

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
 Data File : VF061919.D
 Acq On : 12 Mar 2019 21:57
 Operator : VA/AP
 Sample : K1697-07
 Misc : 6.16g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-04-031119-B

Quant Time: Mar 13 03:31:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	288851	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	452164	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	358274	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	199793	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	118931	56.54	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	113.08%	
35) Dibromofluoromethane	4.09	113	169615	53.75	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	107.50%	
50) Toluene-d8	7.53	98	404851	43.17	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	86.34%	
62) 4-Bromofluorobenzene	11.40	95	169655	46.18	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	92.36%	

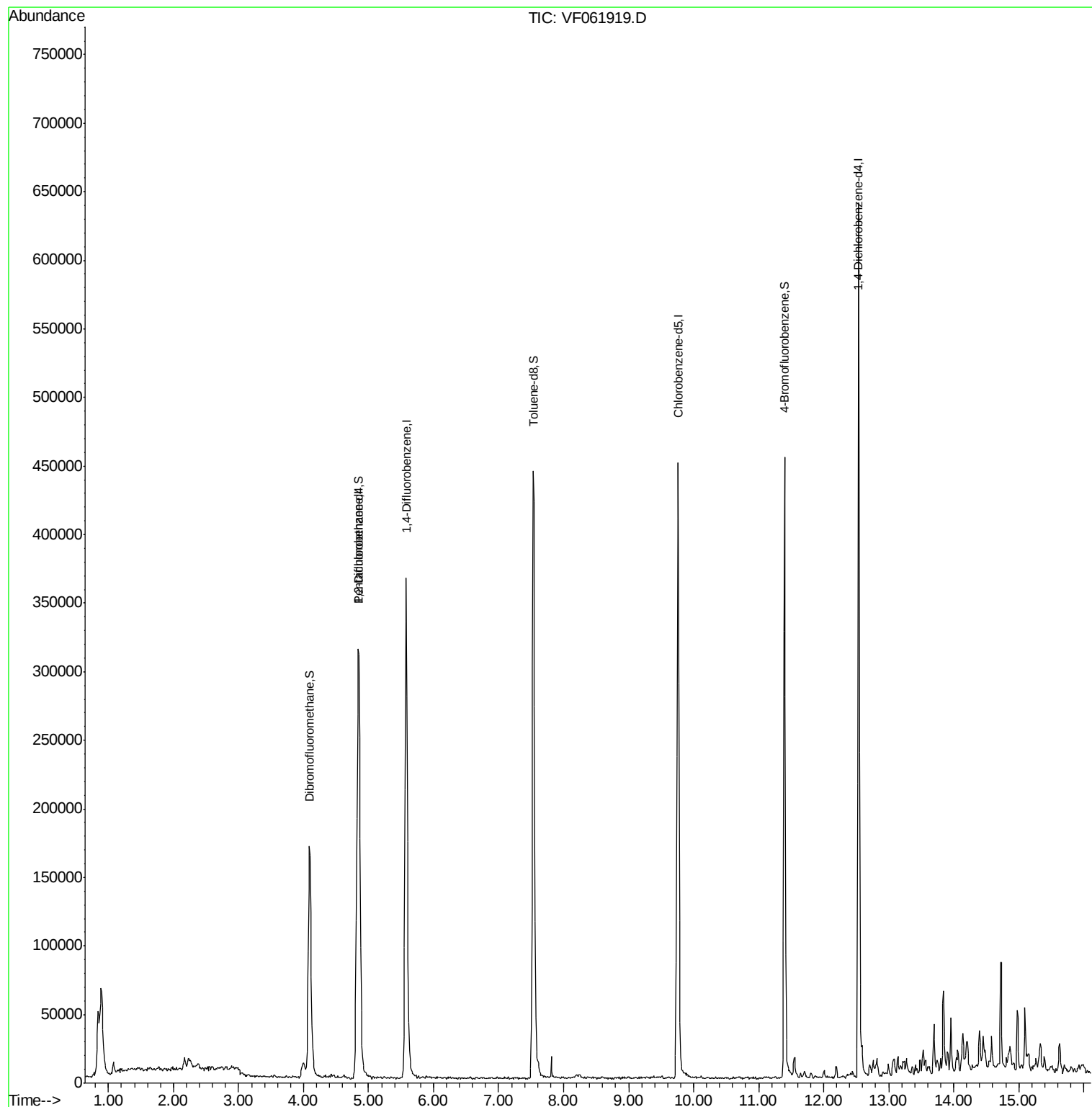
Target Compounds	Qvalue
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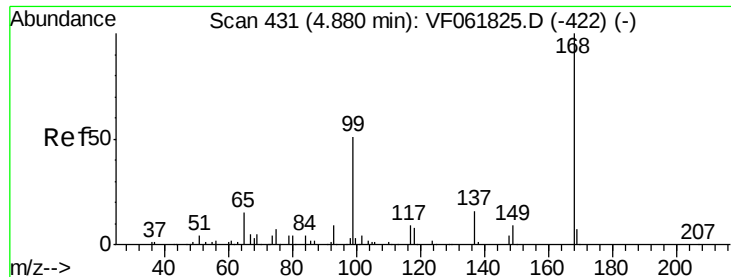
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061919.D

