

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022519\
 Data File : VF061731.D
 Acq On : 25 Feb 2019 15:38
 Operator : VA/AP
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VIBLK

Quant Time: Feb 26 04:44:12 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	4.87	168	334976	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	488364	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	420517	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	271566	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	128829	52.45	ug/l	-0.01
Spiked Amount						
			Recovery	=	104.90%	
35) Dibromofluoromethane	4.11	113	191580	52.83	ug/l	-0.01
Spiked Amount						
			Recovery	=	105.66%	
50) Toluene-d8	7.55	98	522166	50.09	ug/l	-0.01
Spiked Amount						
			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.41	95	229899	54.50	ug/l	-0.01
Spiked Amount						
			Recovery	=	109.00%	

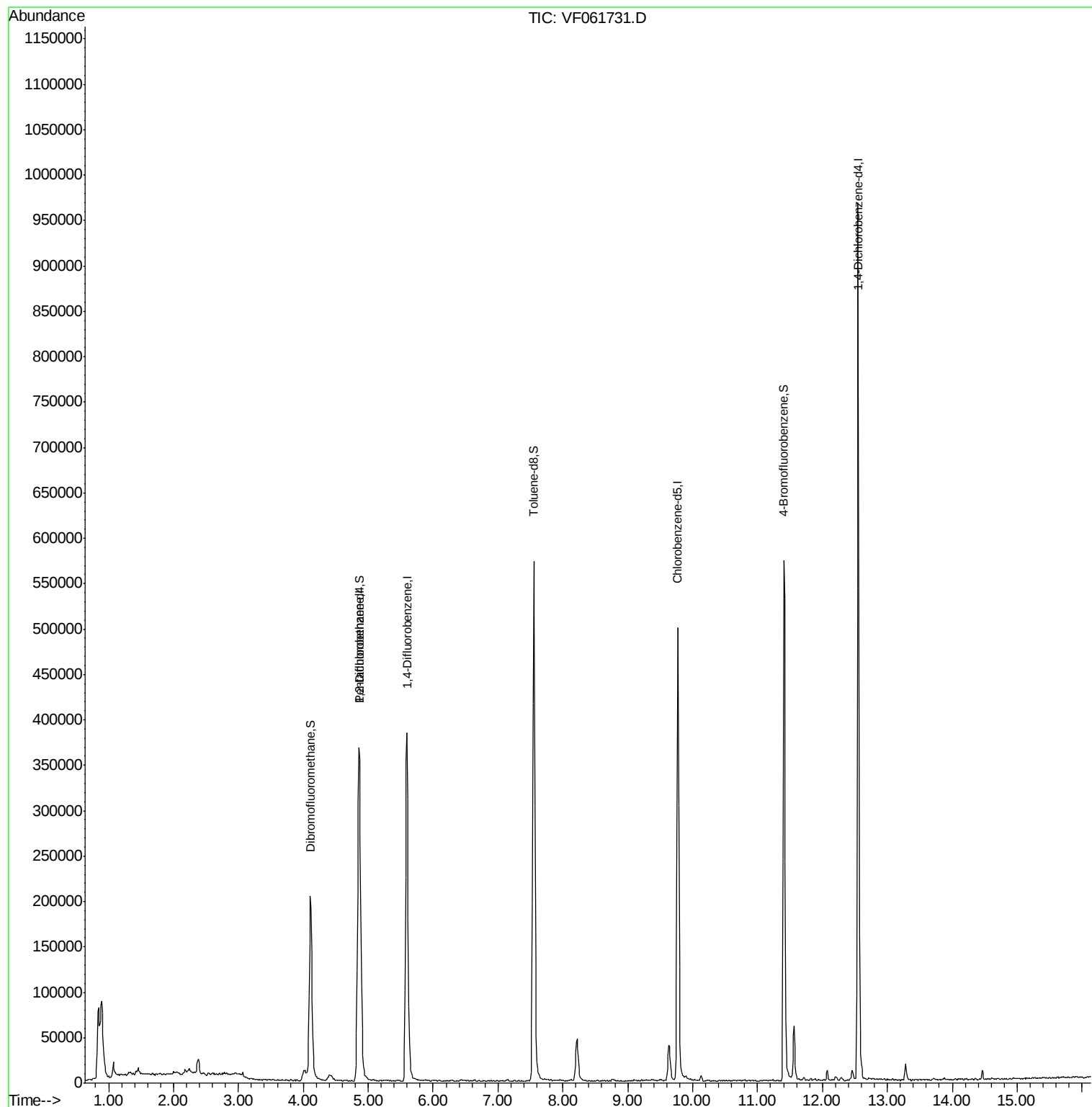
Target Compounds	Qvalue

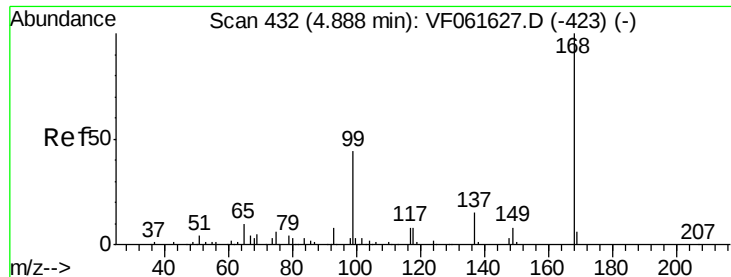
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022519\
Data File : VF061731.D
Acq On : 25 Feb 2019 15:38
Operator : VA/AP
Sample : VIBLK
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Quant Time: Feb 26 04:44:12 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: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF061731.D

Acq: 25 Feb 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

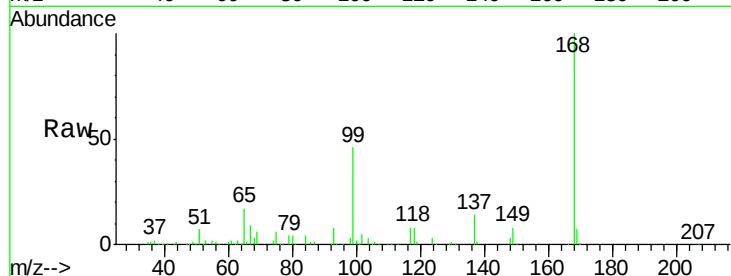
VIBLK

Tot Ion:168 Resp: 334976

Ion Ratio Lower Upper

168 100

99 45.6 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

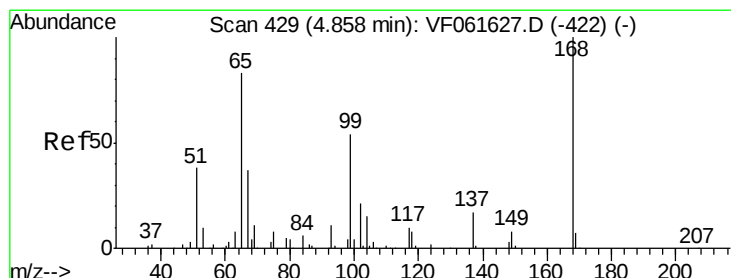
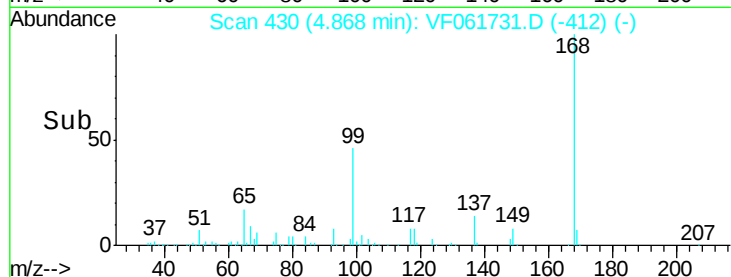
4.87

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.446 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061731.D

