

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061763.D
 Acq On : 27 Feb 2019 13:33
 Operator : VA/AP
 Sample : VF0227SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0227SBL01

Quant Time: Feb 28 00:43:15 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	312277	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	464133	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	421753	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	242229	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	132582	57.90	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	115.80%	
35) Dibromofluoromethane	4.09	113	206311	59.86	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	119.72%	
50) Toluene-d8	7.53	98	545628	55.07	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	110.14%	
62) 4-Bromofluorobenzene	11.40	95	242207	60.42	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	120.84%	

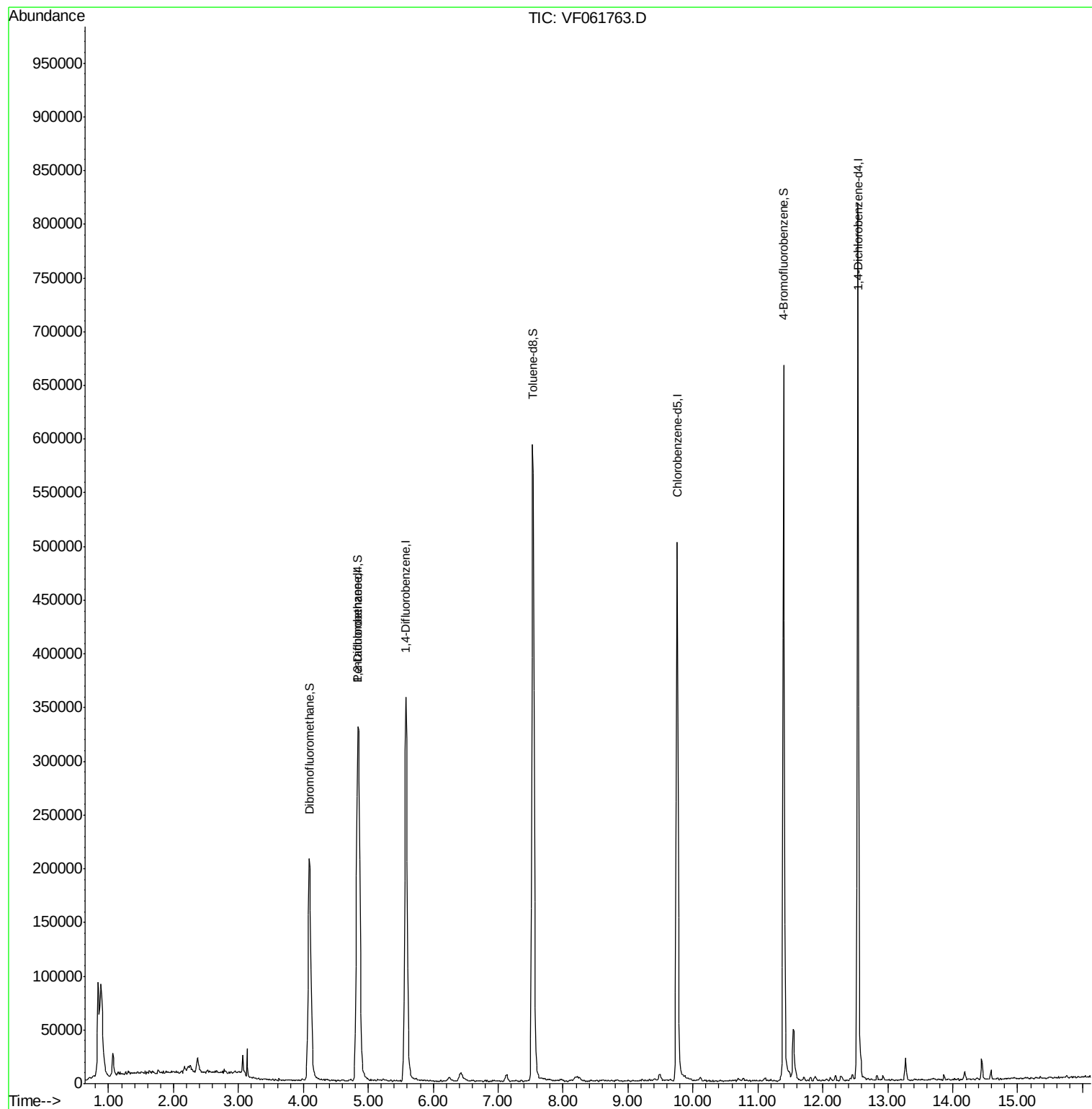
Target Compounds	Qvalue

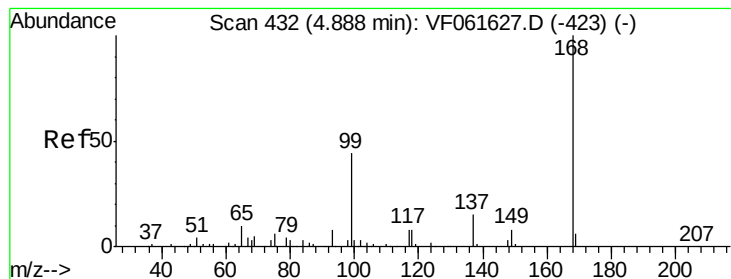
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061763.D

Acq: 27 Feb 2019 13:33

Instrument :

MSVOA_F

ClientSampleId :

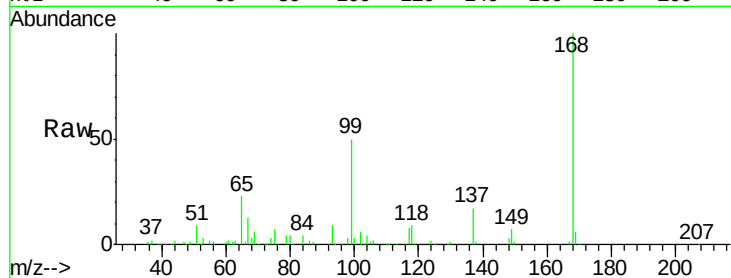
VF0227SBL01

Tot Ion:168 Resp: 312277

Ion Ratio Lower Upper

168 100

99 49.9 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

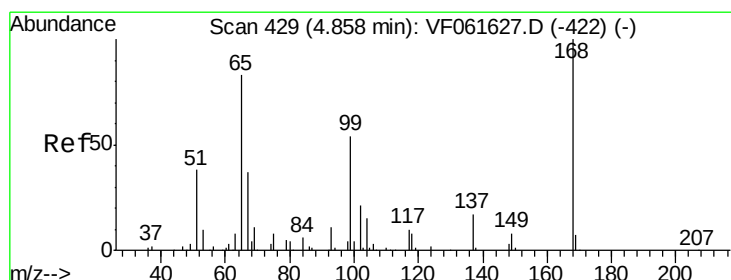
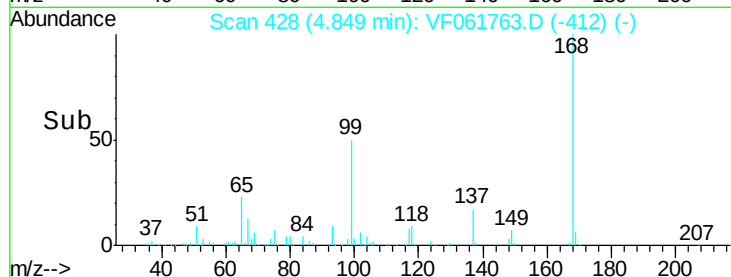
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.897 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.03 min

