

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061881.D
 Acq On : 9 Mar 2019 00:03
 Operator : VA/AP
 Sample : K1787-01RE
 Misc : 4.72g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1RE

Quant Time: Mar 09 03:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	16707	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	20007	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	15036	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	4567	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	3231	26.56	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	53.12%	
35) Dibromofluoromethane	4.11	113	5942	42.56	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.12%	
50) Toluene-d8	7.54	98	23215	55.94	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.88%	
62) 4-Bromofluorobenzene	11.41	95	5711	35.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	70.26%	

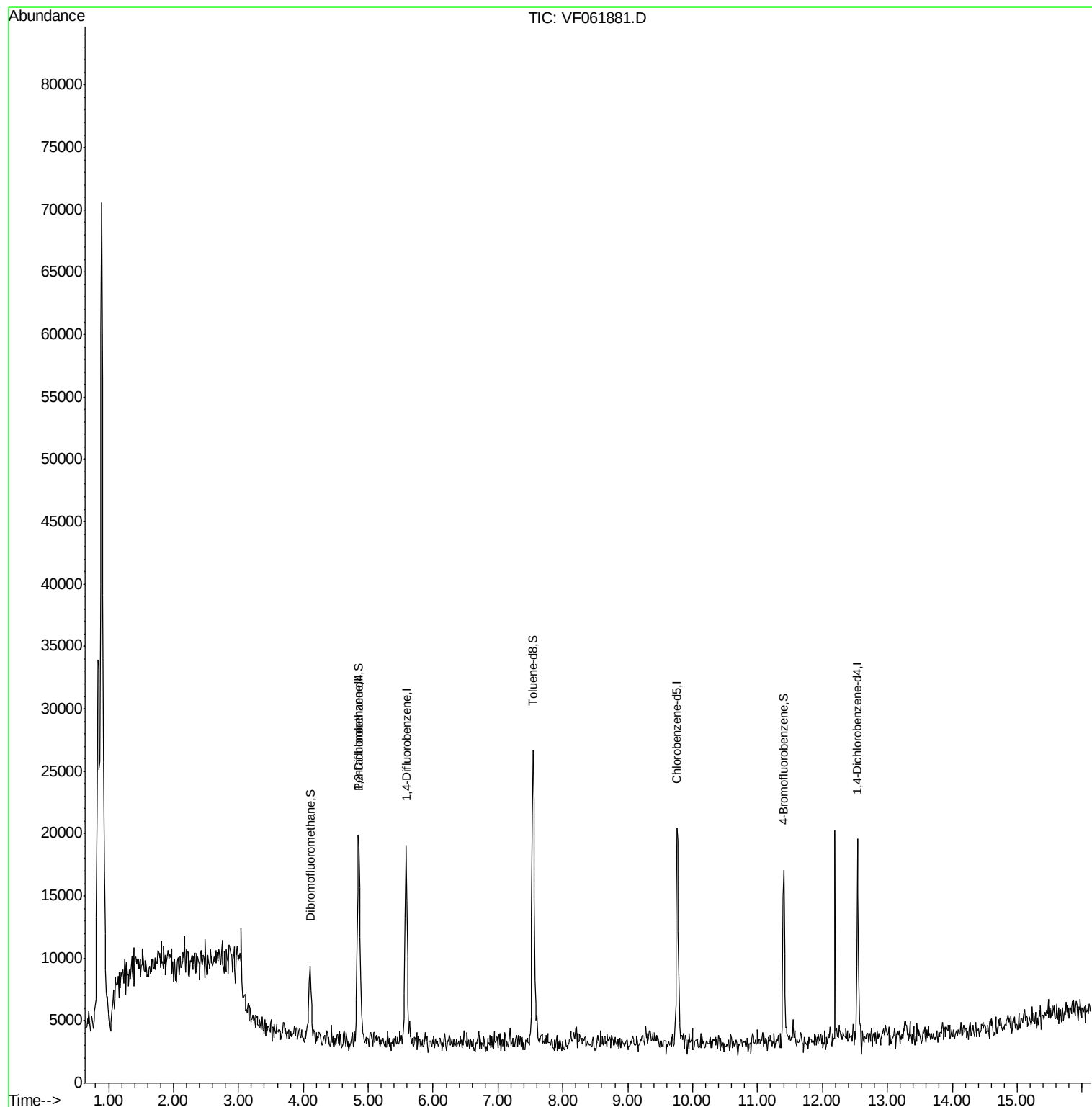
Target Compounds Qvalue

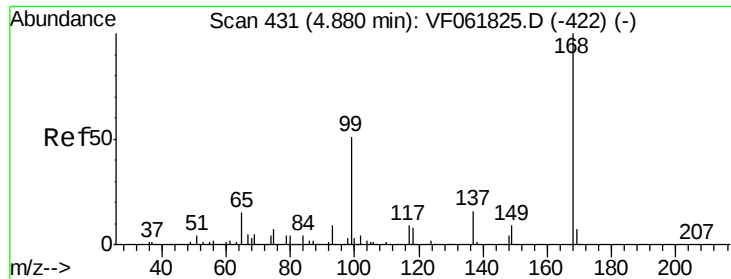
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061881.D

Acq: 9 Mar 2019 00:03

Instrument :

MSVOA_F

ClientSampleId :

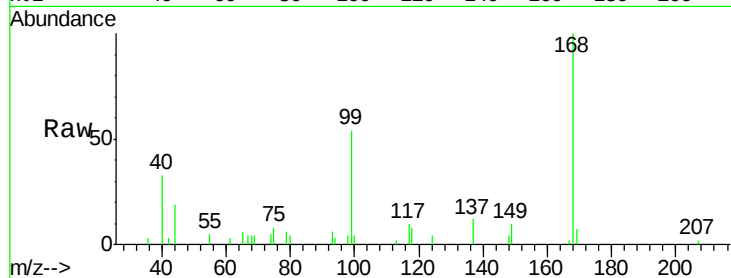
SP-1RE

Tot Ion:168 Resp: 16707

Ion Ratio Lower Upper

168 100

99 54.5 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

6000

5000

4000

3000

2000

1000

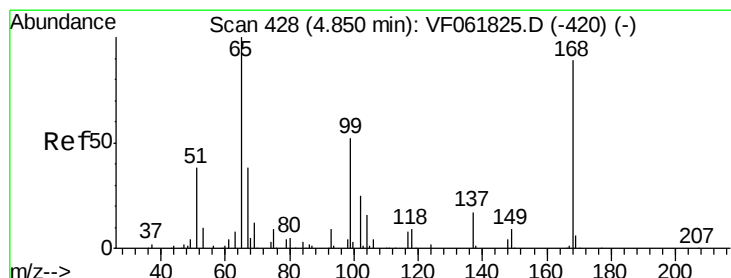
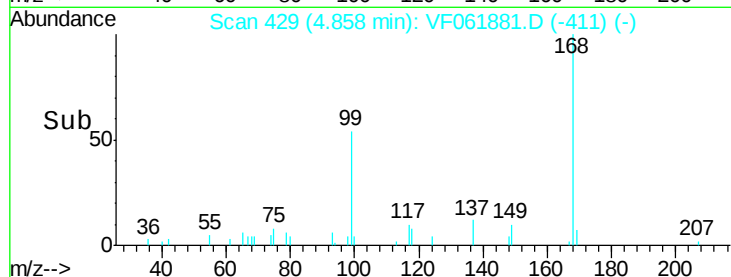
0

4.80

4.90

5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 26.556 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061881.D