Acq: 12 Mar 2019 21:57

Instrument :

MSVOA_F

ClientSampleId :

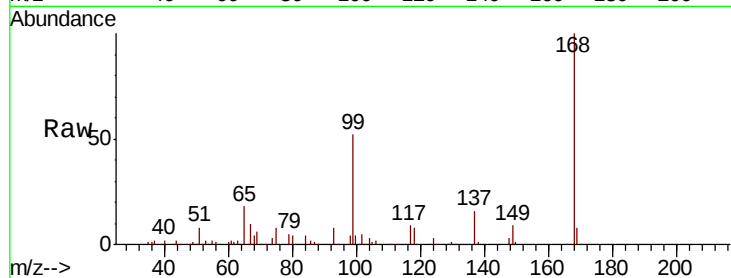
SU-04-031119-B

Tgt Ion: 168 Resp: 288851

Ion Ratio Lower Upper

168 100

99 51.7 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

100000

80000

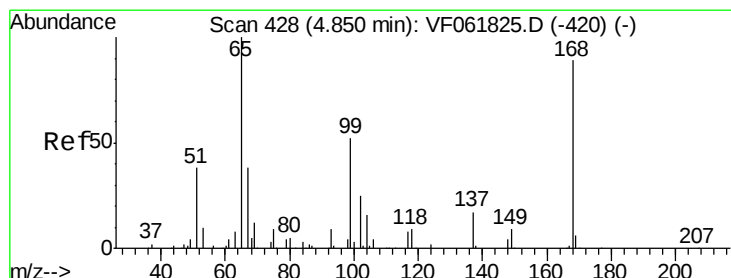
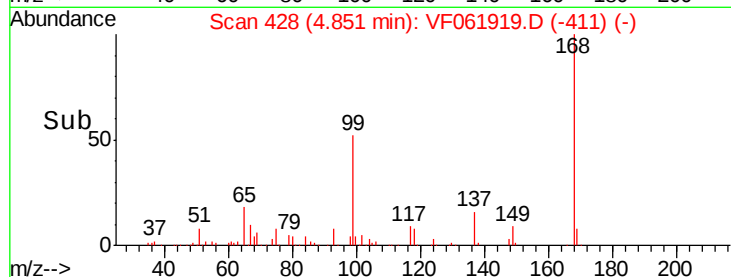
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.538 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061919.D

