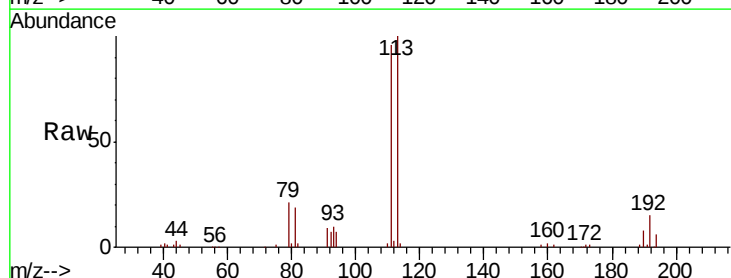
Tgt Ion:113 Resp: 134245

Ion Ratio Lower Upper

113 100

111 96.5 85.2 127.8

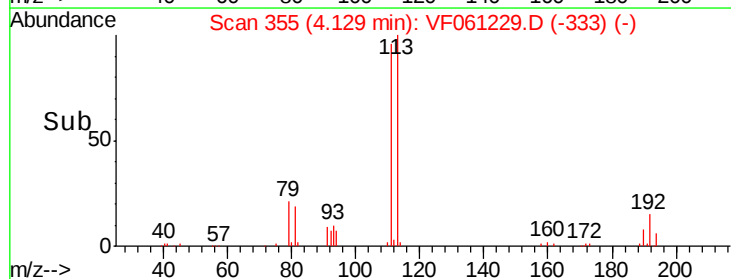
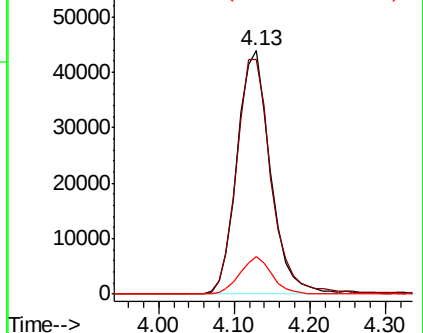
192 15.5 12.8 19.2

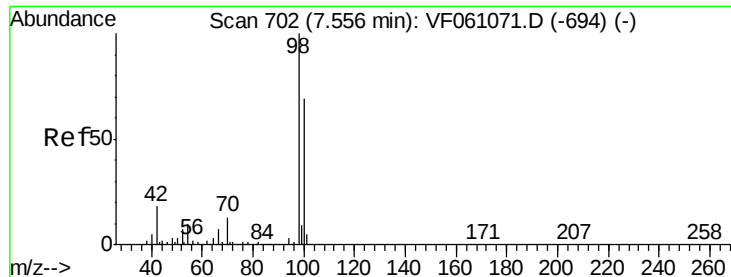


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 39.078 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF061229.D

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Instrument :

MSVOA_F

ClientSampleId :