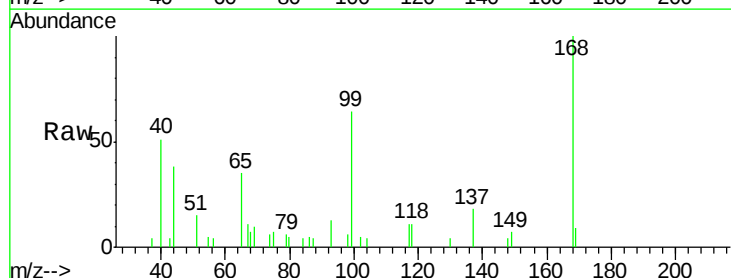
Acq: 9 Mar 2019 00:03

Tgt Ion: 65 Resp: 3231

Ion Ratio Lower Upper

65 100

67 30.7 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

1200

1000

800

600

400

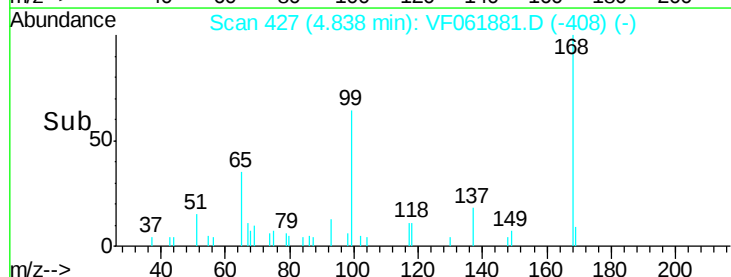
200

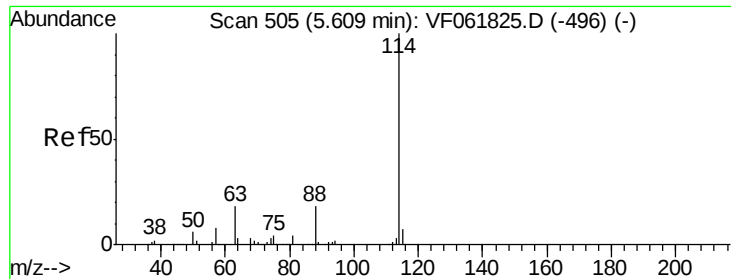
0

4.80

4.90

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061881.D

Acq: 9 Mar 2019 00:03

Instrument :

MSVOA_F

ClientSampleId :

SP-1RE

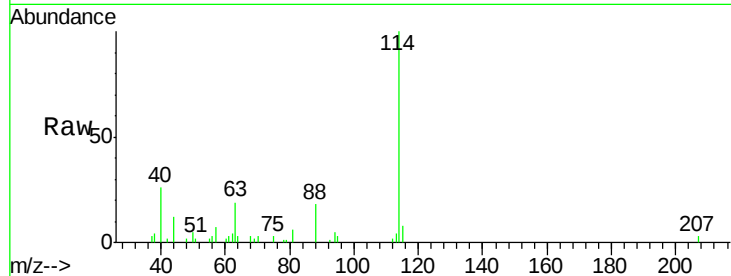
Tot Ion:114 Resp: 20007

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

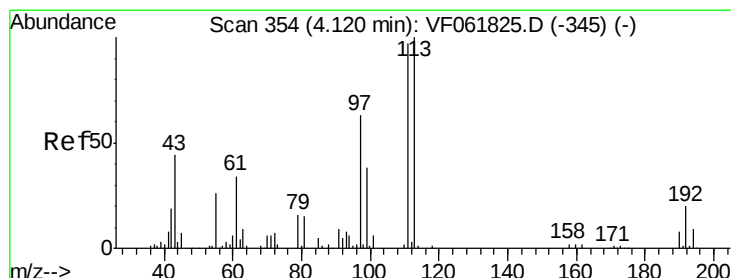
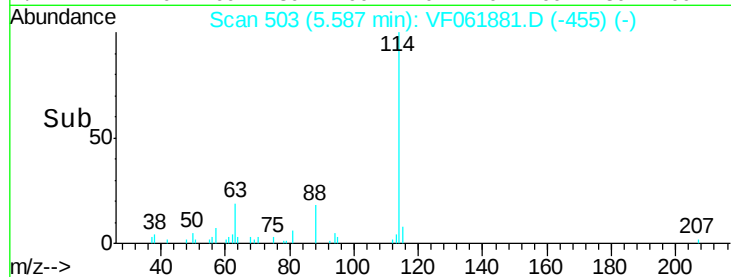
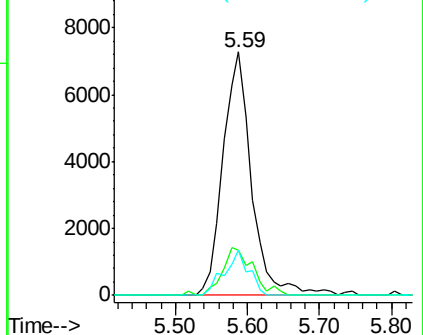
88 18.4 0.0 35.6



