

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060484.D
 Acq On : 8 Oct 2018 15:05
 Operator : VA/AP
 Sample : J5084-13RE
 Misc : 6.25/5mL/MSVOA_F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-11(12-12.5)RE

Manual Integrations
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Quant Time: Oct 09 02:03:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.00	168	233264	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.73	114	411553	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	264303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	156764	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	151103	41.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.80%	
35) Dibromofluoromethane	4.25	113	147906	38.26	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	76.52%	
50) Toluene-d8	7.67	98	297196	31.21	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	62.42%	
62) 4-Bromofluorobenzene	11.49	95	293396	67.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.96%	
Target Compounds						
17) Carbon Disulfide	1.88	76	71139	8.303	ug/l #	89
39) Methylcyclohexane	5.60	83	53474	10.750	ug/l #	58
73) Isopropylbenzene	11.21	105	267282	21.654	ug/l	93
78) n-propylbenzene	11.67	91	1442057	96.371	ug/l	96
85) sec-Butylbenzene	12.37	105	1048154	73.414	ug/l #	63
89) n-Butylbenzene	12.90	91	1508964m	122.255	ug/l	

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

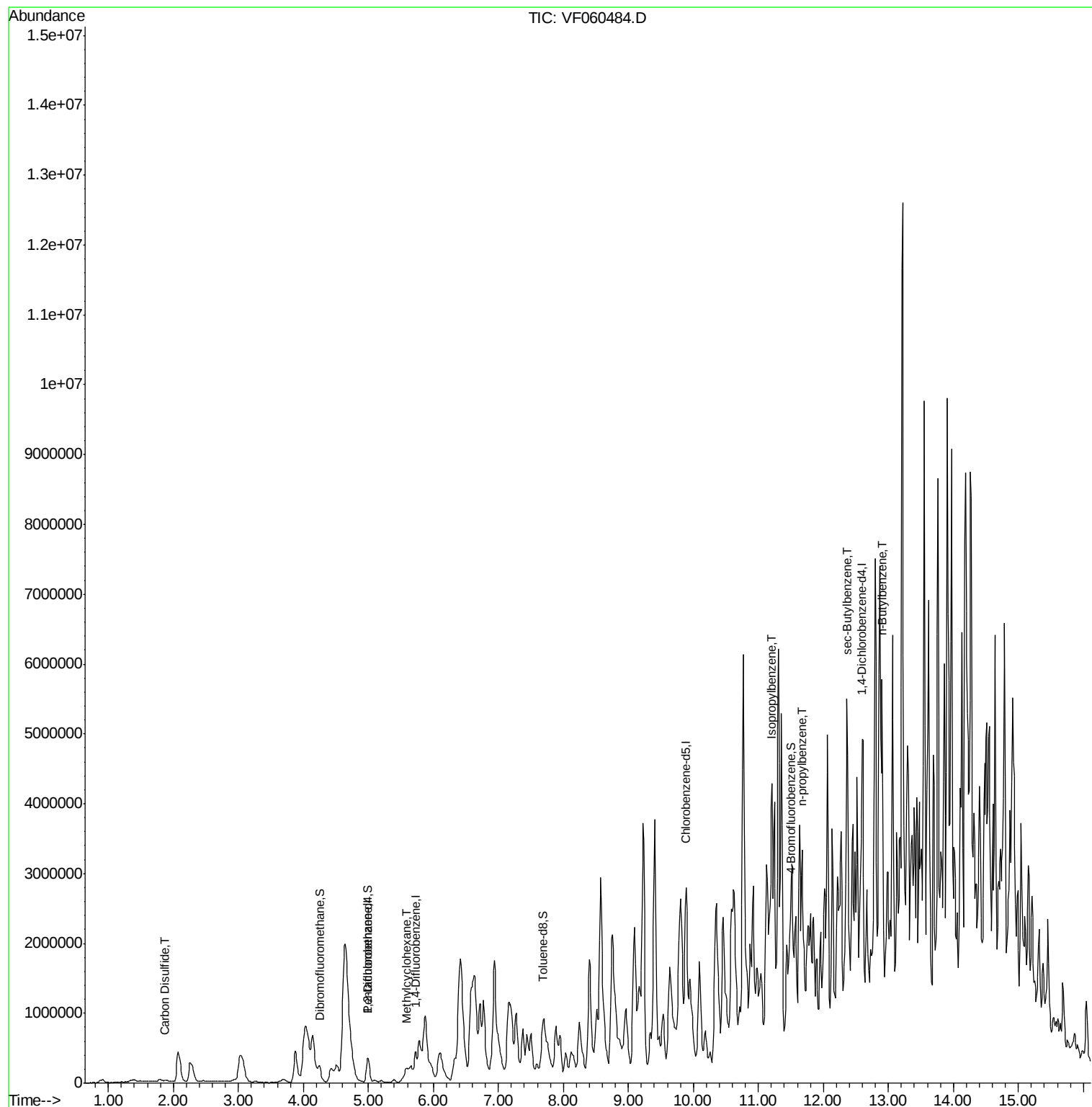
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
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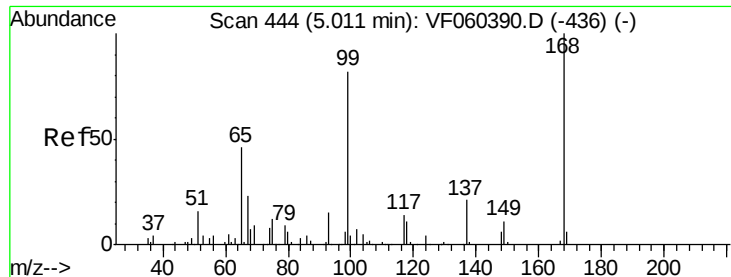
Instrument :
MSVOA_F
ClientSampleId :
B-11(12-12.5)RE

