

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010219\
 Data File : VF061247.D
 Acq On : 2 Jan 2019 11:42
 Operator : VA/AP
 Sample : VF0102SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0102SBL01

Quant Time: Jan 02 15:02:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	219594	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	351839	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	316666	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	178051	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	138372	48.99	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	4.10	113	160000	56.77	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	113.54%	
50) Toluene-d8	7.54	98	419060	52.47	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.39	95	202406	54.97	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	109.94%	

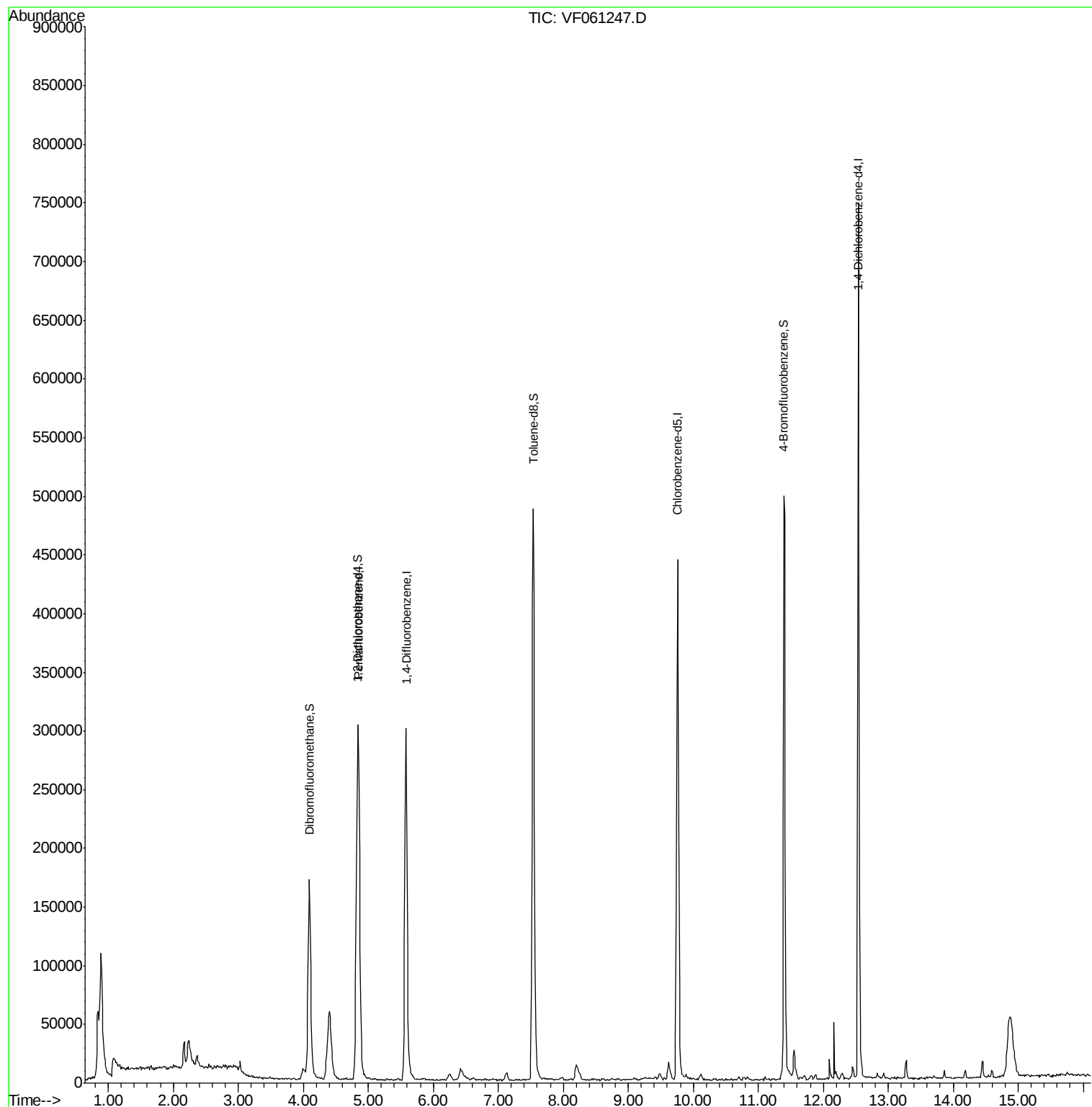
Target Compounds	Qvalue

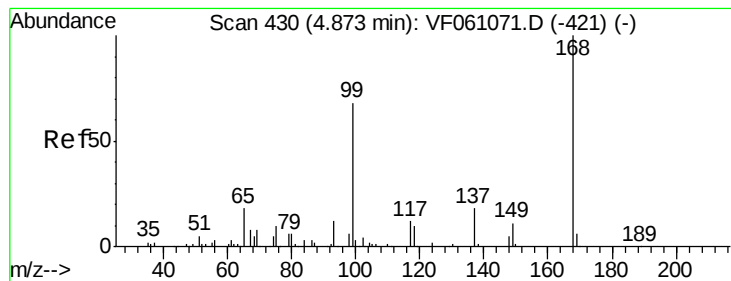
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061247.D

Acq: 2 Jan 2019 11:42

Instrument :

MSVOA_F

ClientSampleId :

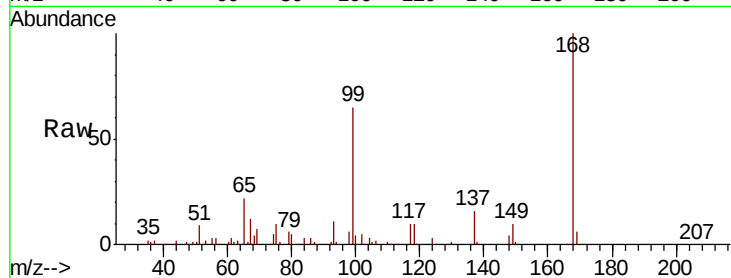
VF0102SBL01

Tot Ion:168 Resp: 219594

Ion Ratio Lower Upper

168 100

99 65.4 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

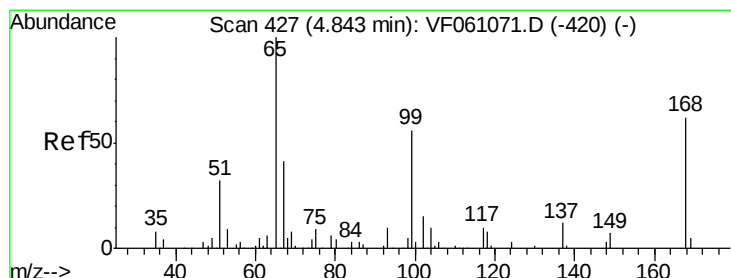
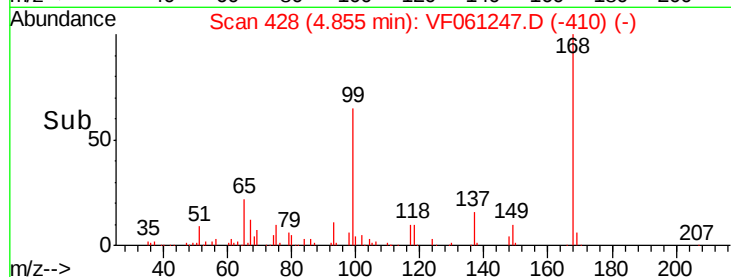
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.992 ug/l

