

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011419\
 Data File : VF061390.D
 Acq On : 14 Jan 2019 15:38
 Operator : VA/AP
 Sample : K1126-01
 Misc : 4.16g/5mL/MSVOA-F/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jan 14 21:41:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

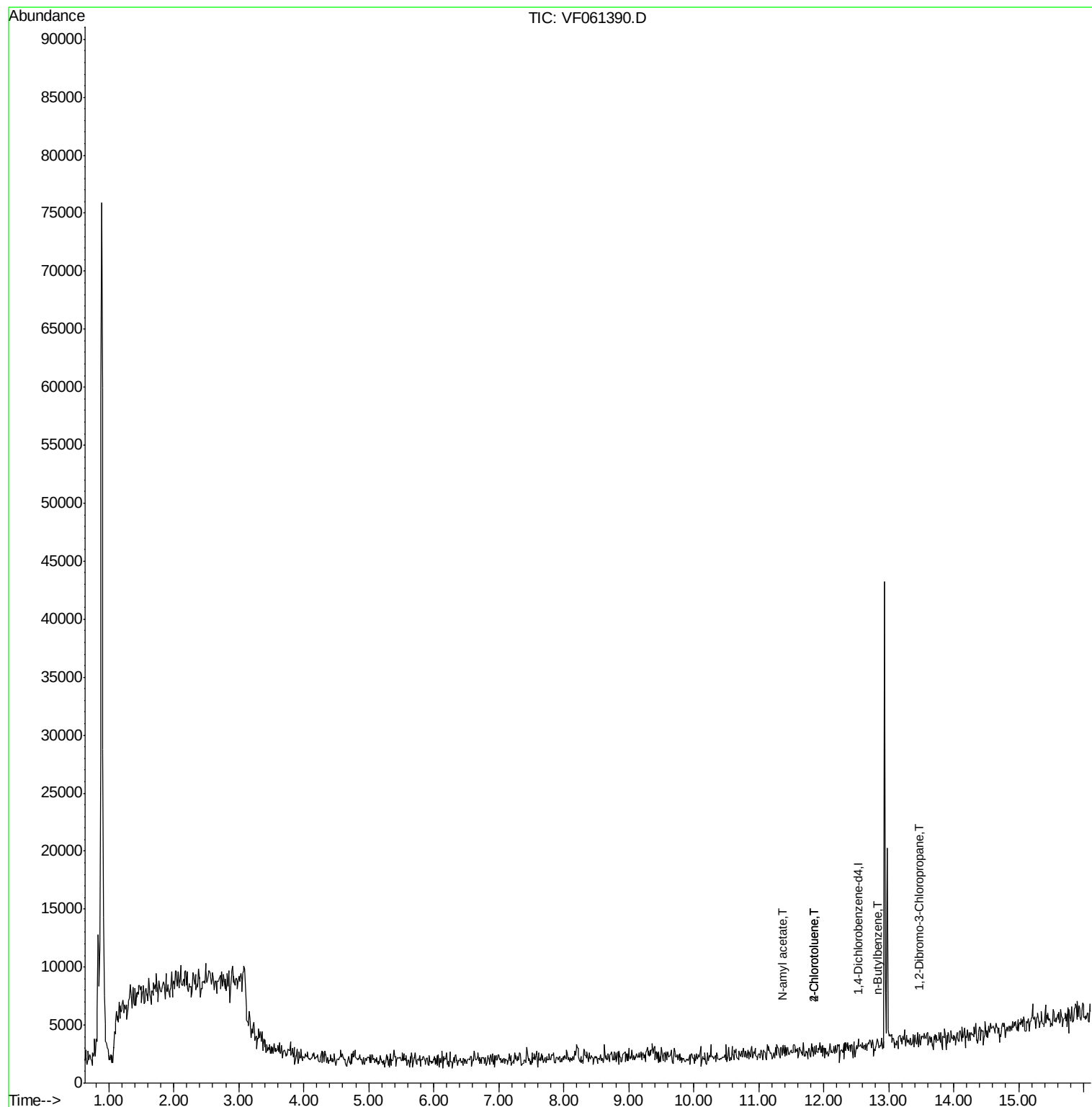
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.87
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.60
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.79
72) 1,4-Dichlorobenzene-d4	12.53	152	78	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.73	65	60	0.00	ug/l	-0.12
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	11.37	43	198	126.905	ug/l #	48
79) 2-Chlorotoluene	11.86	91	75	16.450	ug/l #	41
82) 4-Chlorotoluene	11.86	91	75	16.188	ug/l #	42
89) n-Butylbenzene	12.83	91	70	10.811	ug/l #	27
92) 1,2-Dibromo-3-Chloropropan	13.48	75	98	532.968	ug/l #	1

