

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
 Data File : VF060989.D
 Acq On : 11 Dec 2018 21:20
 Operator : VA/AP
 Sample : J6316-03
 Misc : 6.29g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BORING-SAMPLE-SIGNAL-TOWER-

Quant Time: Dec 12 06:29:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

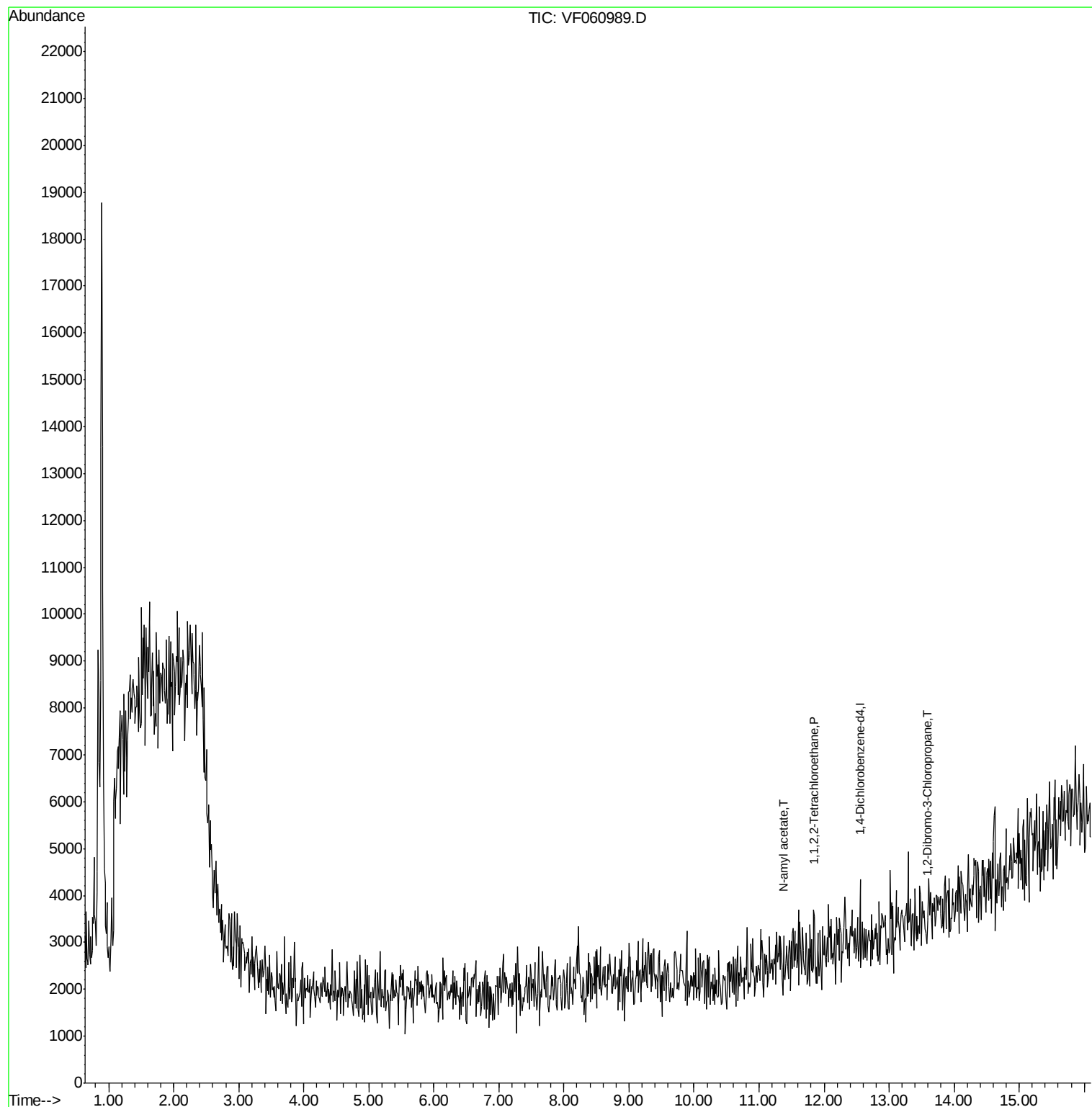
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.91
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.64
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.81
72) 1,4-Dichlorobenzene-d4	12.55	152	88	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	65	0.00	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
					Qvalue	
74) N-amyl acetate	11.39	43	73	45.459	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.85	83	83	72.520	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	13.58	75	88	397.688	ug/l #	1

