

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
 Data File : VF061437.D
 Acq On : 17 Jan 2019 11:32
 Operator : VA/AP
 Sample : VF0117SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0117SBL01

Quant Time: Jan 18 03:35:01 2019
 Quant Method : Z:\VOASRV\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	4.84	168	207945	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	360413	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	316284	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	170700	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	131708	51.30	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	102.60%	
35) Dibromofluoromethane	4.09	113	157774	55.48	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	110.96%	
50) Toluene-d8	7.53	98	408978	52.49	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.39	95	199398	54.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.54%	

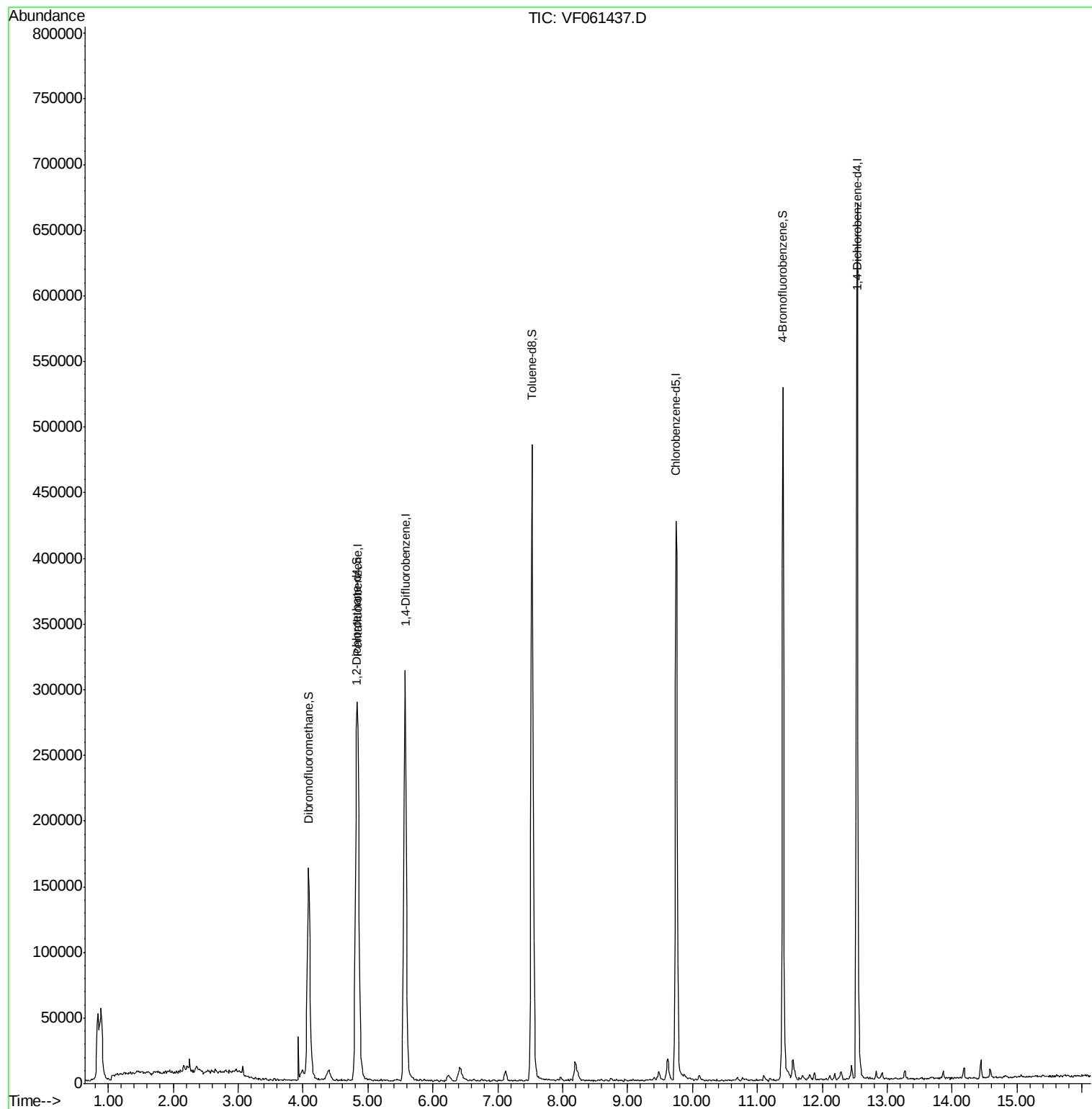
Target Compounds	Qvalue

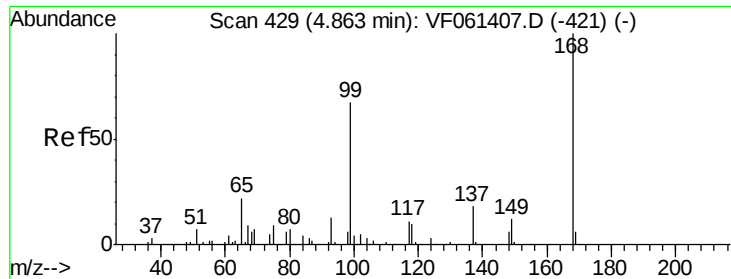
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.84 min Scan# 427

Delta R.T. -0.02 min

Lab File: VF061437.D

Acq: 17 Jan 2019 11:32

Instrument :

MSVOA_F

ClientSampleId :

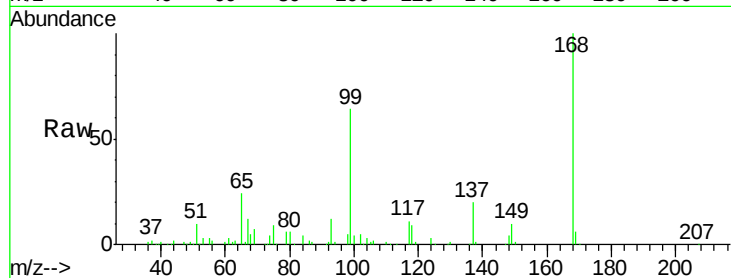
VF0117SBL01

Tot Ion:168 Resp: 207945

Ion Ratio Lower Upper

168 100

99 63.7 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.84

80000

60000

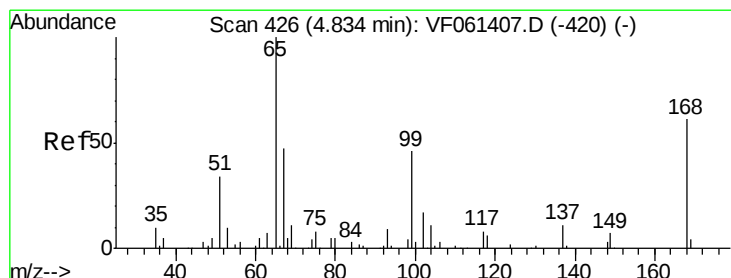
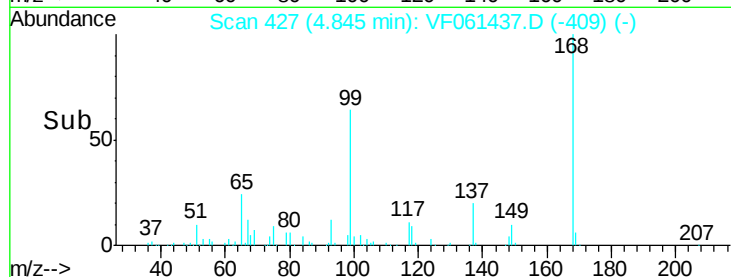
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.301 ug/l

