

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
 Data File : VF061742.D
 Acq On : 26 Feb 2019 15:00
 Operator : VA/AP
 Sample : VF0226SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0226SBL01

Quant Time: Feb 27 04:19:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	309056	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	475953	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	391634	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	240588	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	124321	54.86	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	109.72%	
35) Dibromofluoromethane	4.09	113	189681	53.67	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	7.53	98	507048	49.90	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.40	95	217379	52.88	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.76%	

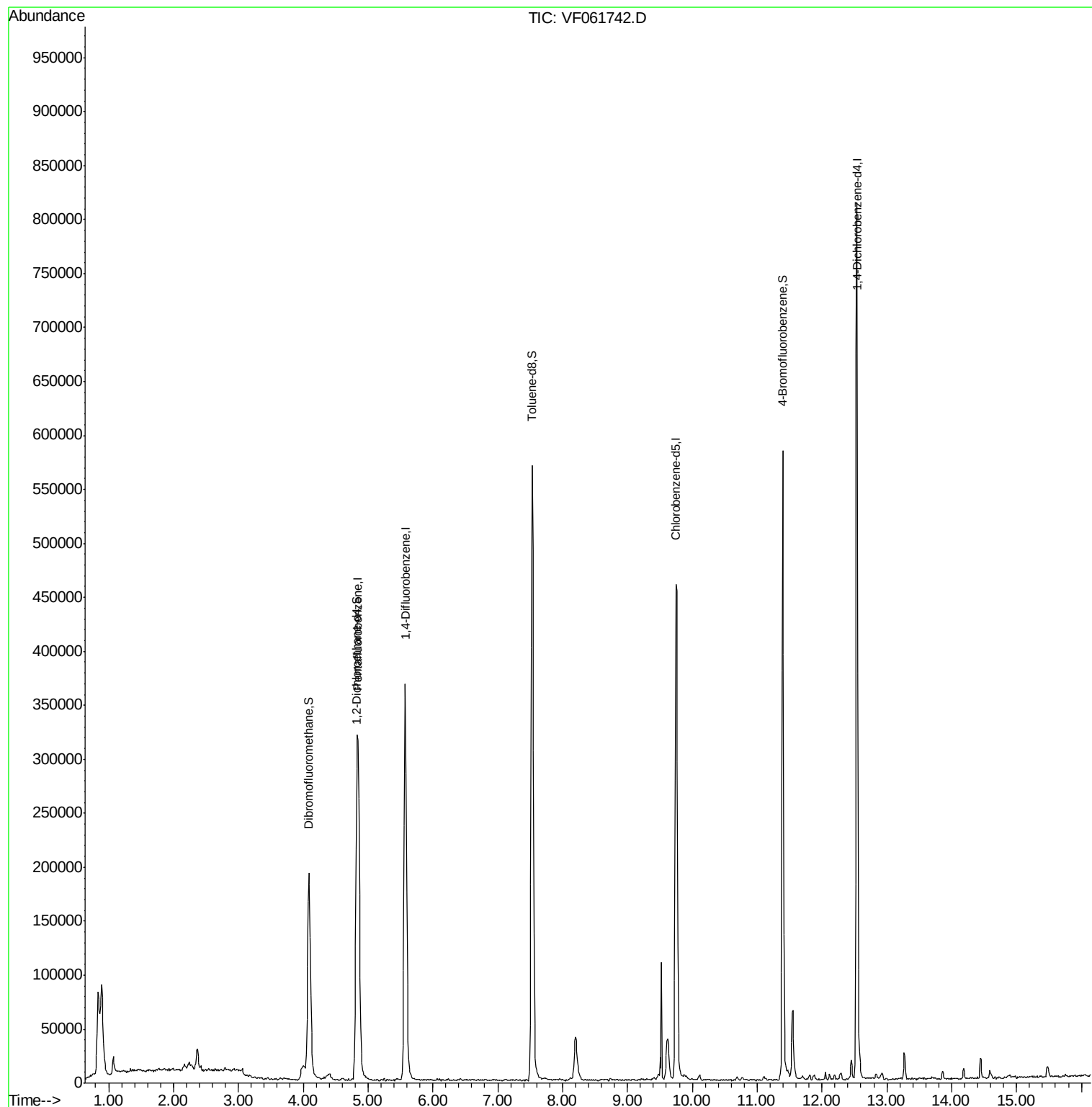
Target Compounds	Qvalue

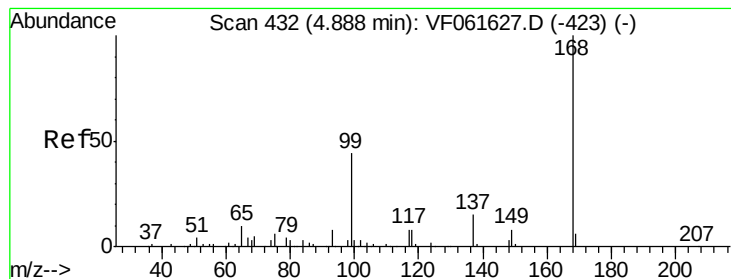
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022619\
Data File : VF061742.D
Acq On : 26 Feb 2019 15:00
Operator : VA/AP
Sample : VF0226SBL01
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0226SBL01

Quant Time: Feb 27 04:19:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061742.D

Acq: 26 Feb 2019 15:00

Instrument :

MSVOA_F

ClientSampleId :

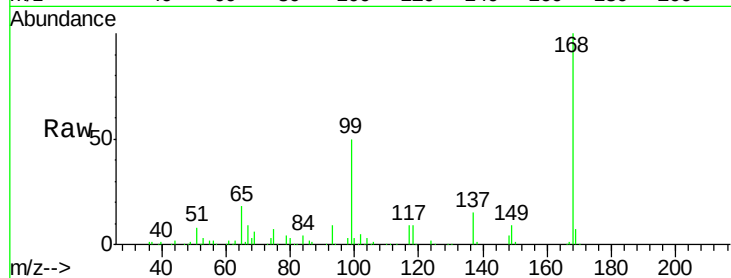
VF0226SBL01

Tot Ion:168 Resp: 309056

Ion Ratio Lower Upper

168 100

99 50.0 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

100000

80000

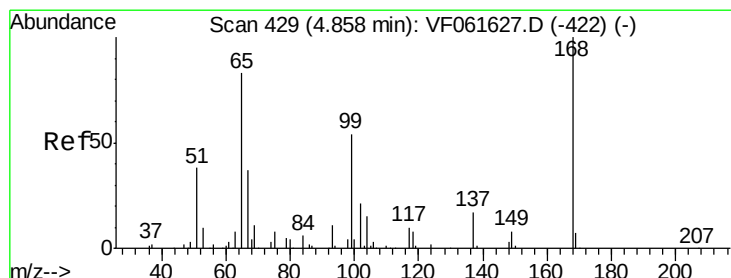
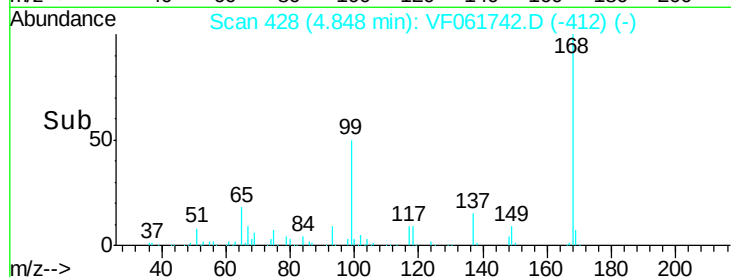
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.855 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.04 min