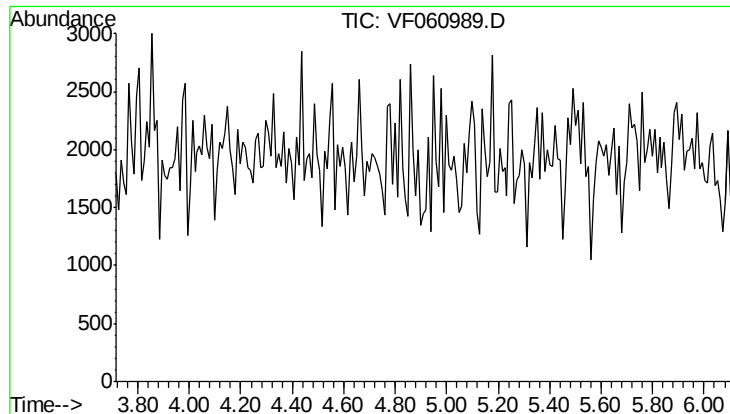
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.91 min

Lab File: VF060989.D

Acq: 11 Dec 2018 21:20

Tot Ion: 168

Sig Exp Ratio

168 100

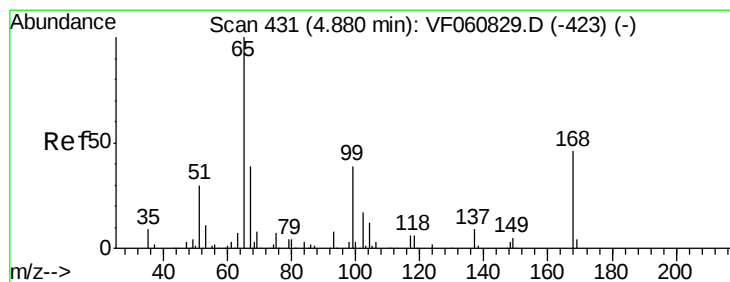
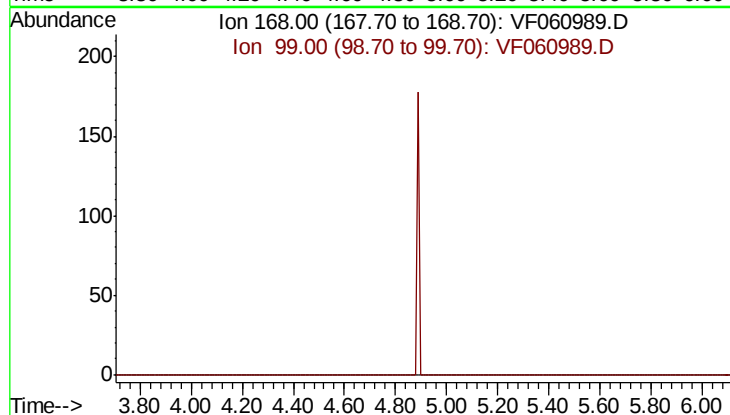
99 65.8

Instrument :

MSVOA_F

ClientSampleId :