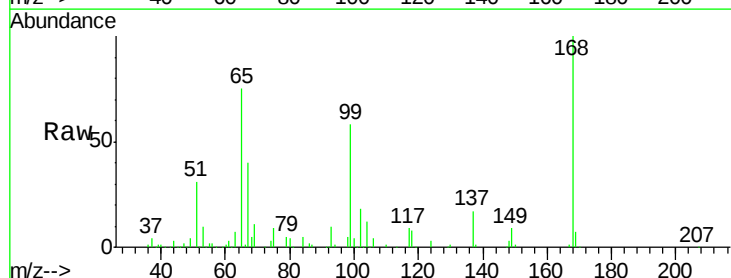
Acq: 25 Feb 2019 15:38

Tgt Ion: 65 Resp: 128829

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

50000

40000

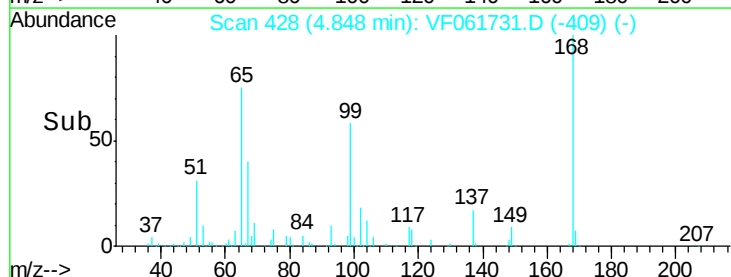
30000

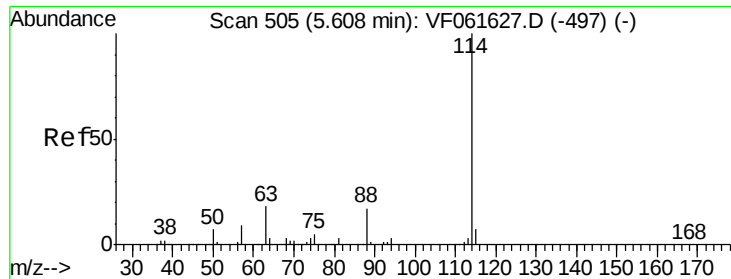
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061731.D

Acq: 25 Feb 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

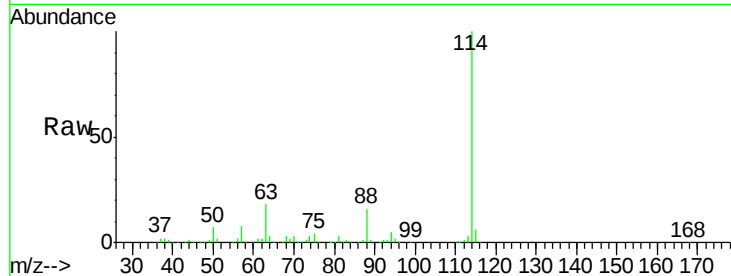
Tot Ion:114 Resp: 488364

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

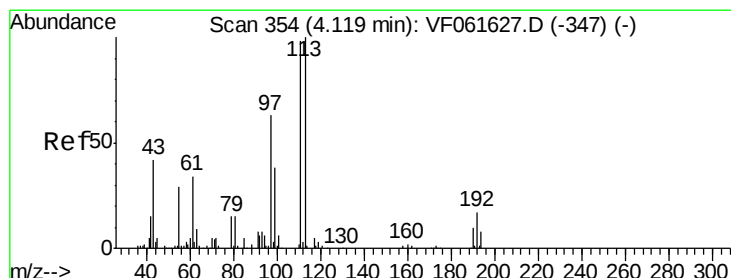
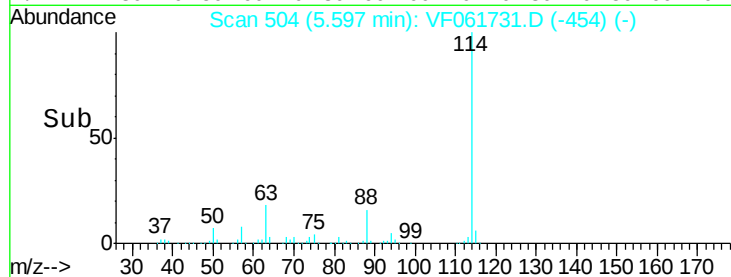
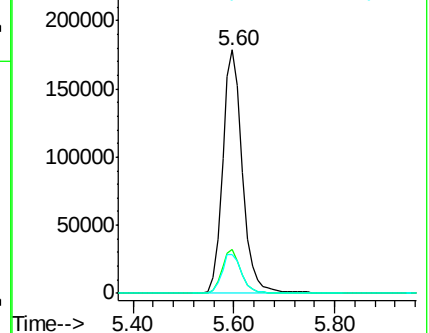
88 16.2 0.0 34.4



