

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF020719\
 Data File : VF061543.D
 Acq On : 7 Feb 2019 14:12
 Operator : VA/AP
 Sample : VF0207SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0207SBL01

Quant Time: Feb 09 04:45:06 2019
 Quant Method : Z:\V0ASRV\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	190681	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	370585	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	312388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	173798	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	127099	53.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.98%	
35) Dibromofluoromethane	4.09	113	150899	51.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	7.54	98	369413	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.40	95	182389	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

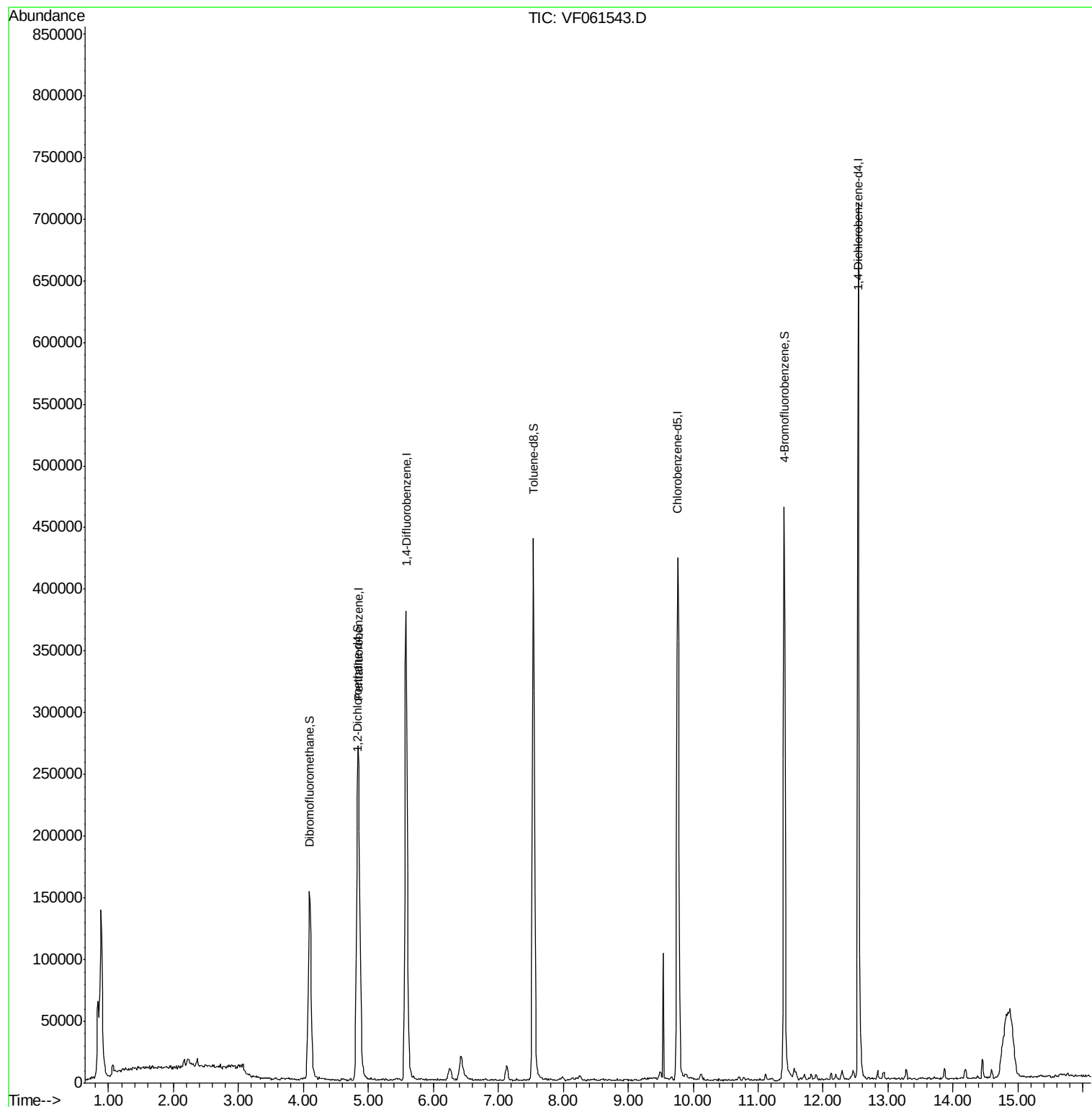
Target Compounds	Qvalue

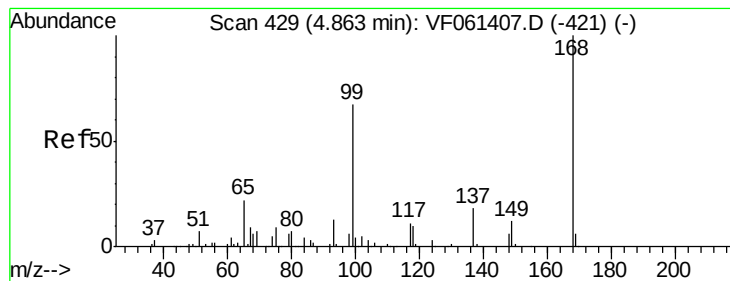
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061543.D

Acq: 7 Feb 2019 14:12

Instrument :

MSVOA_F

ClientSampleId :

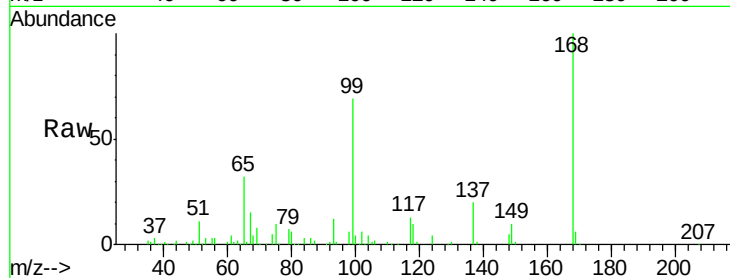
VF0207SBL01

Tot Ion:168 Resp: 190681

Ion Ratio Lower Upper

168 100

99 68.7 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

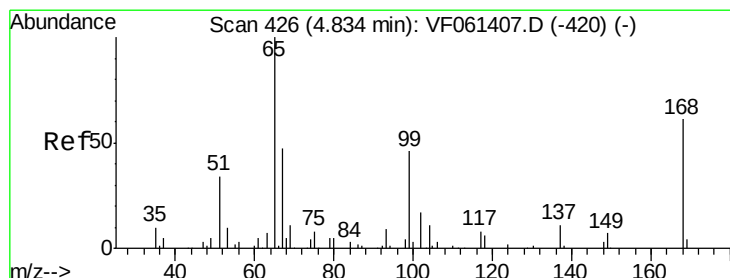
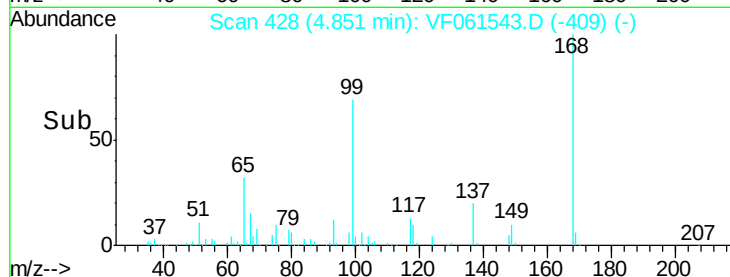
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.988 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.01 min