BORING-SAMPLE-SIGNAL-TOWER-



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.05 min

Lab File: VF060989.D

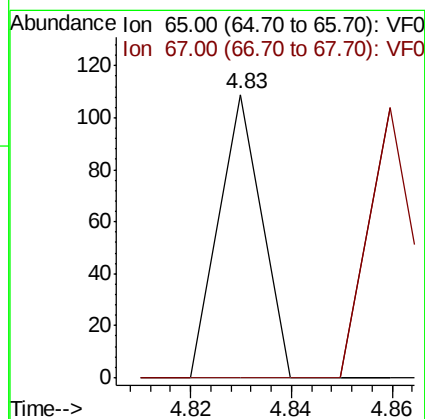
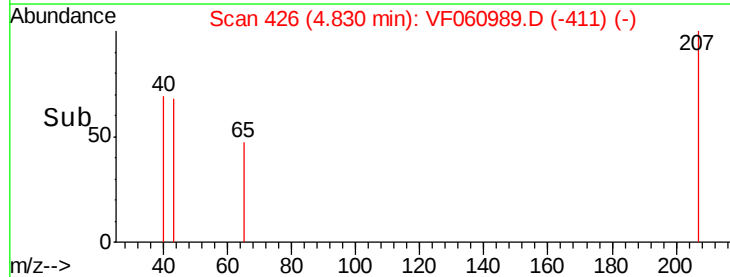
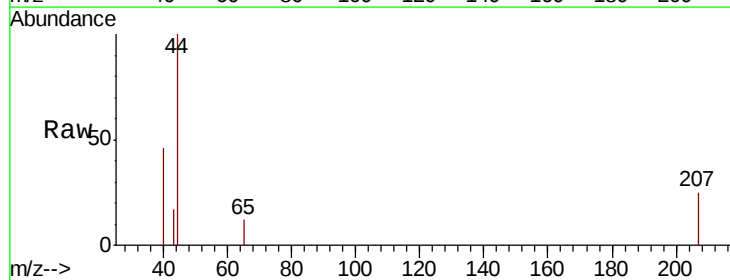
Acq: 11 Dec 2018 21:20

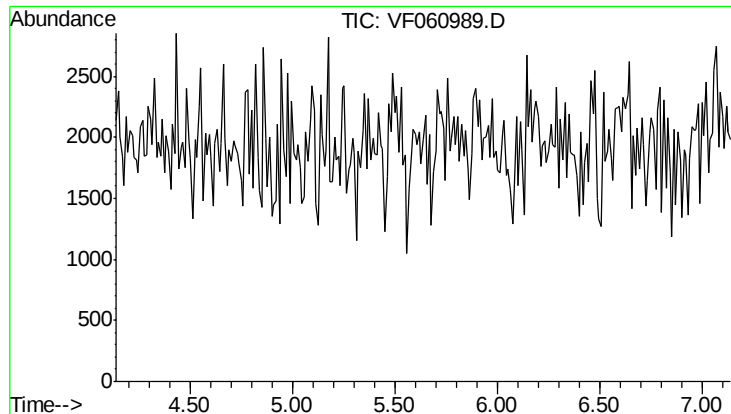
Tgt Ion: 65 Resp: 65

Ion Ratio Lower Upper

65 100

67 0.0 0.0 96.4



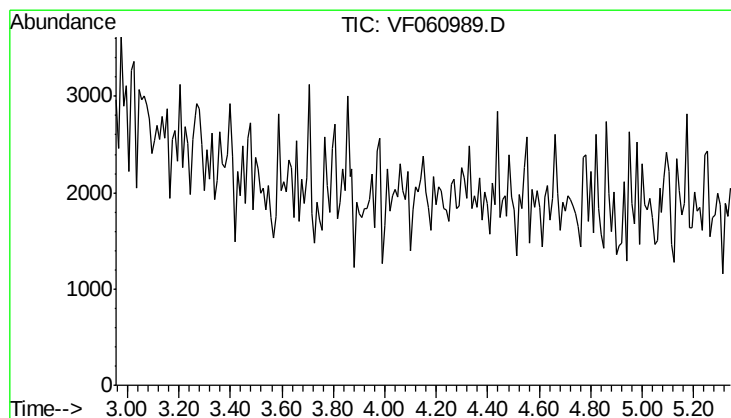
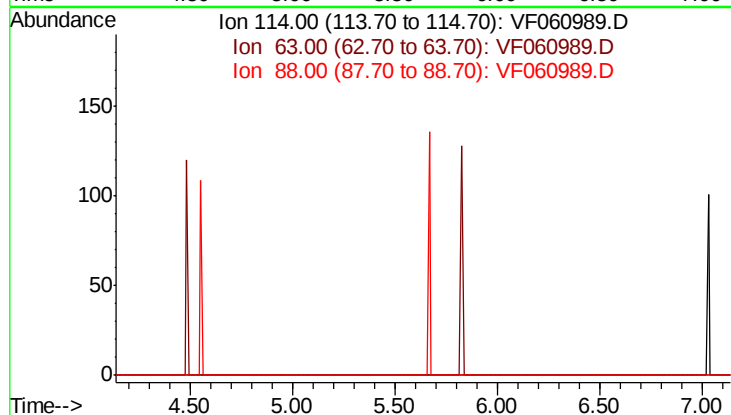