Lab File: VF061763.D

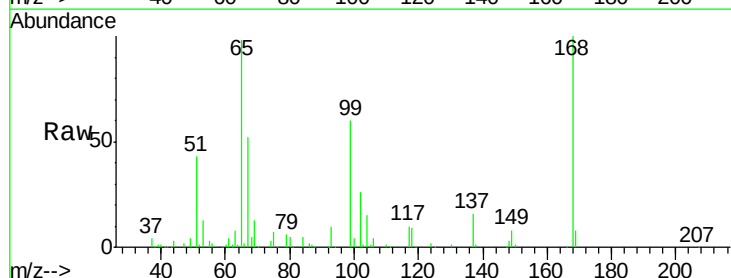
Acq: 27 Feb 2019 13:33

Tgt Ion: 65 Resp: 132582

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

50000

40000

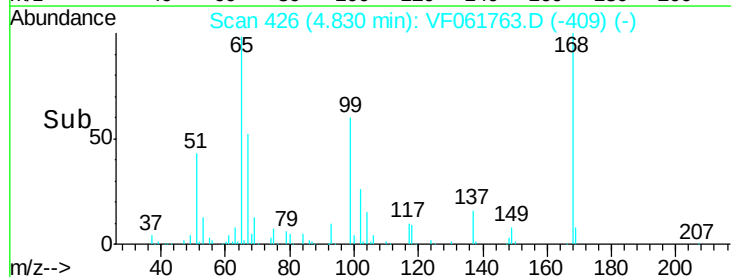
30000

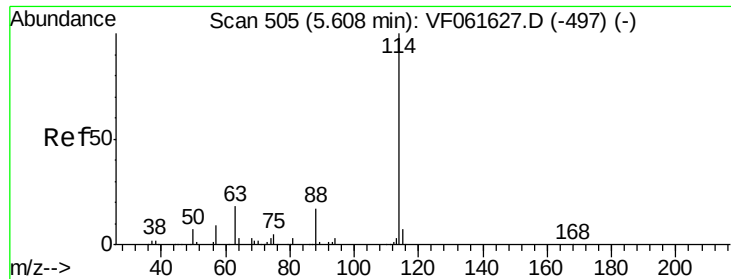
20000

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: VF061763.D

Acq: 27 Feb 2019 13:33

Instrument :

MSVOA_F

ClientSampleId :

VF0227SBL01

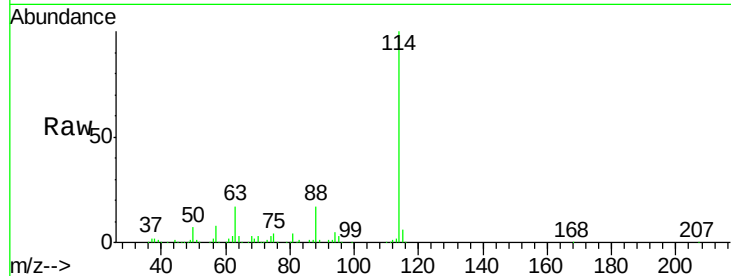
Tot Ion:114 Resp: 464133

Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.6

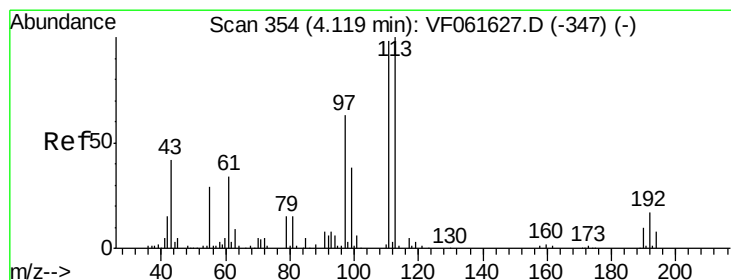
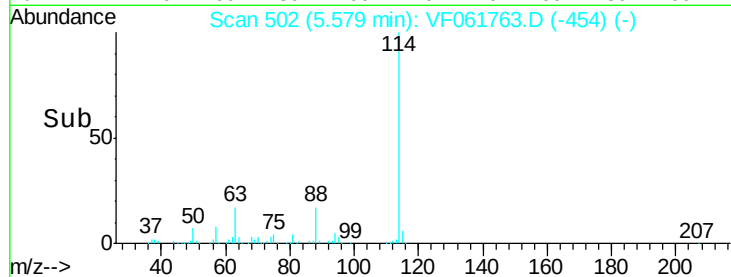
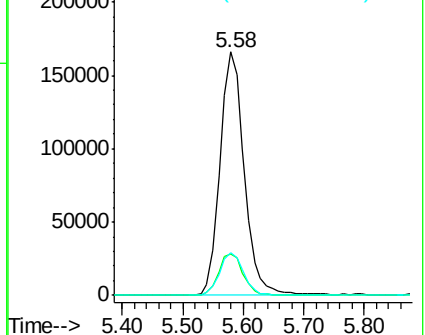
88 17.4 0.0 34.4



