

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061420.D
 Acq On : 16 Jan 2019 19:12
 Operator : VA/AP
 Sample : K1153-01RE
 Misc : 5.49g/5mL/MSVOA-F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200044-RBR200027RE

Quant Time: Jan 17 02:56:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 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	-4.86
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.59
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.77
72) 1,4-Dichlorobenzene-d4	12.55	152	72	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	78	0.00	ug/l	-0.01
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	11.41	95	59	0.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.00%	

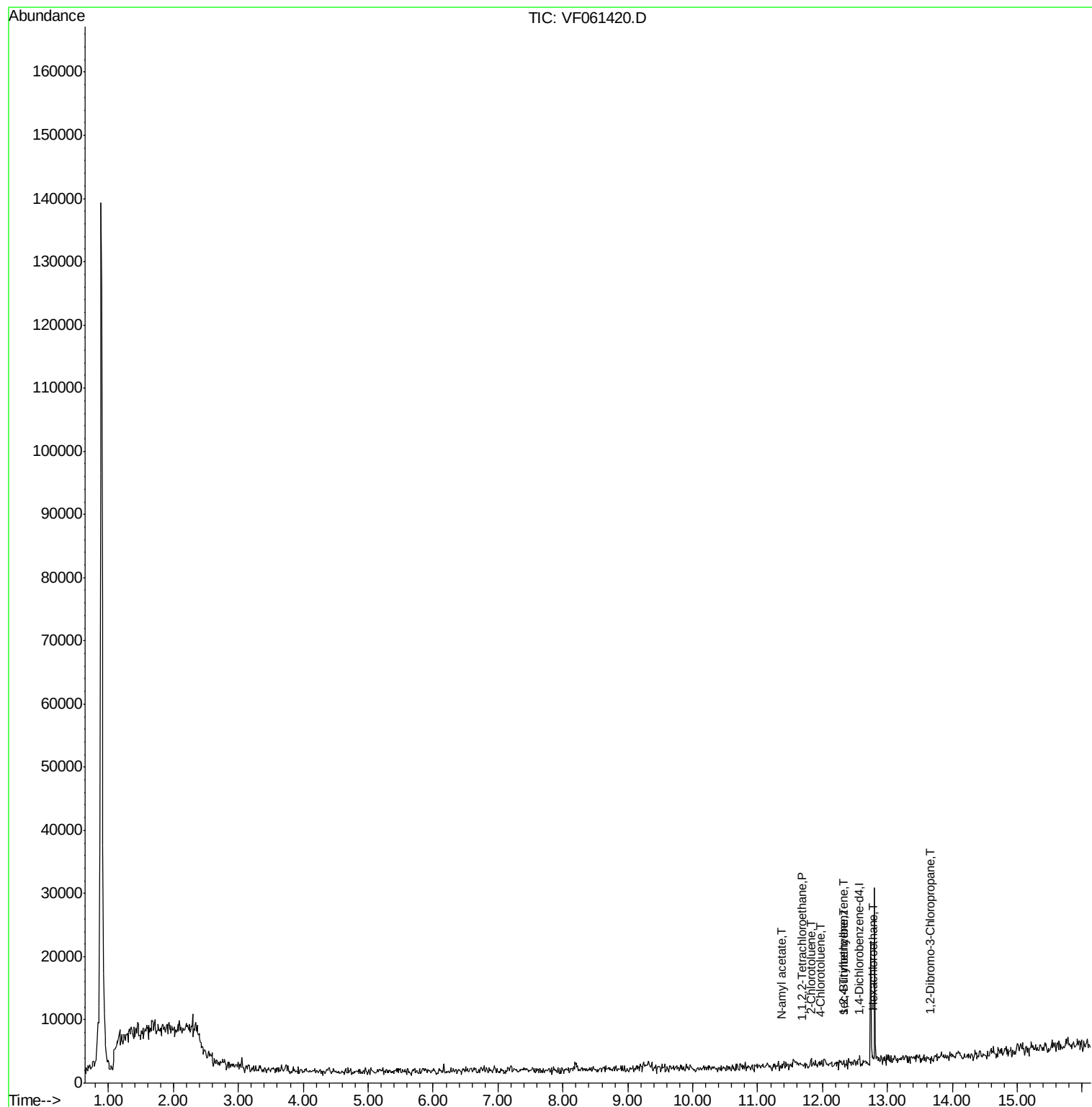
Target Compounds						Qvalue
74) N-amyl acetate	11.36	43	80	57.774	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.69	83	79	75.728	ug/l #	24
79) 2-Chlorotoluene	11.82	91	68	16.736	ug/l #	45
82) 4-Chlorotoluene	11.95	91	86	20.976	ug/l #	43
84) 1,2,4-Trimethylbenzene	12.33	105	62	12.737	ug/l #	28
85) sec-Butylbenzene	12.33	105	62	9.334	ug/l #	56
90) Hexachloroethane	12.78	117	80	62.239	ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.65	75	63	340.480	ug/l #	1

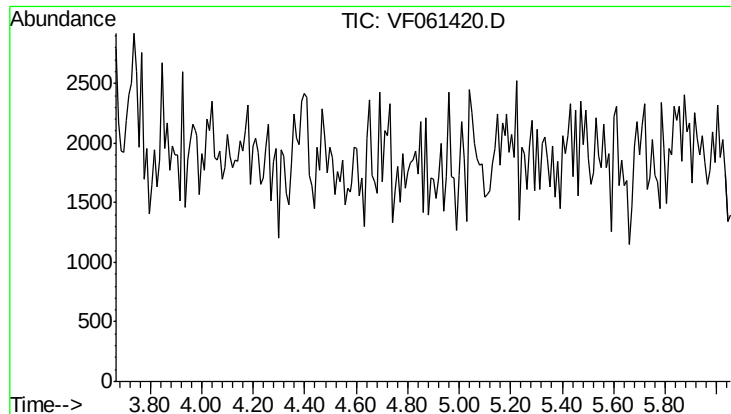
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.86 min