#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 5.64 min

Lab File: VF060989.D
 Acq: 11 Dec 2018 21:20

Instrument :
 MSVOA_F
 ClientSampleId :
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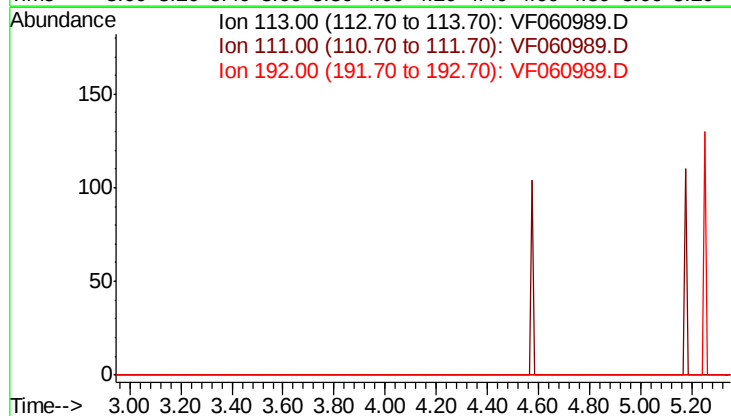
Tot Ion: 114
 Sig Exp Ratio
 114 100
 63 20.8
 88 18.3