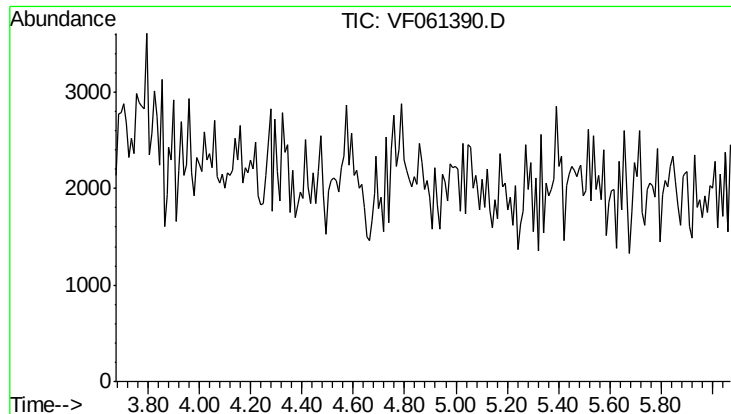
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.87 min

Lab File: VF061390.D

Acq: 14 Jan 2019 15:38

Tot Ion: 168

Sig Exp Ratio

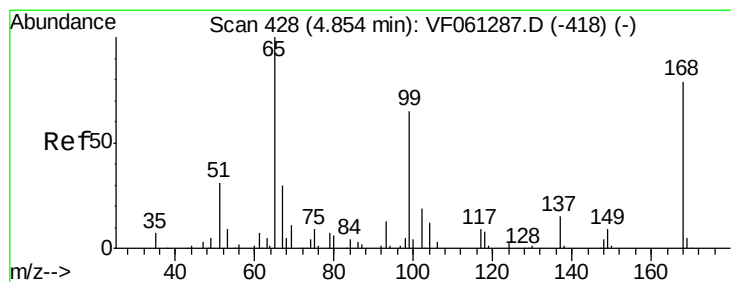
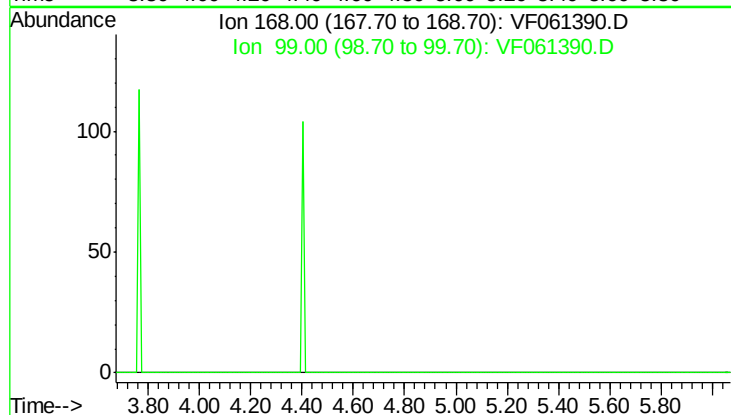
168 100

99 65.9

Instrument :

MSVOA_F

ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 4.73 min Scan# 416

Delta R.T. -0.12 min

Lab File: VF061390.D

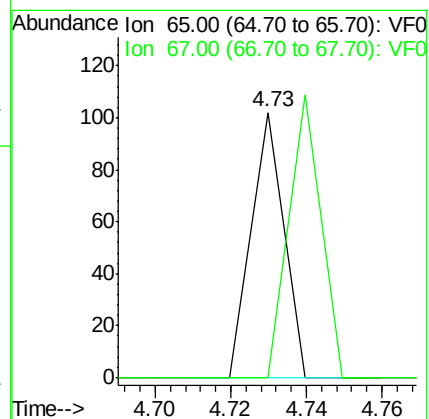
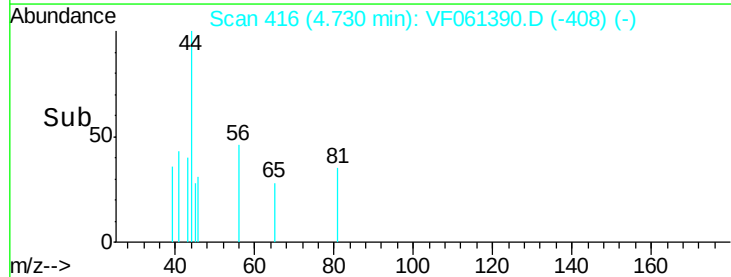
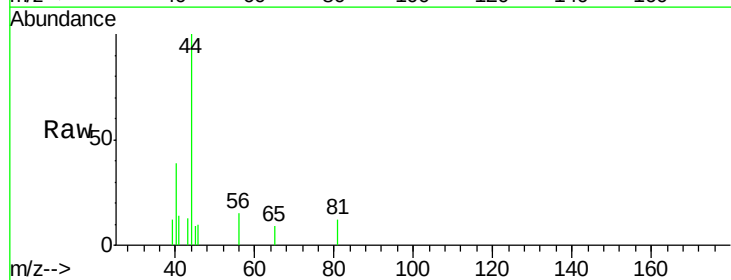
Acq: 14 Jan 2019 15:38