RT: 4.82 min Scan# 424

Delta R.T. -0.02 min

Lab File: VF061437.D

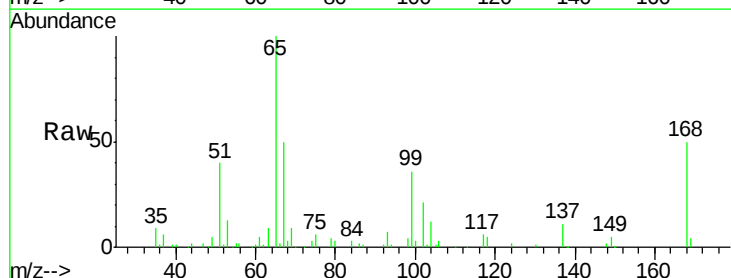
Acq: 17 Jan 2019 11:32

Tgt Ion: 65 Resp: 131708

Ion Ratio Lower Upper

65 100

67 50.3 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

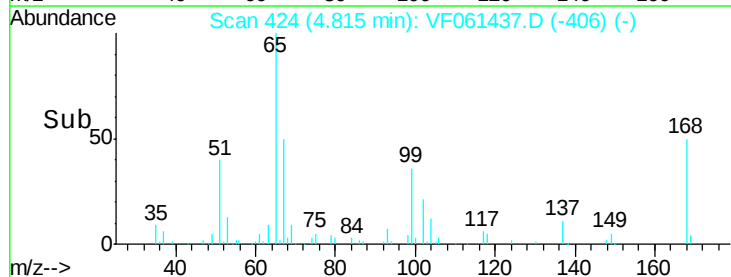
20000

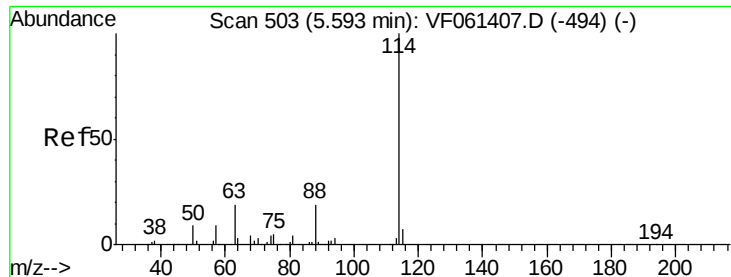
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.02 min

Lab File: VF061437.D

Acq: 17 Jan 2019 11:32

Instrument :

MSVOA_F

ClientSampleId :

VF0117SBL01

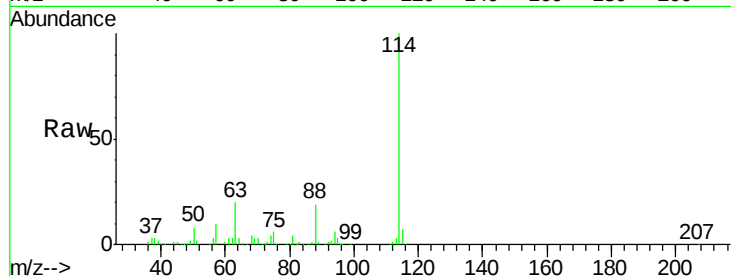
Tot Ion:114 Resp: 360413

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

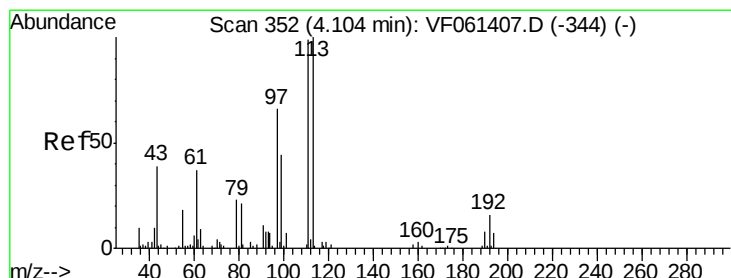
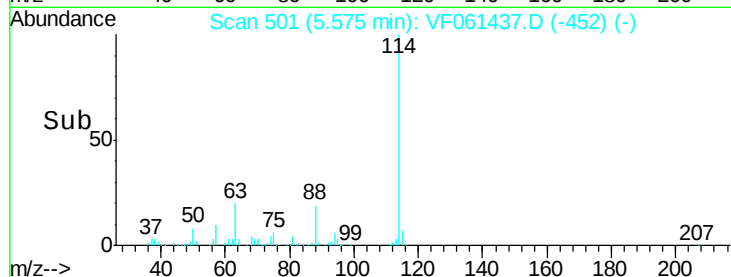
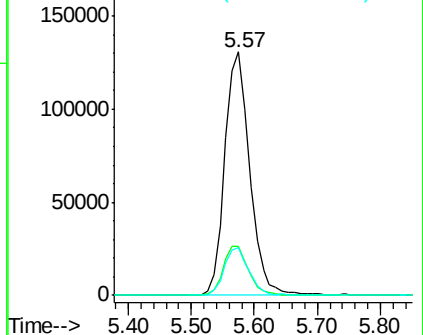
88 19.5 0.0 37.4