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: 42.558 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061881.D

Acq: 9 Mar 2019 00:03

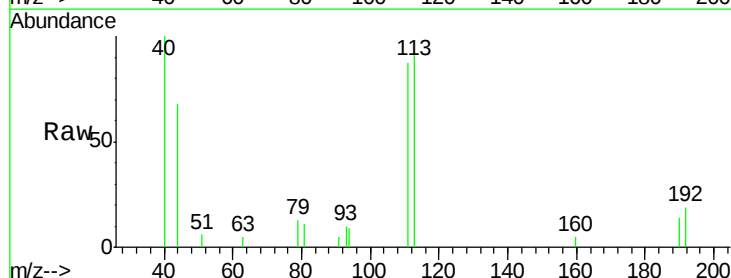
Tgt Ion:113 Resp: 5942

Ion Ratio Lower Upper

113 100

111 95.5 77.6 116.4

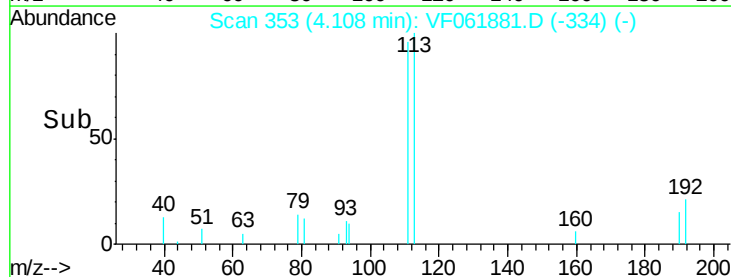
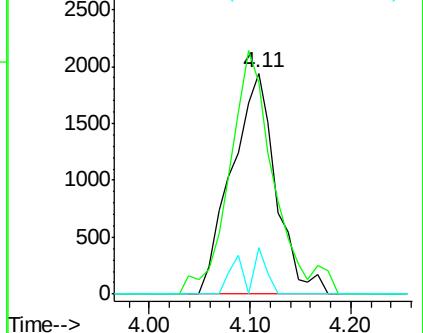
192 20.9 15.9 23.9

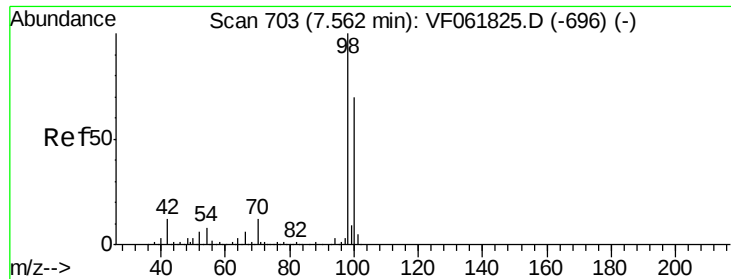


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 55.940 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061881.D

Acq: 9 Mar 2019 00:03

Instrument :

MSVOA_F

ClientSampleId :