Quant Time: Oct 09 02:03:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060484.D

Acq: 8 Oct 2018 15:05

Instrument :

MSVOA_F

ClientSampleId :

B-11(12-12.5)RE

Tgt Ion:168 Resp: 233264

Ion Ratio Lower Upper

168 100

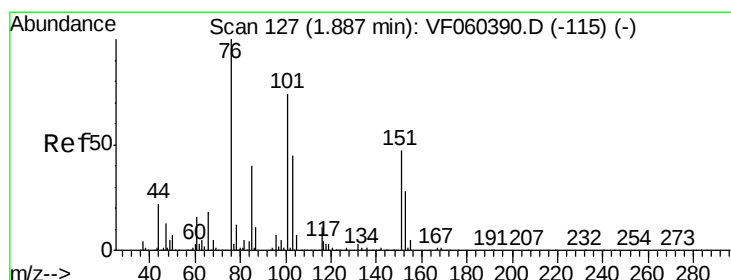
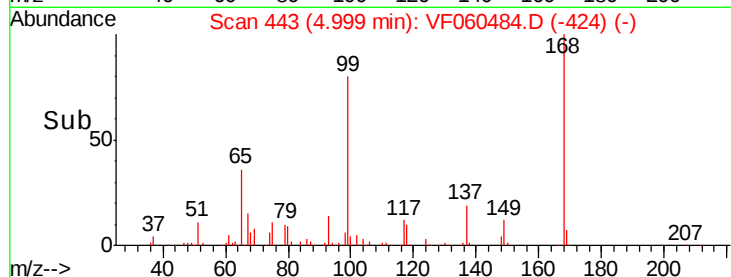
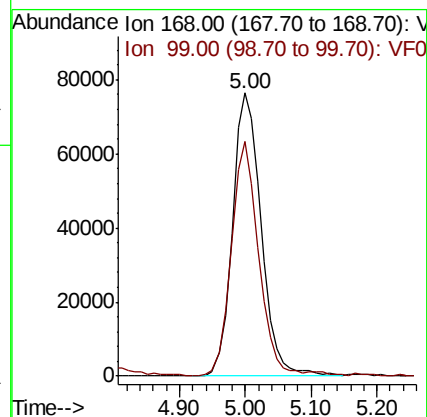
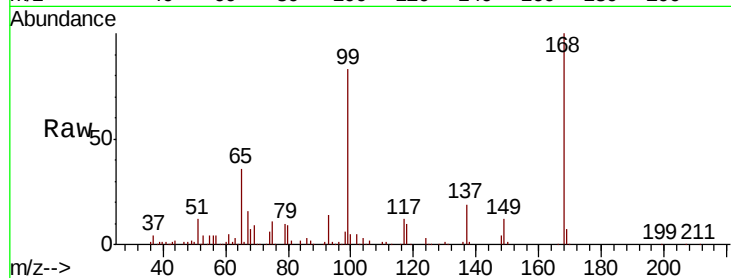
99 82.9 65.3 97.9

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#17

Carbon Disulfide

Concen: 8.303 ug/l

RT: 1.88 min Scan# 127

Delta R.T. -0.00 min

Lab File: VF060484.D

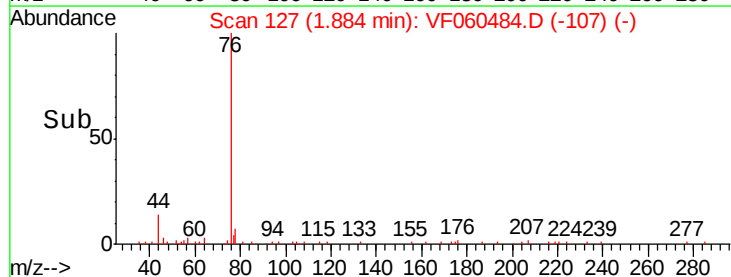
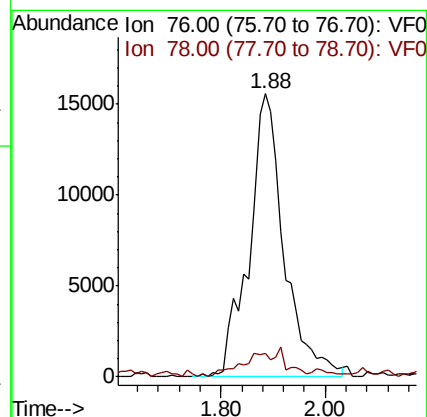
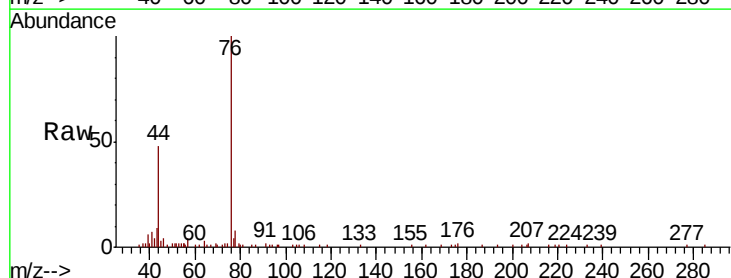
Acq: 8 Oct 2018 15:05