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: 55.477 ug/l

RT: 4.09 min Scan# 350

Delta R.T. -0.02 min

Lab File: VF061437.D

Acq: 17 Jan 2019 11:32

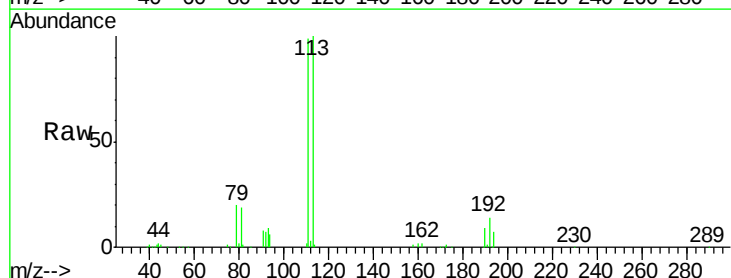
Tgt Ion:113 Resp: 157774

Ion Ratio Lower Upper

113 100

111 98.5 79.4 119.0

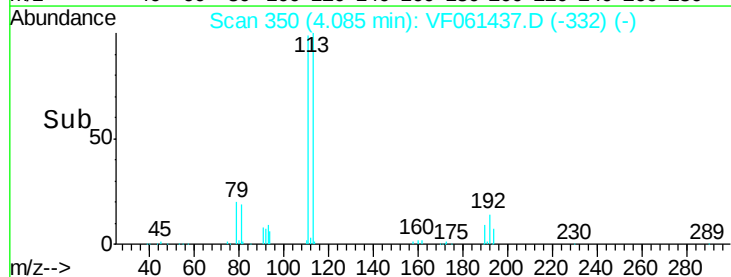
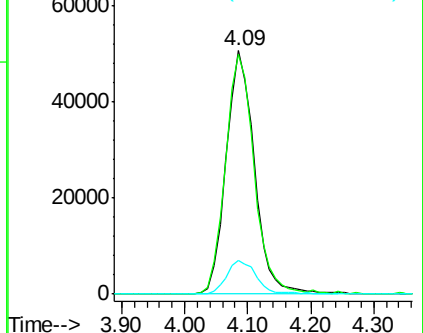
192 14.0 12.4 18.6