RT: 4.83 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF061247.D

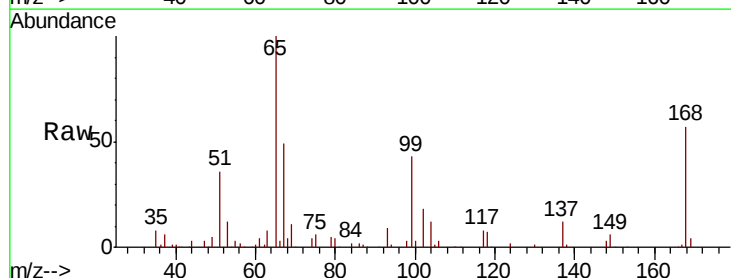
Acq: 2 Jan 2019 11:42

Tgt Ion: 65 Resp: 138372

Ion Ratio Lower Upper

65 100

67 49.1 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

50000

40000

30000

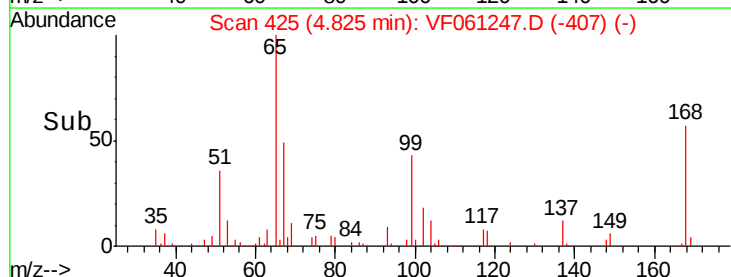
20000

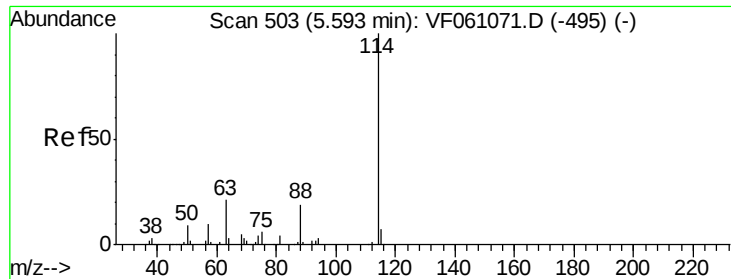
10000

0

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. -0.01 min

Lab File: VF061247.D

Acq: 2 Jan 2019 11:42

Instrument :

MSVOA_F

ClientSampleId :

VF0102SBL01

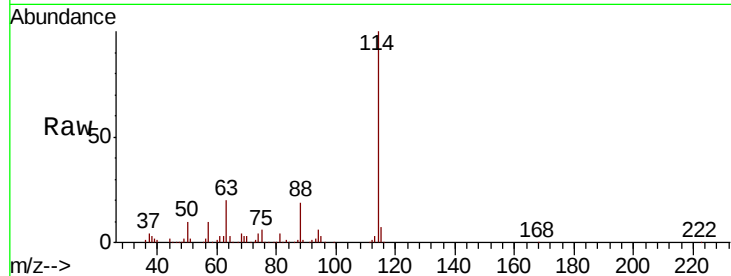
Tot Ion:114 Resp: 351839

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

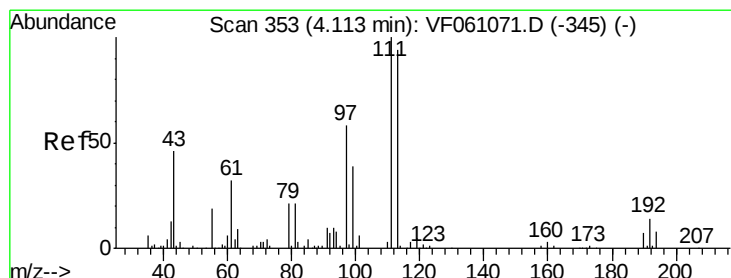
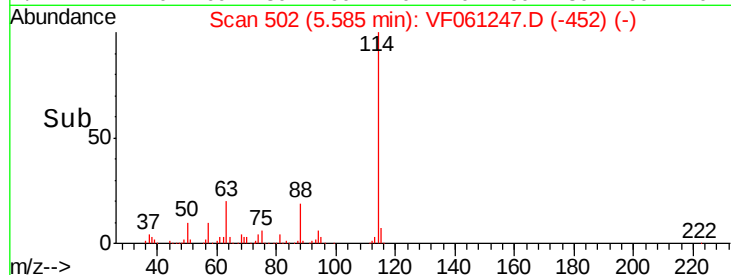
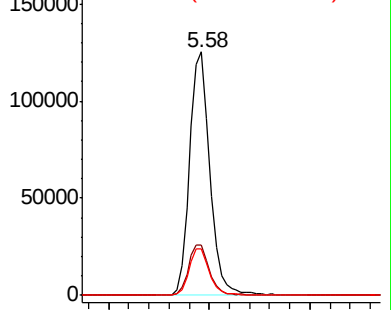
88 19.0 0.0 38.0



