

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031619\
 Data File : VF061984.D
 Acq On : 16 Mar 2019 19:26
 Operator : VA/AP
 Sample : K1861-03
 Misc : 5.02g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BF-08-031119

Quant Time: Mar 18 07:38:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

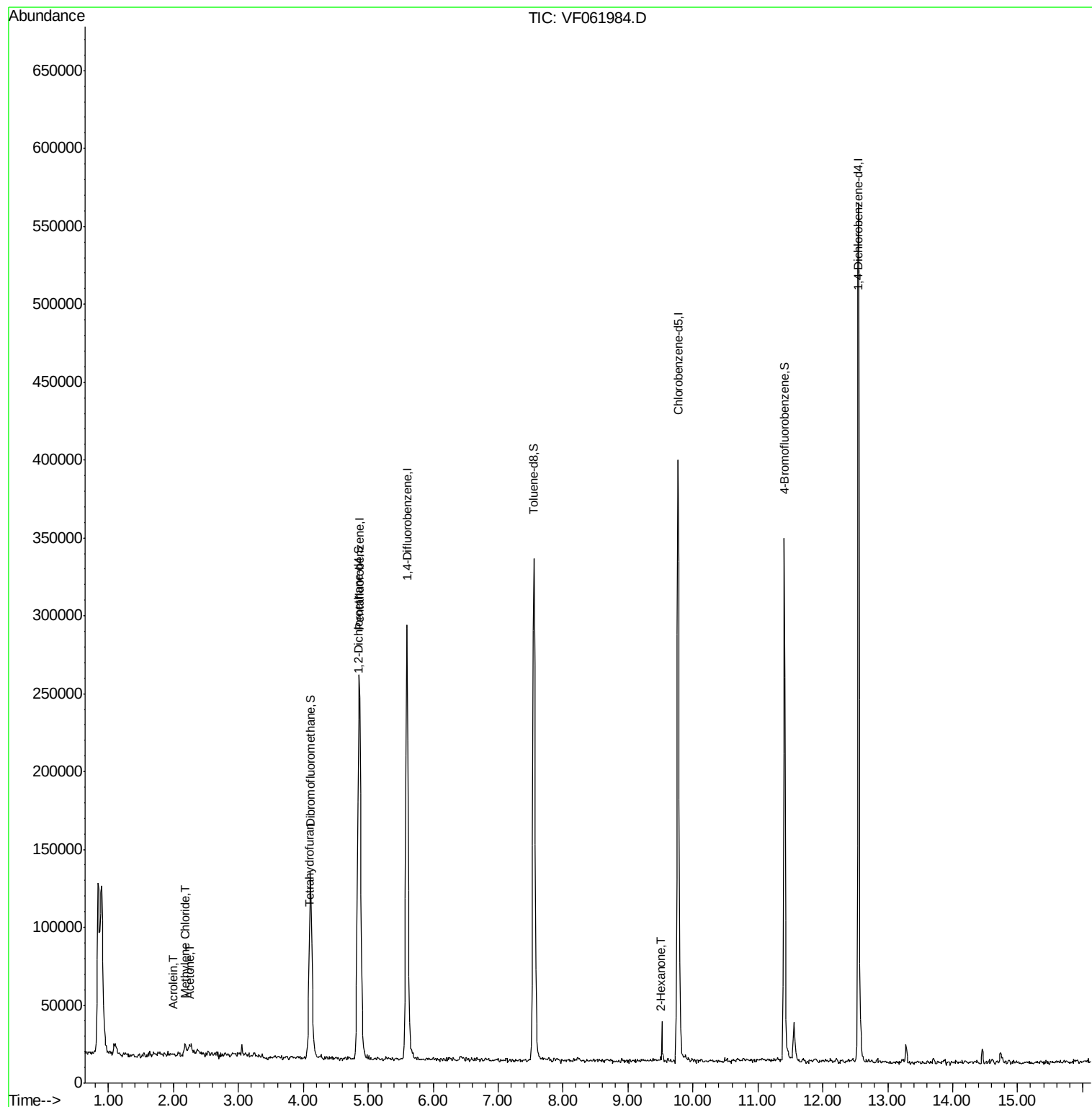
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	227919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	357458	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	304409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	167666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	79754	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
35) Dibromofluoromethane	4.11	113	115892	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	7.55	98	296012	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.36%	
62) 4-Bromofluorobenzene	11.41	95	129623	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
					Qvalue	
13) Acrolein	2.00	56	112	1.033	ug/l #	7
16) Acetone	2.24	43	1923	5.220	ug/l #	82
20) Methylene Chloride	2.18	84	3557	1.875	ug/l #	64
29) Tetrahydrofuran	4.08	42	404	1.273	ug/l #	57
59) 2-Hexanone	9.49	43	1141	1.295	ug/l	90