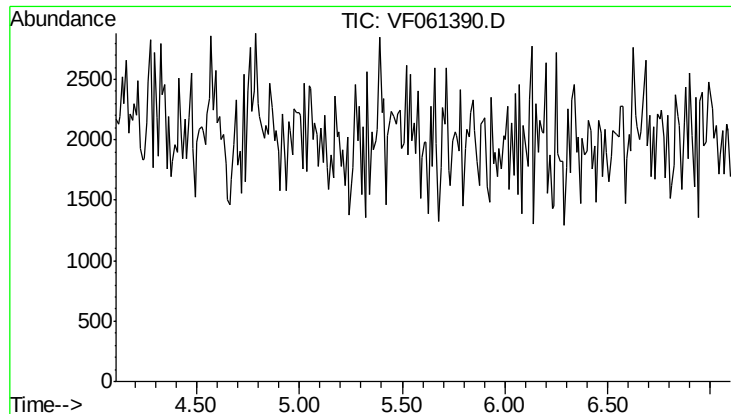
Tgt Ion: 65 Resp: 60

Ion Ratio Lower Upper

65 100

67 0.0 0.0 98.2

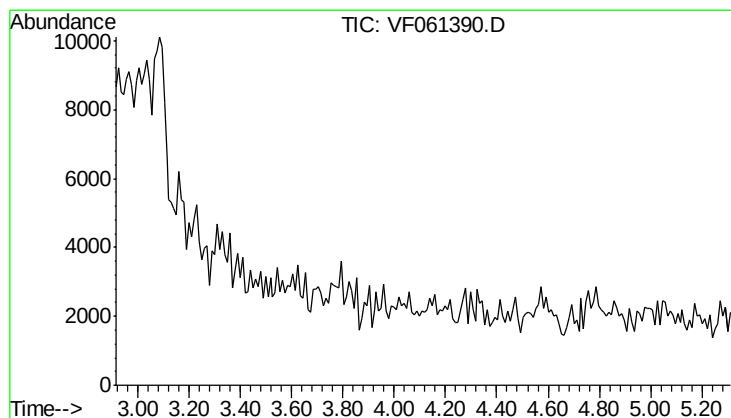
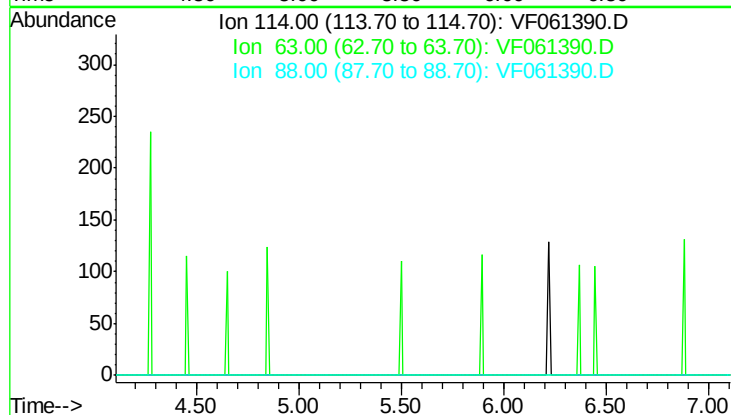




#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 5.60 min
 Lab File: VF061390.D
 Acq: 14 Jan 2019 15:38

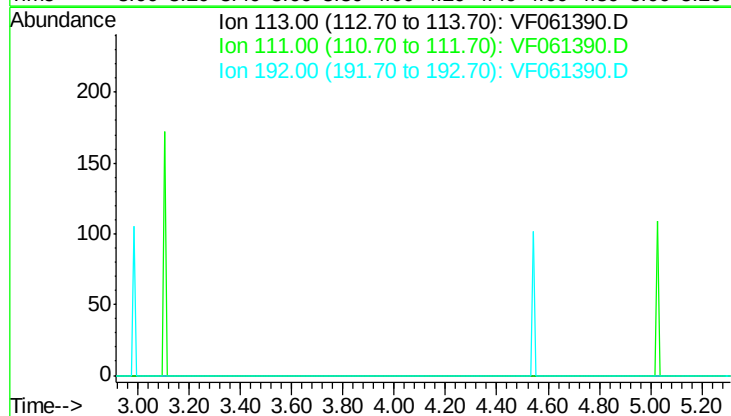
Instrument :
 MSVOA_F
 ClientSampleId :