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: 52.826 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061731.D

Acq: 25 Feb 2019 15:38

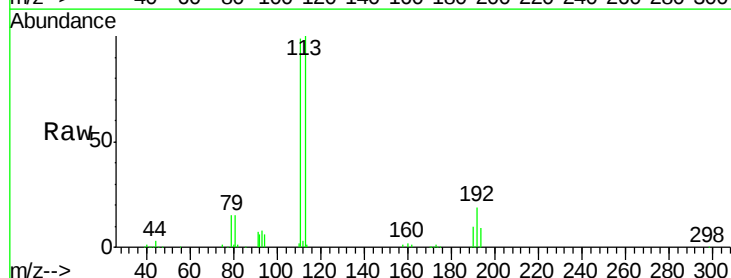
Tgt Ion:113 Resp: 191580

Ion Ratio Lower Upper

113 100

111 99.0 78.8 118.2

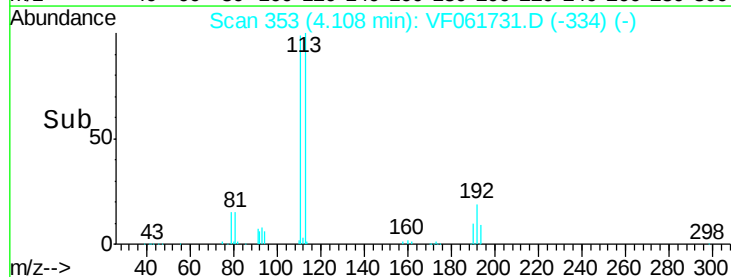
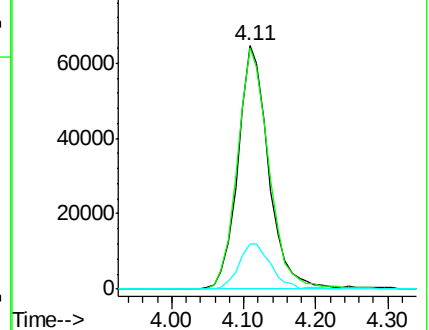
192 19.2 13.4 20.0

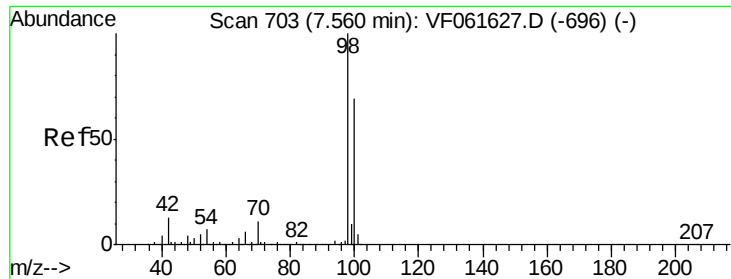


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 50.085 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061731.D