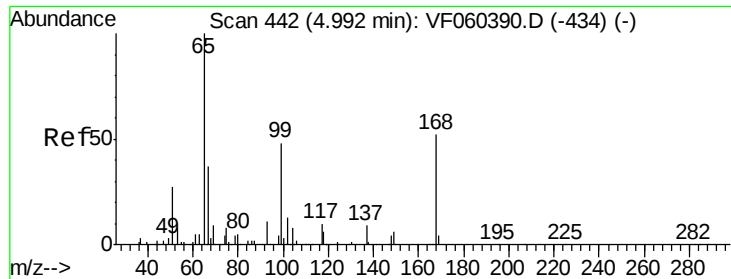
Tgt Ion: 76 Resp: 71139

Ion Ratio Lower Upper

76 100

78 8.3 10.1 15.1#





#33

1,2-Dichloroethane-d4

Concen: 41.398 ug/l

RT: 4.98 min Scan# 441

Delta R.T. -0.01 min

Lab File: VF060484.D

Acq: 8 Oct 2018 15:05

Instrument :

MSVOA_F

ClientSampleId :

B-11(12.5)RE

Tgt Ion: 65 Resp: 151103

Ion Ratio Lower Upper

65 100

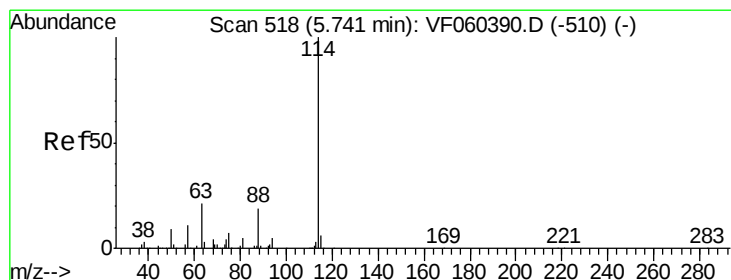
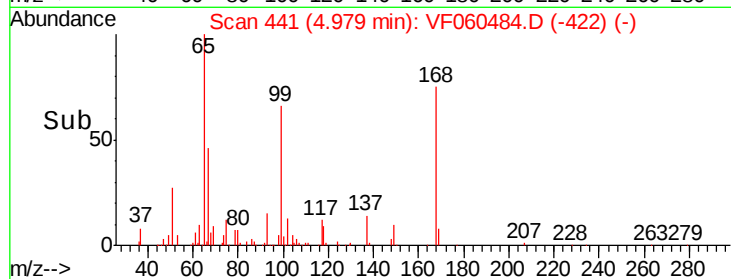
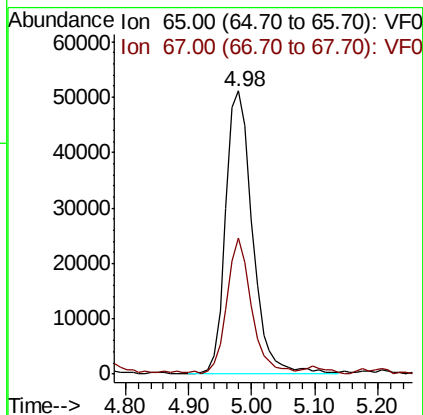
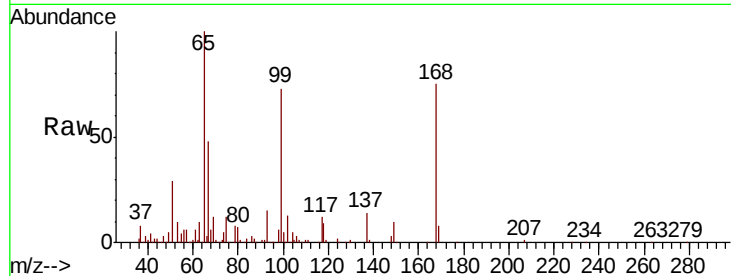
67 48.3 0.0 89.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 517

Delta R.T. -0.01 min

Lab File: VF060484.D

Acq: 8 Oct 2018 15:05

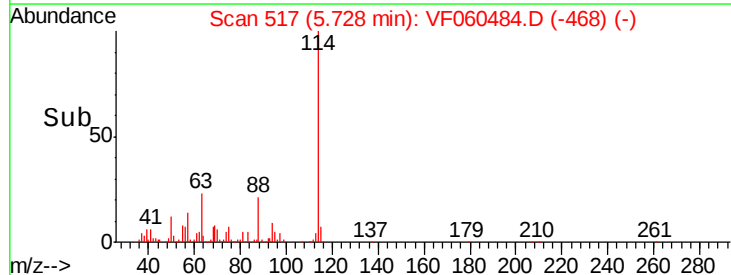
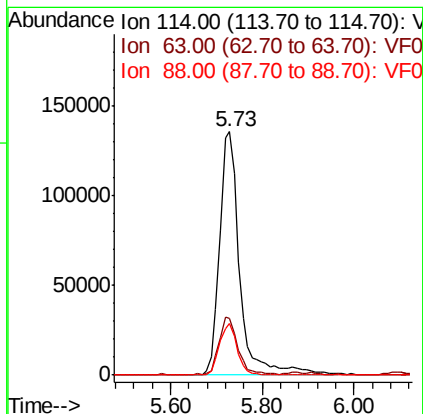
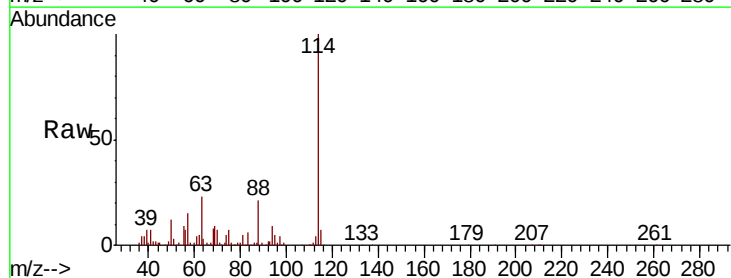
Tgt Ion: 114 Resp: 411553