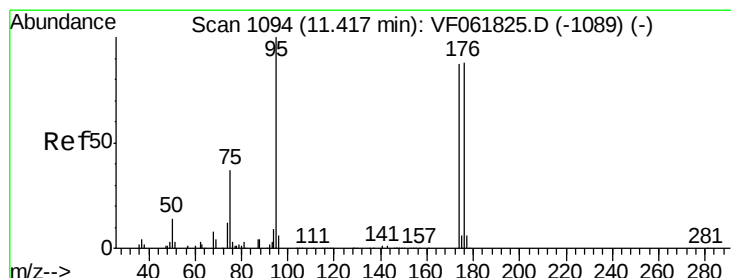
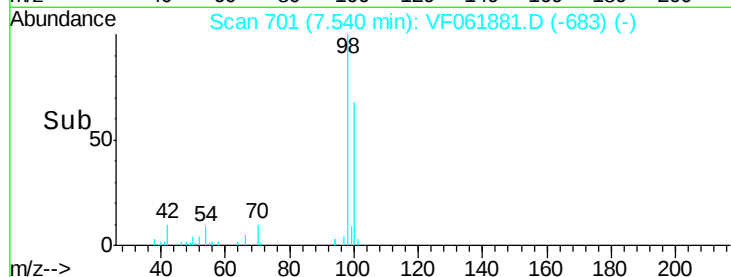
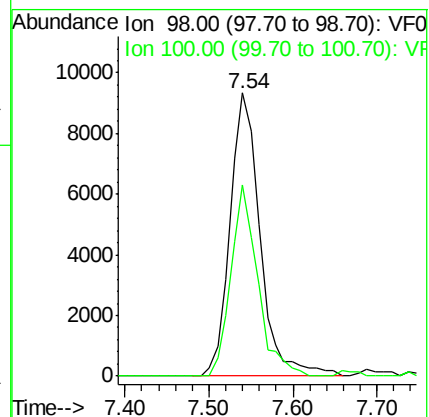
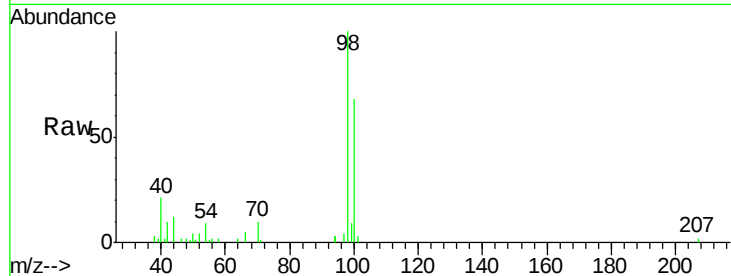
SP-1RE

Tot Ion: 98 Resp: 23215

Ion Ratio Lower Upper

98 100

100 67.6 56.0 84.0



#62

4-Bromofluorobenzene

Concen: 35.130 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061881.D

Acq: 9 Mar 2019 00:03

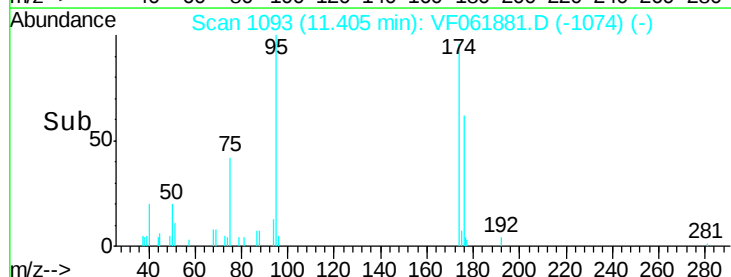
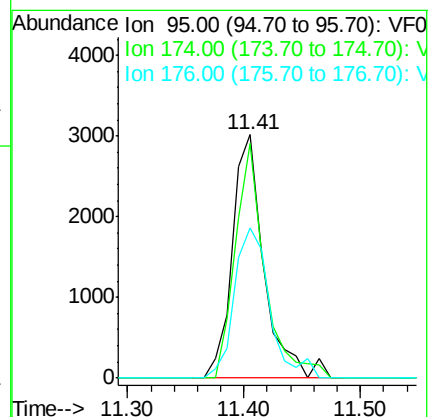
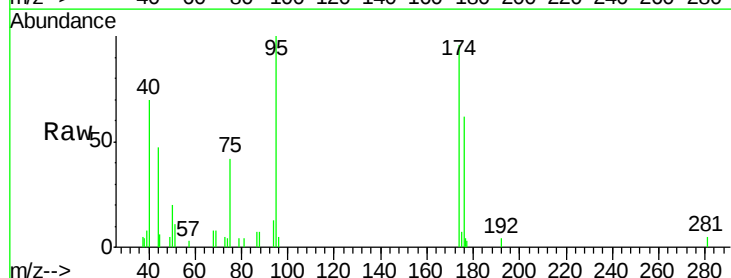
Tgt Ion: 95 Resp: 5711