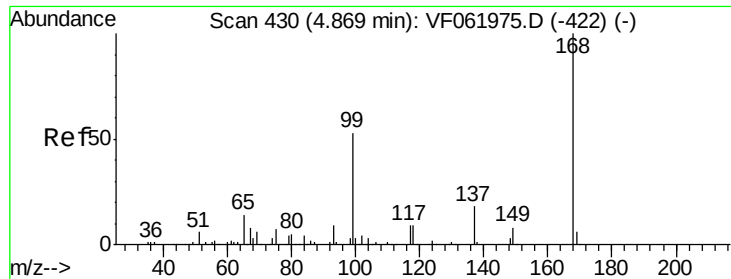
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF031619\
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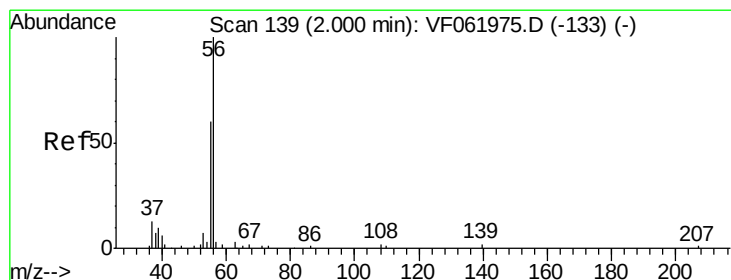
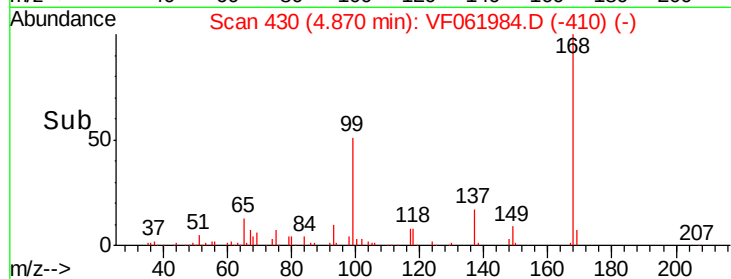
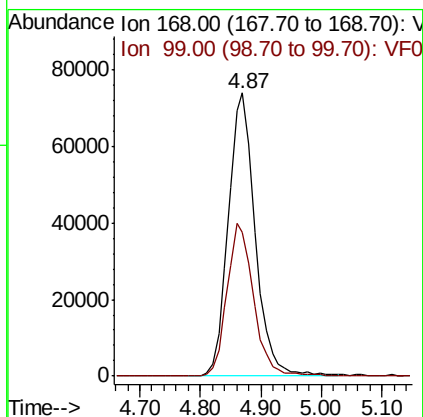
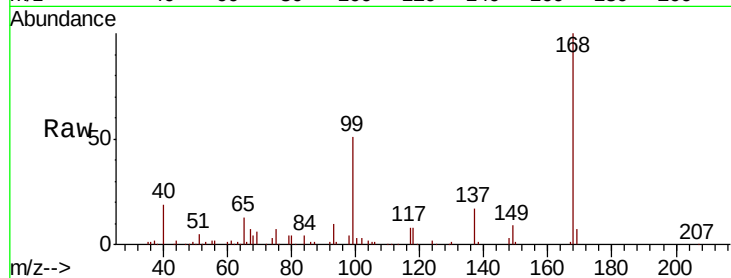




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF061984.D
Acq: 16 Mar 2019 19:26

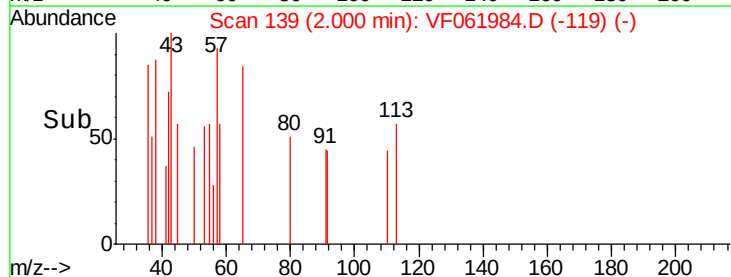
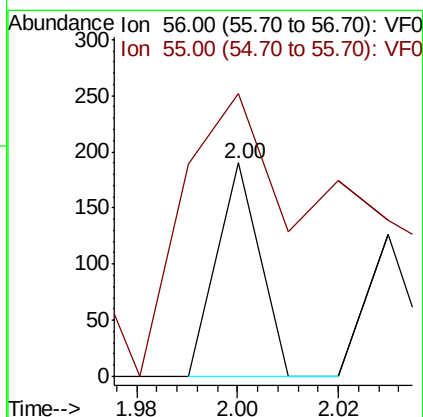
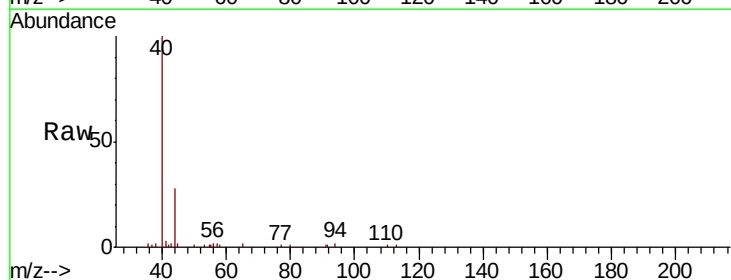
Instrument :
MSVOA_F
ClientSampleId :
BF-08-031119