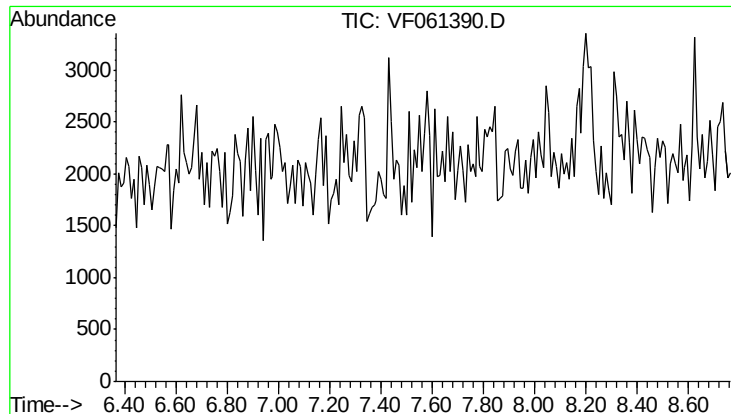
Tot Ion	114
Sig	Exp Ratio
114	100
63	21.4
88	20.0



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.11 min
 Lab File: VF061390.D
 Acq: 14 Jan 2019 15:38

Tgt Ion	113
Sig	Exp Ratio
113	100
111	97.5
192	13.3



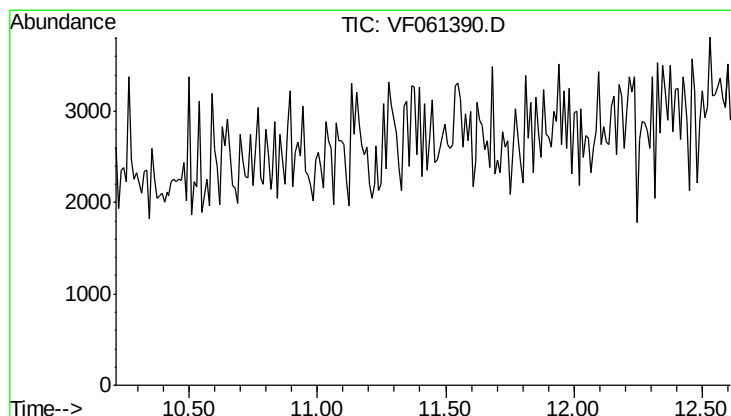
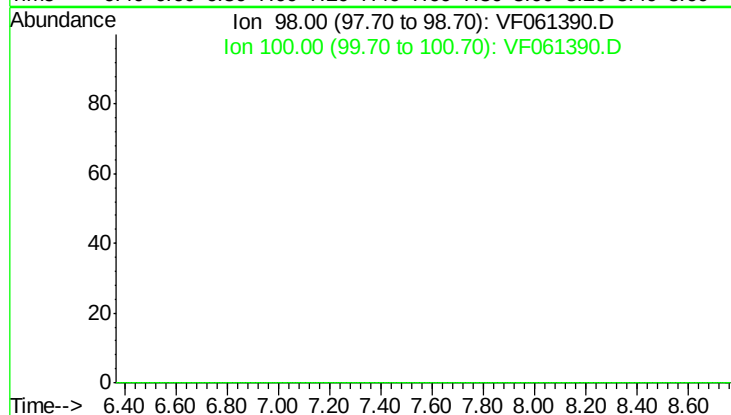


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.57 min

Lab File: VF061390.D
Acq: 14 Jan 2019 15:38

Instrument :
MSVOA_F
ClientSampleId :

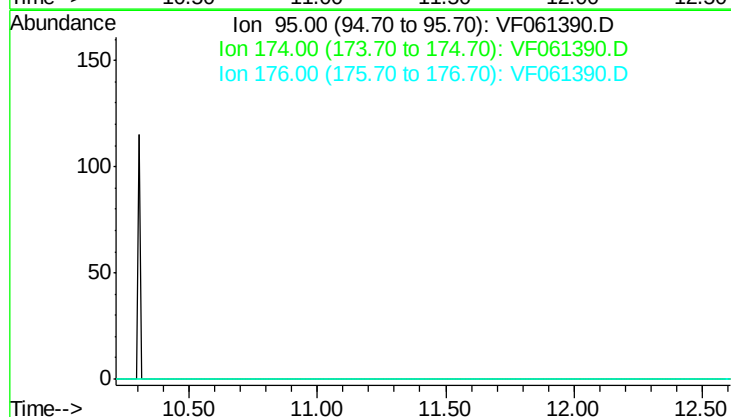
Tot Ion: 98
Sig Exp Ratio
98 100
100 69.5

