

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012819\
 Data File : VF061535.D
 Acq On : 28 Jan 2019 12:06
 Operator : VA/AP
 Sample : VF0128SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0128SBL01

Quant Time: Jan 29 05:50:16 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	4.85	168	224317	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	383042	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	331070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	186043	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	126151	45.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	4.09	113	145055	47.99	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	7.53	98	383476	46.31	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.40	95	189827	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

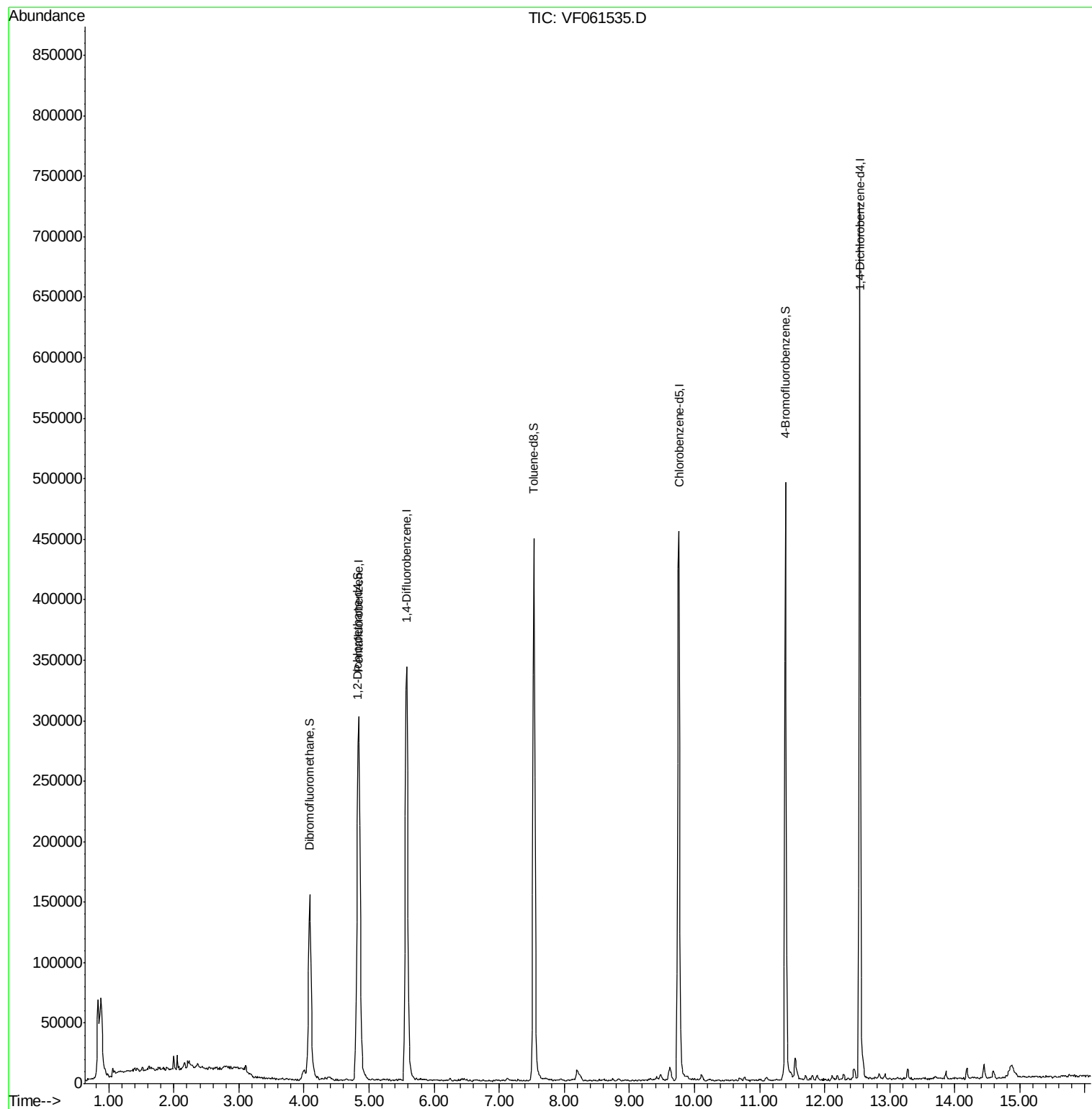
Target Compounds	Qvalue

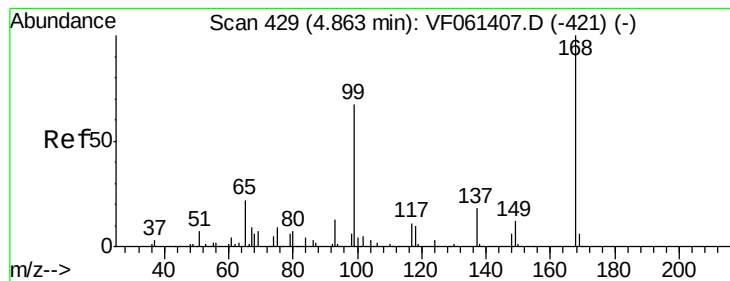
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061535.D

Acq: 28 Jan 2019 12:06

Instrument :

MSVOA_F

ClientSampleId :

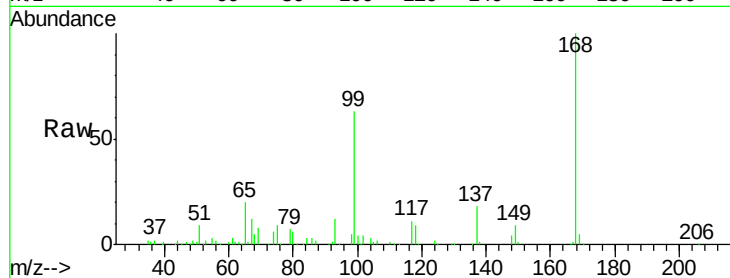
VF0128SBL01

Tot Ion:168 Resp: 224317

Ion Ratio Lower Upper

168 100

99 63.4 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

80000

60000

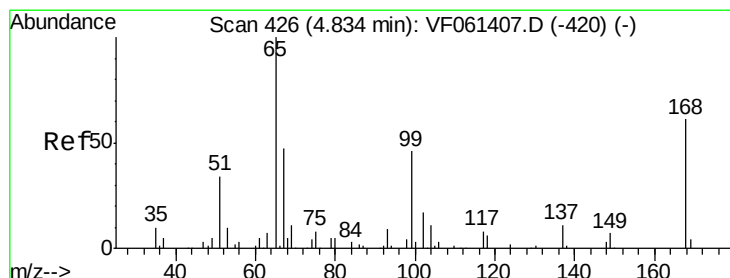
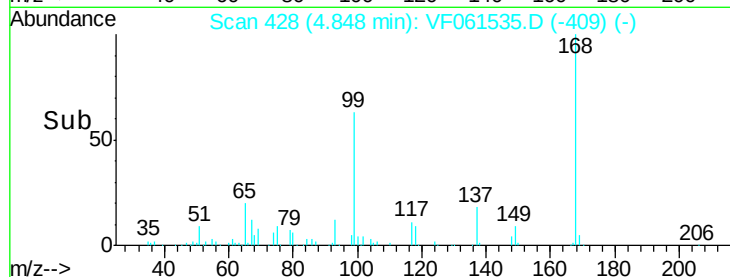
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.550 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF061535.D

