

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021819\
 Data File : VF061671.D
 Acq On : 18 Feb 2019 11:33
 Operator : VA/AP
 Sample : VF0218SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0218SBL01

Quant Time: Feb 19 02:40:20 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	4.88	168	322579	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	496255	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	409917	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	255046	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	128602	54.37	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	4.12	113	204604	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
50) Toluene-d8	7.56	98	530147	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.42	95	224638	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

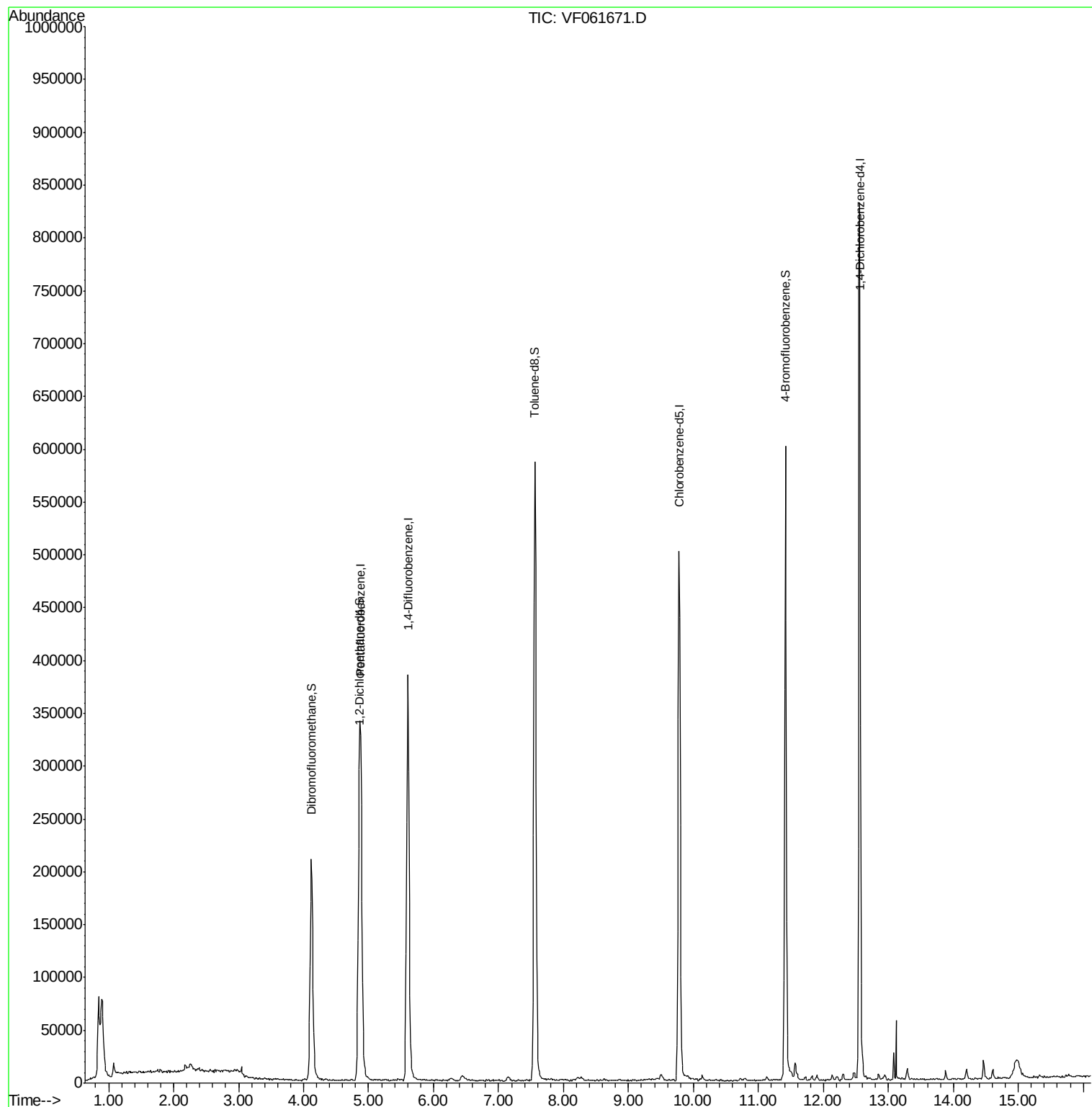