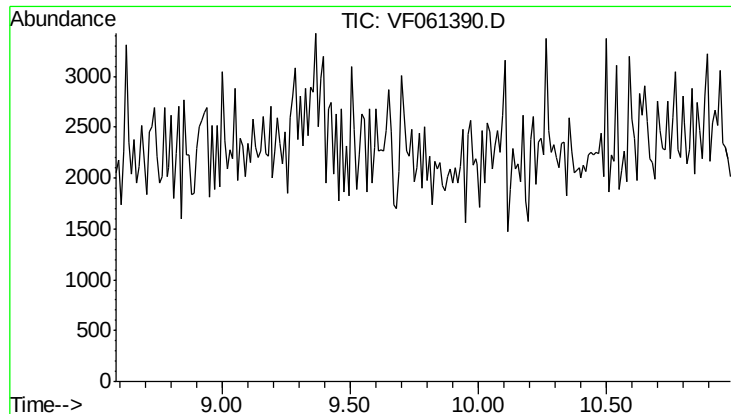


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.41 min

Lab File: VF061390.D
Acq: 14 Jan 2019 15:38

Tgt Ion: 95
Sig Exp Ratio
95 100
174 57.1
176 58.9

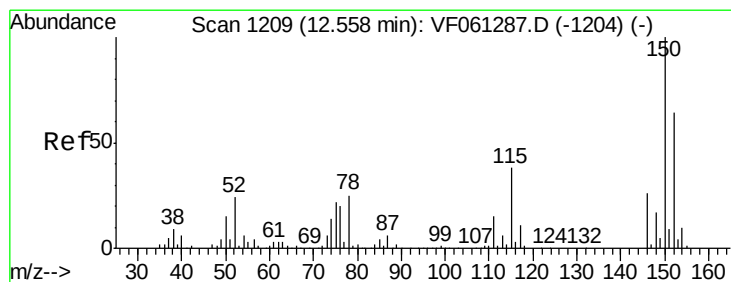
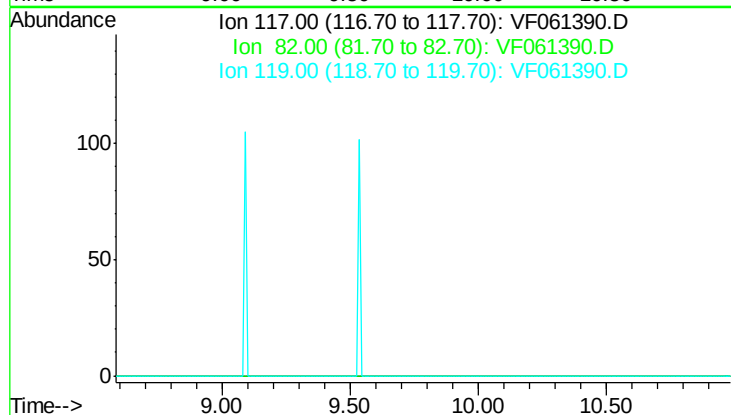




#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.79 min
 Lab File: VF061390.D
 Acq: 14 Jan 2019 15:38

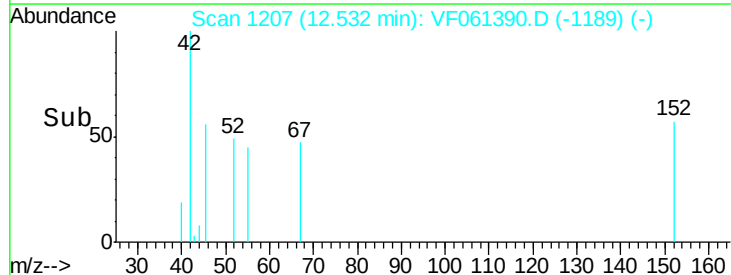
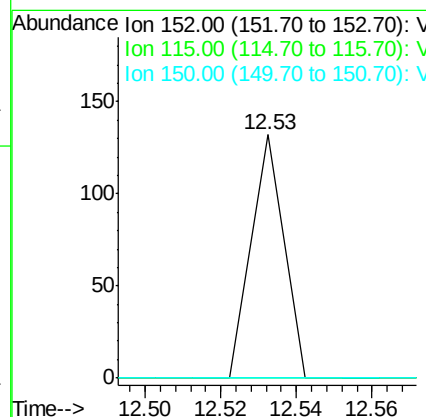
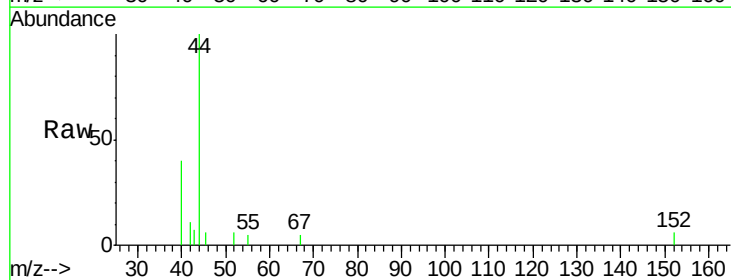
Instrument :
 MSVOA_F
 ClientSampleId :