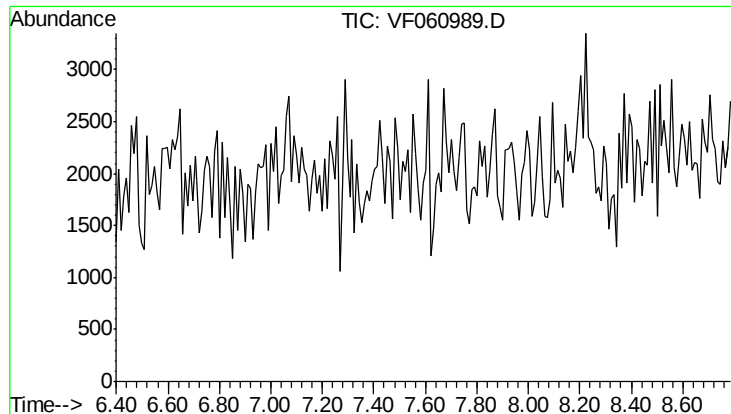


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.15 min

Lab File: VF060989.D
 Acq: 11 Dec 2018 21:20

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 103.8
 192 15.4



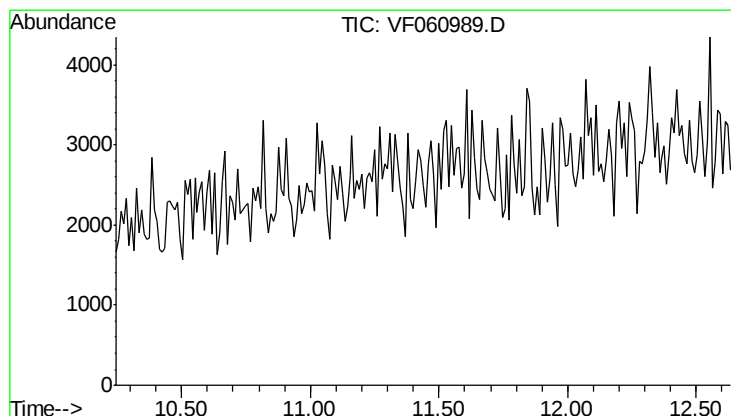
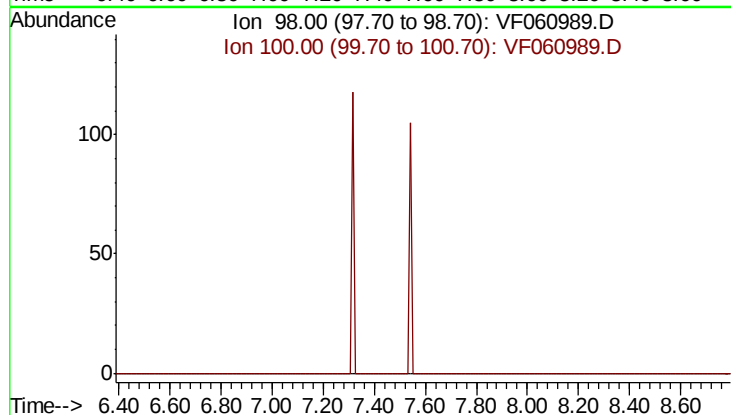


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.59 min

Lab File: VF060989.D
Acq: 11 Dec 2018 21:20

Instrument :
MSVOA_F
ClientSampleId :
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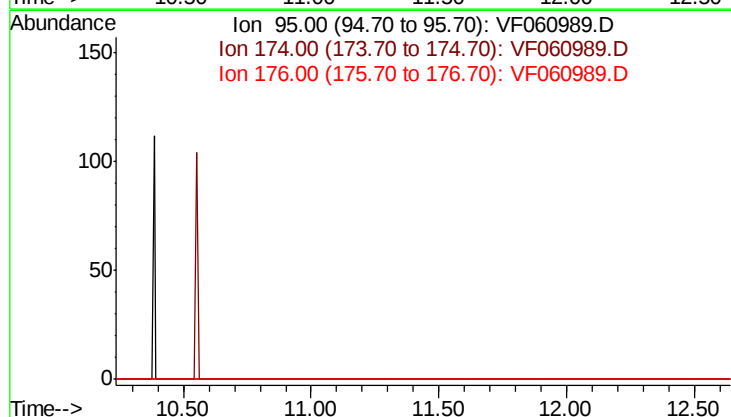
Tot Ion: 98
Sig Exp Ratio
98 100
100 74.1