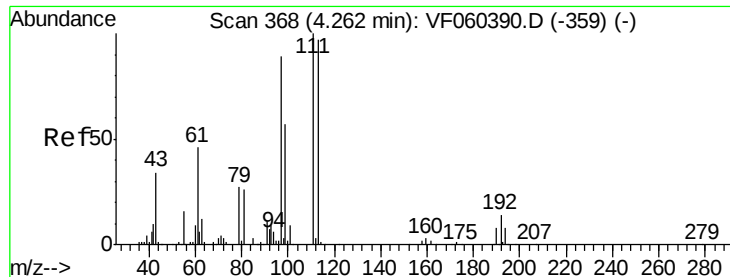
Ion Ratio Lower Upper

114 100

63 23.4 0.0 42.2

88 21.0 0.0 38.8





#35

Dibromofluoromethane

Concen: 38.255 ug/l

RT: 4.25 min Scan# 367

Delta R.T. -0.01 min

Lab File: VF060484.D

Acq: 8 Oct 2018 15:05

Instrument :

MSVOA_F

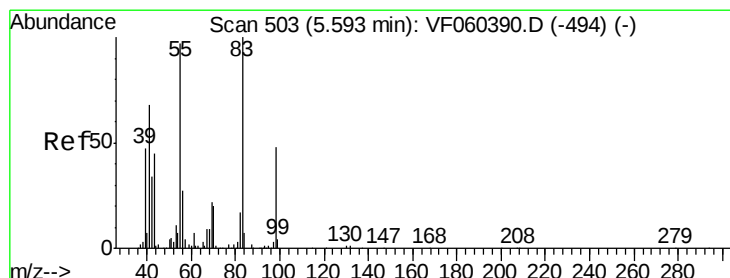
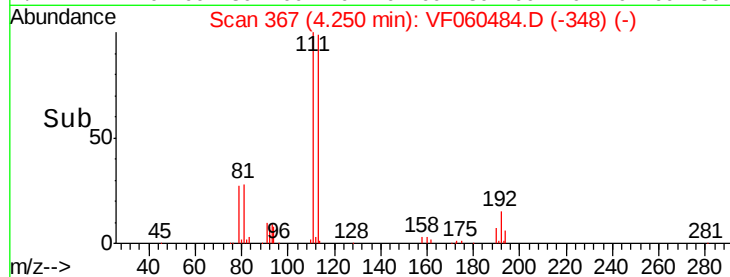
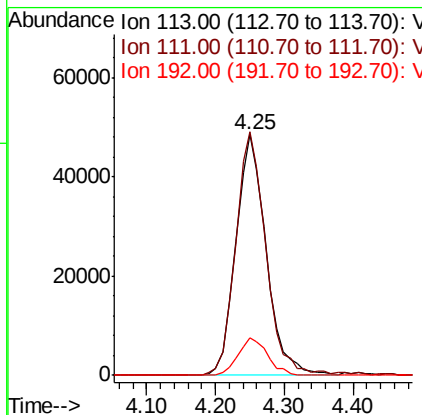
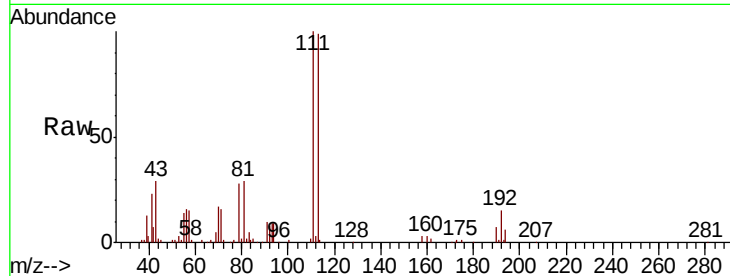
ClientSampleId :

B-11(12-12.5)RE

Tgt Ion:	113	Resp:	147906
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.3	123.5
192	15.5	11.8	17.6

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#39

Methylcyclohexane

Concen: 10.750 ug/l

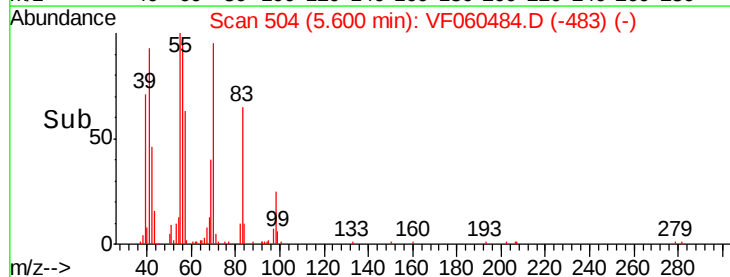
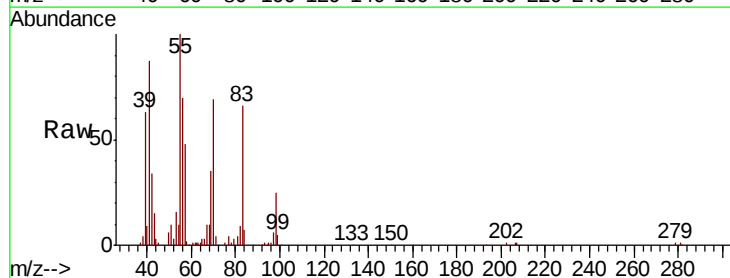
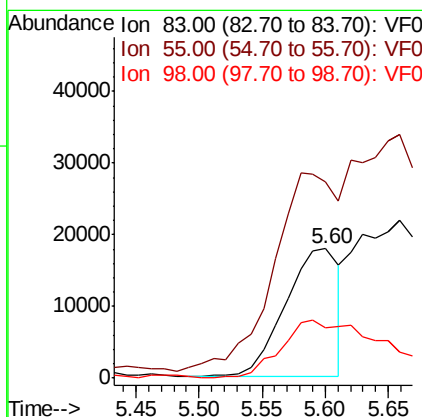
RT: 5.60 min Scan# 504