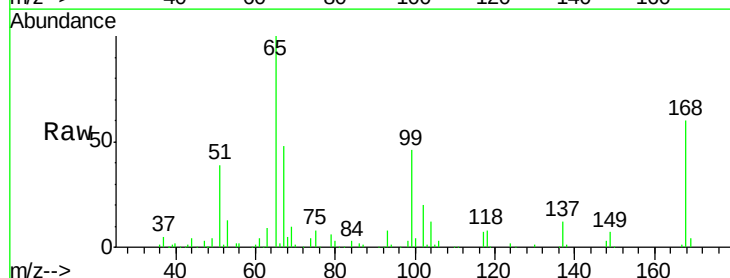
Acq: 28 Jan 2019 12:06

Tgt Ion: 65 Resp: 126151

Ion Ratio Lower Upper

65 100

67 48.5 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

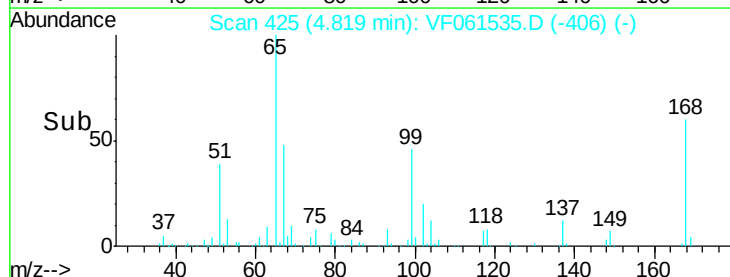
20000

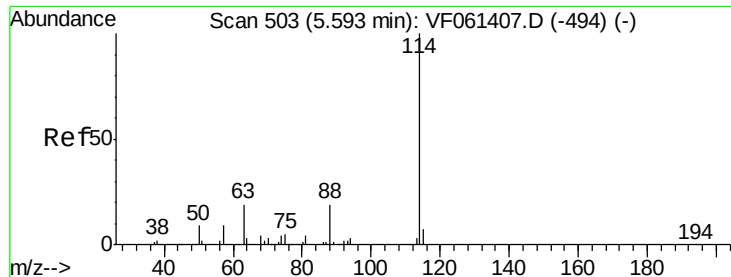
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061535.D

Acq: 28 Jan 2019 12:06

Instrument :

MSVOA_F

ClientSampleId :

VF0128SBL01

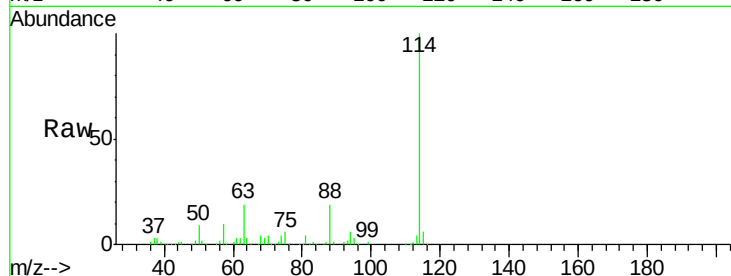
Tot Ion:114 Resp: 383042

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.0

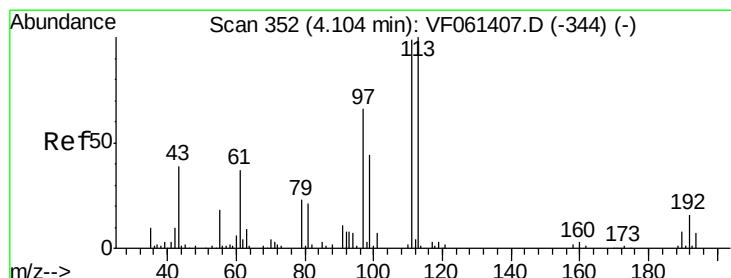
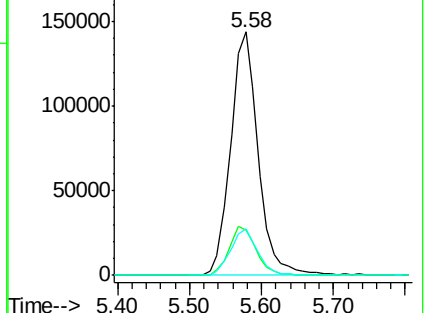
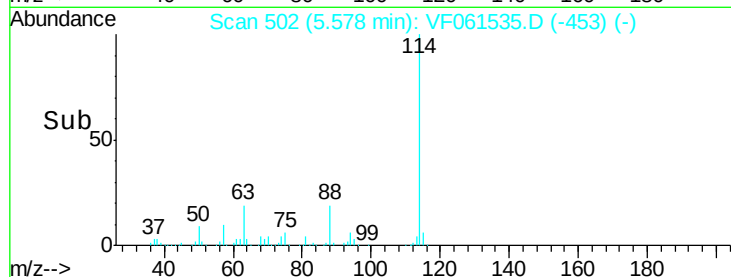
88 19.2 0.0 37.4