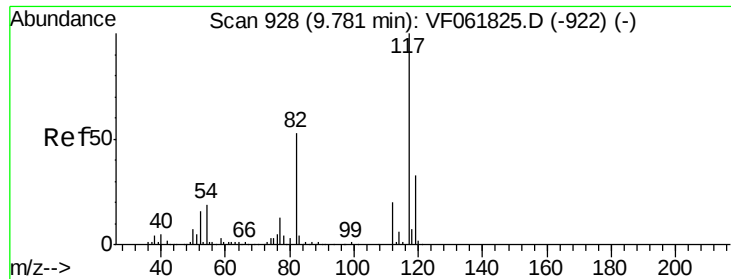
Ion Ratio Lower Upper

95 100

174 96.4 0.0 174.0

176 61.8 0.0 175.2

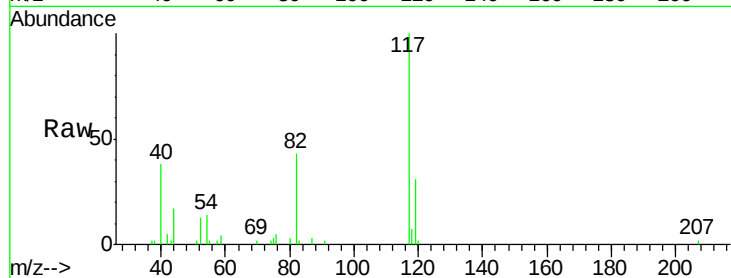




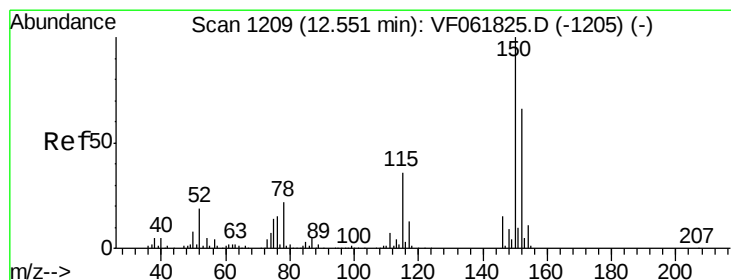
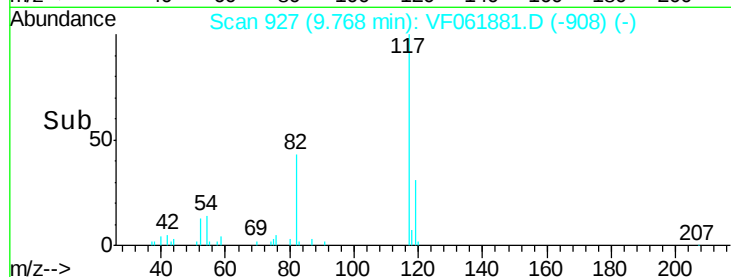
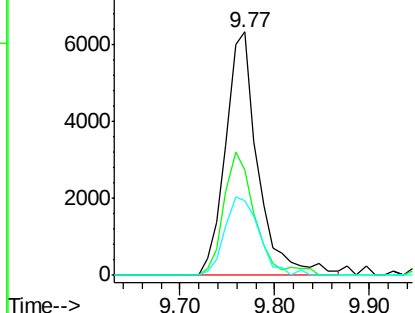
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061881.D
Acq: 9 Mar 2019 00:03

Instrument :
MSVOA_F
ClientSampleId :
SP-1RE

Tot Ion:117 Resp: 15036
Ion Ratio Lower Upper
117 100
82 43.1 42.6 63.8
119 30.7 26.0 39.0

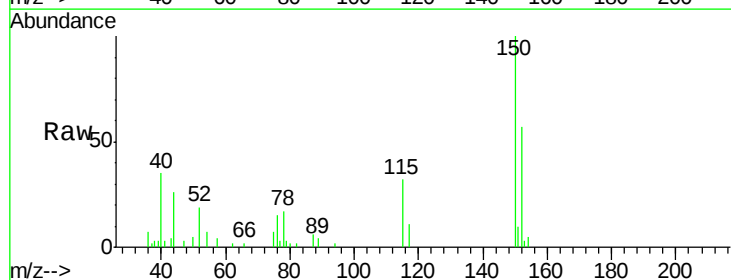


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061881.D
Acq: 9 Mar 2019 00:03

Tgt Ion:152 Resp: 4567
Ion Ratio Lower Upper
152 100
115 55.6 27.7 83.1
150 174.3 0.0 304.2



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