Lab File: VF061742.D

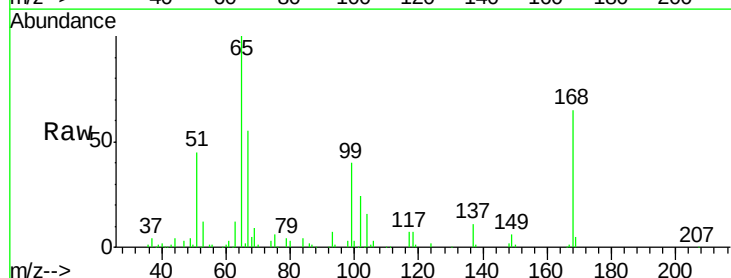
Acq: 26 Feb 2019 15:00

Tgt Ion: 65 Resp: 124321

Ion Ratio Lower Upper

65 100

67 54.6 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

50000

40000

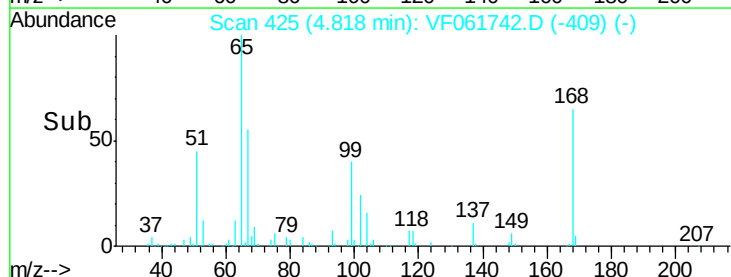
30000

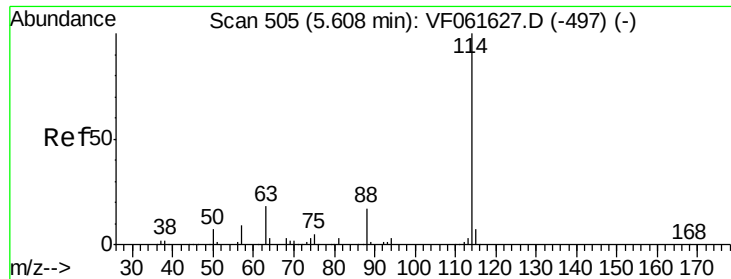
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061742.D

Acq: 26 Feb 2019 15:00

Instrument :

MSVOA_F

ClientSampleId :

VF0226SBL01

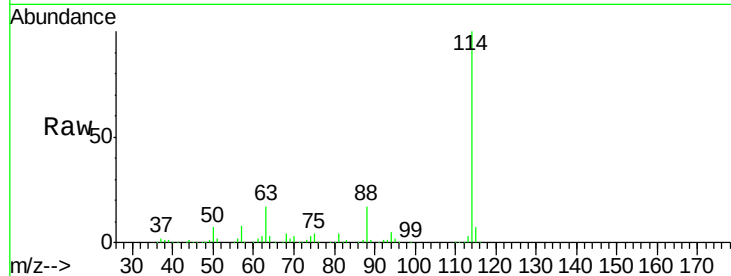
Tot Ion:114 Resp: 475953

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

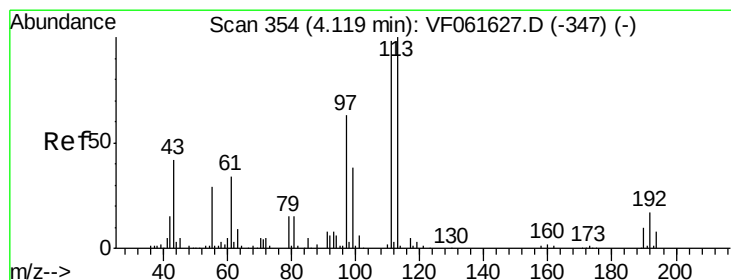
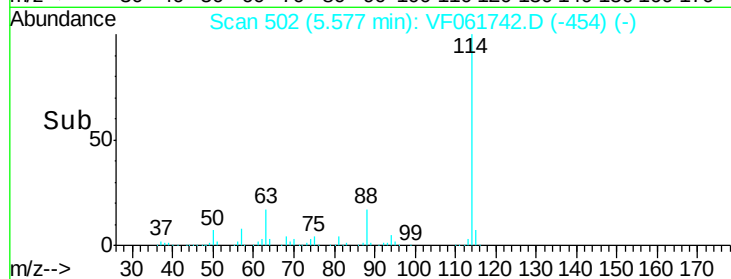
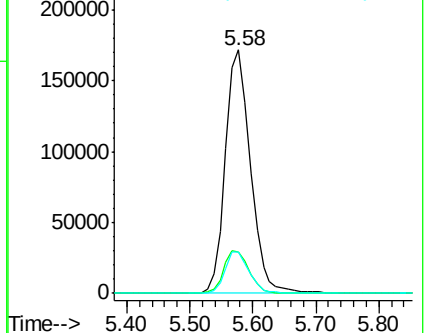
88 16.8 0.0 34.4