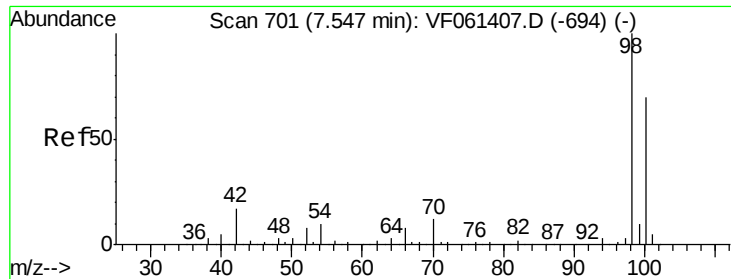


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

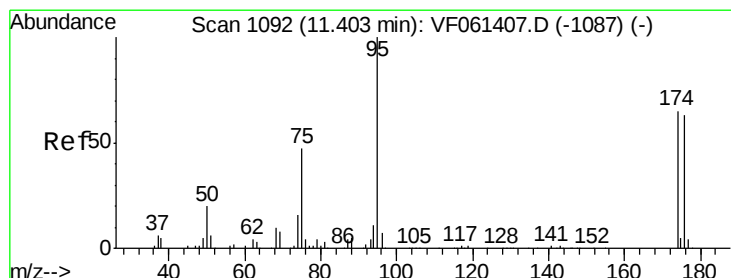
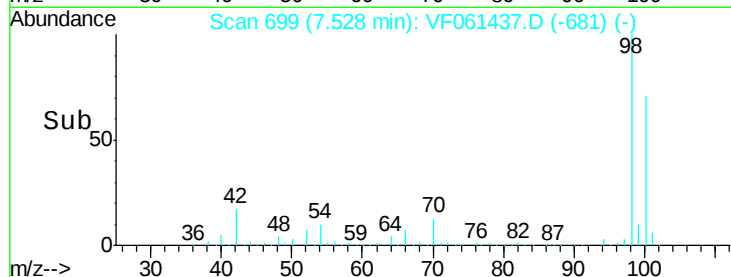
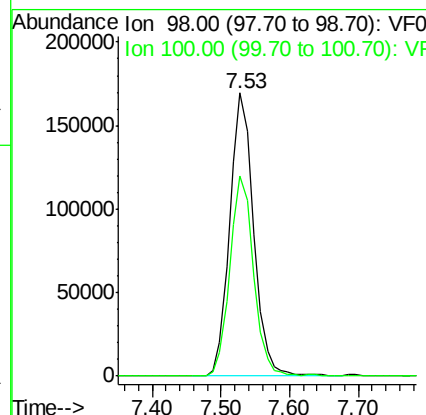
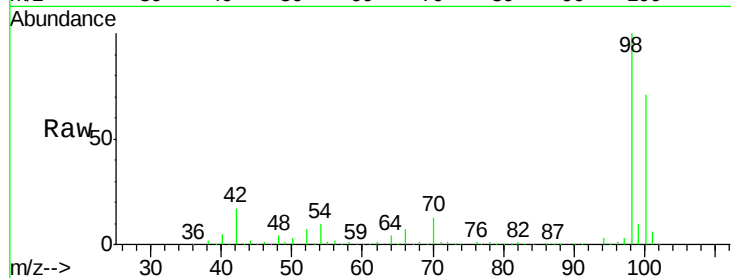




#50
Toluene-d8
Concen: 52.487 ug/l
RT: 7.53 min Scan# 699
Delta R.T. -0.02 min
Lab File: VF061437.D
Acq: 17 Jan 2019 11:32

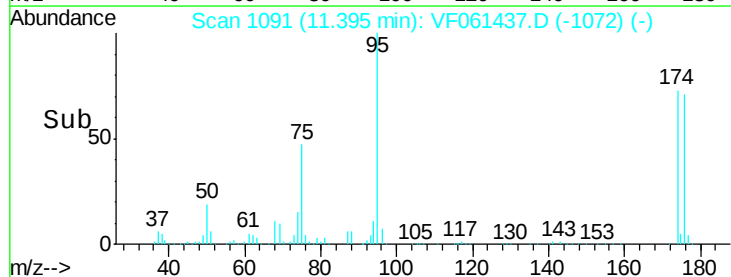
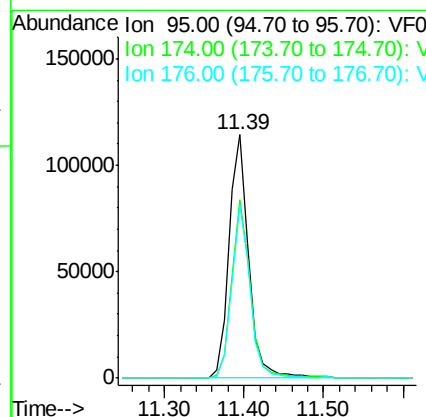
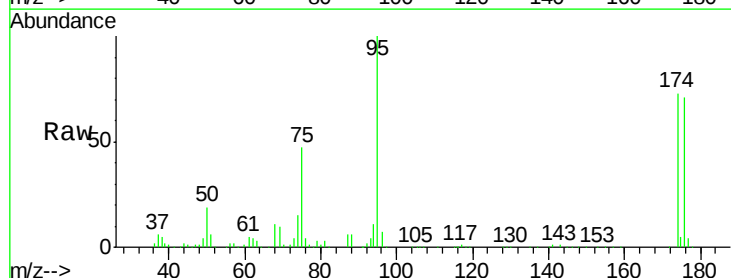
Instrument :
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ClientSampleId :
VF0117SBL01