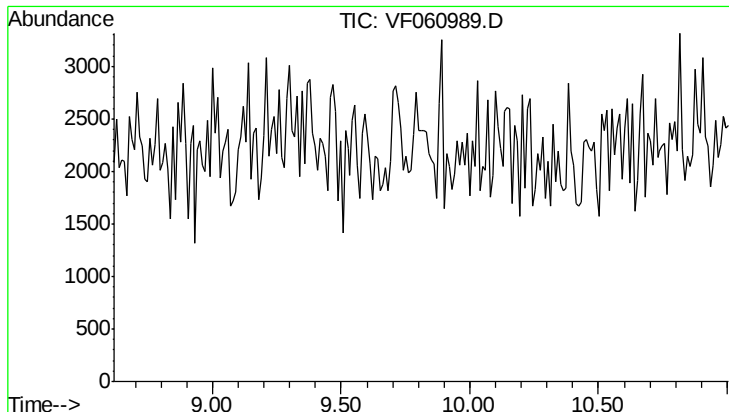


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.44 min

Lab File: VF060989.D
Acq: 11 Dec 2018 21:20

Tgt Ion: 95
Sig Exp Ratio
95 100
174 69.1
176 73.1



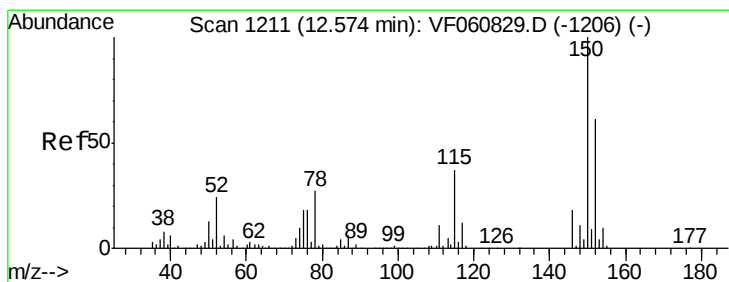
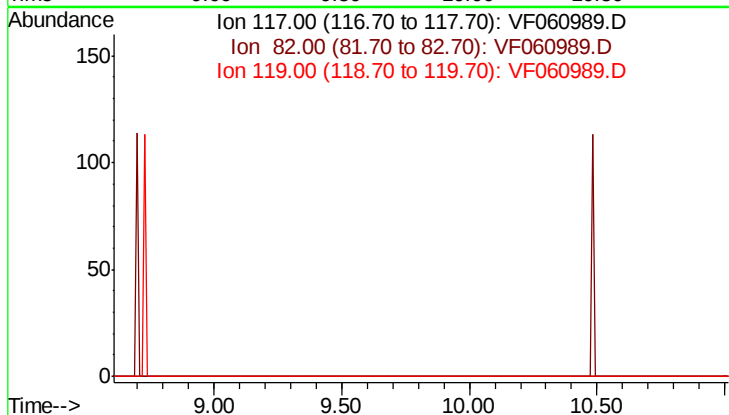


#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.81 min

Lab File: VF060989.D
 Acq: 11 Dec 2018 21:20

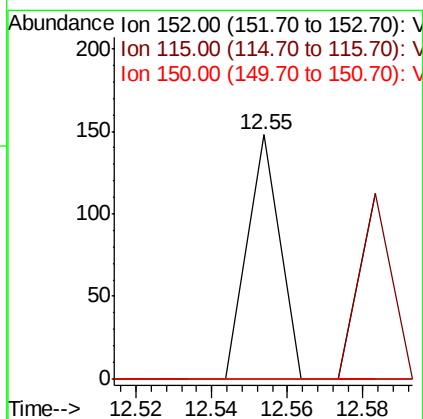
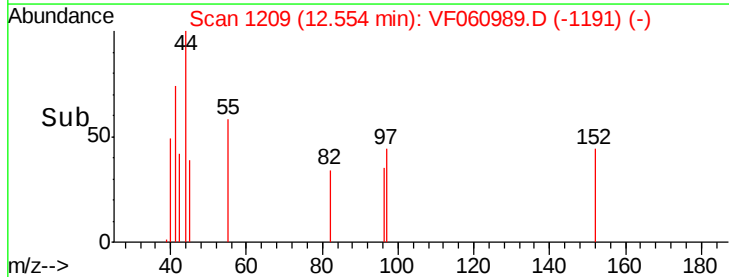
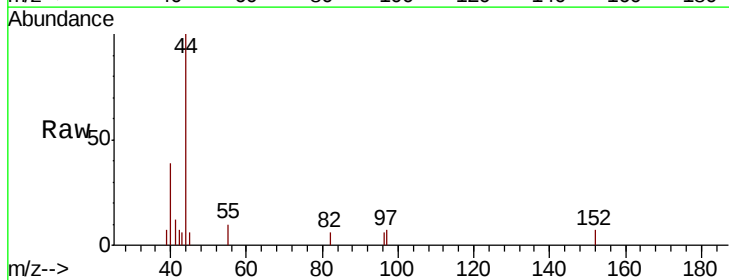
Instrument :
 MSVOA_F
 ClientSampleId :
 BORING-SAMPLE-SIGNAL-TOWER-