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: 53.666 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061742.D

Acq: 26 Feb 2019 15:00

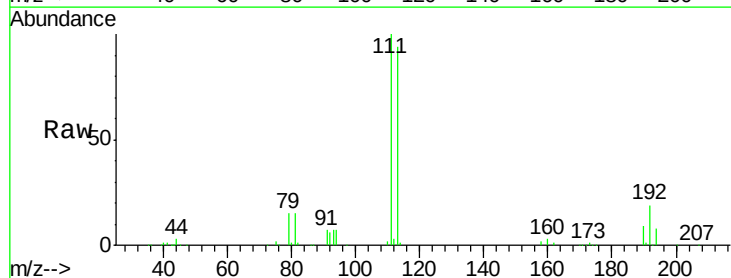
Tgt Ion:113 Resp: 189681

Ion Ratio Lower Upper

113 100

111 106.9 78.8 118.2

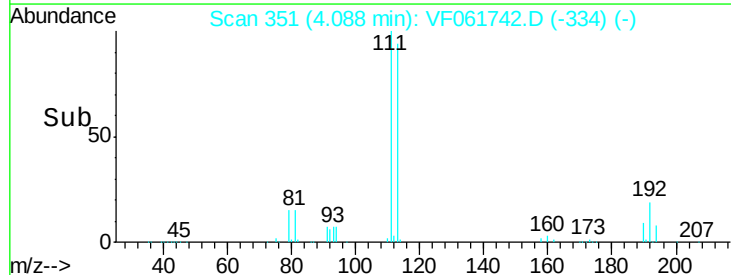
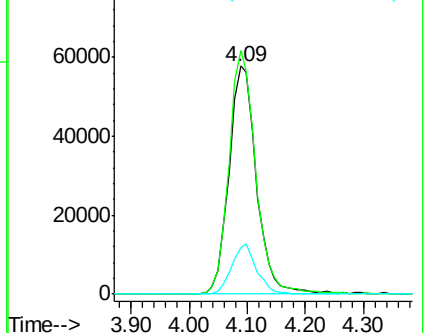
192 20.5 13.4 20.0#

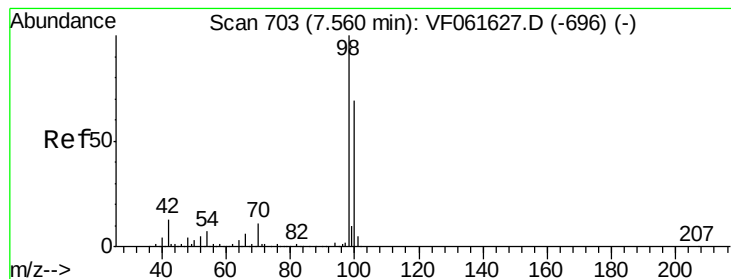


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 49.904 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061742.D

Acq: 26 Feb 2019 15:00

Instrument :

MSVOA_F

ClientSampleId :