Lab File: VF061420.D

Acq: 16 Jan 2019 19:12

Tot Ion: 168

Sig Exp Ratio

168 100

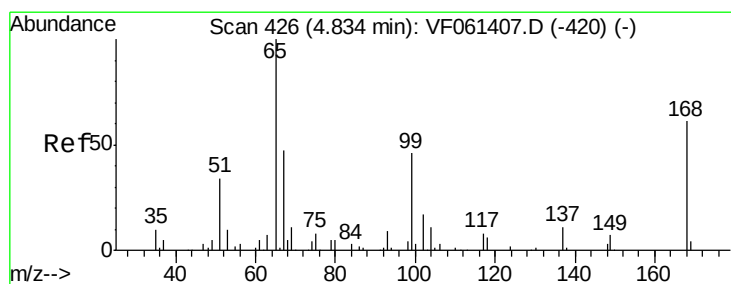
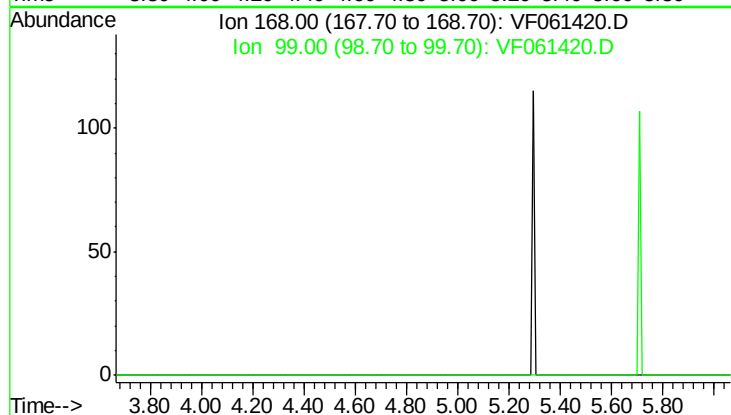
99 66.9

Instrument :

MSVOA_F

ClientSampleId :

RBR200044-RBR200027RE



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.01 min

Lab File: VF061420.D

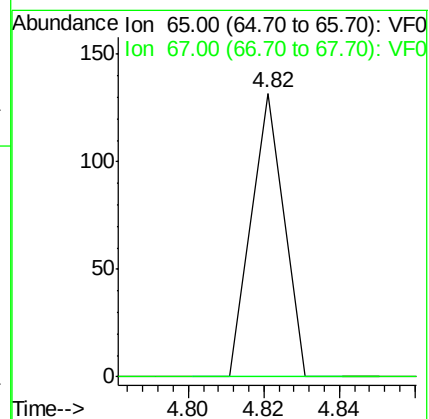
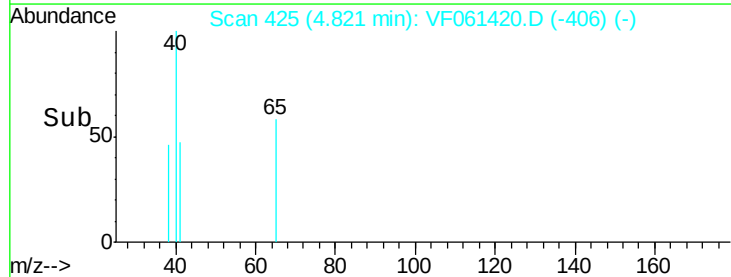
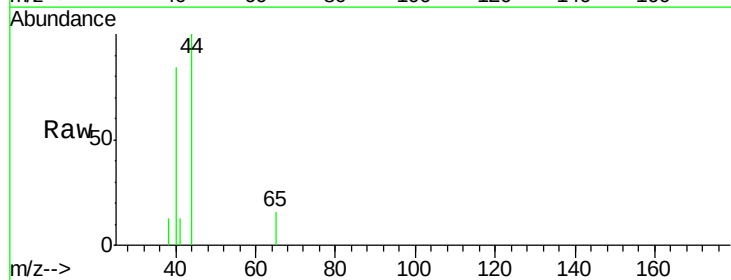
Acq: 16 Jan 2019 19:12