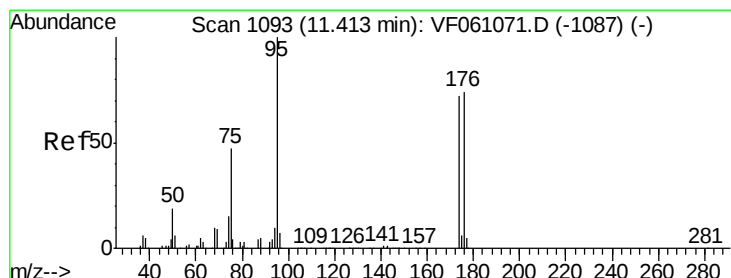
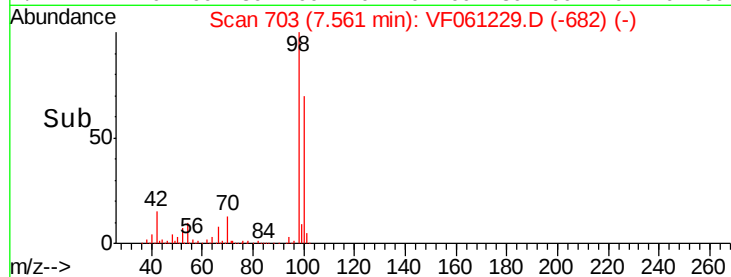
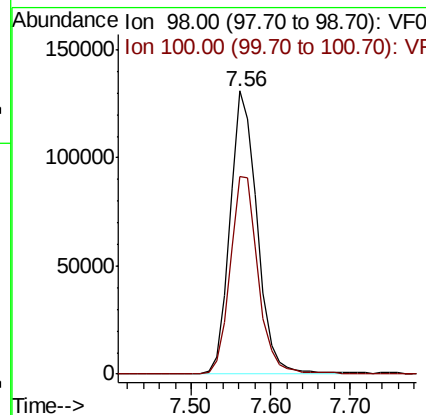
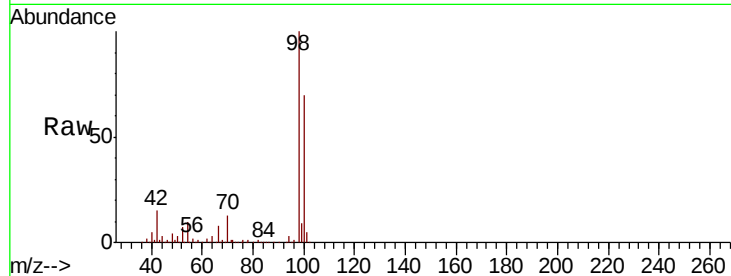
SSSI-1218-S-AB-6RE

Tot Ion: 98 Resp: 314163

Ion Ratio Lower Upper

98 100

100 69.8 55.3 82.9



#62

4-Bromofluorobenzene

Concen: 25.783 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF061229.D

Acq: 28 Dec 2018 11:58

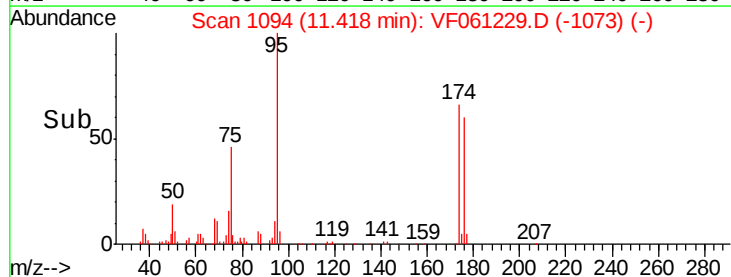
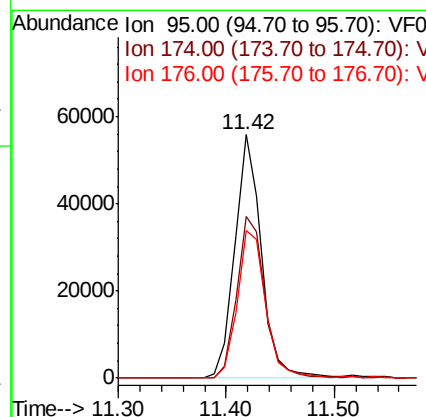
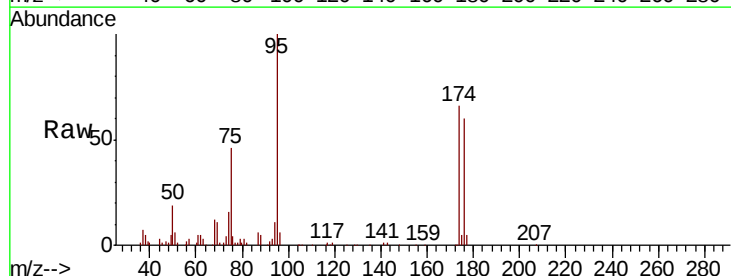
Tgt Ion: 95 Resp: 95558