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: 47.991 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061535.D

Acq: 28 Jan 2019 12:06

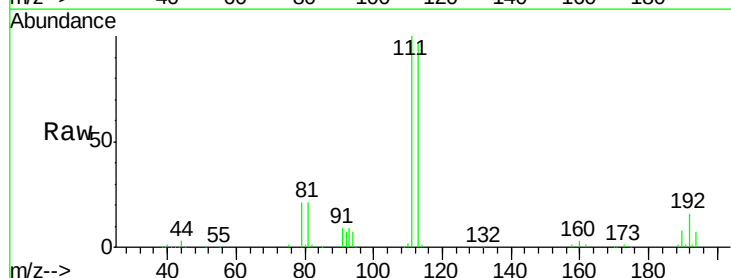
Tgt Ion:113 Resp: 145055

Ion Ratio Lower Upper

113 100

111 102.6 79.4 119.0

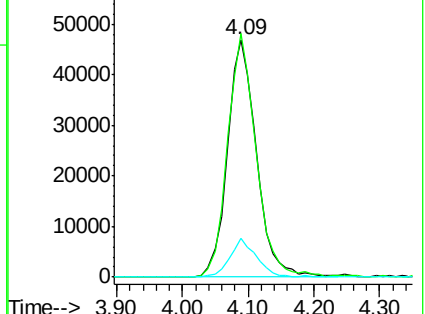
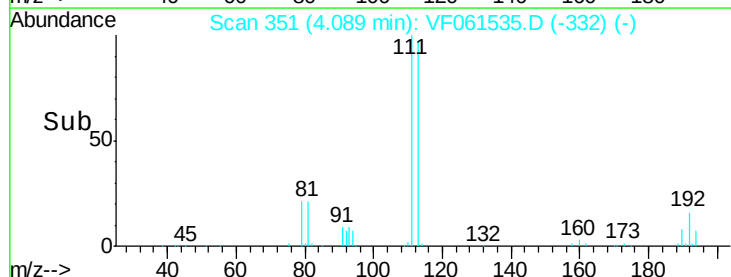
192 16.3 12.4 18.6