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: 59.858 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061763.D

Acq: 27 Feb 2019 13:33

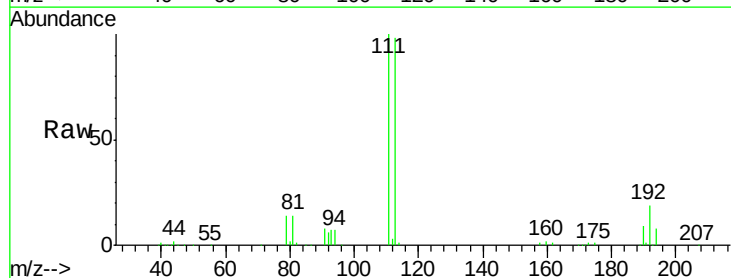
Tgt Ion:113 Resp: 206311

Ion Ratio Lower Upper

113 100

111 102.4 78.8 118.2

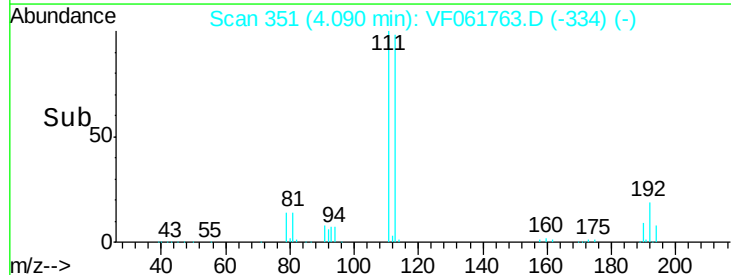
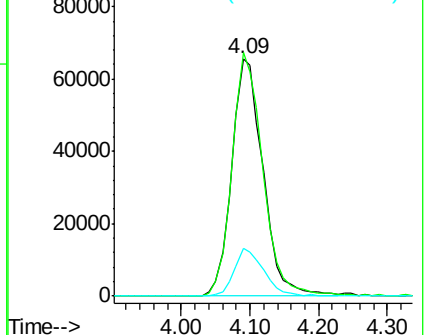
192 19.9 13.4 20.0

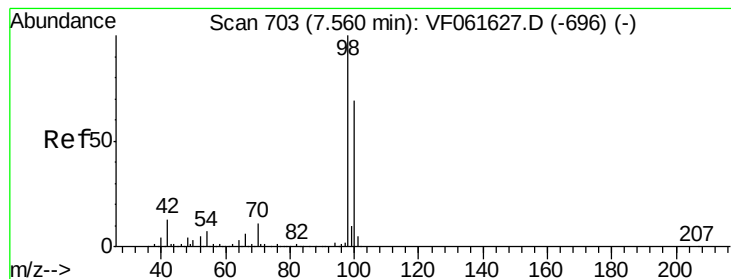


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 55.068 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061763.D

Acq: 27 Feb 2019 13:33

Instrument :

MSVOA_F

ClientSampleId :