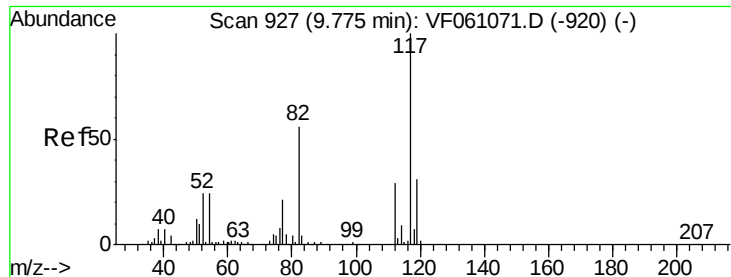
Ion Ratio Lower Upper

95 100

174 66.3 0.0 143.8

176 60.4 0.0 147.6

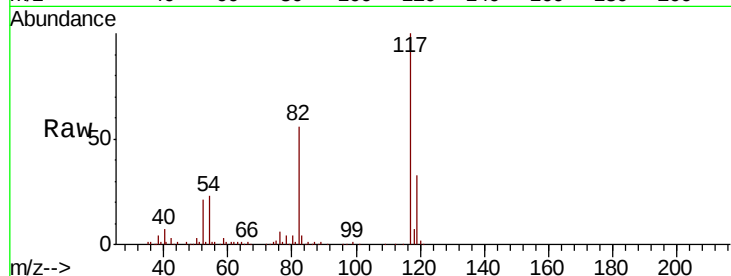




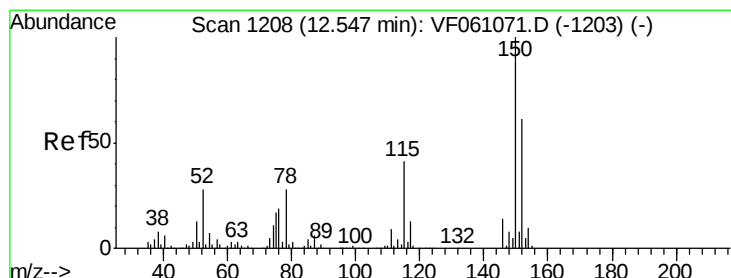
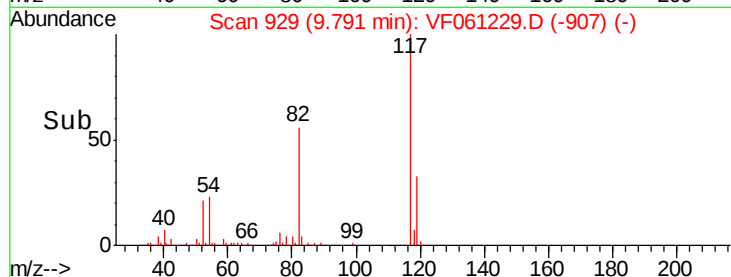
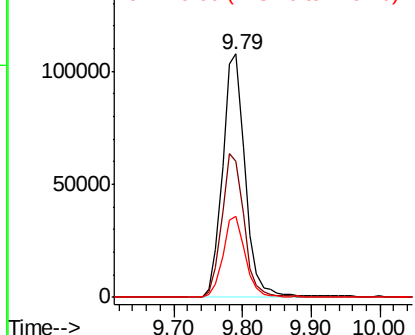
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061229.D
Acq: 28 Dec 2018 11:58

Instrument :
MSVOA_F
ClientSampleId :
SSSI-1218-S-AB-6RE

Tot	Ion:117	Resp:	245259
Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.0	67.4
119	33.2	24.8	37.2

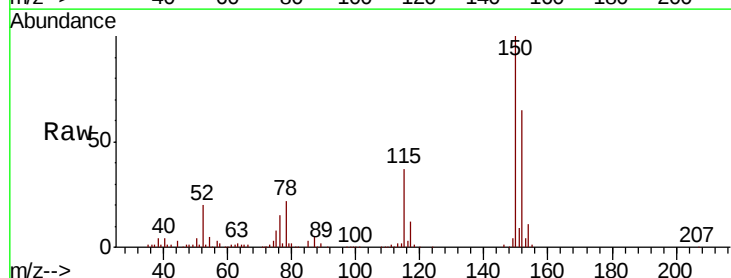


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF061229.D
Acq: 28 Dec 2018 11:58

Tgt	Ion:152	Resp:	77117
Ion	Ratio	Lower	Upper
152	100		
115	56.1	33.3	99.9
150	153.6	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