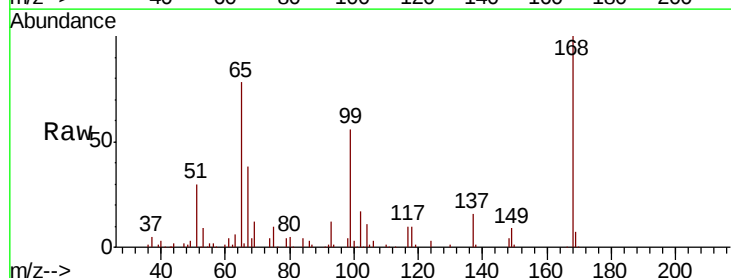
Acq: 12 Mar 2019 21:57

Tgt Ion: 65 Resp: 118931

Ion Ratio Lower Upper

65 100

67 49.1 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

40000

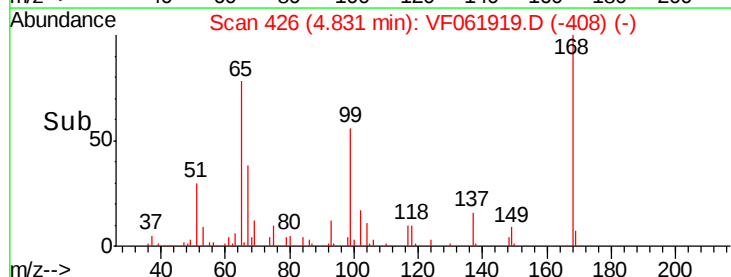
30000

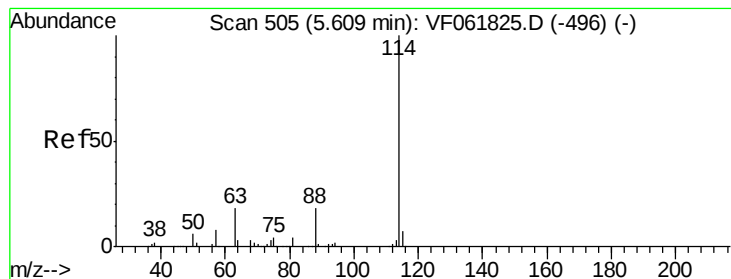
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061919.D

Acq: 12 Mar 2019 21:57

Instrument :

MSVOA_F

ClientSampleId :

SU-04-031119-B

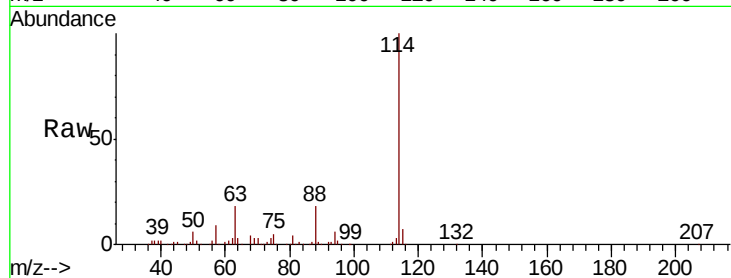
Tgt Ion:114 Resp: 452164

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

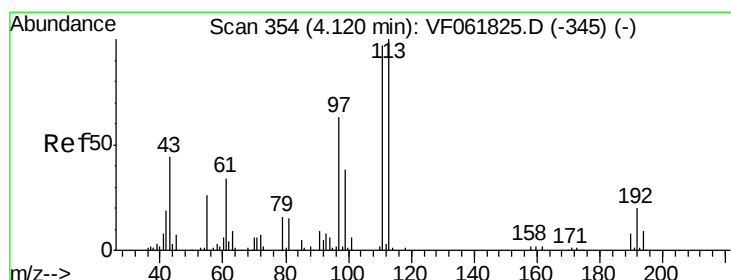
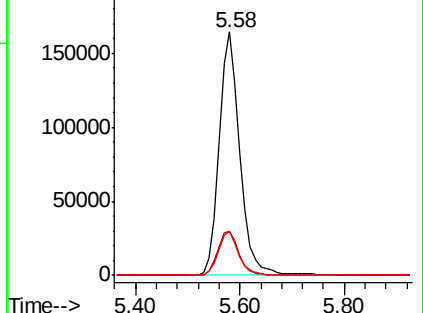
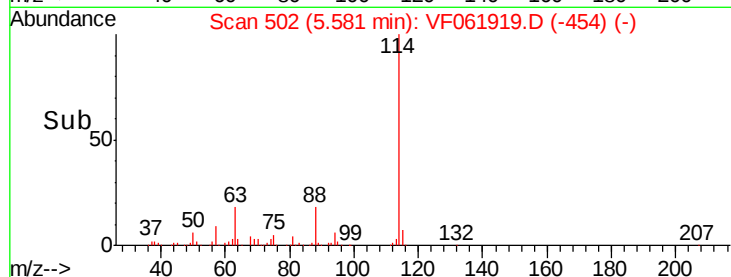
88 18.0 0.0 35.6