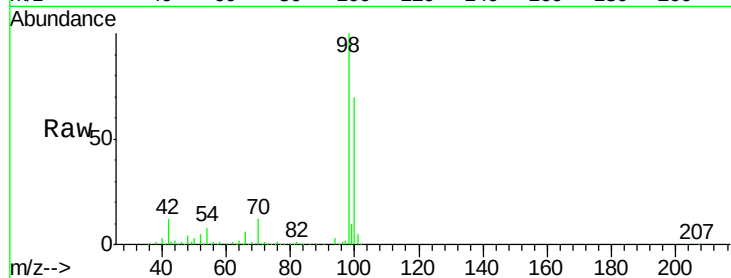
VF0226SBL01

Tot Ion: 98 Resp: 507048

Ion Ratio Lower Upper

98 100

100 70.4 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.53

200000

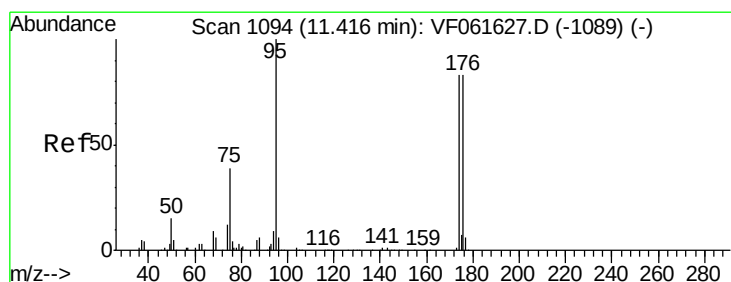
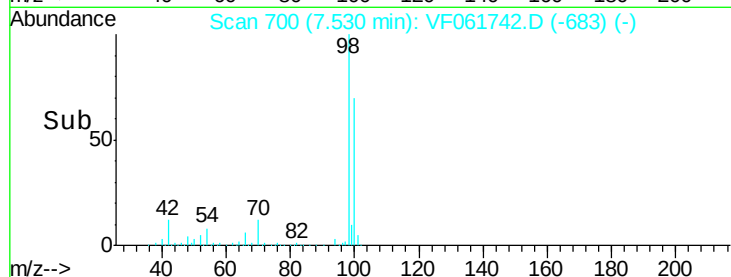
150000

100000

50000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 52.876 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061742.D

Acq: 26 Feb 2019 15:00

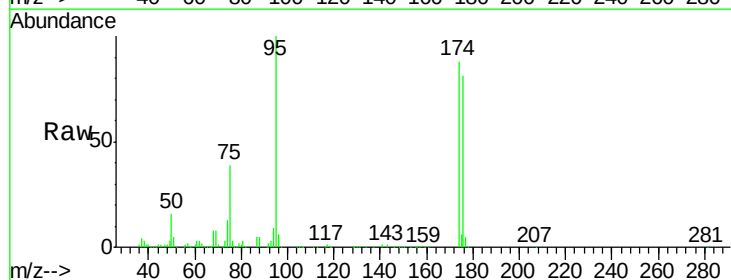
Tgt Ion: 95 Resp: 217379

Ion Ratio Lower Upper

95 100

174 87.7 0.0 165.8

176 81.3 0.0 167.0



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

11.40

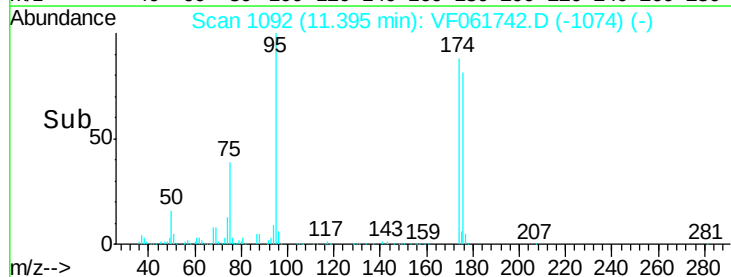
150000

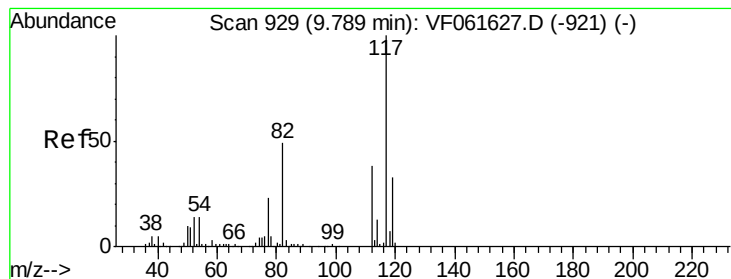
100000

50000

0

Time--> 11.30 11.40 11.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.03 min