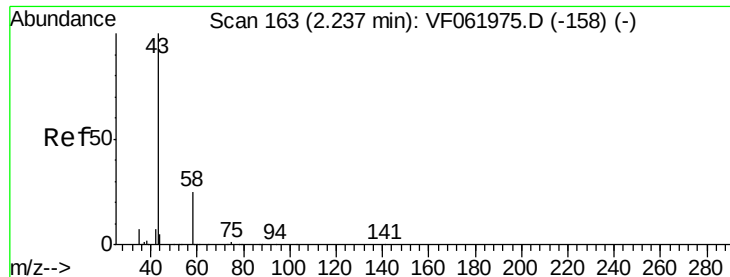
Tgt Ion:168 Resp: 227919
Ion Ratio Lower Upper
168 100
99 50.6 42.4 63.6



#13
Acrolein
Concen: 1.033 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.00 min
Lab File: VF061984.D
Acq: 16 Mar 2019 19:26

Tgt Ion: 56 Resp: 112
Ion Ratio Lower Upper
56 100
55 132.6 49.1 73.7#





#16

Acetone

Concen: 5.220 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

Instrument :

MSVOA_F

ClientSampleId :

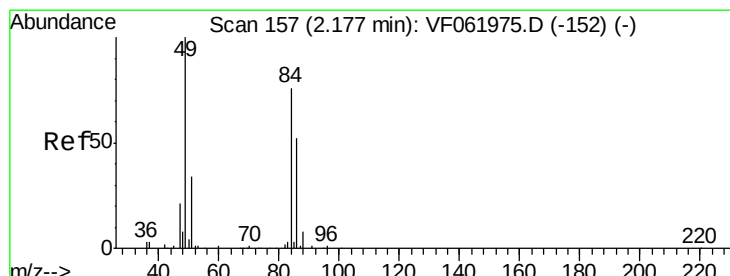
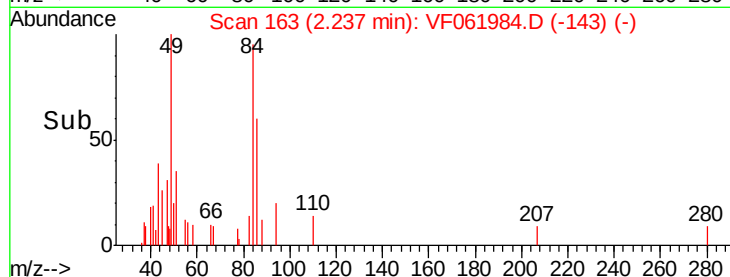
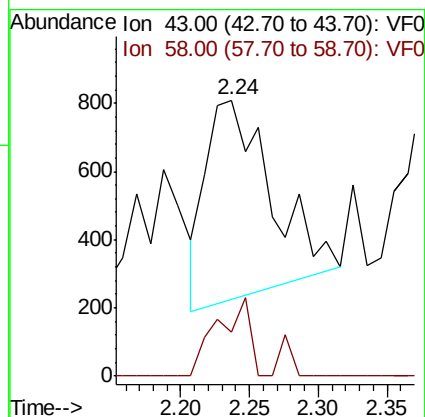
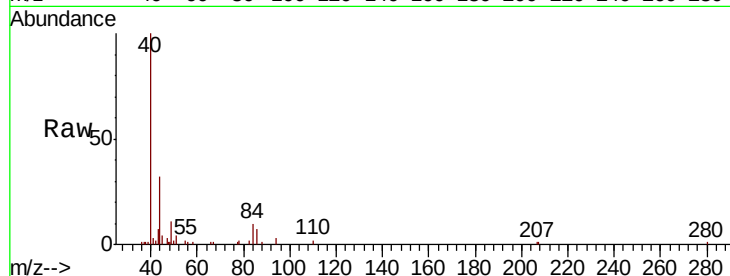
BF-08-031119

Tgt Ion: 43 Resp: 1923

Ion Ratio Lower Upper

43 100

58 15.9 19.9 29.9#



#20

Methylene Chloride

Concen: 1.875 ug/l

RT: 2.18 min Scan# 157

Delta R.T. 0.00 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

Tgt Ion: 84 Resp: 3557

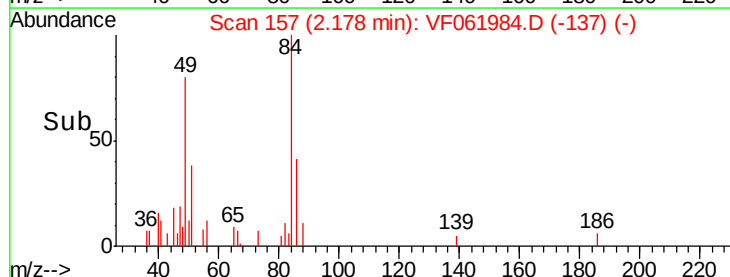
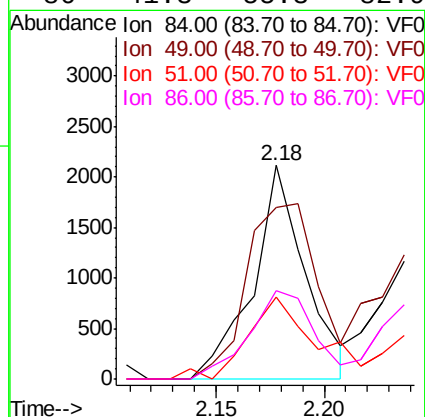
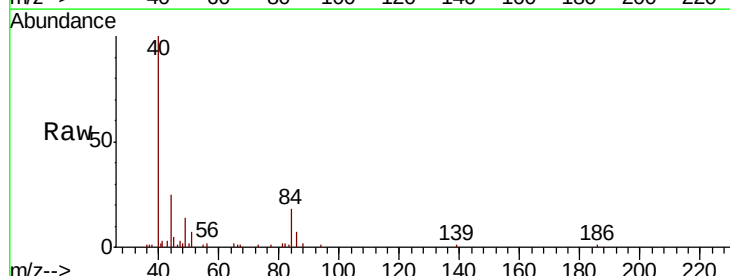
Ion Ratio Lower Upper