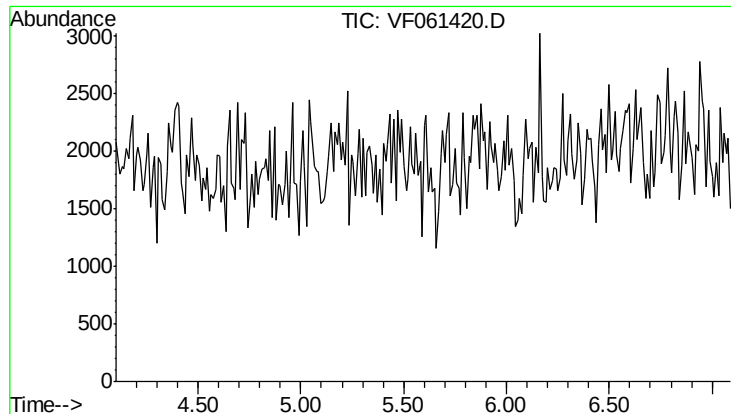
Tgt Ion: 65 Resp: 78

Ion Ratio Lower Upper

65 100

67 0.0 0.0 99.8



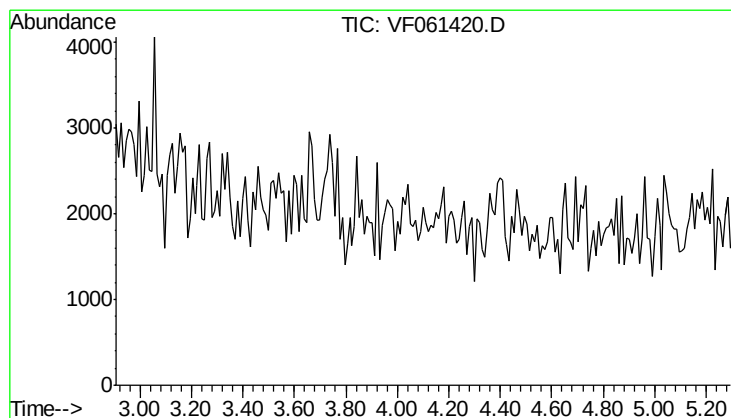
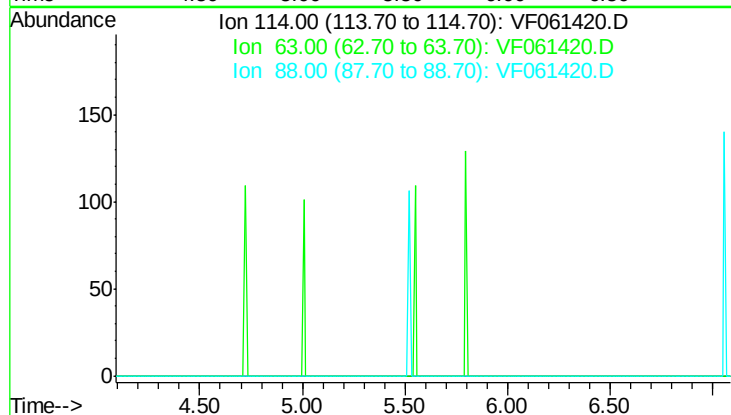


#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 5.59 min

Lab File: VF061420.D
 Acq: 16 Jan 2019 19:12

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200044-RBR200027RE

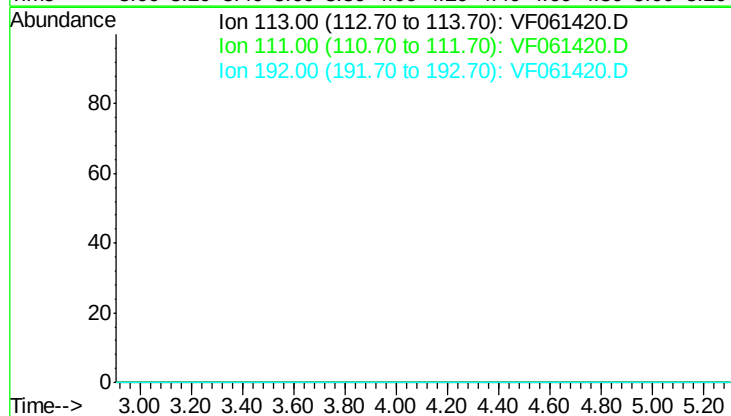
Tot Ion	114
Sig	Exp Ratio
114	100
63	19.5
88	18.7

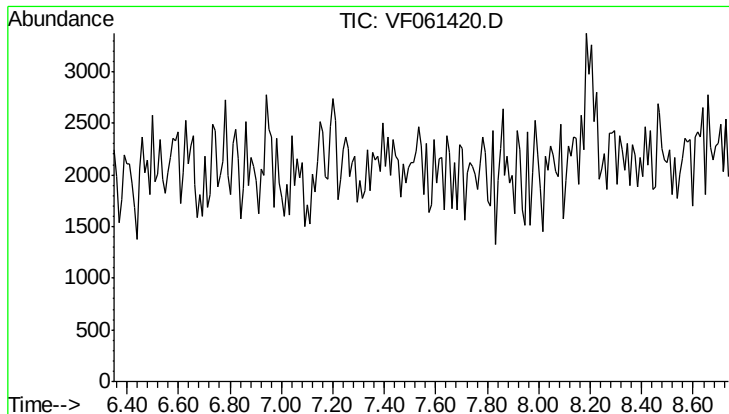


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.10 min

Lab File: VF061420.D
 Acq: 16 Jan 2019 19:12

Tgt Ion	113
Sig	Exp Ratio
113	100
111	99.2
192	15.5



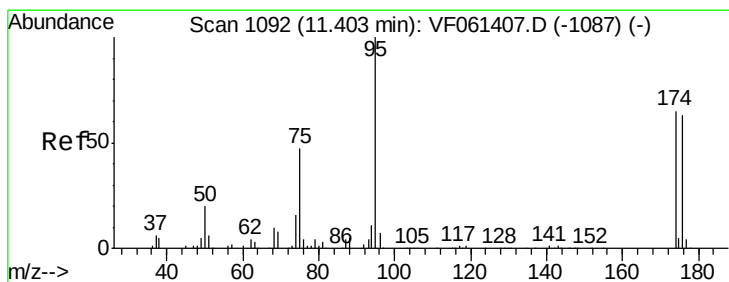
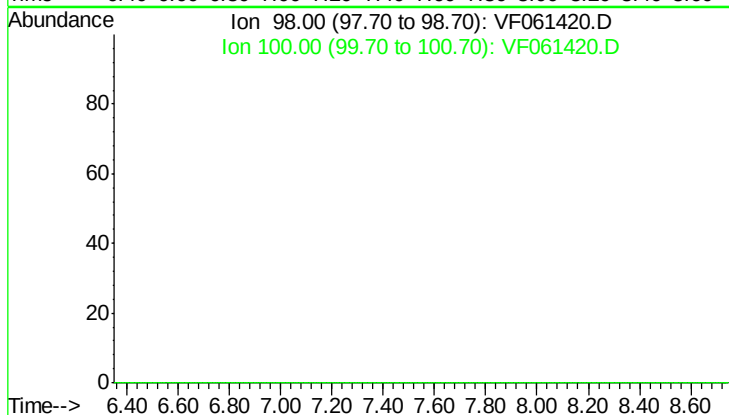