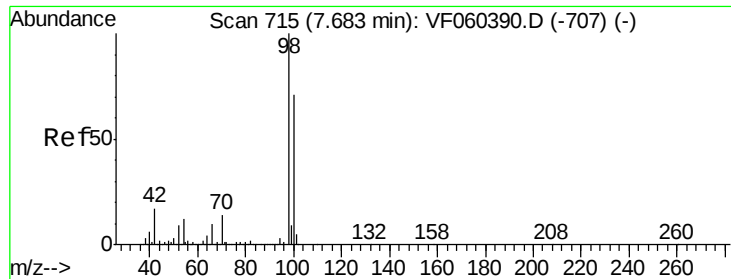
Delta R.T. 0.01 min

Lab File: VF060484.D

Acq: 8 Oct 2018 15:05

Tgt Ion:	83	Resp:	53474
Ion Ratio	Lower	Upper	
83	100		
55	152.2	77.5	116.3#
98	38.6	38.7	58.1#





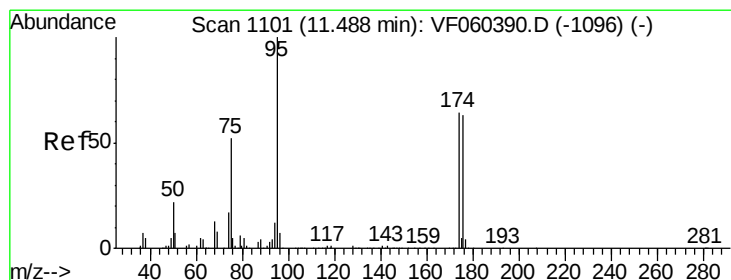
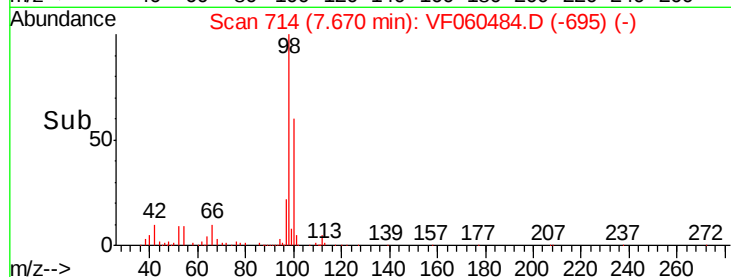
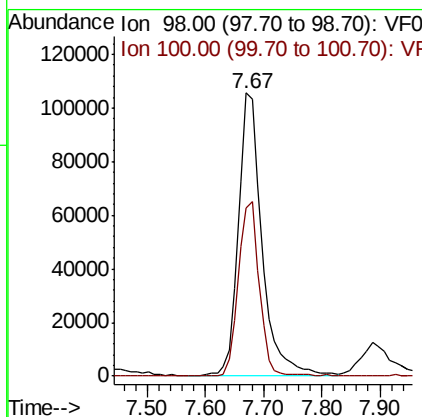
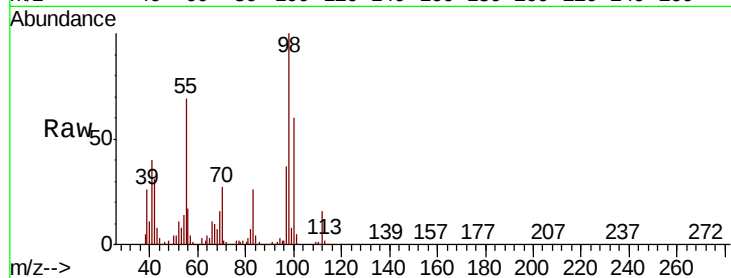
#50
Toluene-d8
Concen: 31.212 ug/l
RT: 7.67 min Scan# 714
Delta R.T. -0.01 min
Lab File: VF060484.D
Acq: 8 Oct 2018 15:05