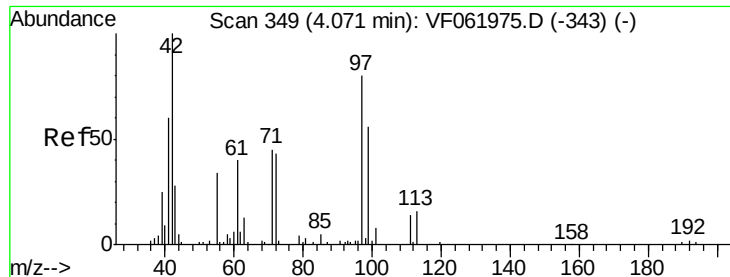
84 100

49 80.4 107.0 160.6#

51 38.4 37.2 55.8

86 41.3 55.3 82.9#





#29

Tetrahydrofuran

Concen: 1.273 ug/l

RT: 4.08 min Scan# 350

Delta R.T. 0.01 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

Instrument :

MSVOA_F

ClientSampleId :

BF-08-031119

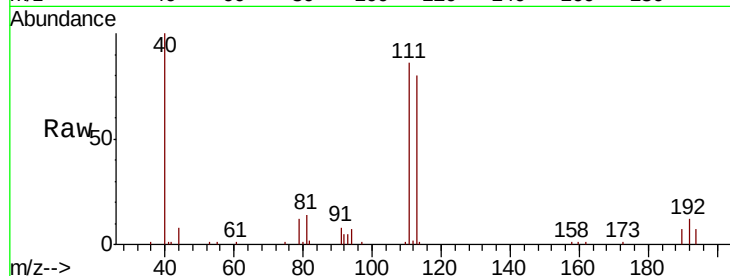
Tgt Ion: 42 Resp: 404

Ion Ratio Lower Upper

42 100

72 30.7 34.0 51.0#

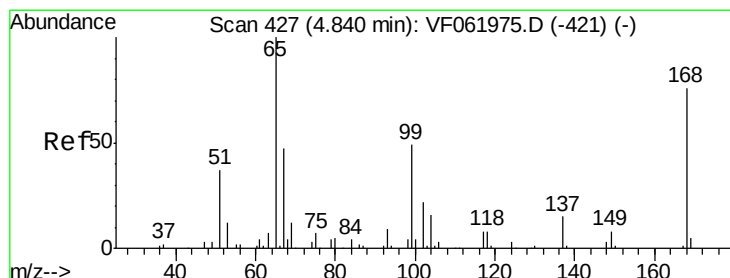
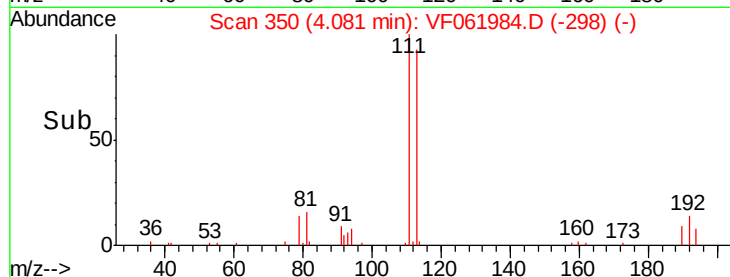
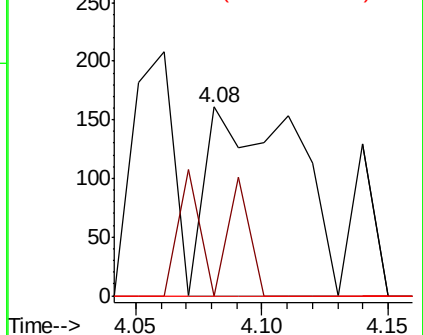
71 0.0 34.2 51.4#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 48.611 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.00 min