Lab File: VF061742.D

Acq: 26 Feb 2019 15:00

Instrument :

MSVOA_F

ClientSampleId :

VF0226SBL01

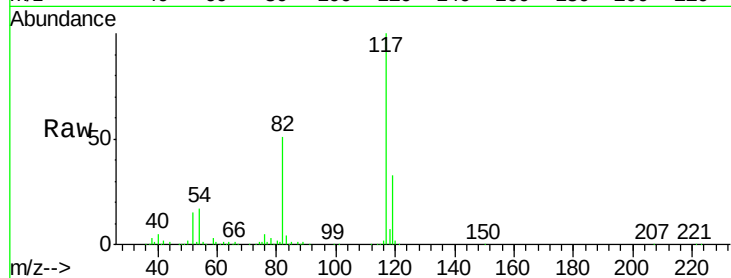
Tot Ion:117 Resp: 391634

Ion Ratio Lower Upper

117 100

82 51.0 39.3 58.9

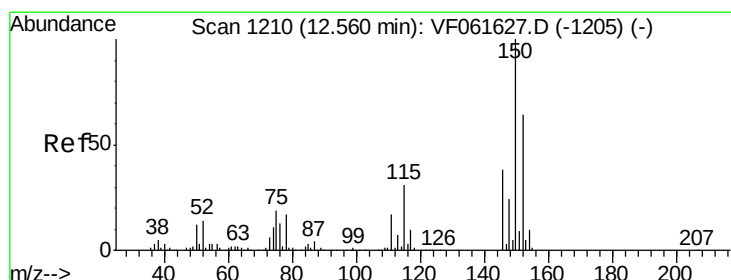
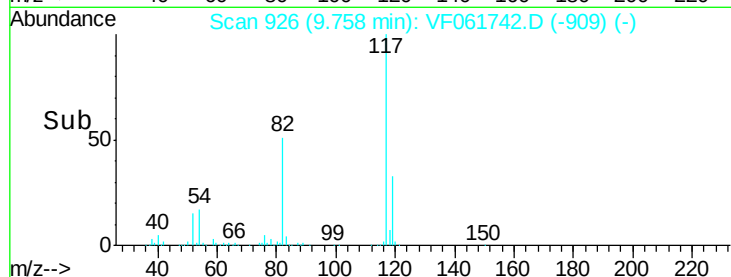
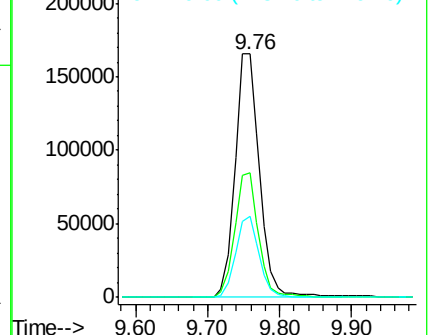
119 33.2 26.6 40.0



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: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061742.D

Acq: 26 Feb 2019 15:00

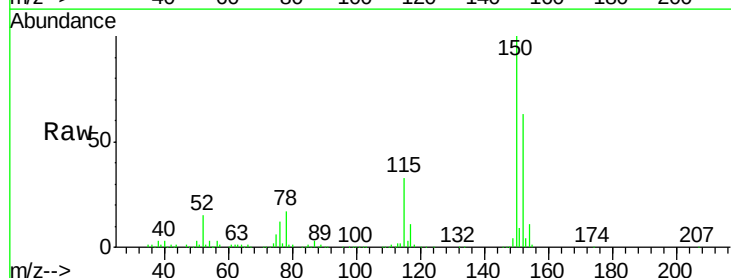
Tgt Ion:152 Resp: 240588

Ion Ratio Lower Upper

152 100

115 52.3 24.3 72.8

150 158.0 0.0 312.0



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