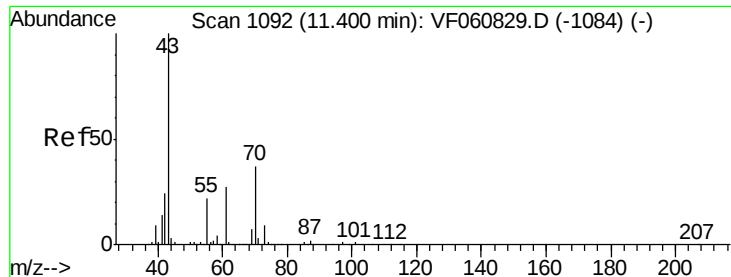
Tot Ion: 117
 Sig Exp Ratio
 117 100
 82 58.2
 119 33.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: VF060989.D
 Acq: 11 Dec 2018 21:20

Tgt Ion: 152 Resp: 88
 Ion Ratio Lower Upper
 152 100
 115 0.0 30.1 90.5#
 150 0.0 0.0 327.6





#74

N-amvl acetate

Concen: 45.459 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VF060989.D

Acq: 11 Dec 2018 21:20

Instrument :

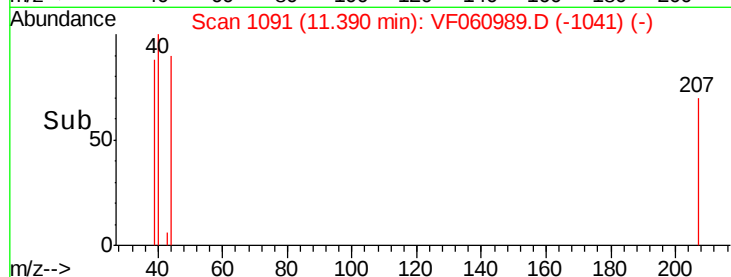
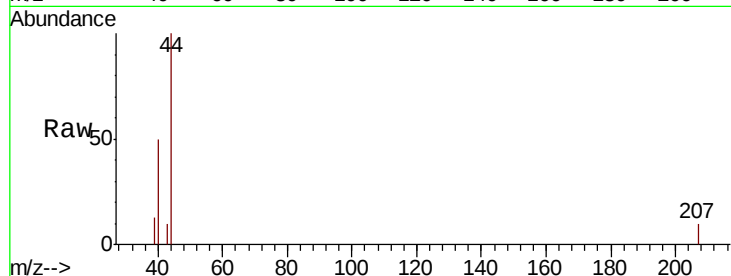
MSVOA_F

ClientSampleId :

BORING-SAMPLE-SIGNAL-TOWER-

Tot Ion: 43 Resp: 73

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.6	44.4#
55	0.0	17.2	25.8#
61	0.0	21.8	32.6#

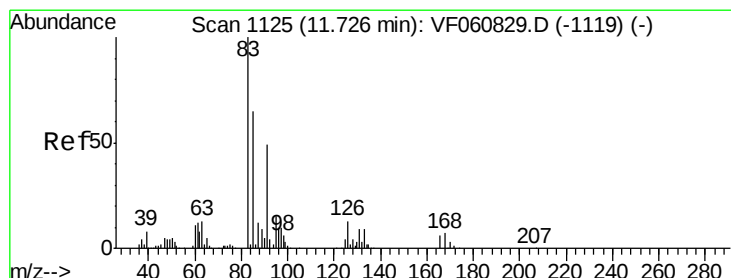
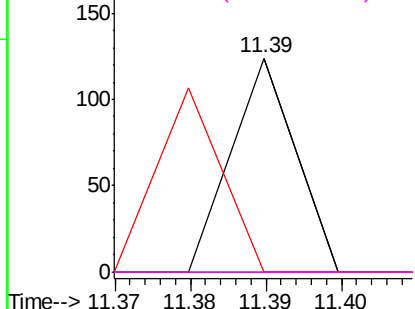