Target Compounds	Qvalue

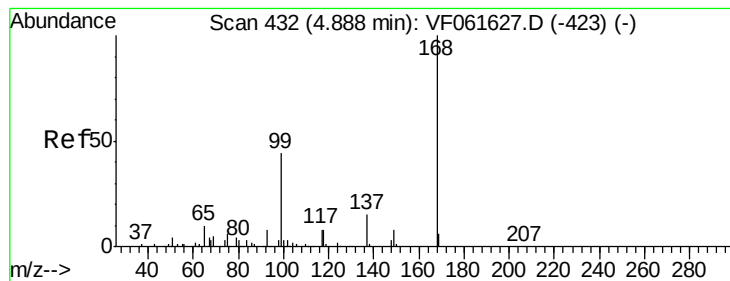
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021819\
Data File : VF061671.D
Acq On : 18 Feb 2019 11:33
Operator : VA/AP
Sample : VF0218SBL01
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0218SBL01

Quant Time: Feb 19 02:40:20 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: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF061671.D

Acq: 18 Feb 2019 11:33

Instrument :

MSVOA_F

ClientSampleId :

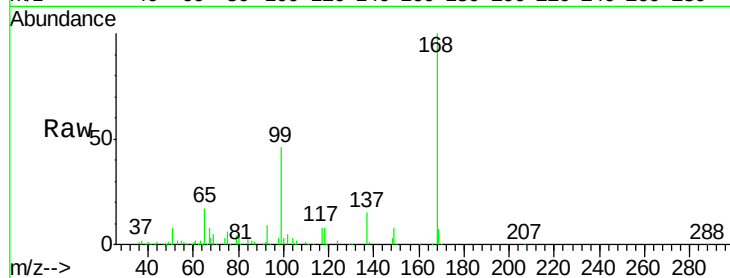
VF0218SBL01

Tot Ion:168 Resp: 322579

Ion Ratio Lower Upper

168 100

99 45.9 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.88

120000

100000

80000

60000

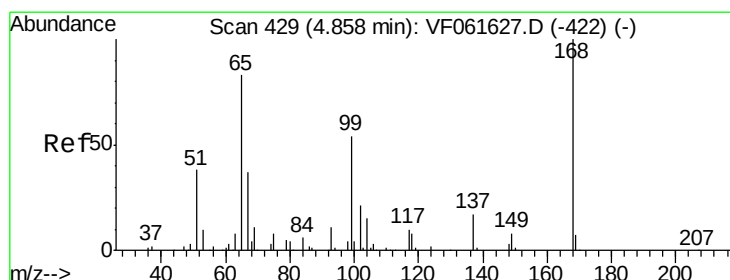
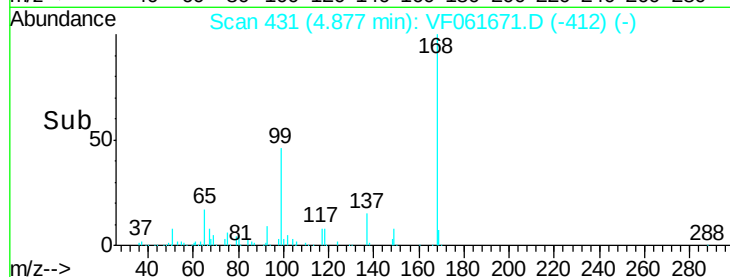
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 54.365 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061671.D