Instrument :
MSVOA_F
ClientSampleId :
B-11(12-12.5)RE

Tgt Ion: 98 Resp: 297196
Ion Ratio Lower Upper
98 100
100 59.5 56.5 84.7

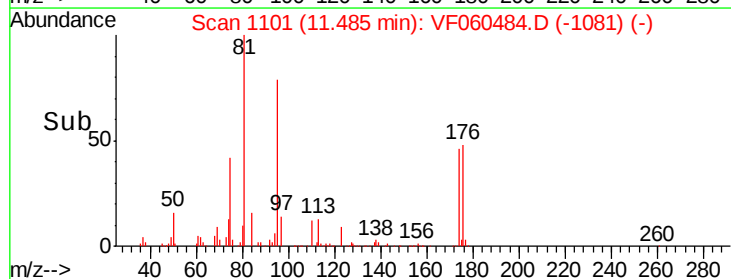
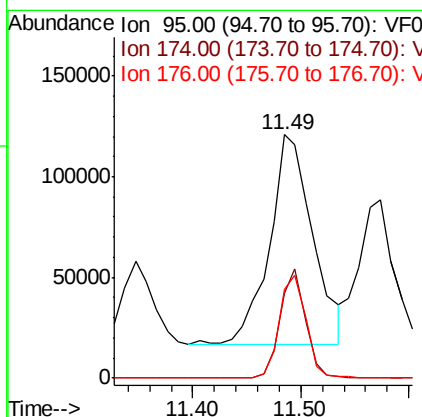
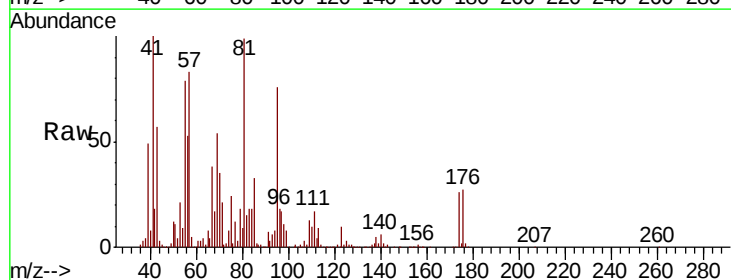
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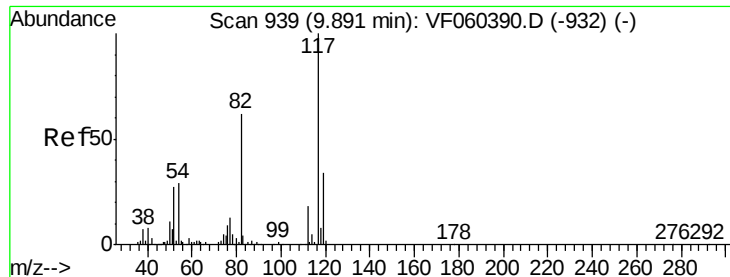
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#62
4-Bromofluorobenzene
Concen: 67.484 ug/l
RT: 11.49 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VF060484.D
Acq: 8 Oct 2018 15:05

Tgt Ion: 95 Resp: 293396
Ion Ratio Lower Upper
95 100
174 34.6 0.0 129.0
176 36.3 0.0 125.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.89 min Scan# 939

Delta R.T. -0.00 min

Lab File: VF060484.D

Acq: 8 Oct 2018 15:05

Instrument :

MSVOA_F

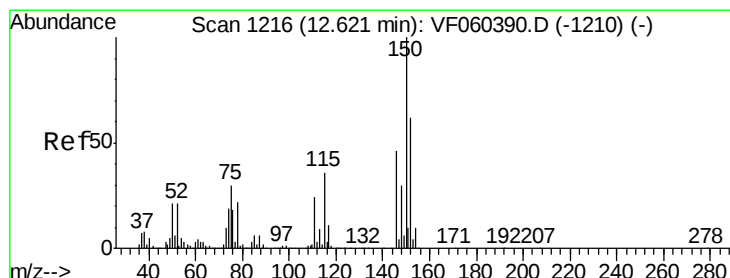
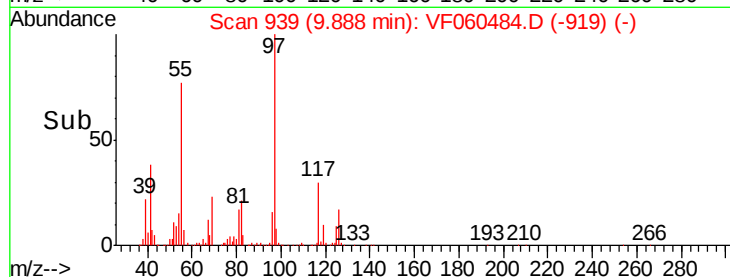
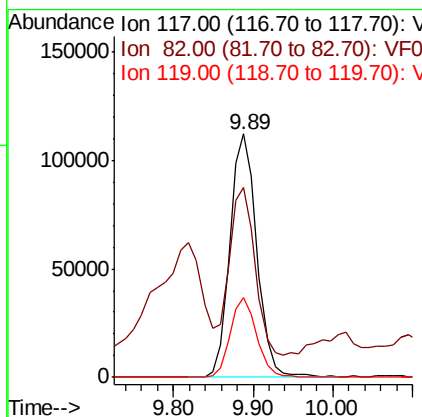
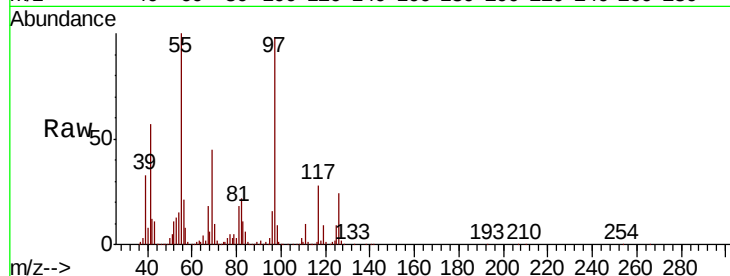
ClientSampleId :

B-11(12-12.5)RE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	264303		
82	78.0	49.5	74.3#	
119	33.0	27.0	40.6	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