Lab File: VF061984.D

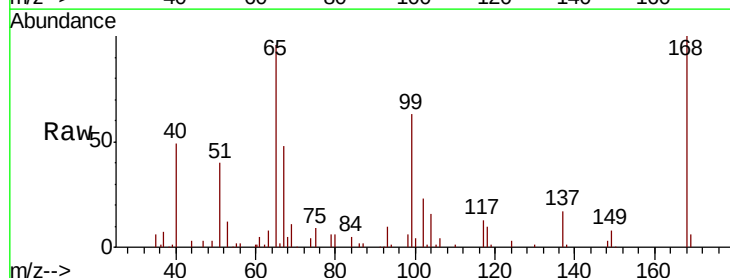
Acq: 16 Mar 2019 19:26

Tgt Ion: 65 Resp: 79754

Ion Ratio Lower Upper

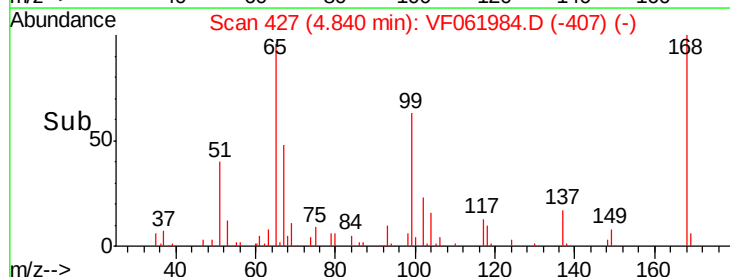
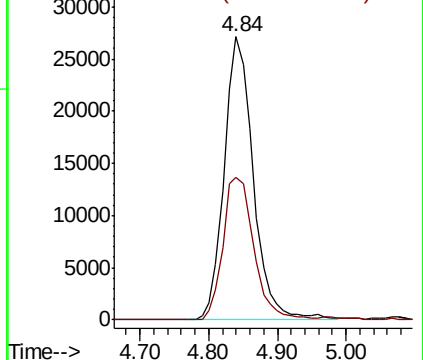
65 100

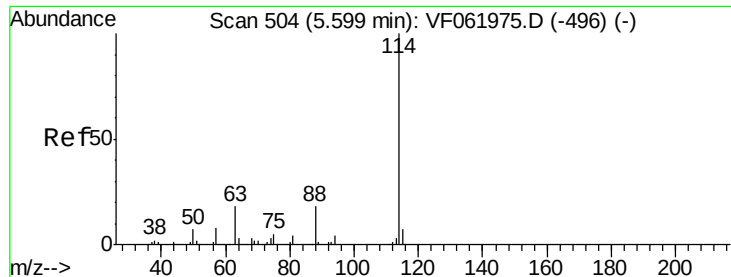
67 50.5 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

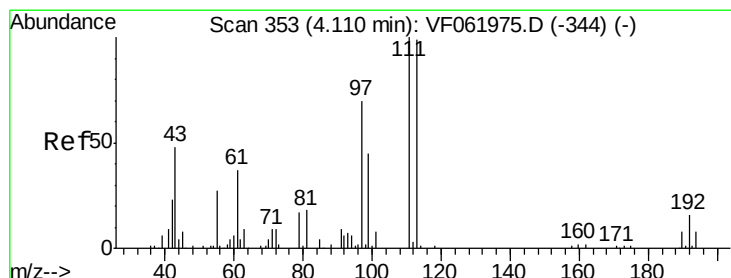
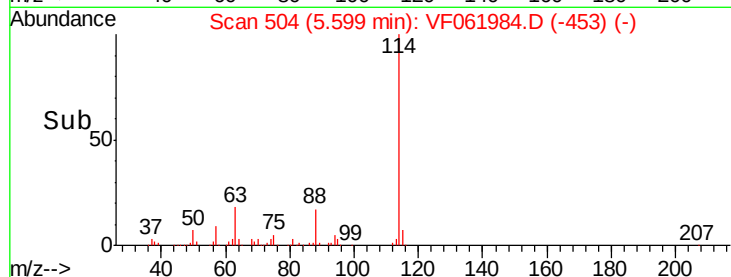
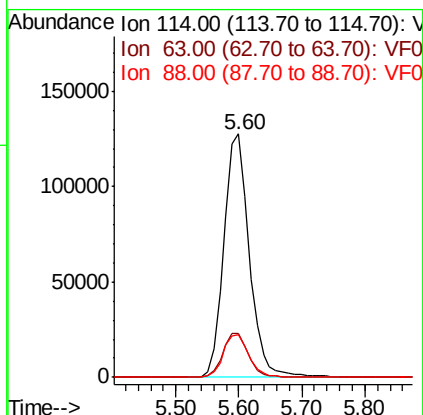
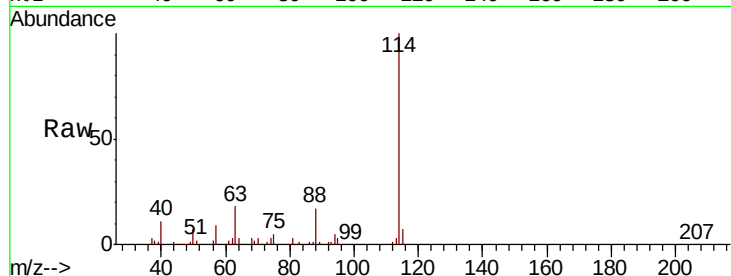




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VF061984.D
 Acq: 16 Mar 2019 19:26