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: 53.752 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061919.D

Acq: 12 Mar 2019 21:57

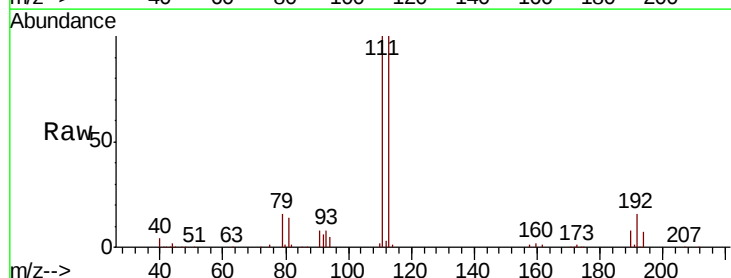
Tgt Ion:113 Resp: 169615

Ion Ratio Lower Upper

113 100

111 100.0 77.6 116.4

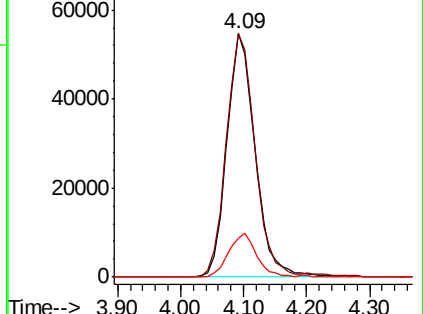
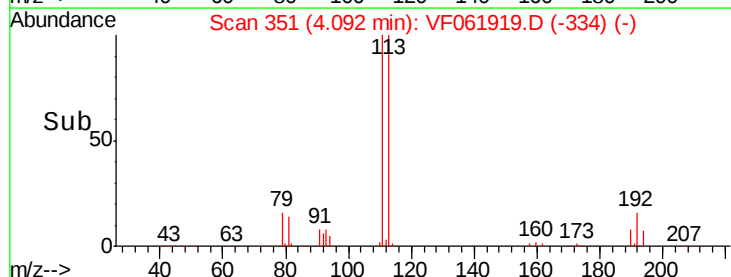
192 15.9 15.9 23.9#

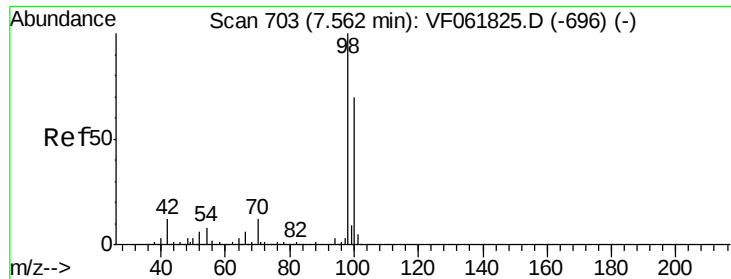


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

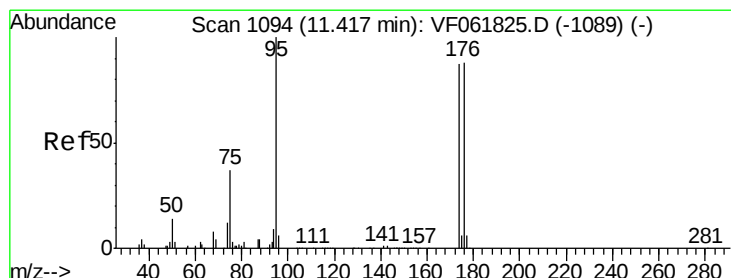
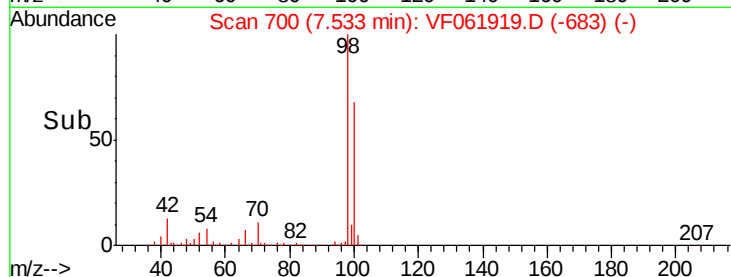
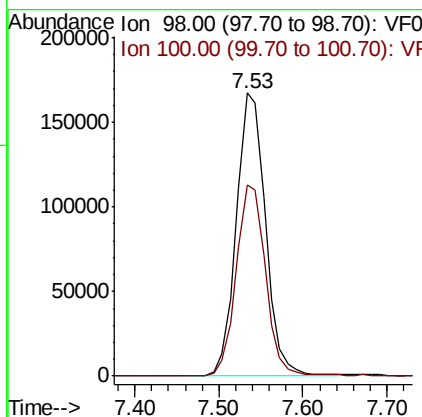
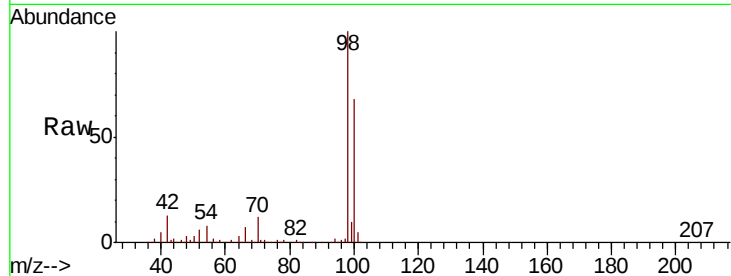