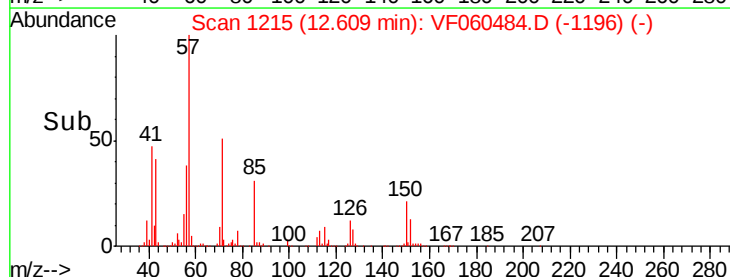
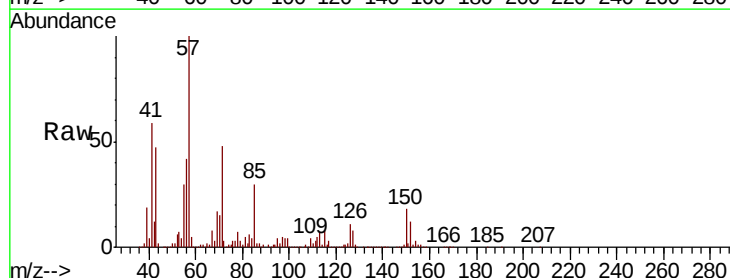
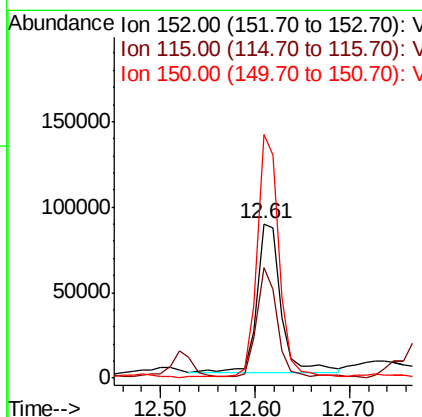
RT: 12.61 min Scan# 1215

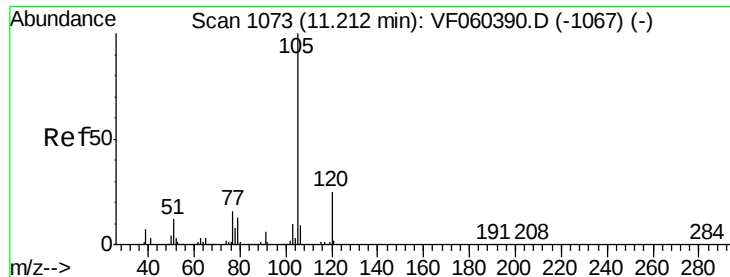
Delta R.T. -0.01 min

Lab File: VF060484.D

Acq: 8 Oct 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156764		
115	71.5	28.6	85.8	
150	157.9	0.0	324.6	





#73

Isopropylbenzene

Concen: 21.654 ug/l

RT: 11.21 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VF060484.D

Acq: 8 Oct 2018 15:05

Instrument :

MSVOA_F

ClientSampleId :

B-11(12-12.5)RE

Tgt Ion: 105 Resp: 267282

Ion Ratio Lower Upper

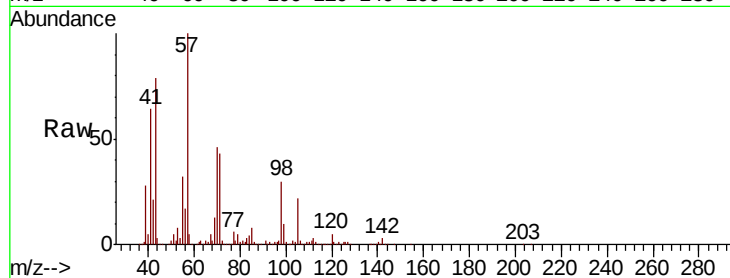
105 100

120 21.2 12.3 36.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

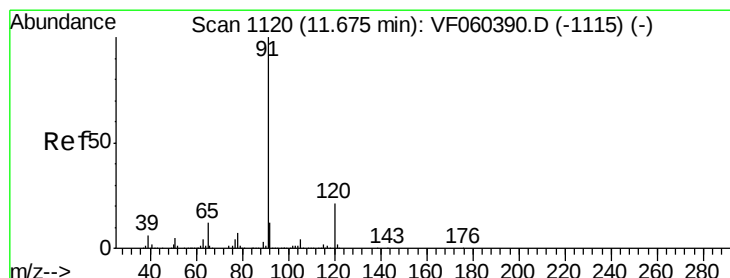
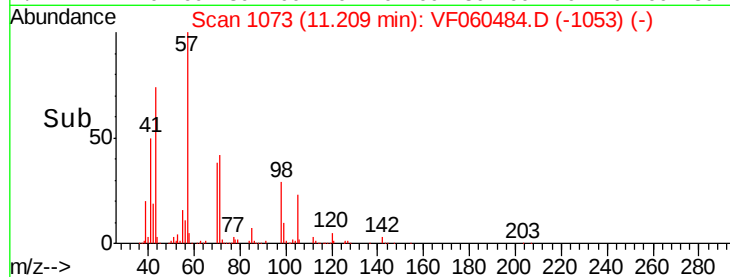
100000