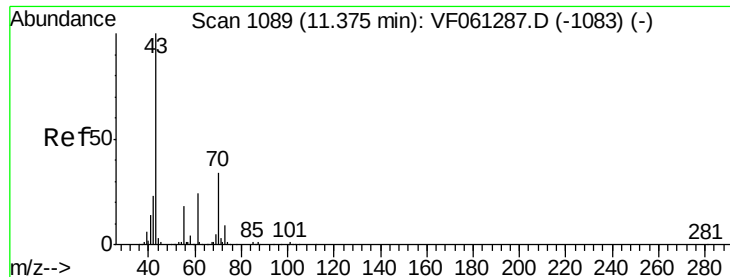
Tot Ion: 117
 Sig Exp Ratio
 117 100
 82 56.6
 119 31.7



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.53 min Scan# 1207
 Delta R.T. -0.03 min
 Lab File: VF061390.D
 Acq: 14 Jan 2019 15:38

Tgt Ion: 152 Resp: 78
 Ion Ratio Lower Upper
 152 100
 115 0.0 29.6 88.9#
 150 0.0 0.0 315.4





#74

N-amyl acetate

Concen: 126.905 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VF061390.D

Acq: 14 Jan 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 43 Resp: 198

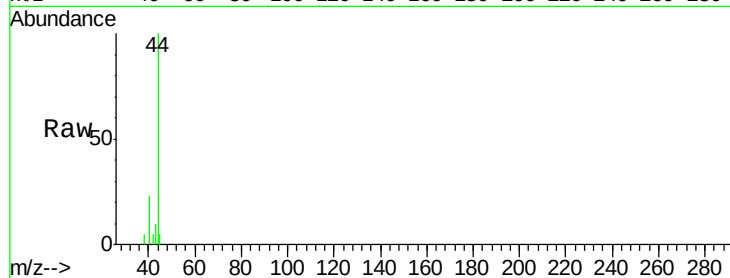
Ion Ratio Lower Upper

43 100

70 0.0 27.4 41.0#

55 0.0 14.7 22.1#

61 0.0 19.0 28.4#

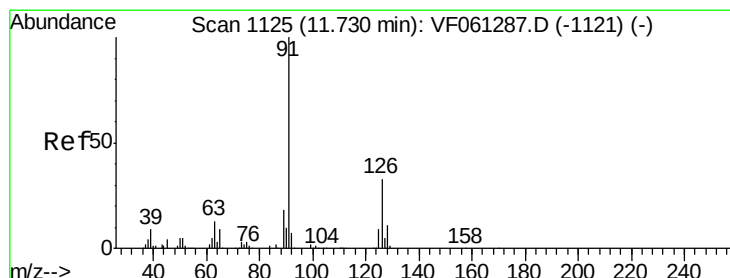
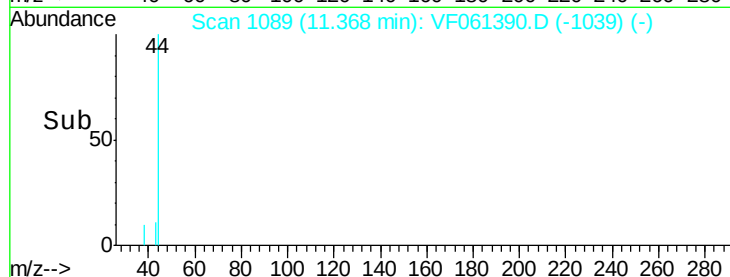
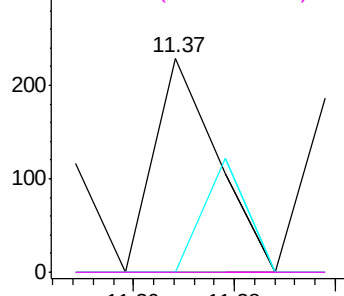