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.55 min

Lab File: VF061420.D
Acq: 16 Jan 2019 19:12

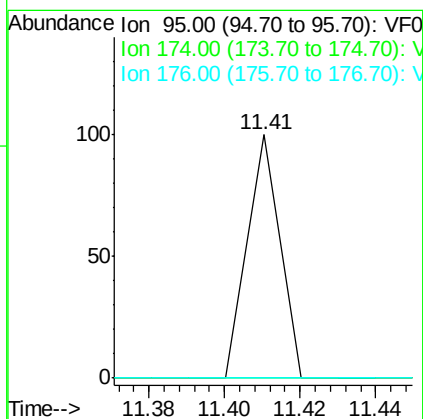
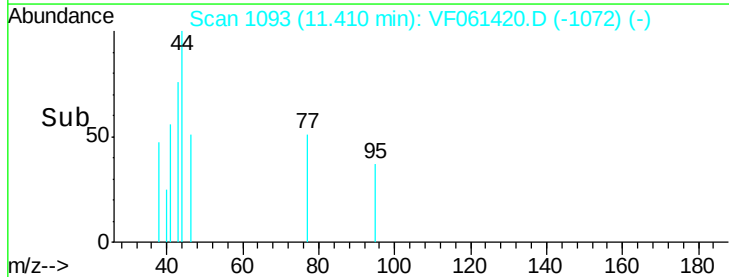
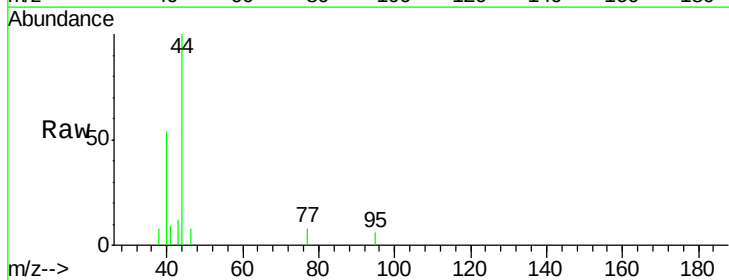
Instrument :
MSVOA_F
ClientSampleId :
RBR200044-RBR200027RE

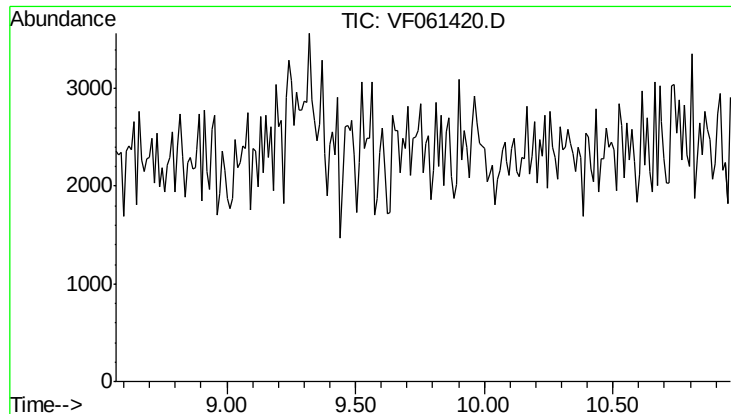
Tot Ion: 98
Sig Exp Ratio
98 100
100 69.5



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061420.D
Acq: 16 Jan 2019 19:12

Tgt Ion: 95 Resp: 59
Ion Ratio Lower Upper
95 100
174 0.0 0.0 130.4
176 0.0 0.0 126.2

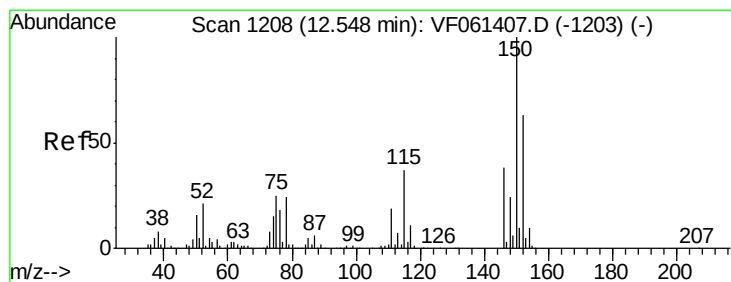
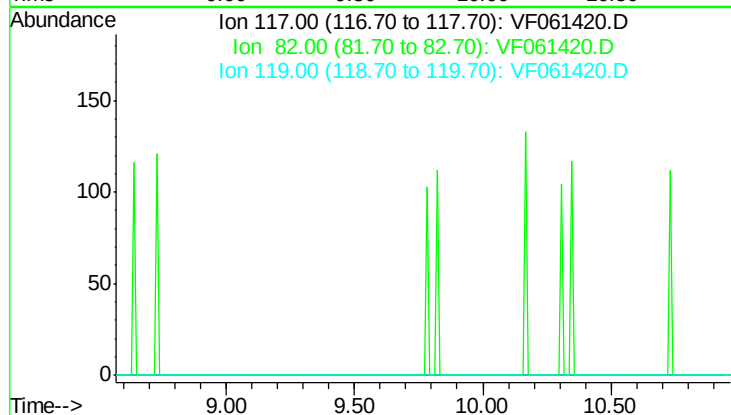




#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 9.77 min
Lab File: VF061420.D
Acq: 16 Jan 2019 19:12