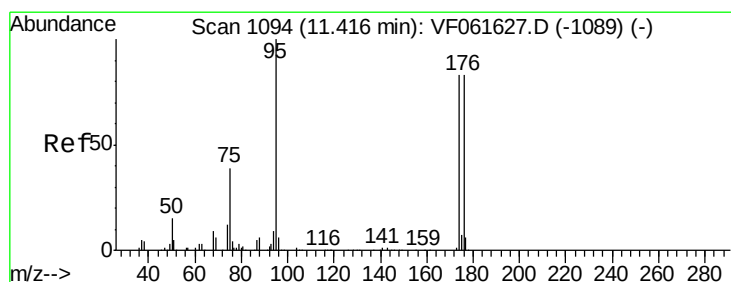
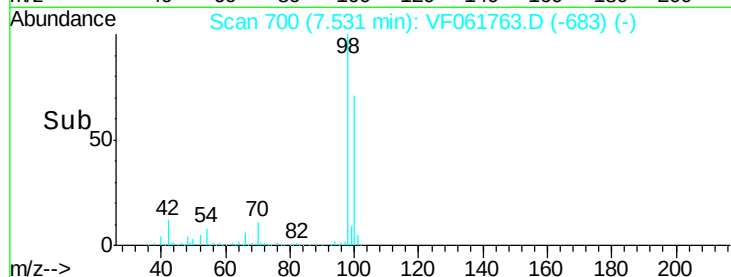
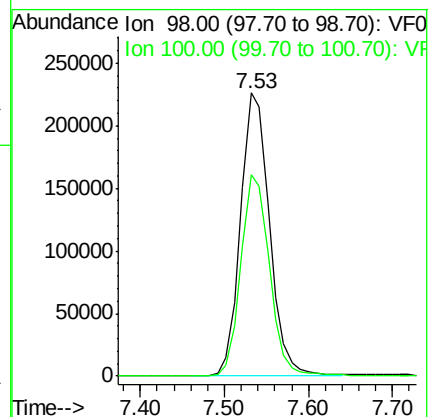
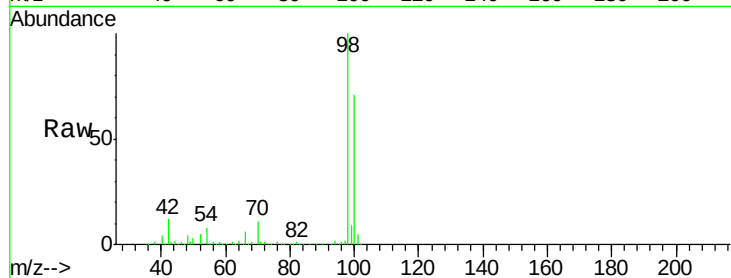
VF0227SBL01

Tot Ion: 98 Resp: 545628

Ion Ratio Lower Upper

98 100

100 71.1 55.4 83.2



#62

4-Bromofluorobenzene

Concen: 60.415 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061763.D

Acq: 27 Feb 2019 13:33

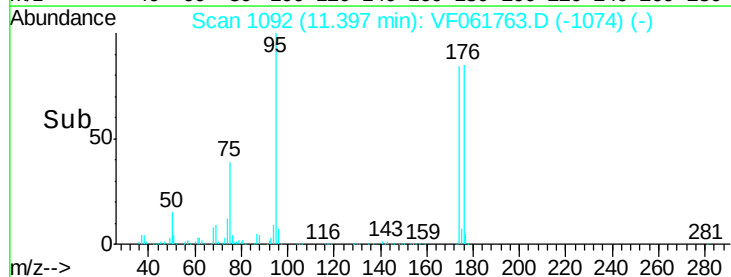
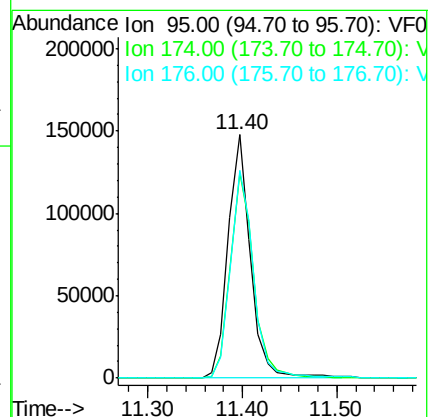
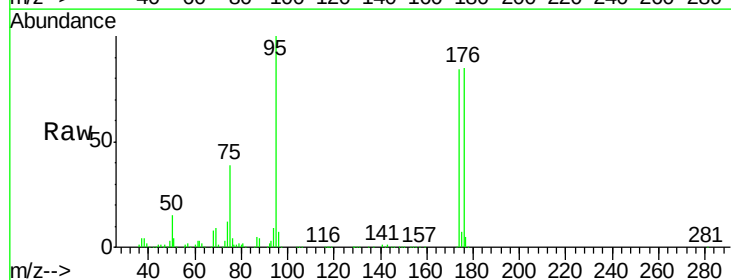
Tgt Ion: 95 Resp: 242207