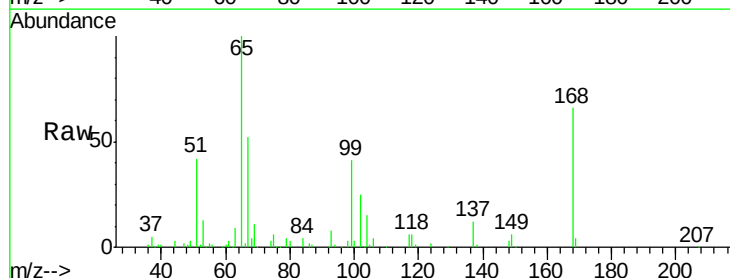
Acq: 18 Feb 2019 11:33

Tgt Ion: 65 Resp: 128602

Ion Ratio Lower Upper

65 100

67 52.2 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

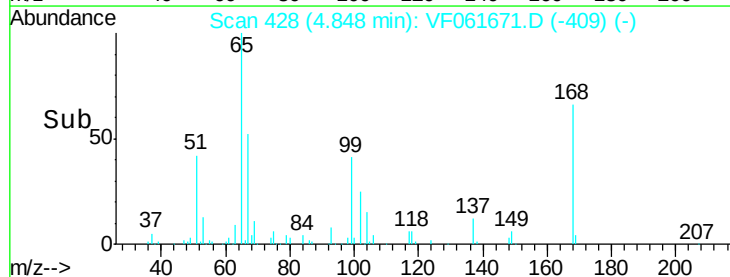
20000

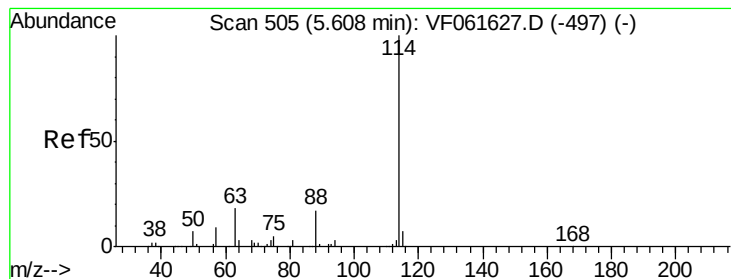
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.00 min

Lab File: VF061671.D

Acq: 18 Feb 2019 11:33

Instrument :

MSVOA_F

ClientSampleId :

VF0218SBL01

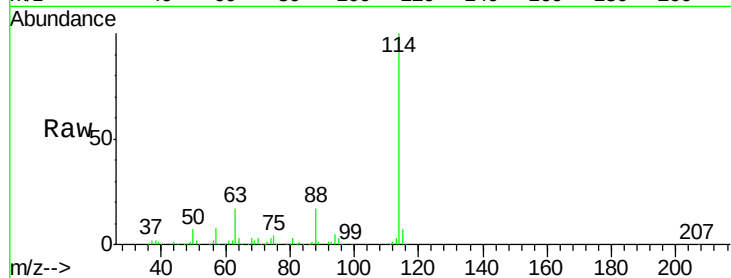
Tot Ion:114 Resp: 496255

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

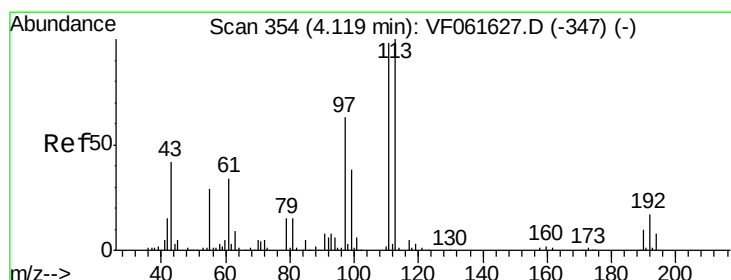
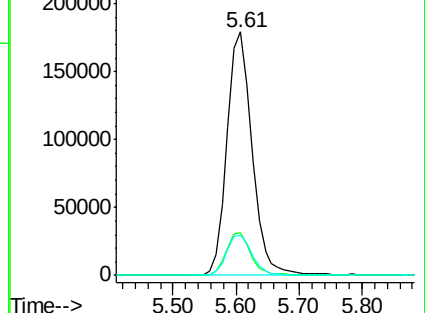
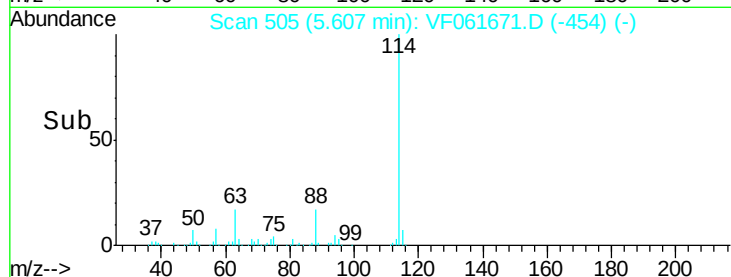
88 16.6 0.0 34.4