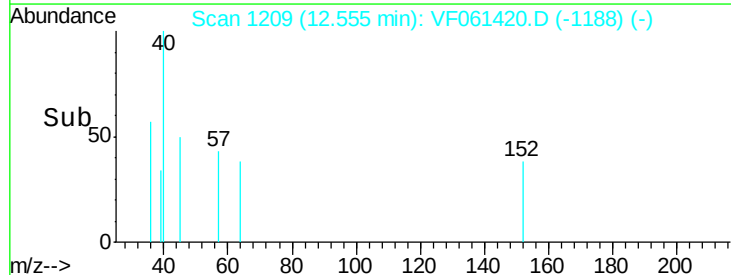
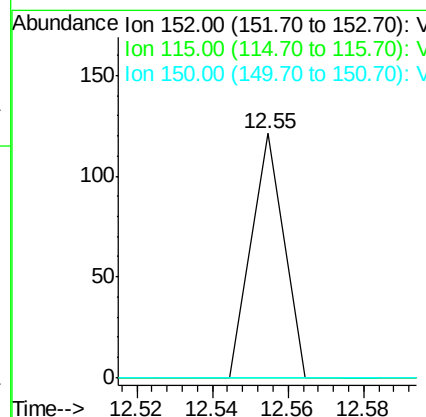
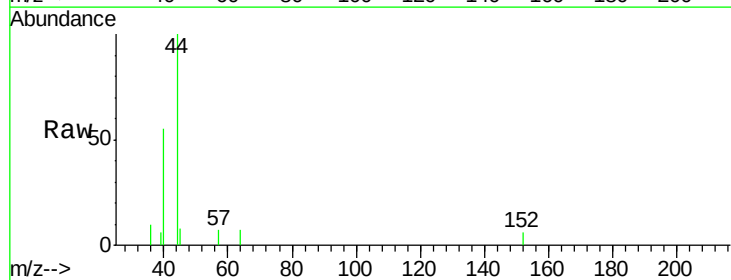
Instrument :
MSVOA_F
ClientSampleId :
RBR200044-RBR200027RE

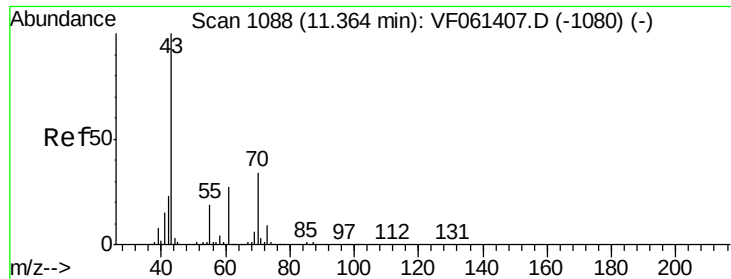
Tot Ion: 117
Sig Exp Ratio
117 100
82 58.0
119 34.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061420.D
Acq: 16 Jan 2019 19:12

Tgt Ion: 152 Resp: 72
Ion Ratio Lower Upper
152 100
115 0.0 30.0 90.0#
150 0.0 0.0 321.4





#74

N-amvl acetate

Concen: 57.774 ug/l

RT: 11.36 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VF061420.D

Acq: 16 Jan 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

RBR200044-RBR200027RE

Tot Ion: 43 Resp: 80

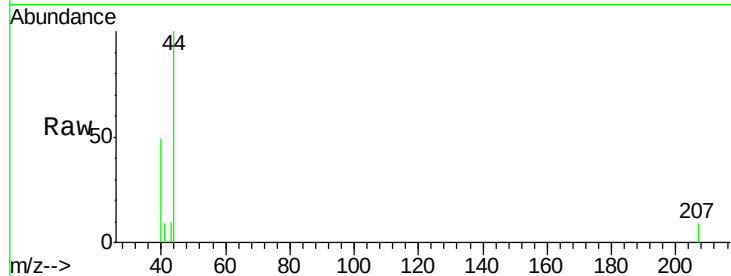
Ion Ratio Lower Upper

43 100

70 0.0 27.6 41.4#

55 0.0 15.4 23.2#

61 0.0 21.8 32.6#

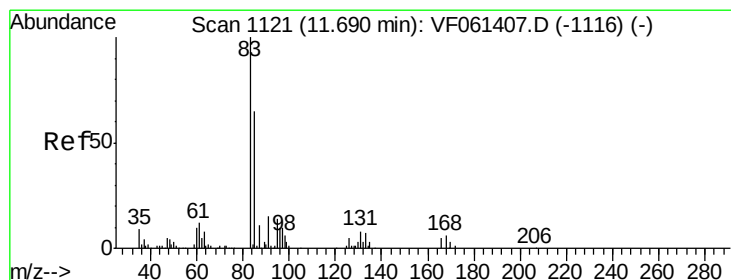
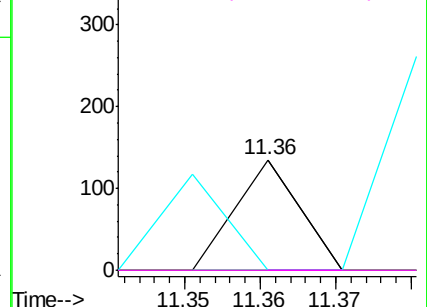
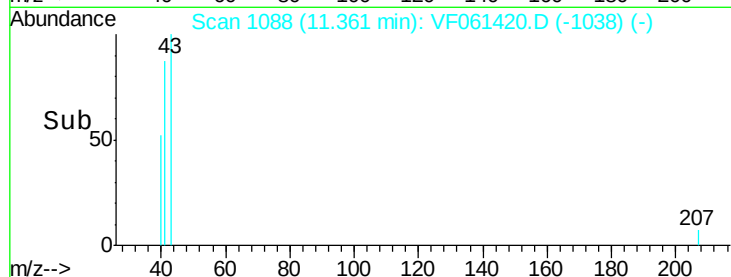


Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 75.728 ug/l

RT: 11.69 min Scan# 1121

Delta R.T. -0.00 min

Lab File: VF061420.D

Acq: 16 Jan 2019 19:12

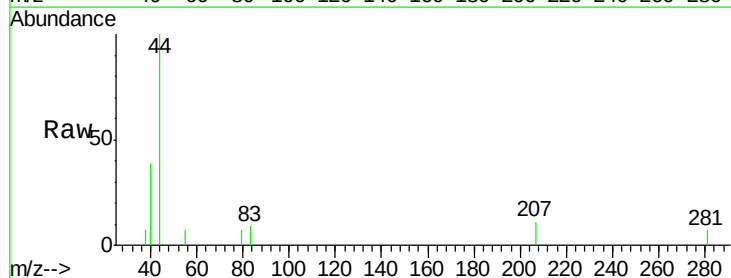
Tgt Ion: 83 Resp: 79

Ion Ratio Lower Upper

83 100

131 0.0 4.0 12.2#

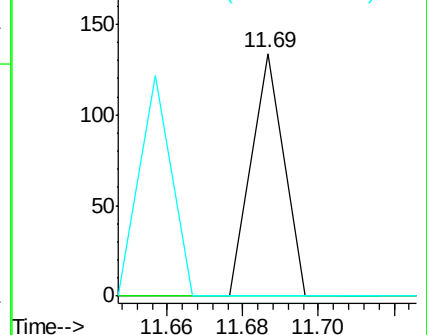
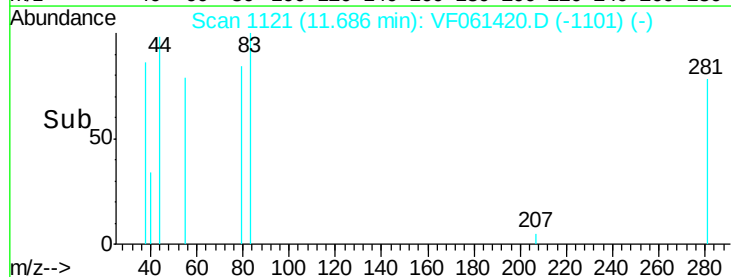
85 0.0 32.7 98.1#

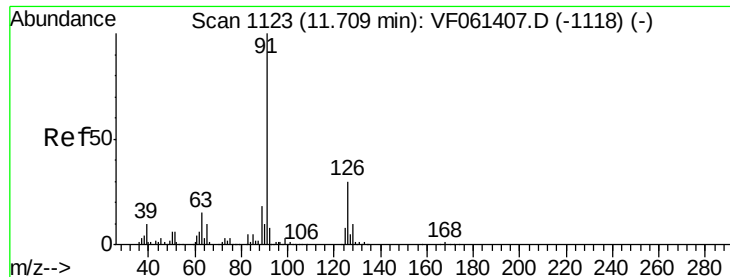


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#79

2-Chlorotoluene

Concen: 16.736 ug/l

RT: 11.82 min Scan# 1135

Delta R.T. 0.12 min

Lab File: VF061420.D

Acq: 16 Jan 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

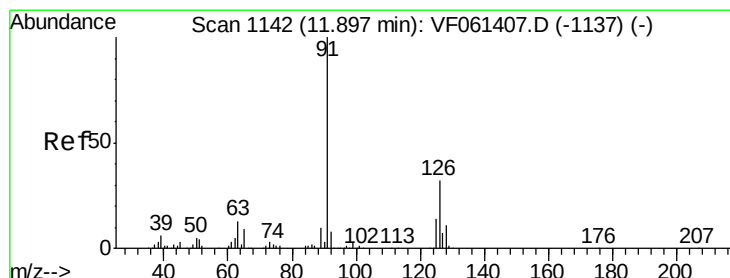
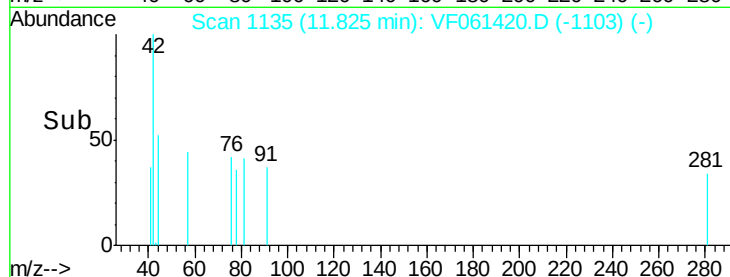
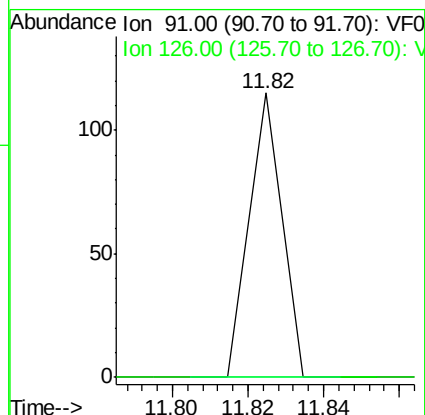
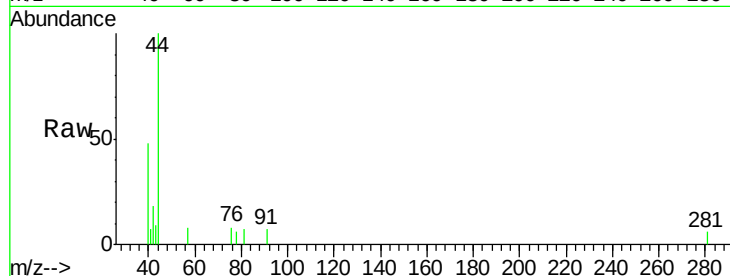
RBR200044-RBR200027RE