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 72.520 ug/l

RT: 11.85 min Scan# 1138

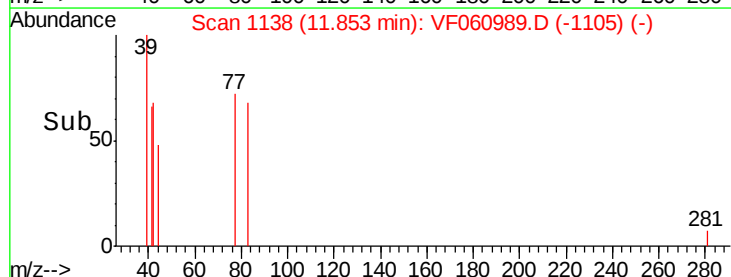
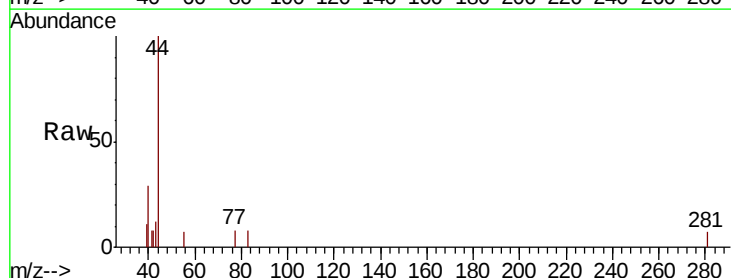
Delta R.T. 0.13 min

Lab File: VF060989.D

Acq: 11 Dec 2018 21:20

Tgt Ion: 83 Resp: 83

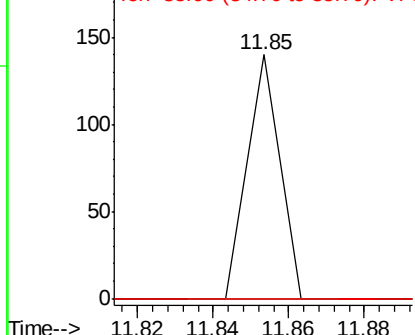
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	0.0	32.6	97.8#

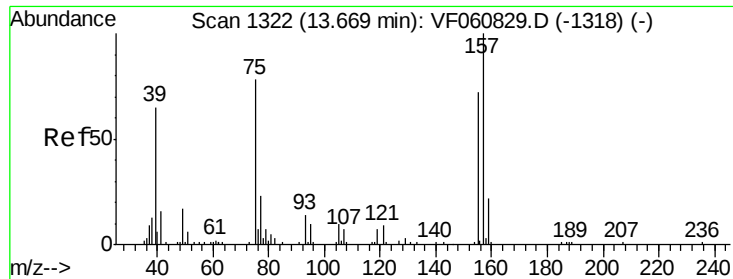


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#92

1,2-Dibromo-3-Chloropropane

Concen: 397.688 ug/l

RT: 13.58 min Scan# 1313

Delta R.T. -0.09 min

Lab File: VF060989.D

Acq: 11 Dec 2018 21:20

Instrument :

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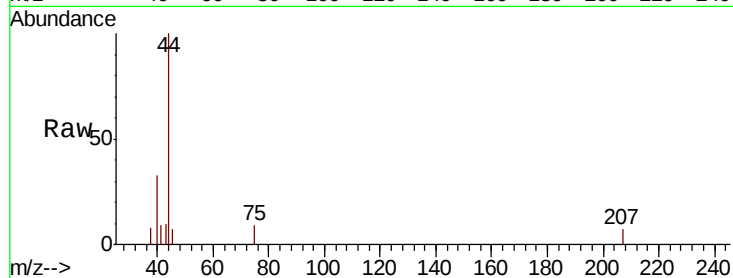
Tot Ion: 75 Resp: 88

Ion Ratio Lower Upper

75 100

155 0.0 45.6 136.9#

157 0.0 63.8 191.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