Acq: 25 Feb 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

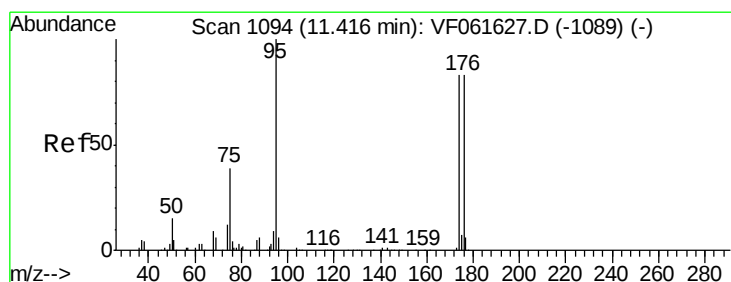
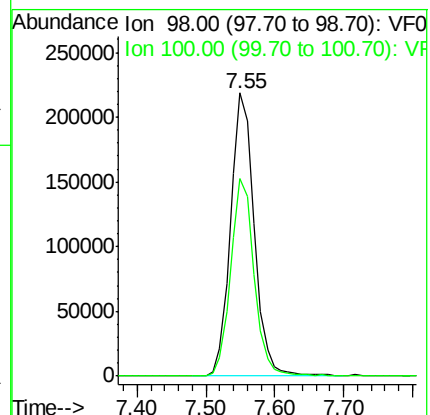
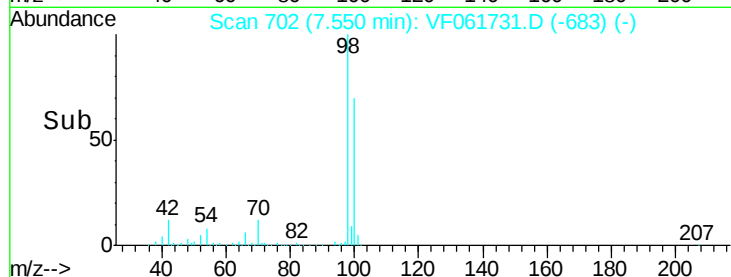
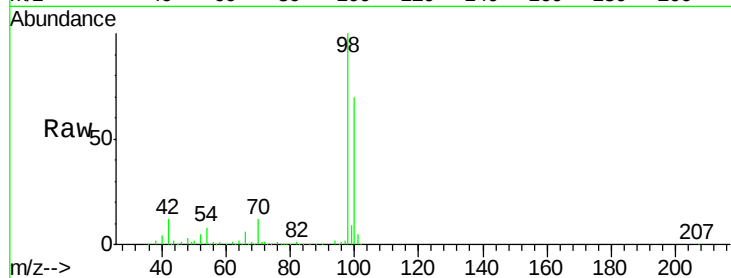
VIBLK

Tot Ion: 98 Resp: 522166

Ion Ratio Lower Upper

98 100

100 69.7 55.4 83.2



#62

4-Bromofluorobenzene

Concen: 54.500 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061731.D

Acq: 25 Feb 2019 15:38

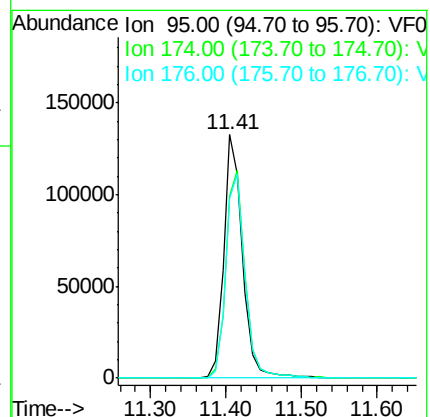
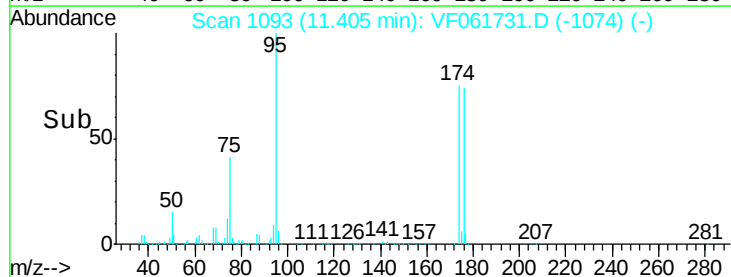
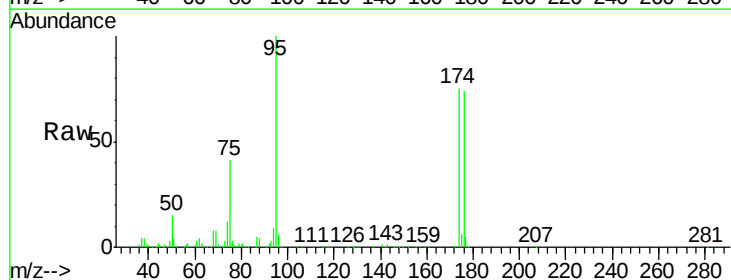
Tgt Ion: 95 Resp: 229899