Lab File: VF061543.D

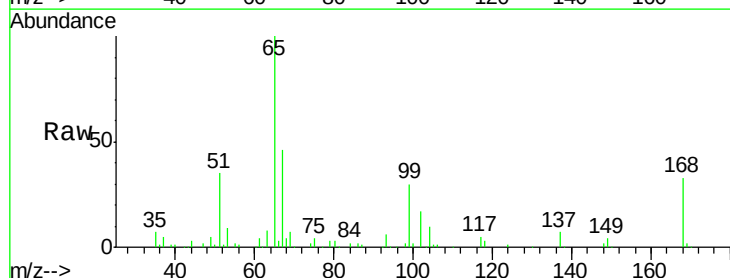
Acq: 7 Feb 2019 14:12

Tgt Ion: 65 Resp: 127099

Ion Ratio Lower Upper

65 100

67 46.1 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

50000

40000

30000

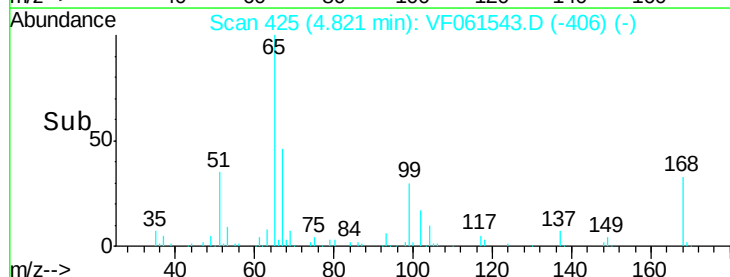
20000

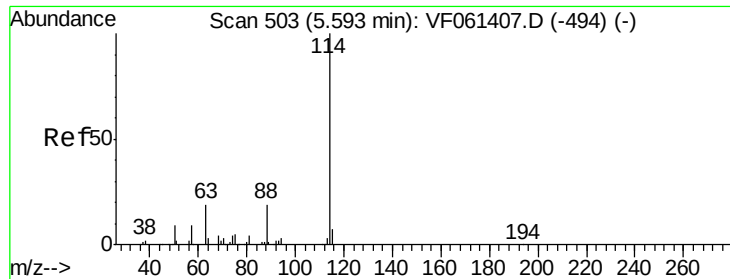
10000

0

4.60 4.70 4.80 4.90 5.00

Time-->

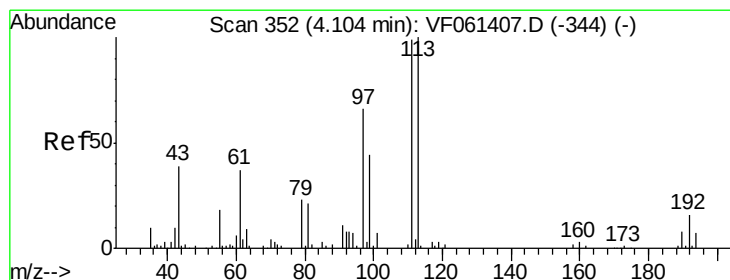
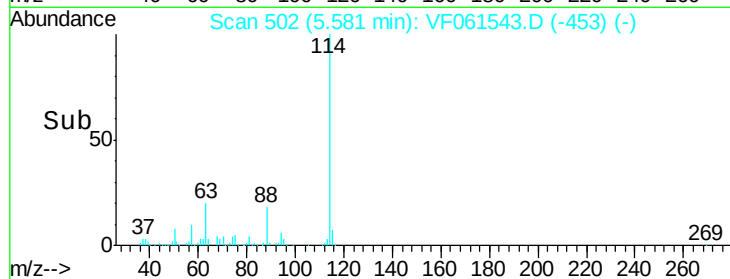
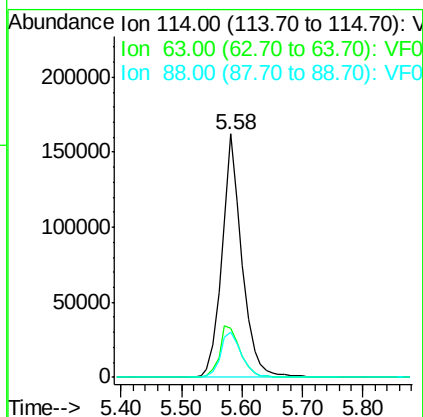
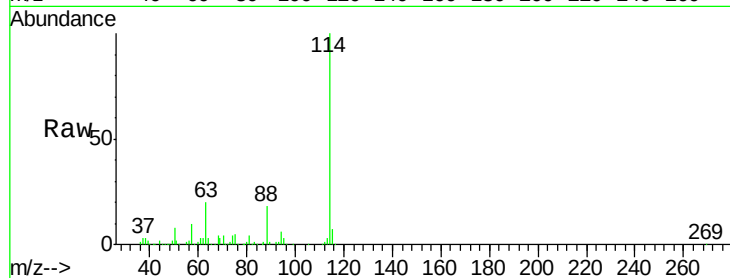