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: 55.520 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.00 min

Lab File: VF061671.D

Acq: 18 Feb 2019 11:33

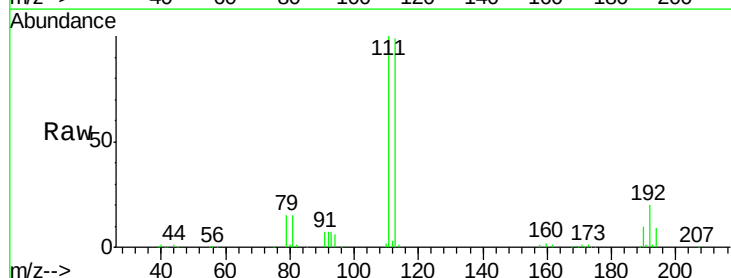
Tgt Ion:113 Resp: 204604

Ion Ratio Lower Upper

113 100

111 101.2 78.8 118.2

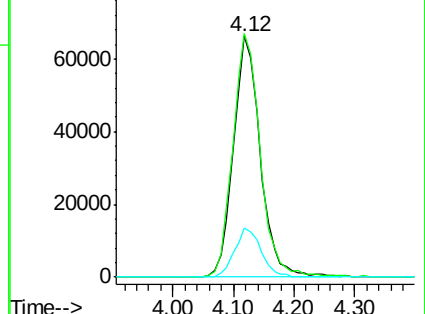
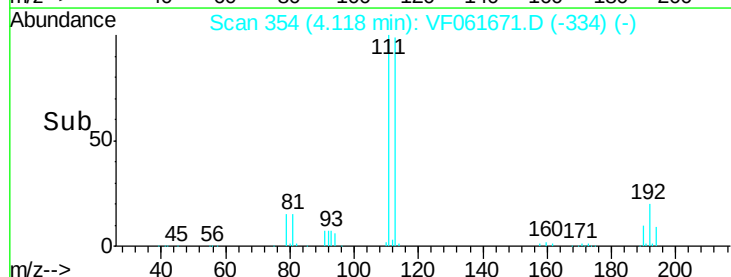
192 20.7 13.4 20.0#