Abundance Ion 43.00 (42.70 to 43.70): VF0

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



#79

2-Chlorotoluene

Concen: 16.450 ug/l

RT: 11.86 min Scan# 1139

Delta R.T. 0.13 min

Lab File: VF061390.D

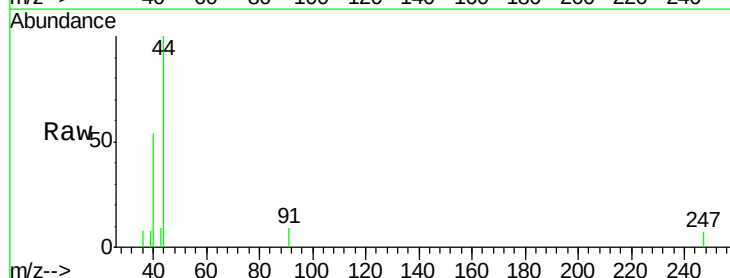
Acq: 14 Jan 2019 15:38

Tgt Ion: 91 Resp: 75

Ion Ratio Lower Upper

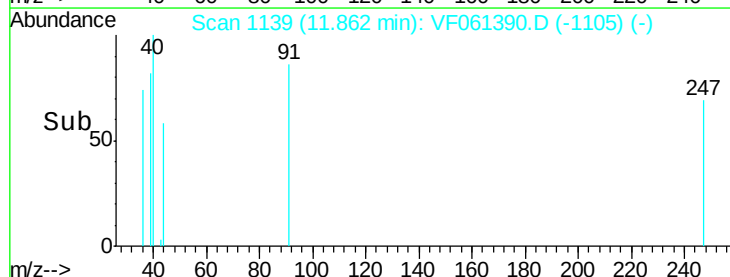
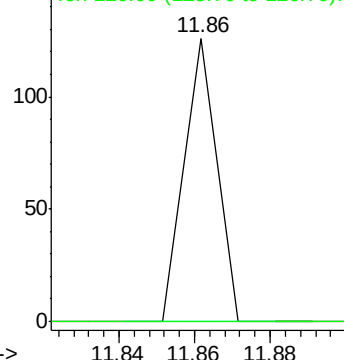
91 100

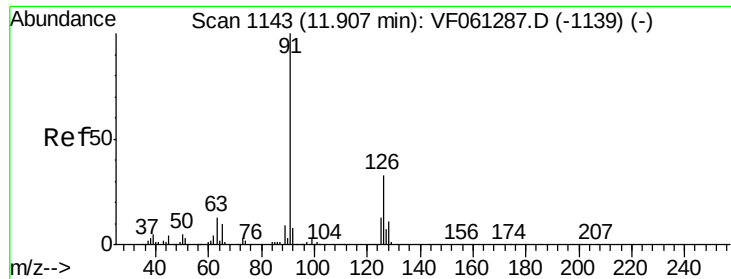
126 0.0 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#82

4-Chlorotoluene

Concen: 16.188 ug/l

RT: 11.86 min Scan# 1139

Delta R.T. -0.05 min

Lab File: VF061390.D

Acq: 14 Jan 2019 15:38

Instrument :

MSVOA_F

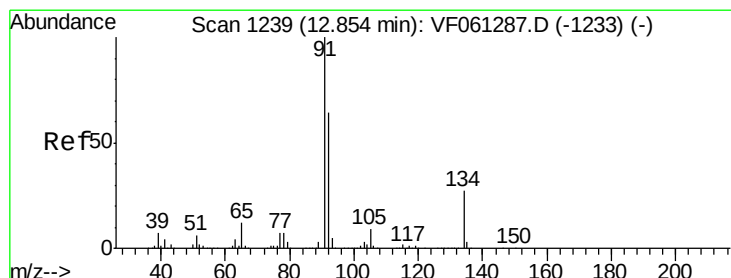
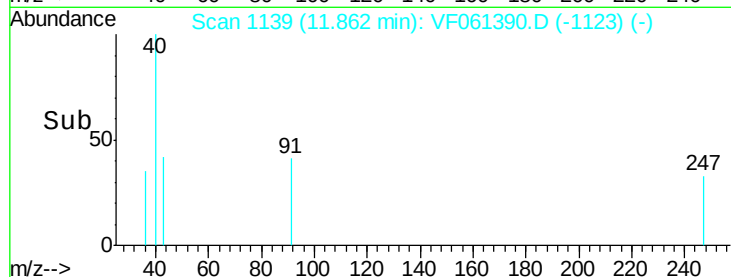
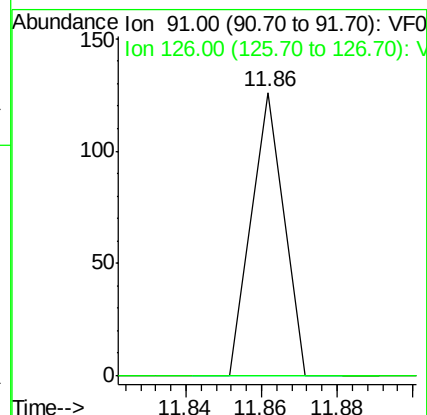
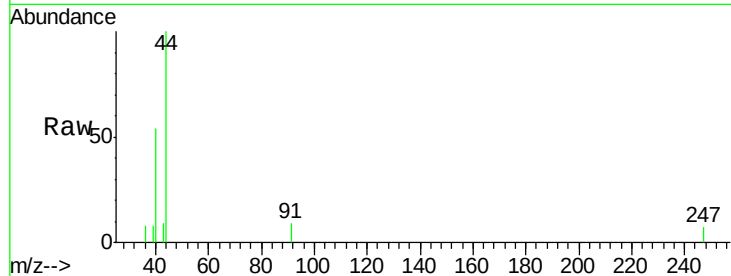
ClientSampled :