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF061543.D
 Acq: 7 Feb 2019 14:12

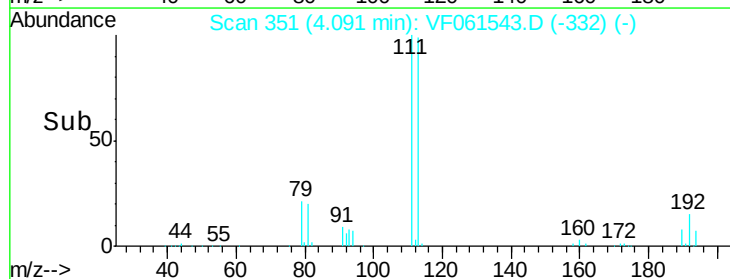
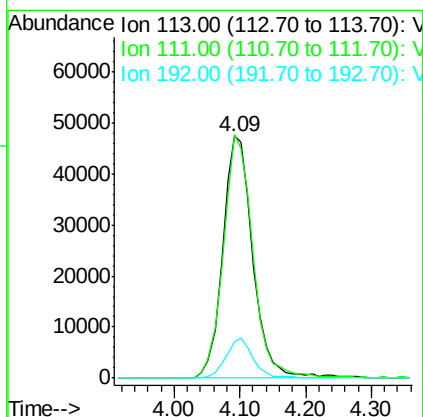
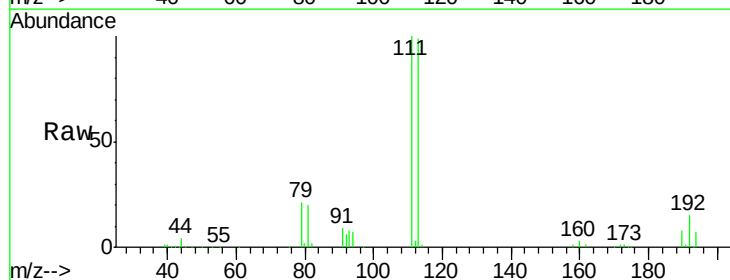
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0207SBL01

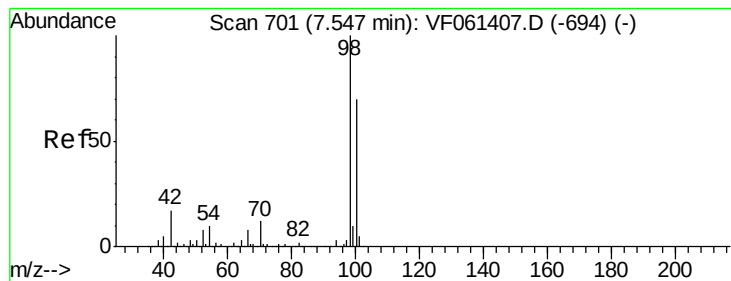
Tot Ion:114 Resp: 370585
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 18.3 0.0 37.4



#35
 Dibromofluoromethane
 Concen: 51.603 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VF061543.D
 Acq: 7 Feb 2019 14:12

Tgt Ion:113 Resp: 150899
 Ion Ratio Lower Upper
 113 100
 111 100.6 79.4 119.0
 192 14.9 12.4 18.6





#50

Toluene-d8

Concen: 46.108 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF061543.D

Acq: 7 Feb 2019 14:12

Instrument :

MSVOA_F

ClientSampleId :