50000

0

11.10 11.20 11.30

Time-->



#78

n-propylbenzene

Concen: 96.371 ug/l

RT: 11.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VF060484.D

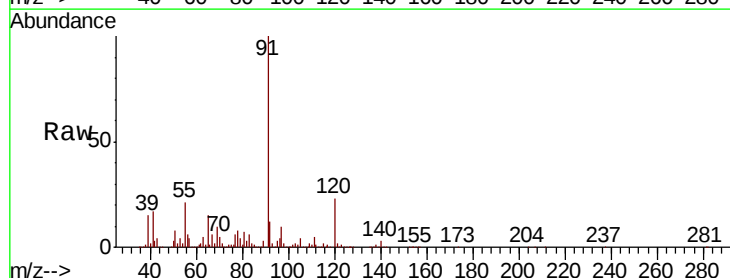
Acq: 8 Oct 2018 15:05

Tgt Ion: 91 Resp: 1442057

Ion Ratio Lower Upper

91 100

120 23.0 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

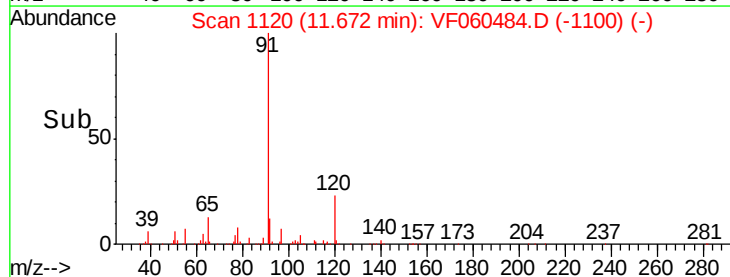
400000

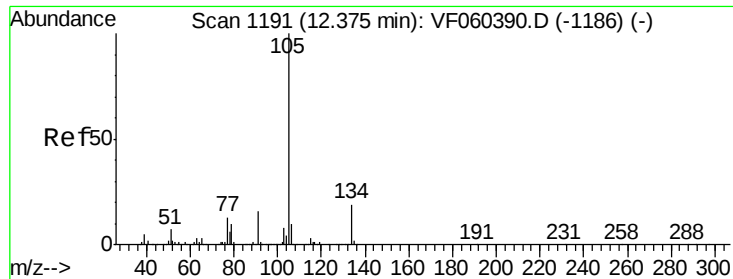
200000

0

11.60 11.70 11.80

Time-->





#85

sec-Butylbenzene

Concen: 73.414 ug/l

RT: 12.37 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VF060484.D

Acq: 8 Oct 2018 15:05

Instrument :

MSVOA_F

ClientSampleId :

B-11(12-12.5)RE

Tgt Ion: 105 Resp: 1048154

Ion Ratio Lower Upper

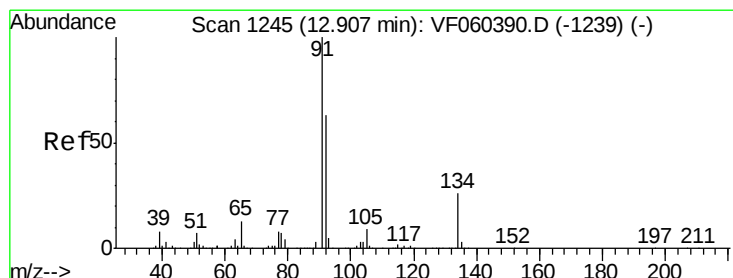
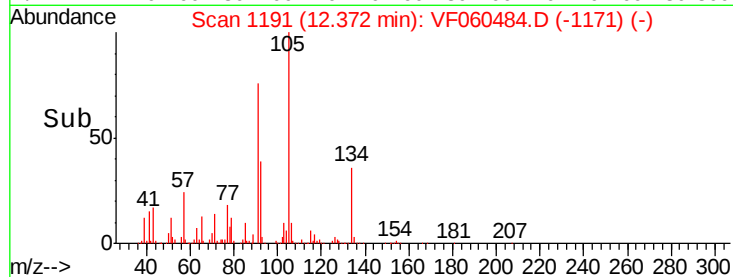
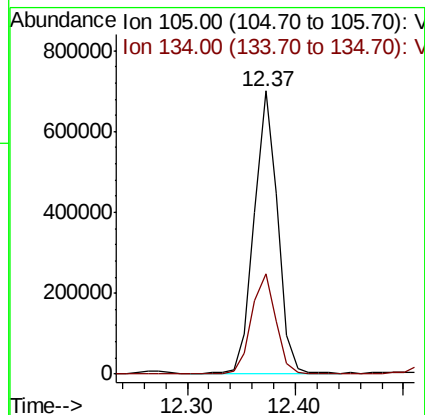
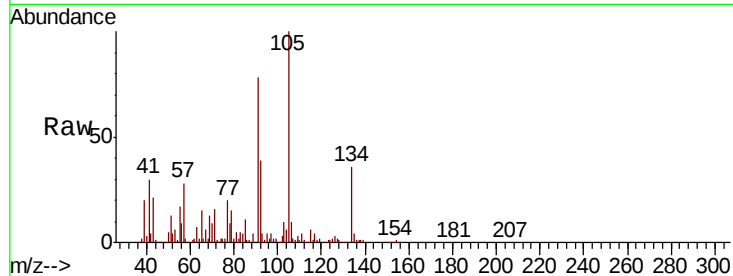
105 100

134 35.5 9.4 28.3#

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#89

n-Butylbenzene

Concen: 122.255 ug/l m

RT: 12.90 min Scan# 1245

Delta R.T. -0.00 min

Lab File: VF060484.D

Acq: 8 Oct 2018 15:05

Tgt Ion: 91 Resp: 1508964

Ion Ratio Lower Upper

91 100

92 64.4 31.3 93.9

134 27.2 13.0 38.9