Tot Ion: 91 Resp: 68

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.1#



#82

4-Chlorotoluene

Concen: 20.976 ug/l

RT: 11.95 min Scan# 1148

Delta R.T. 0.06 min

Lab File: VF061420.D

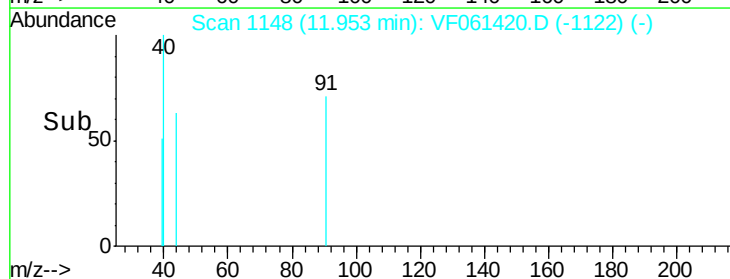
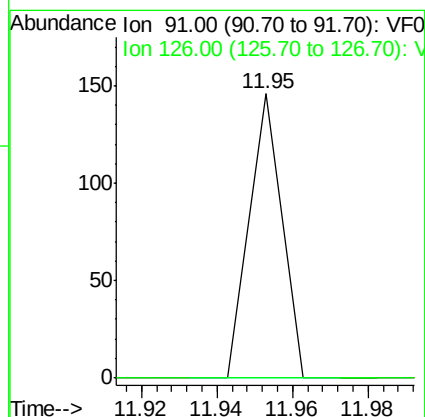
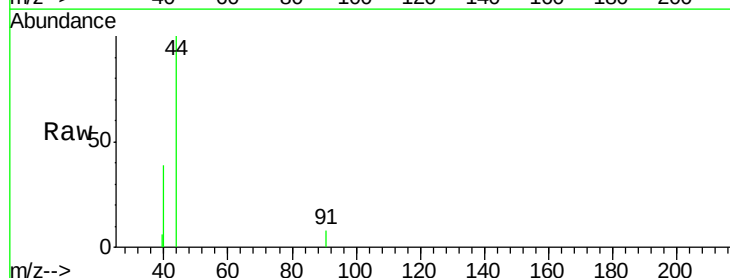
Acq: 16 Jan 2019 19:12

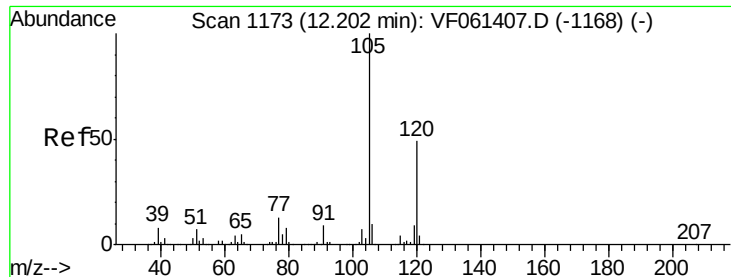
Tgt Ion: 91 Resp: 86

Ion Ratio Lower Upper

91 100

126 0.0 16.0 47.9#





#84

1,2,4-Trimethylbenzene

Concen: 12.737 ug/l

RT: 12.33 min Scan# 1186

Delta R.T. 0.13 min

Lab File: VF061420.D

Acq: 16 Jan 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

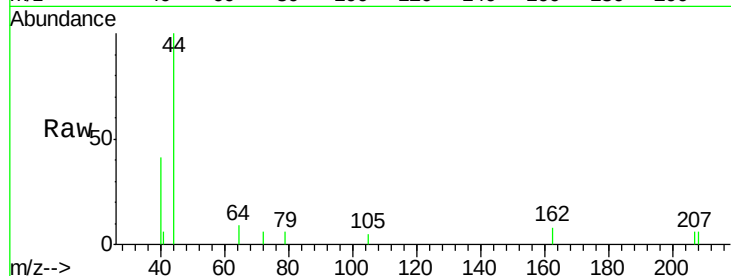
RBR200044-RBR200027RE

Tot Ion:105 Resp: 62

Ion Ratio Lower Upper

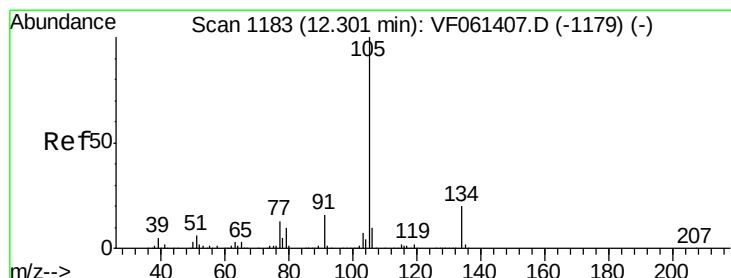
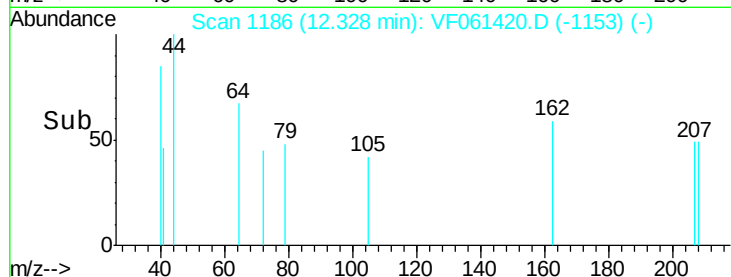
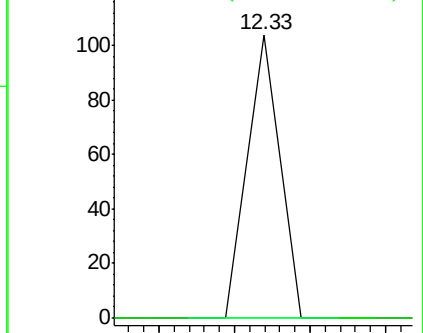
105 100