Tot Ion: 91 Resp: 75

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.4#



#89

n-Butylbenzene

Concen: 10.811 ug/l

RT: 12.83 min Scan# 1237

Delta R.T. -0.03 min

Lab File: VF061390.D

Acq: 14 Jan 2019 15:38

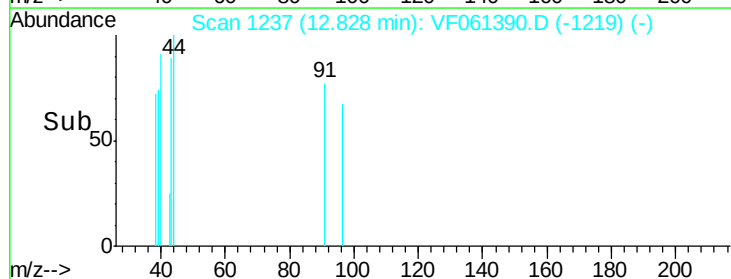
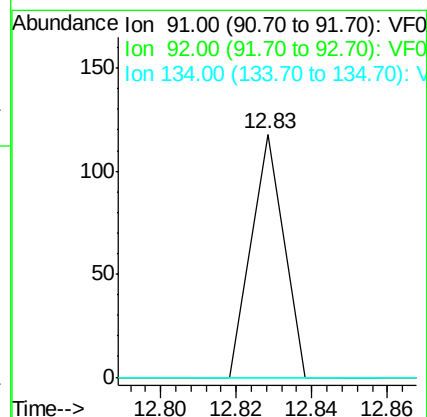
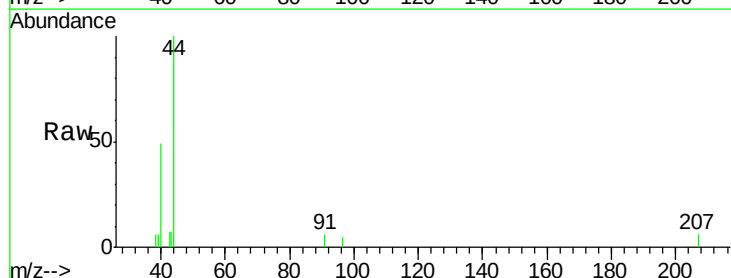
Tgt Ion: 91 Resp: 70

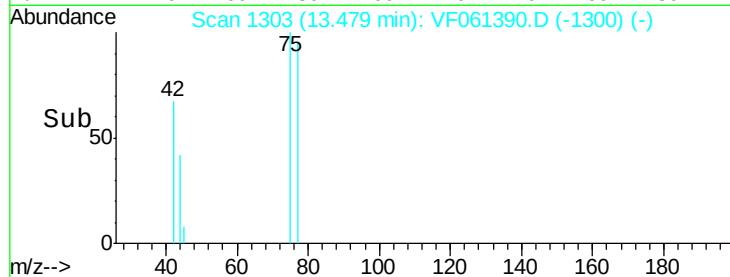
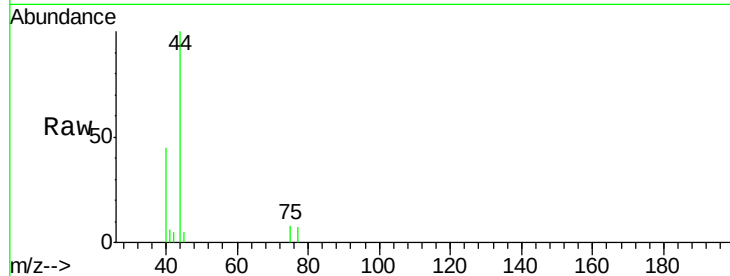
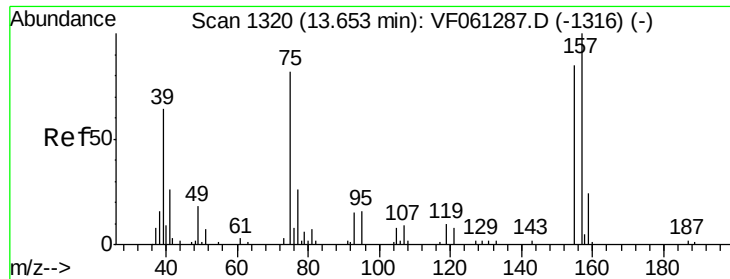
Ion Ratio Lower Upper

91 100

92 0.0 32.1 96.3#

134 0.0 13.4 40.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 532.968 ug/l

RT: 13.48 min Scan# 1303

Delta R.T. -0.17 min

Lab File: VF061390.D

Acq: 14 Jan 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 75 Resp: 98

Ion Ratio Lower Upper

75 100

155 0.0 51.3 154.0#

157 0.0 60.7 182.0#