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: 56.769 ug/l

RT: 4.10 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061247.D

Acq: 2 Jan 2019 11:42

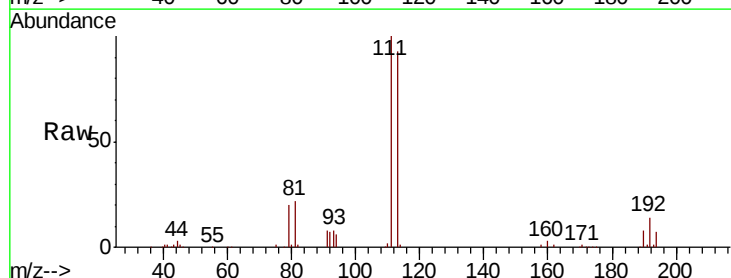
Tgt Ion:113 Resp: 160000

Ion Ratio Lower Upper

113 100

111 107.5 85.2 127.8

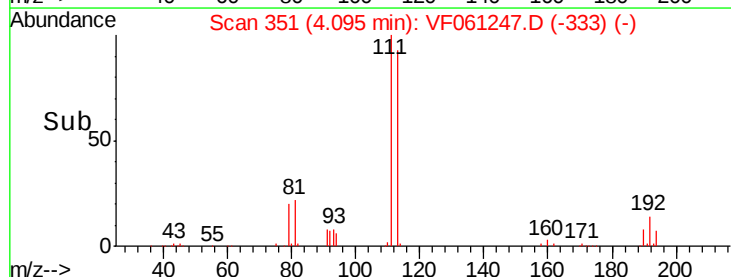
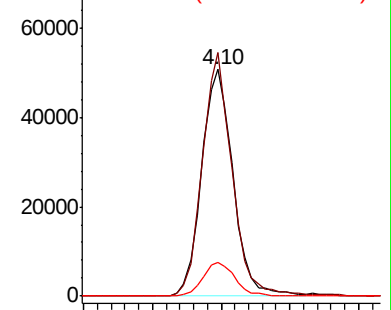
192 15.0 12.8 19.2