#50
Toluene-d8
Concen: 43.165 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061919.D
Acq: 12 Mar 2019 21:57

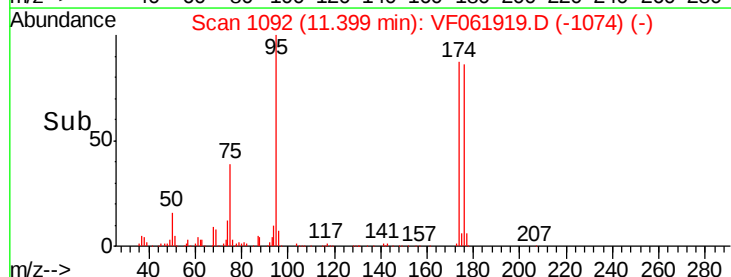
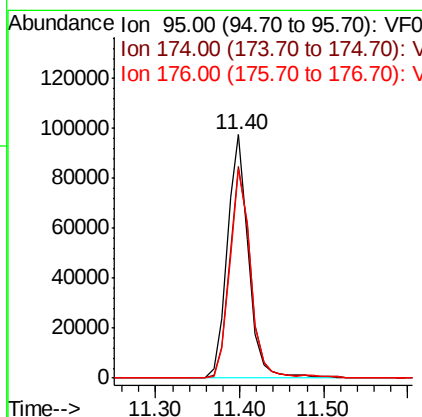
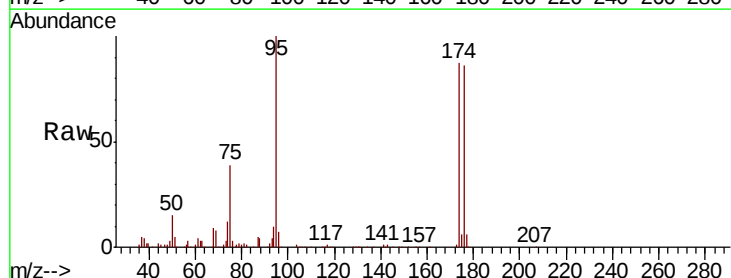
Instrument :
MSVOA_F
ClientSampleId :
SU-04-031119-B

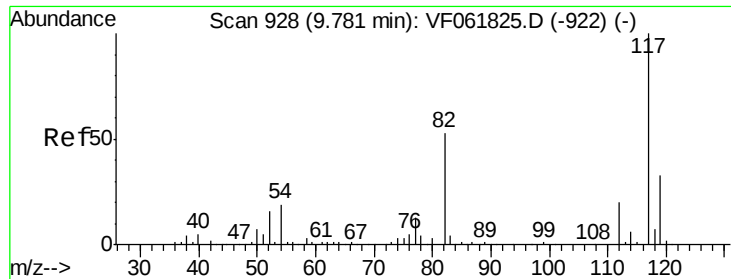
Tgt Ion: 98 Resp: 404851
Ion Ratio Lower Upper
98 100
100 67.6 56.0 84.0