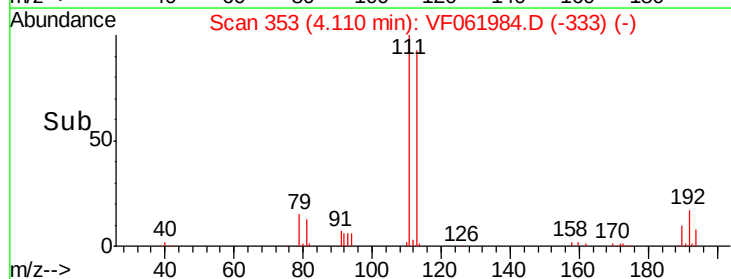
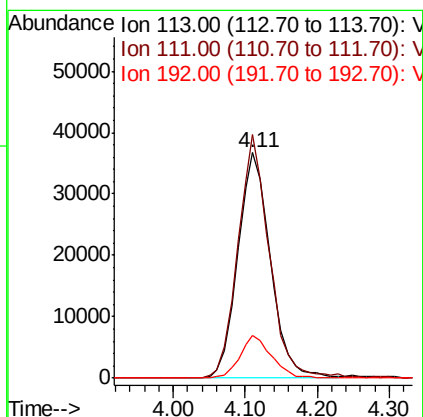
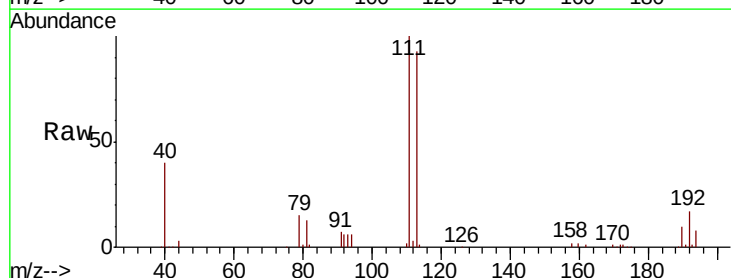
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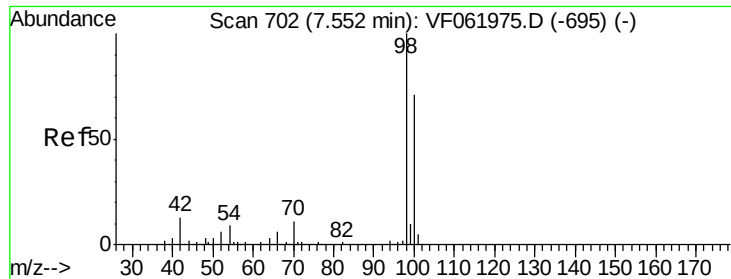
Tgt Ion:114 Resp: 357458
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.4
 88 17.3 0.0 36.4



#35
 Dibromofluoromethane
 Concen: 48.280 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VF061984.D
 Acq: 16 Mar 2019 19:26

Tgt Ion:113 Resp: 115892
 Ion Ratio Lower Upper
 113 100
 111 108.0 80.8 121.2
 192 19.3 13.0 19.6

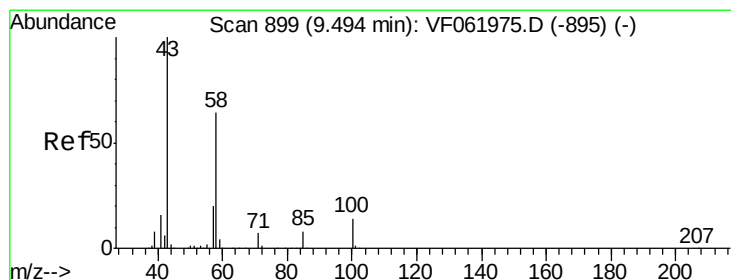
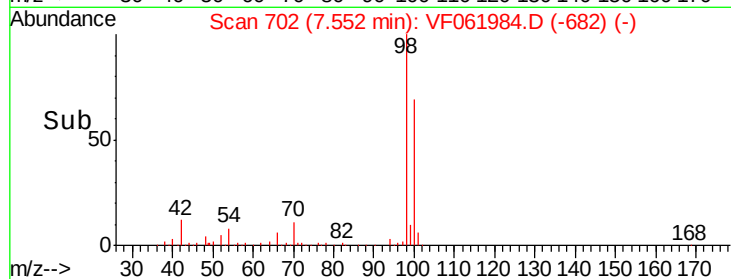
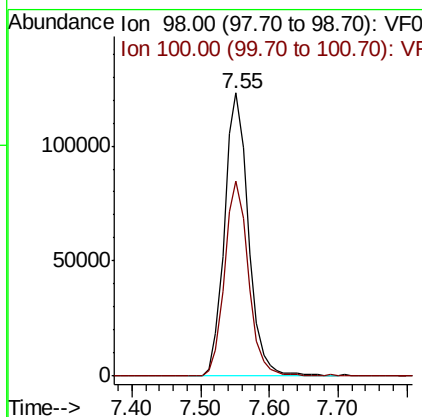
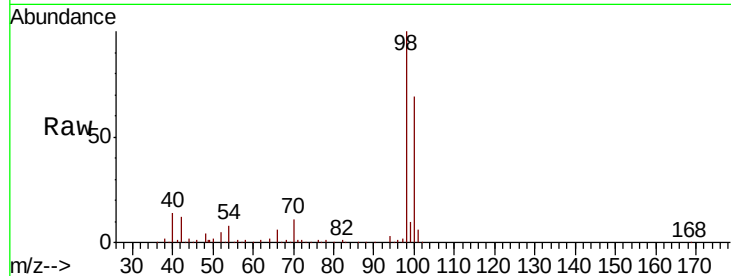