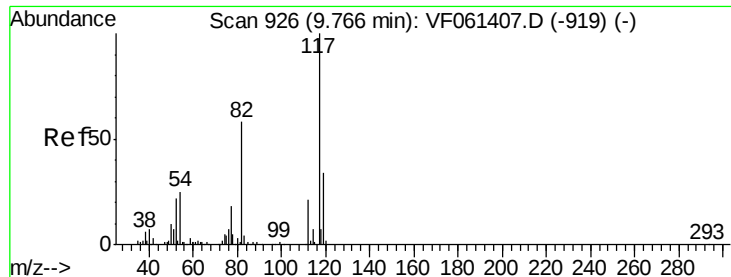
Tot Ion: 98 Resp: 408978
Ion Ratio Lower Upper
98 100
100 70.8 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 54.770 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF061437.D
Acq: 17 Jan 2019 11:32

Tgt Ion: 95 Resp: 199398
Ion Ratio Lower Upper
95 100
174 73.2 0.0 130.4
176 71.1 0.0 126.2

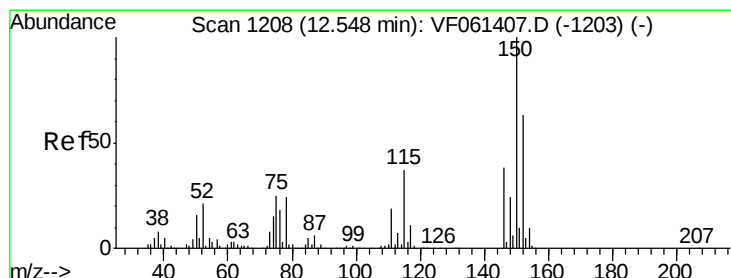
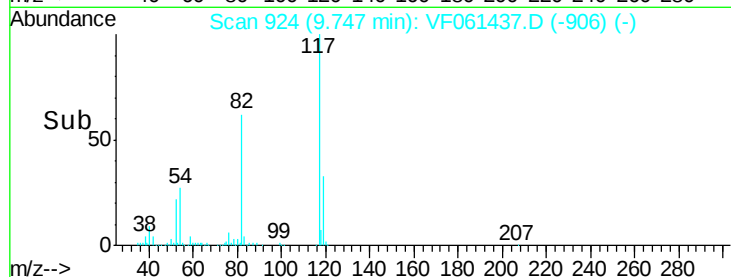
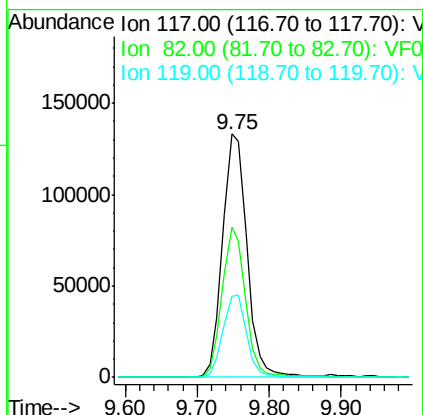
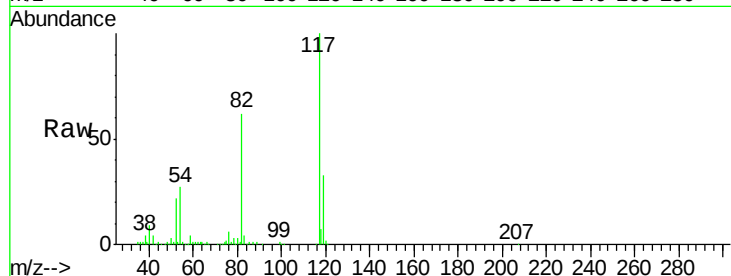




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 924
Delta R.T. -0.02 min
Lab File: VF061437.D
Acq: 17 Jan 2019 11:32

Instrument :
MSVOA_F
ClientSampleId :
VF0117SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	46.4	69.6
119	33.3	27.2	40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061437.D
Acq: 17 Jan 2019 11:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.0	90.0
150	160.4	0.0	321.4