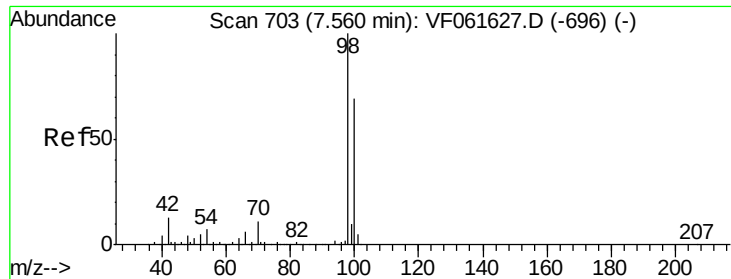


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

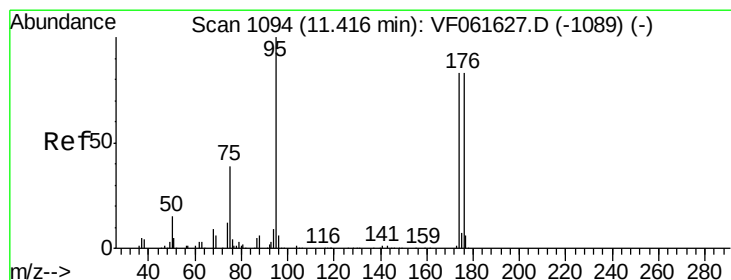
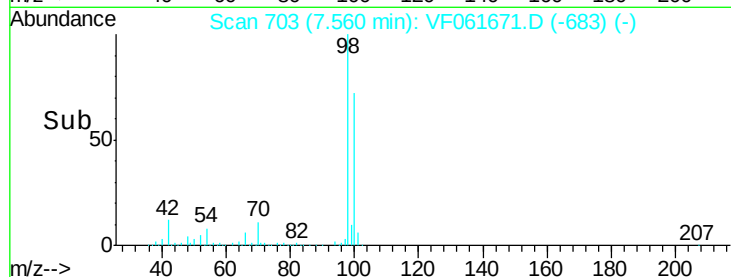
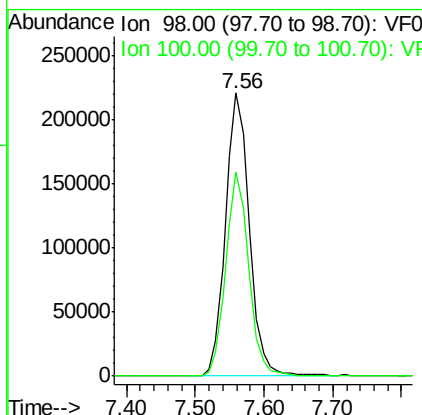
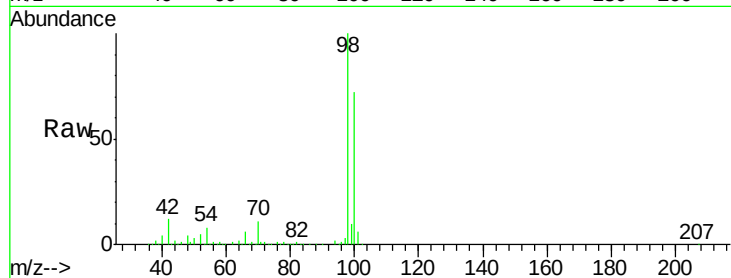




#50
Toluene-d8
Concen: 50.042 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF061671.D
Acq: 18 Feb 2019 11:33

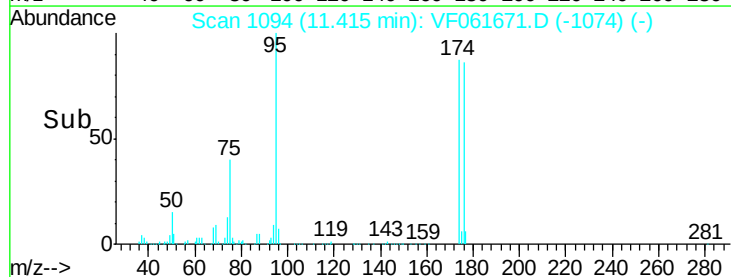
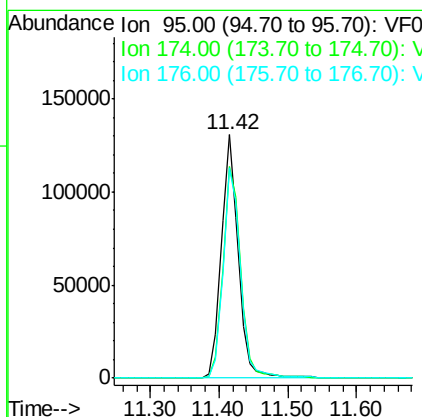
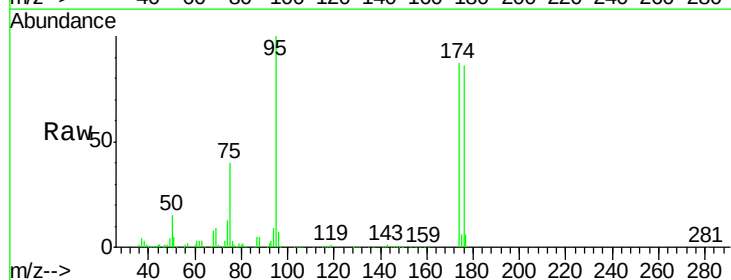
Instrument :
MSVOA_F
ClientSampleId :
VF0218SBL01

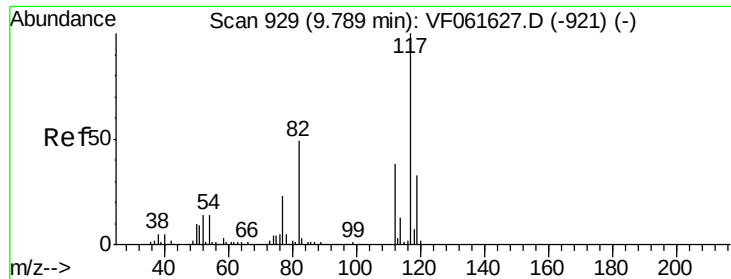
Tot Ion: 98 Resp: 530147
Ion Ratio Lower Upper
98 100
100 72.1 55.4 83.2