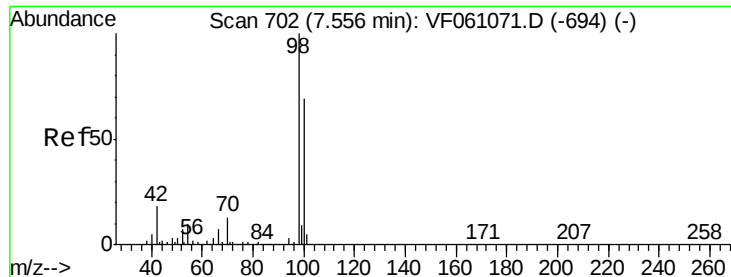


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

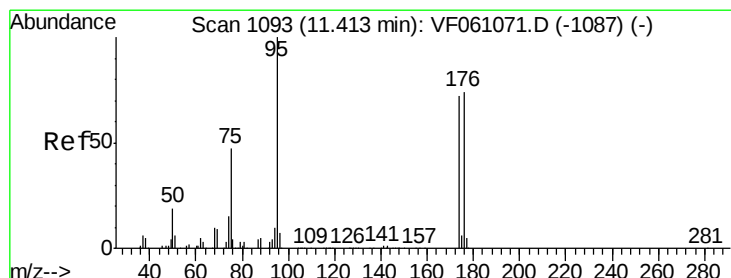
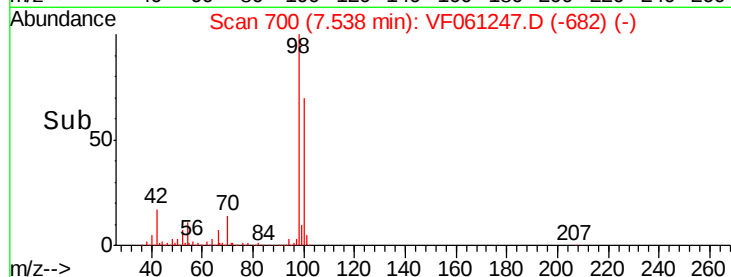
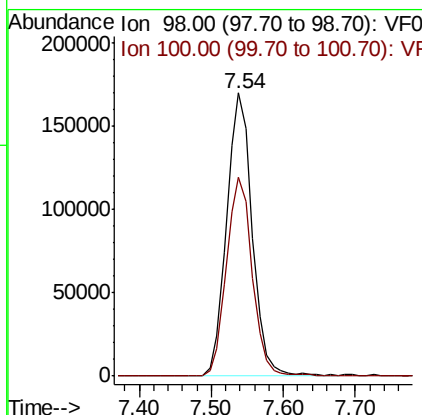
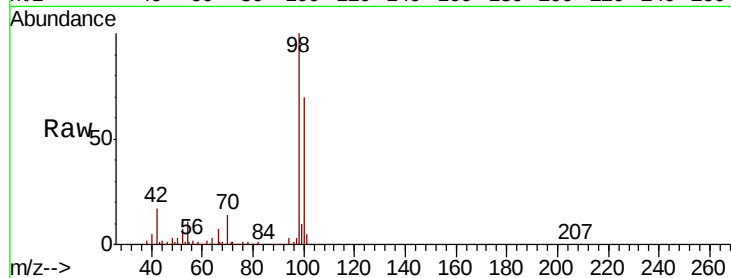




#50
Toluene-d8
Concen: 52.467 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061247.D
Acq: 2 Jan 2019 11:42

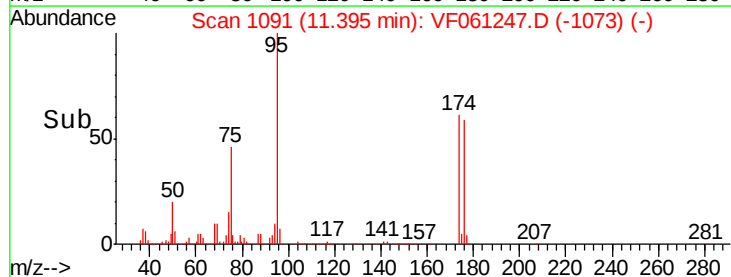
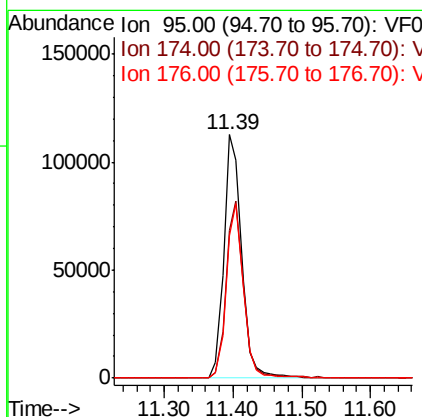
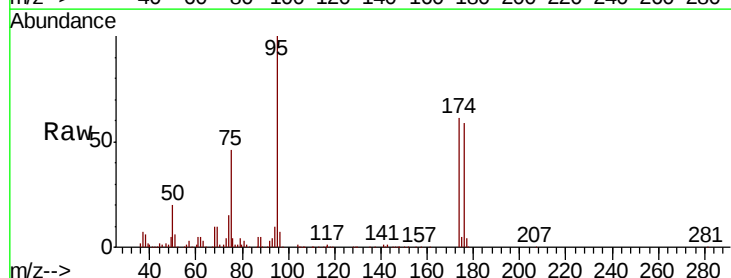
Instrument :
MSVOA_F
ClientSampleId :
VF0102SBL01

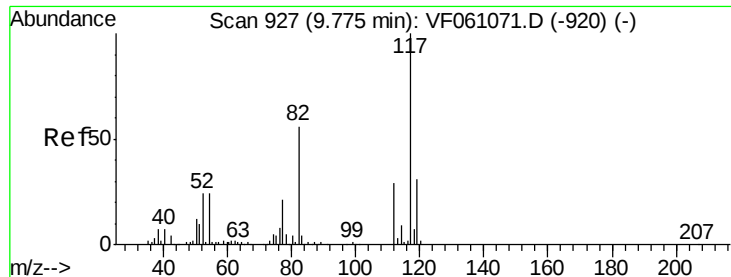
Tot Ion: 98 Resp: 419060
Ion Ratio Lower Upper
98 100
100 70.1 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 54.969 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061247.D
Acq: 2 Jan 2019 11:42