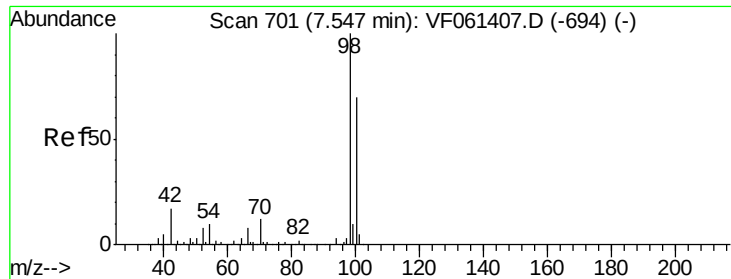


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

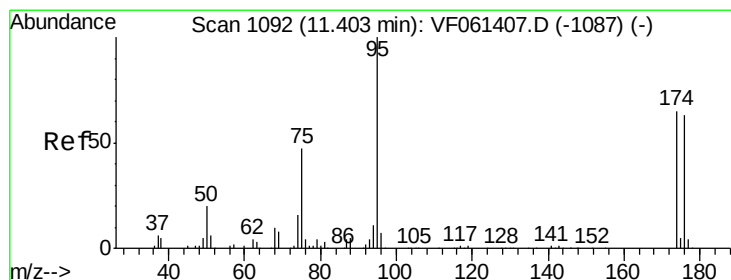
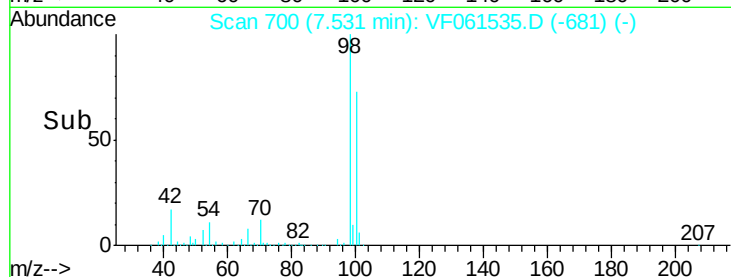
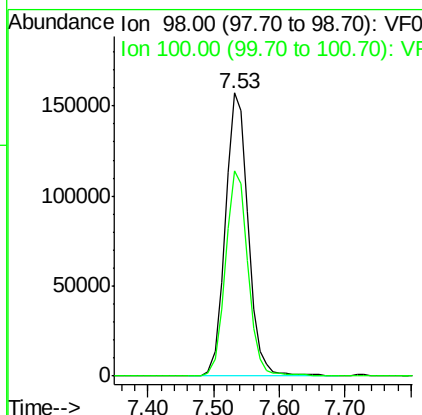
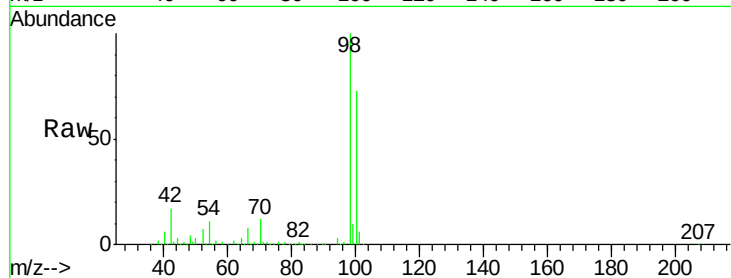




#50
Toluene-d8
Concen: 46.307 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061535.D
Acq: 28 Jan 2019 12:06

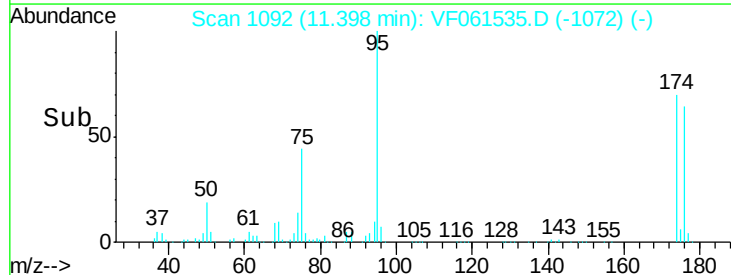
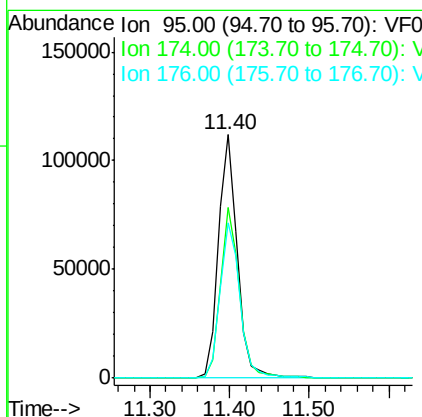
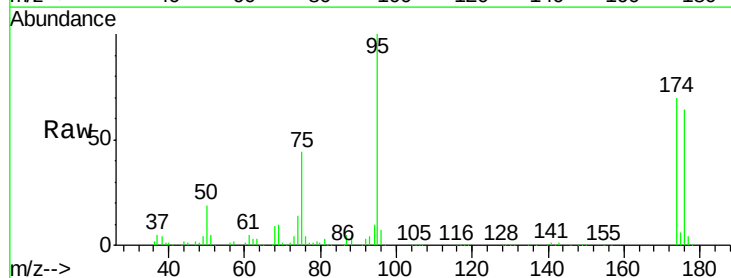
Instrument :
MSVOA_F
ClientSampleId :
VF0128SBL01

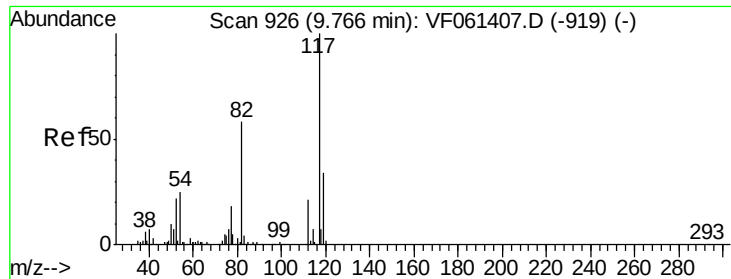
Tot Ion: 98 Resp: 383476
Ion Ratio Lower Upper
98 100
100 72.6 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 49.061 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061535.D
Acq: 28 Jan 2019 12:06