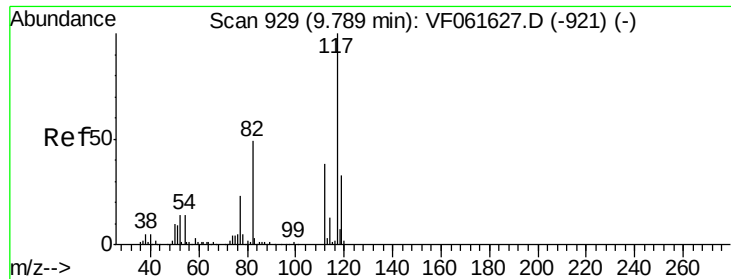
Ion Ratio Lower Upper

95 100

174 84.4 0.0 165.8

176 85.3 0.0 167.0

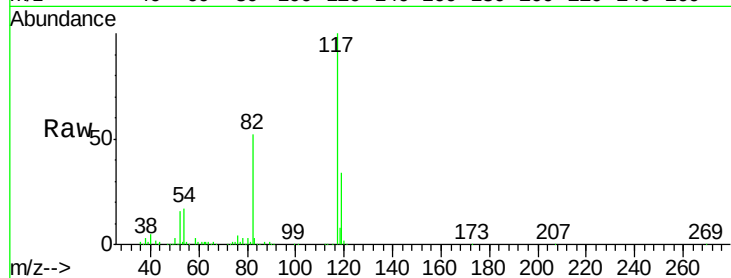




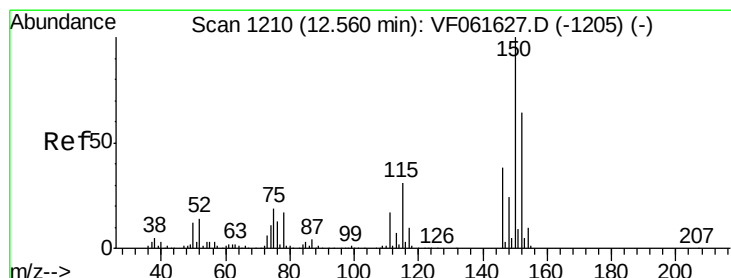
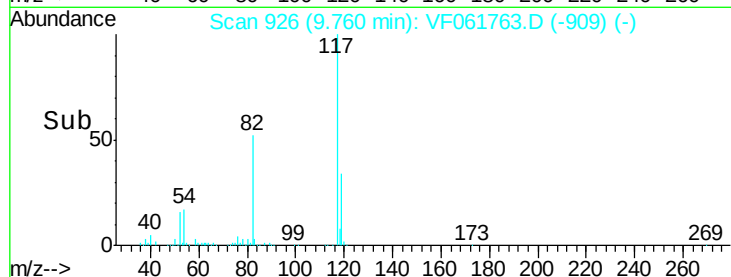
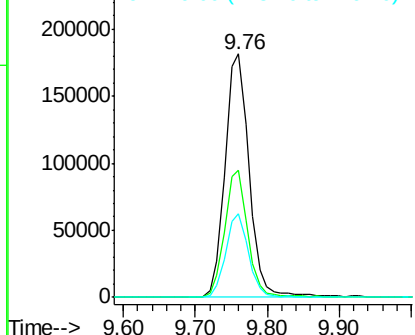
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061763.D
Acq: 27 Feb 2019 13:33

Instrument :
MSVOA_F
ClientSampleId :
VF0227SBL01

Tot Ion:117 Resp: 421753
Ion Ratio Lower Upper
117 100
82 52.3 39.3 58.9
119 34.3 26.6 40.0

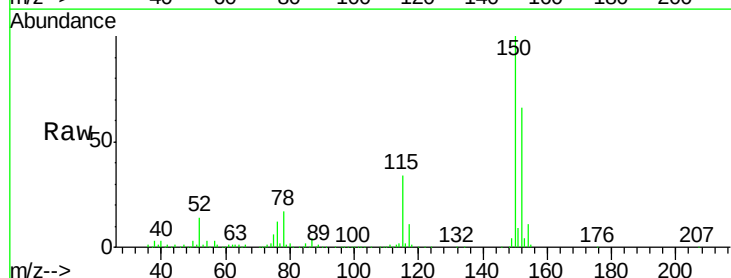


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061763.D
Acq: 27 Feb 2019 13:33

Tgt Ion:152 Resp: 242229
Ion Ratio Lower Upper
152 100
115 51.2 24.3 72.8
150 152.1 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