Tgt Ion: 95 Resp: 202406
Ion Ratio Lower Upper
95 100
174 60.7 0.0 143.8
176 58.6 0.0 147.6

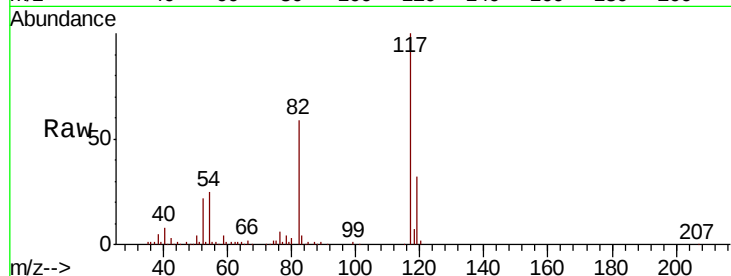




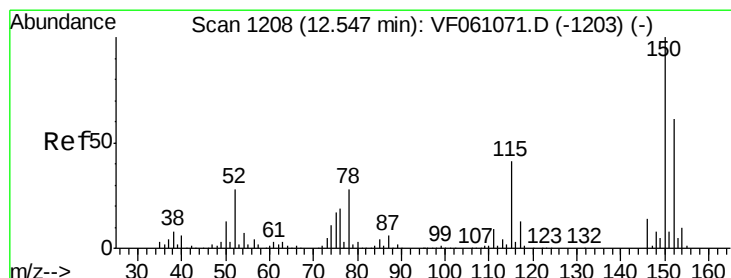
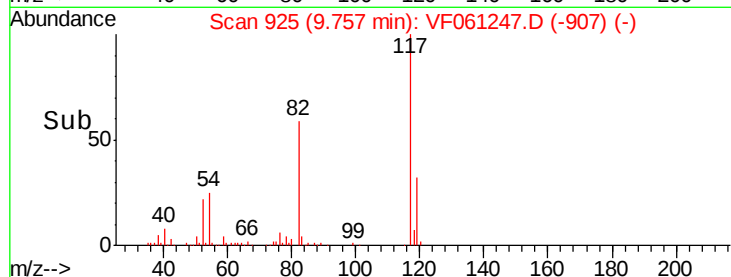
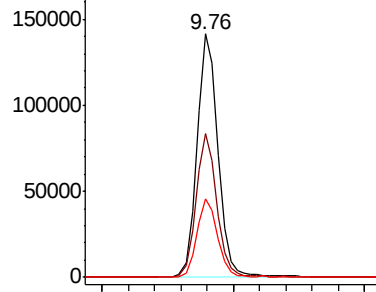
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061247.D
Acq: 2 Jan 2019 11:42

Instrument :
MSVOA_F
ClientSampleId :
VF0102SBL01

Tot Ion:117 Resp: 316666
Ion Ratio Lower Upper
117 100
82 59.3 45.0 67.4
119 32.3 24.8 37.2

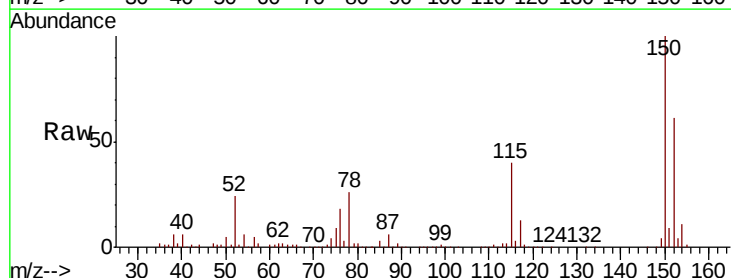


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061247.D
Acq: 2 Jan 2019 11:42

Tgt Ion:152 Resp: 178051
Ion Ratio Lower Upper
152 100
115 66.8 33.3 99.9
150 164.9 0.0 328.2



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