120 0.0 24.9 74.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 9.334 ug/l

RT: 12.33 min Scan# 1186

Delta R.T. 0.03 min

Lab File: VF061420.D

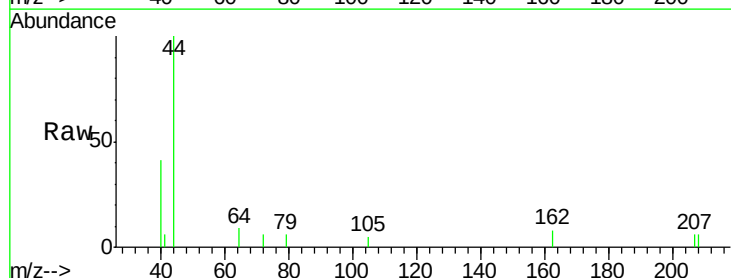
Acq: 16 Jan 2019 19:12

Tgt Ion:105 Resp: 62

Ion Ratio Lower Upper

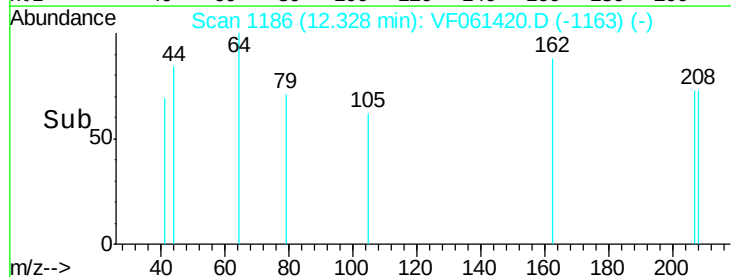
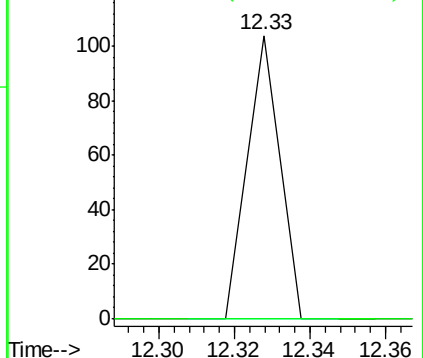
105 100

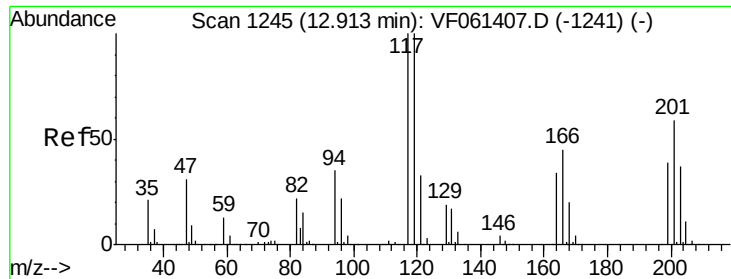
134 0.0 10.0 30.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 62.239 ug/l

RT: 12.78 min Scan# 1232

Delta R.T. -0.13 min

Lab File: VF061420.D

Acq: 16 Jan 2019 19:12

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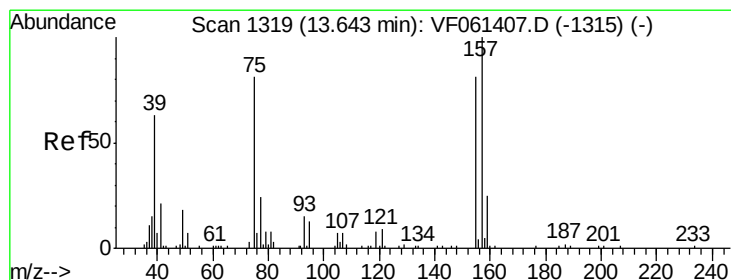
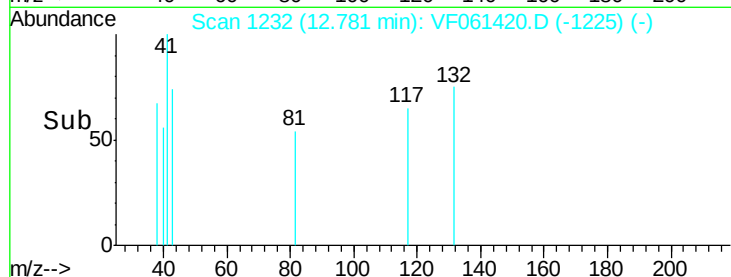
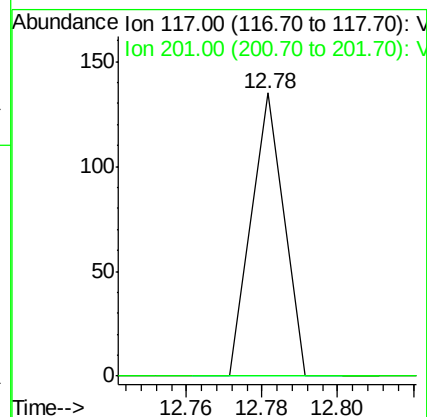
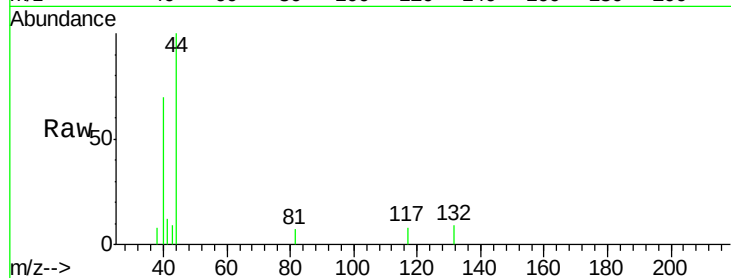
RBR200044-RBR200027RE

Tot Ion:117 Resp: 80

Ion Ratio Lower Upper

117 100

201 0.0 29.3 87.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 340.480 ug/l

RT: 13.65 min Scan# 1320

Delta R.T. 0.01 min

Lab File: VF061420.D

Acq: 16 Jan 2019 19:12

Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

155 0.0 49.7 149.1#

157 0.0 61.4 184.1#