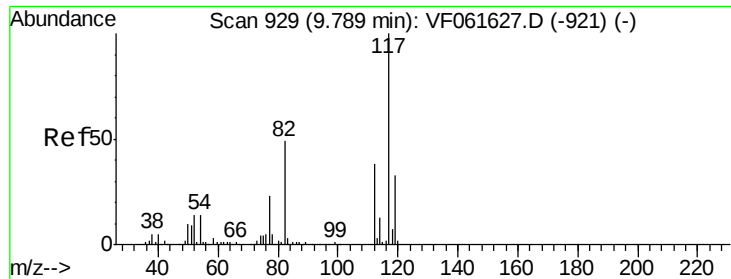
Ion Ratio Lower Upper

95 100

174 74.6 0.0 165.8

176 73.9 0.0 167.0

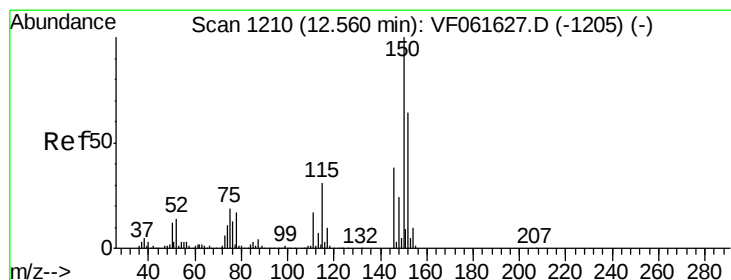
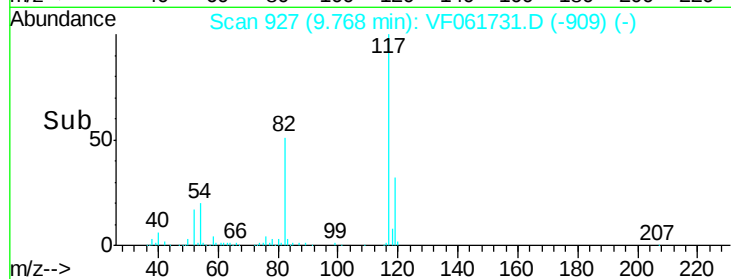
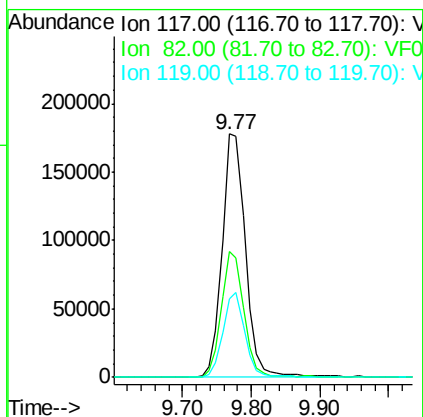
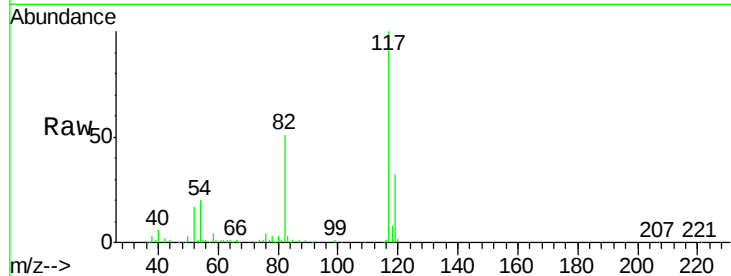




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	39.3	58.9
119	32.4	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.3	24.3	72.8
150	153.0	0.0	312.0