#62
4-Bromofluorobenzene
Concen: 46.177 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061919.D
Acq: 12 Mar 2019 21:57

Tgt Ion: 95 Resp: 169655
Ion Ratio Lower Upper
95 100
174 87.0 0.0 174.0
176 86.0 0.0 175.2

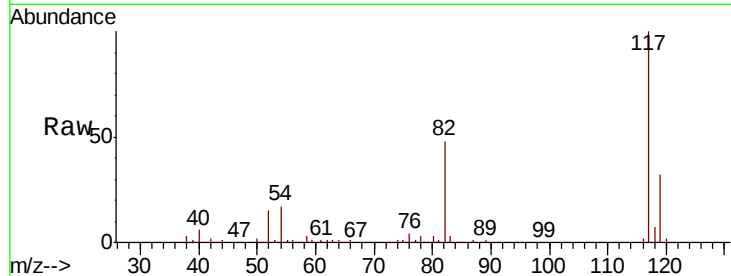




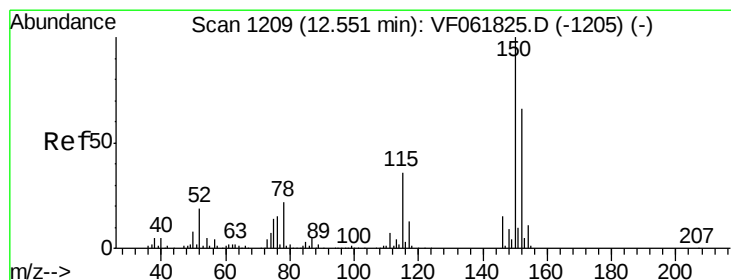
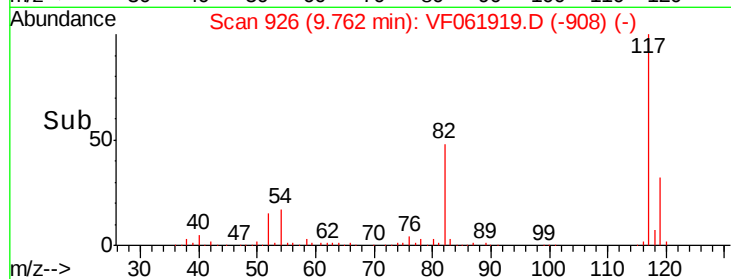
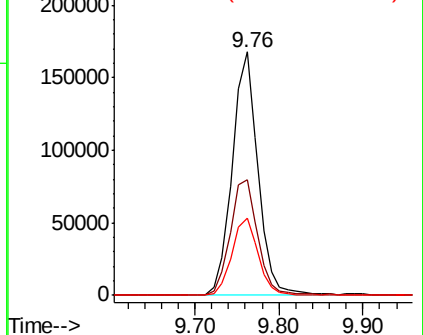
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061919.D
Acq: 12 Mar 2019 21:57

Instrument :
MSVOA_F
ClientSampleId :
SU-04-031119-B

Tgt Ion:117 Resp: 358274
Ion Ratio Lower Upper
117 100
82 47.5 42.6 63.8
119 32.0 26.0 39.0

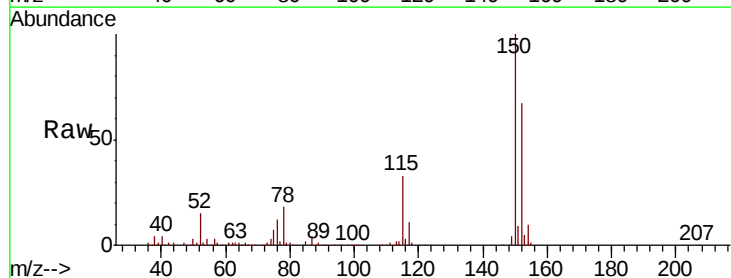


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061919.D
Acq: 12 Mar 2019 21:57

Tgt Ion:152 Resp: 199793
Ion Ratio Lower Upper
152 100
115 49.8 27.7 83.1
150 149.5 0.0 304.2



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