Tgt Ion: 95 Resp: 189827
Ion Ratio Lower Upper
95 100
174 69.9 0.0 130.4
176 64.0 0.0 126.2

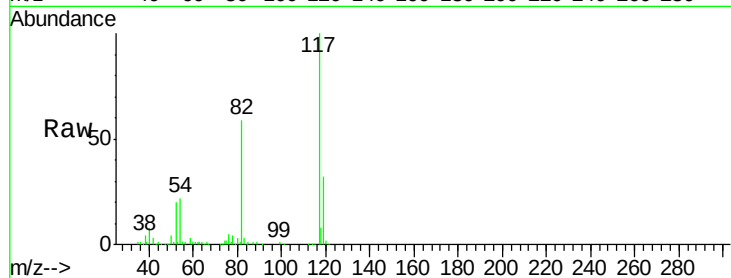




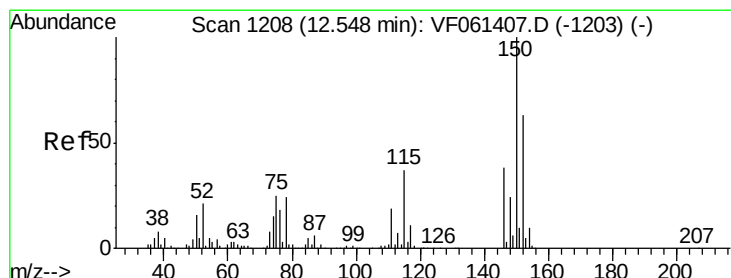
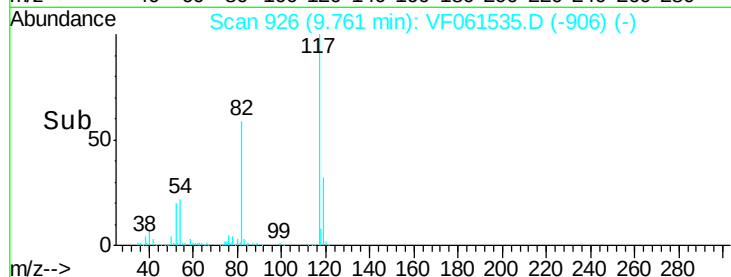
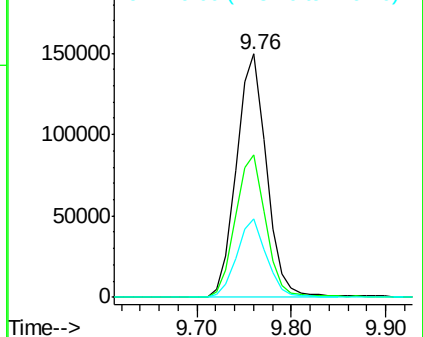
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061535.D
Acq: 28 Jan 2019 12:06

Instrument :
MSVOA_F
ClientSampleId :
VF0128SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.4	69.6
119	32.3	27.2	40.8

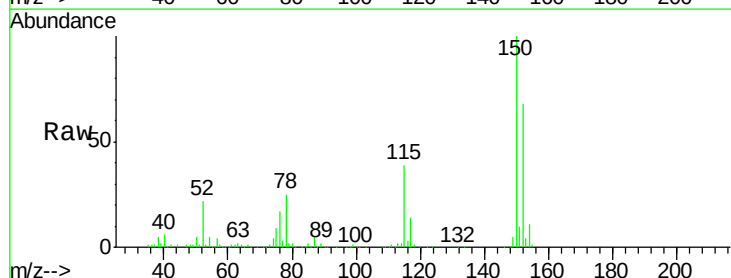


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061535.D
Acq: 28 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	30.0	90.0
150	147.6	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