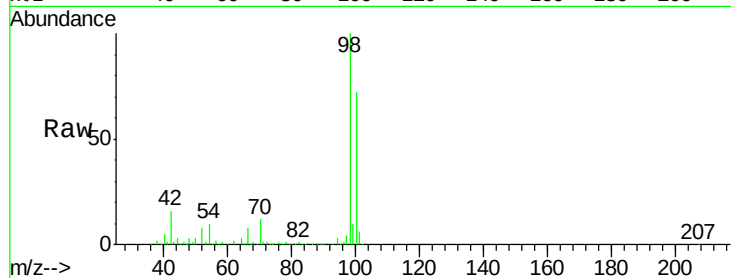
VF0207SBL01

Tot Ion: 98 Resp: 369413

Ion Ratio Lower Upper

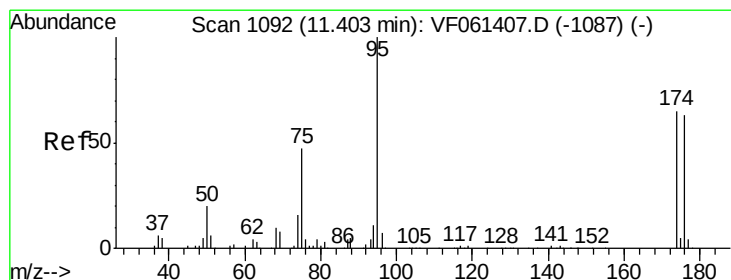
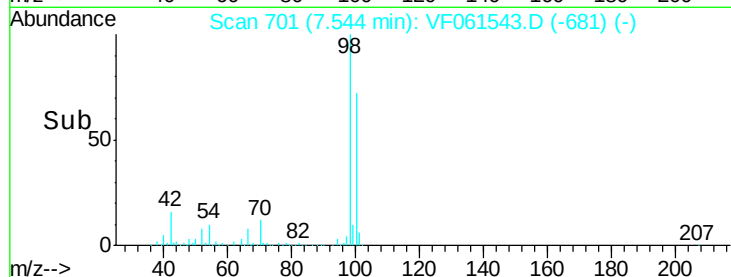
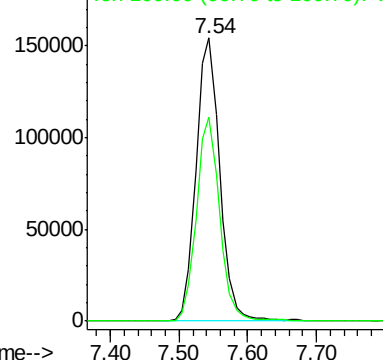
98 100

100 71.9 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 48.723 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061543.D

Acq: 7 Feb 2019 14:12

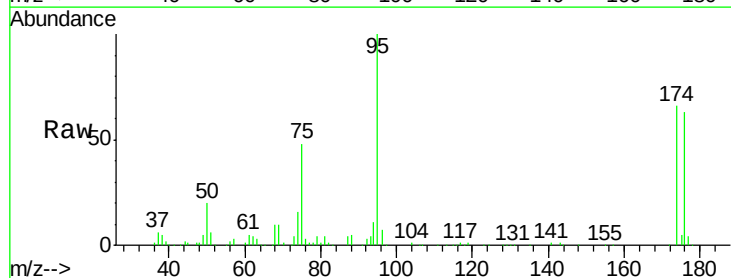
Tgt Ion: 95 Resp: 182389

Ion Ratio Lower Upper

95 100

174 66.1 0.0 130.4

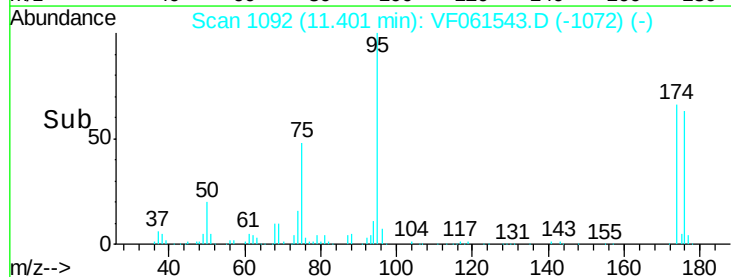
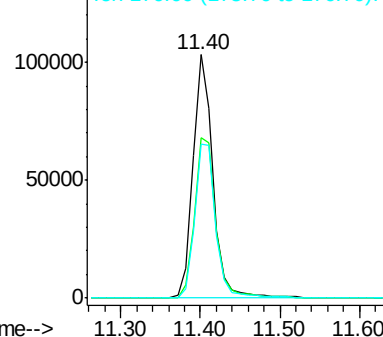
176 63.1 0.0 126.2