#62
4-Bromofluorobenzene
Concen: 52.406 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VF061671.D
Acq: 18 Feb 2019 11:33

Tgt Ion: 95 Resp: 224638
Ion Ratio Lower Upper
95 100
174 86.8 0.0 165.8
176 86.3 0.0 167.0

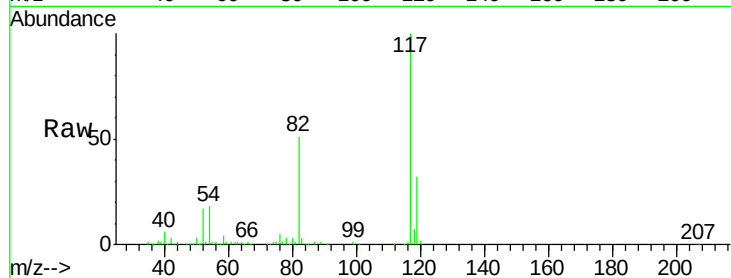




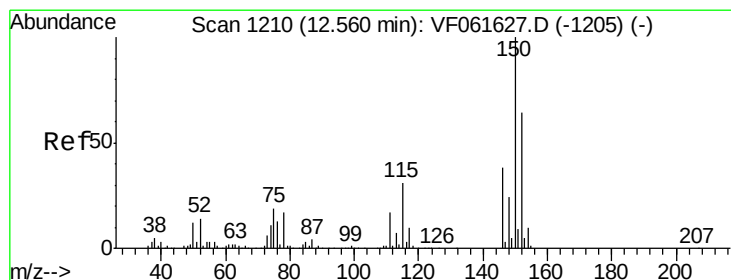
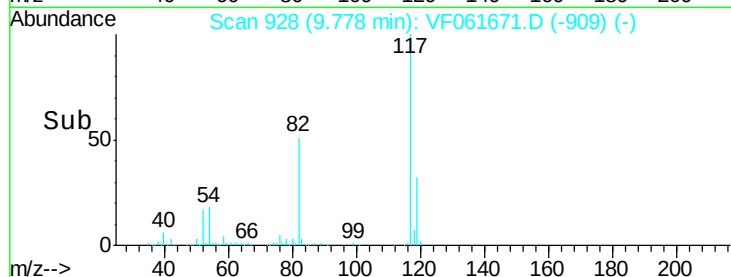
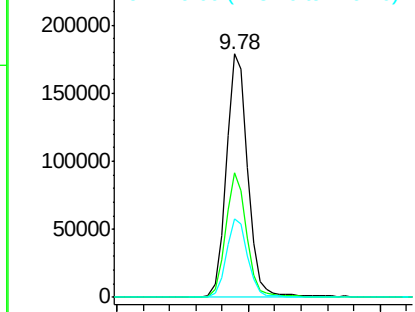
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061671.D
Acq: 18 Feb 2019 11:33

Instrument :
MSVOA_F
ClientSampleId :
VF0218SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	39.3	58.9
119	32.4	26.6	40.0

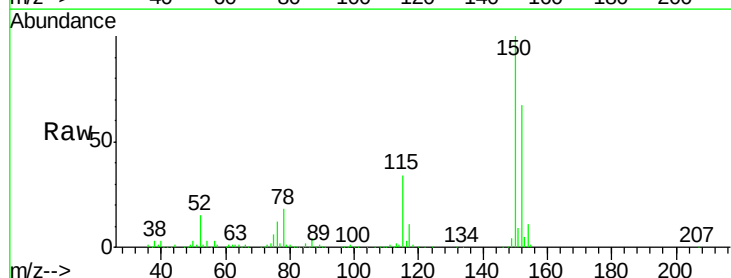


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VF061671.D
Acq: 18 Feb 2019 11:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.5	24.3	72.8
150	150.0	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