#50
Toluene-d8
Concen: 42.185 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061984.D
Acq: 16 Mar 2019 19:26

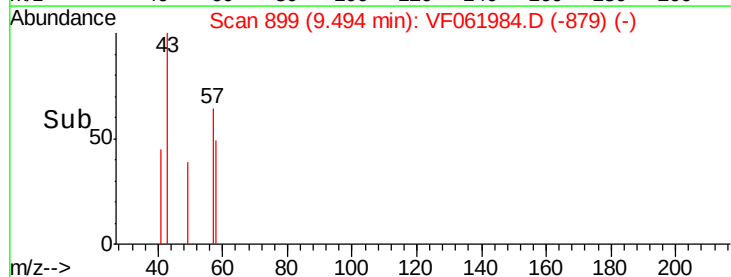
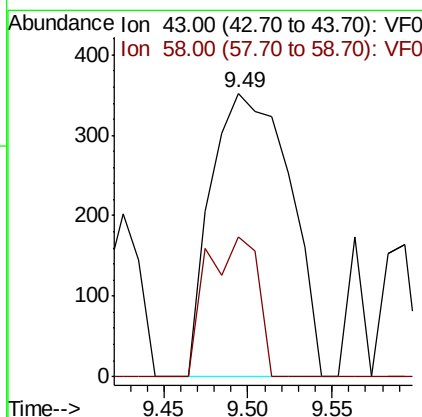
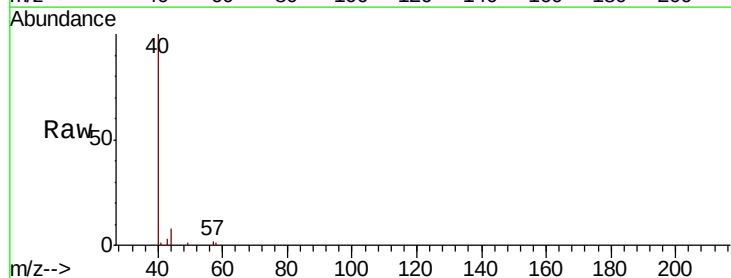
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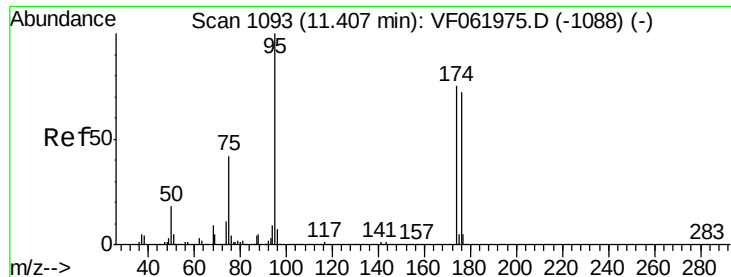
Tgt Ion: 98 Resp: 296012
Ion Ratio Lower Upper
98 100
100 68.9 56.8 85.2



#59
2-Hexanone
Concen: 1.295 ug/l
RT: 9.49 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF061984.D
Acq: 16 Mar 2019 19:26

Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 49.4 28.4 85.2

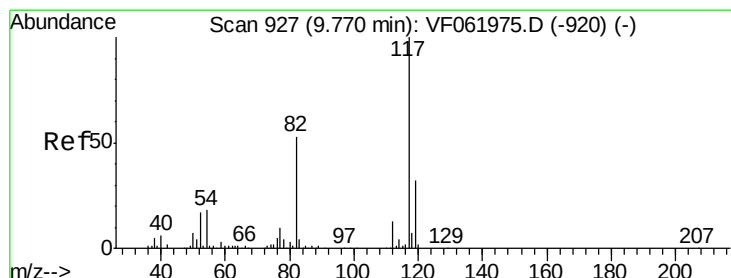
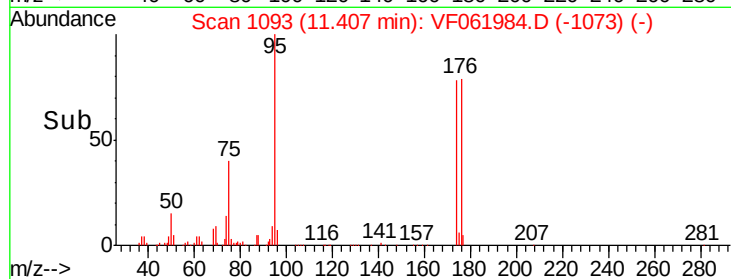
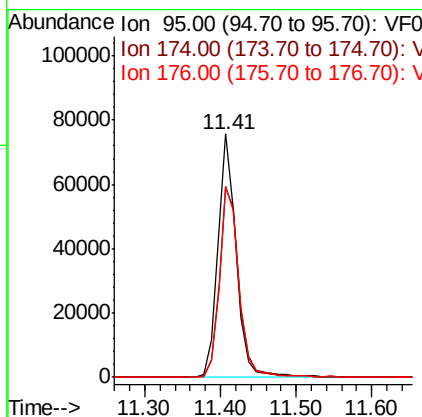
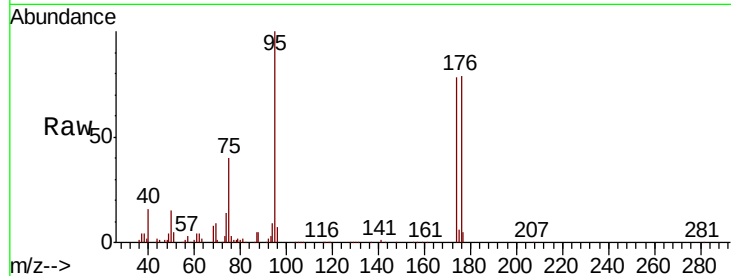