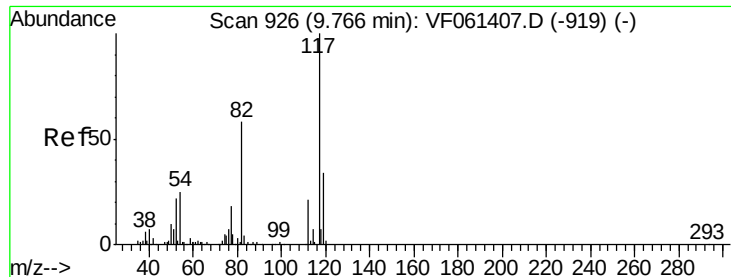


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

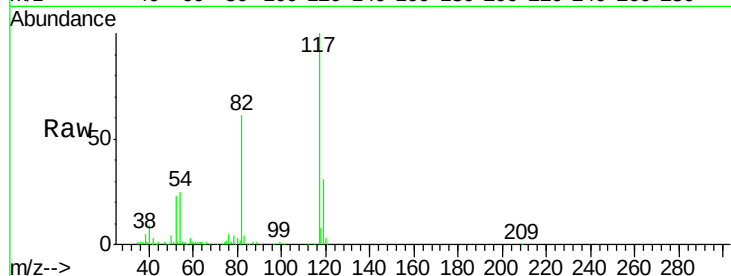




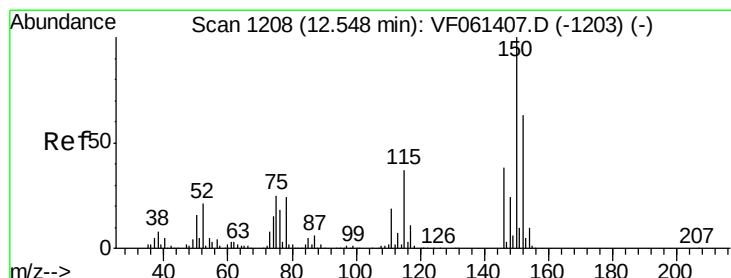
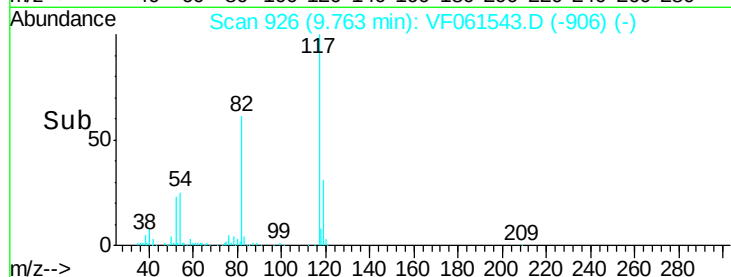
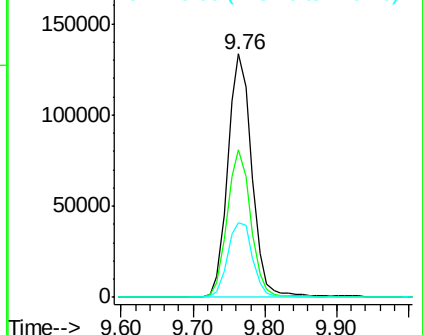
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061543.D
Acq: 7 Feb 2019 14:12

Instrument :
MSVOA_F
ClientSampleId :
VF0207SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	46.4	69.6
119	30.6	27.2	40.8

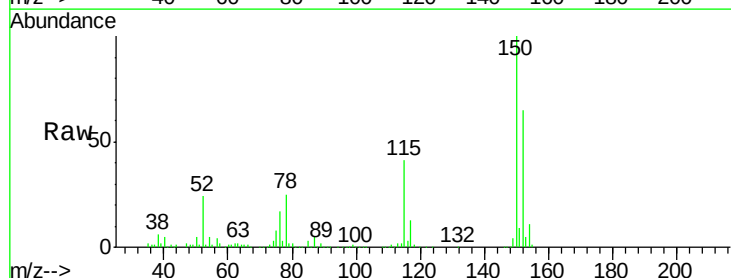


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061543.D
Acq: 7 Feb 2019 14:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	30.0	90.0
150	154.6	0.0	321.4



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