#62
4-Bromofluorobenzene
Concen: 46.500 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061984.D
Acq: 16 Mar 2019 19:26

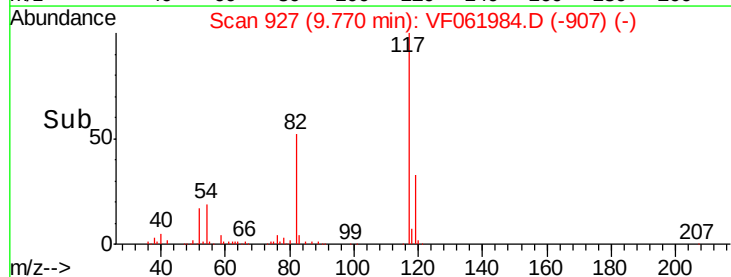
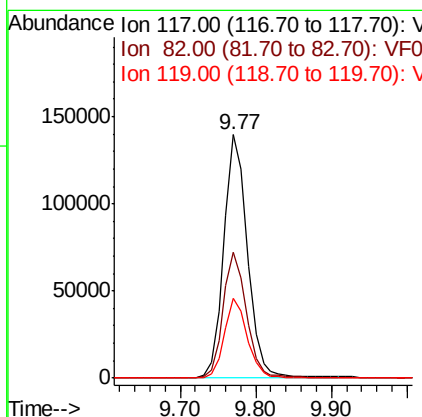
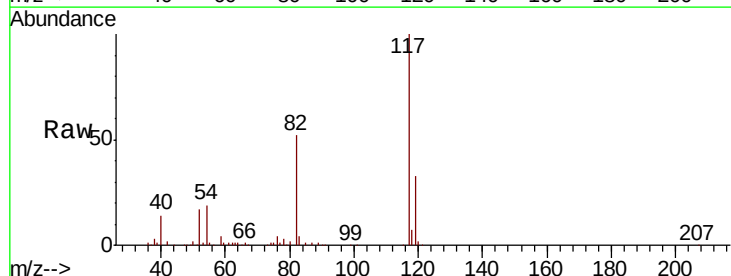
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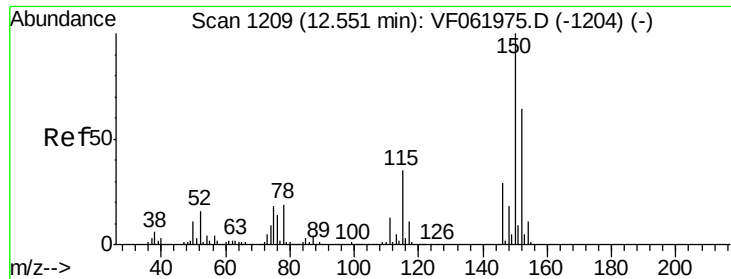
Tgt Ion: 95 Resp: 129623
Ion Ratio Lower Upper
95 100
174 78.0 0.0 149.4
176 78.7 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061984.D
Acq: 16 Mar 2019 19:26

Tgt Ion: 117 Resp: 304409
Ion Ratio Lower Upper
117 100
82 51.6 42.5 63.7
119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

Instrument :

MSVOA_F

ClientSampleId :

BF-08-031119

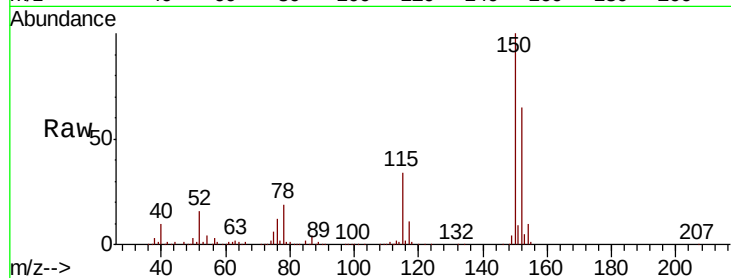
Tgt Ion:152 Resp: 167666

Ion Ratio Lower Upper

152 100

115 52.1 27.3 81.9

150 154.6 0.0 316.2



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

