

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007470.D
 Acq On : 13 Dec 2018 05:41
 Operator : SY/AP
 Sample : J6329-02
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1

Manual Integrations
 APPROVED

apatel
 12/13/2018 4:40:49 PM

Quant Time: Dec 13 09:30:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	90650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36696	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
35) Dibromofluoromethane	7.88	113	33541	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
50) Toluene-d8	10.32	98	230279	78.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	157.42%	
62) 4-Bromofluorobenzene	12.62	95	152728m	141.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	283.96%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	7749	54.178	ug/l	100
17) Carbon Disulfide	4.38	76	2681	1.221	ug/l	96
73) Isopropylbenzene	12.47	105	239960	62.790	ug/l	100
78) n-propylbenzene	12.81	91	193700	45.037	ug/l	96
85) sec-Butylbenzene	13.39	105	229089	59.311	ug/l #	63
89) n-Butylbenzene	13.83	91	134837	41.916	ug/l #	67

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

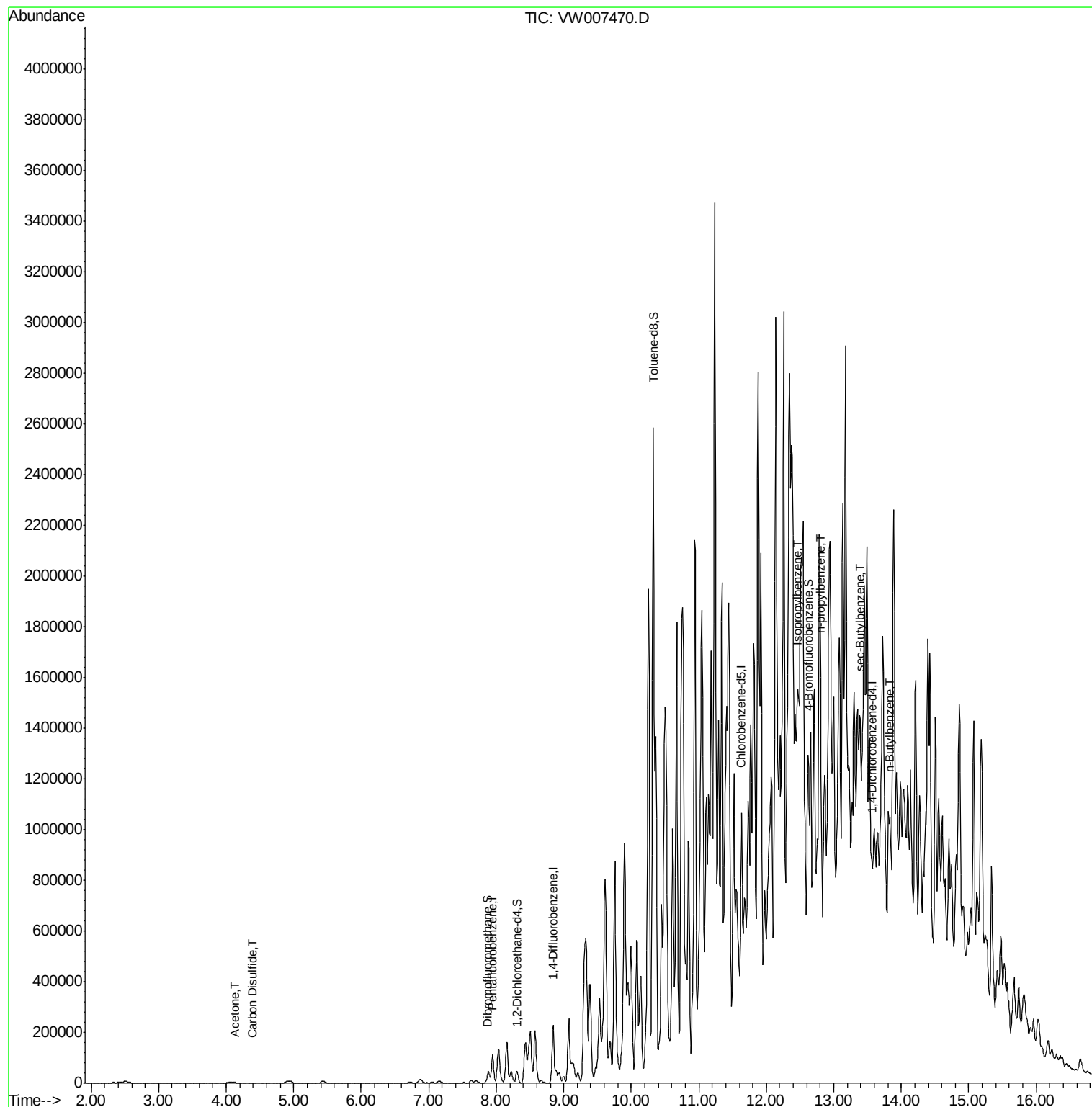
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
Data File : VW007470.D
Acq On : 13 Dec 2018 05:41
Operator : SY/AP
Sample : J6329-02
Misc : 5.16G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

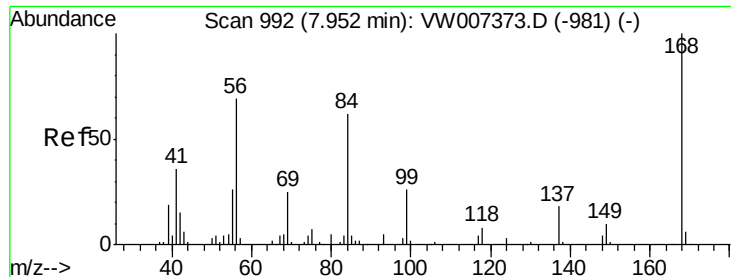
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

Manual Integrations
APPROVED

apatel
12/13/2018 4:40:49 PM

Quant Time: Dec 13 09:30:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

072-DUP-1

Tot Ion:168 Resp: 73809

Ion Ratio Lower Upper

168 100

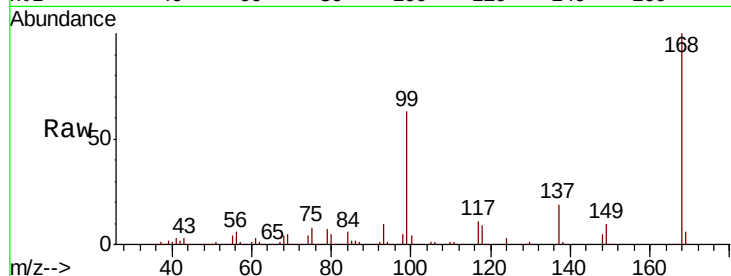
99 63.0 48.3 72.5

Manual Integrations

APPROVED

apatel

12/13/2018 4:40:49 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

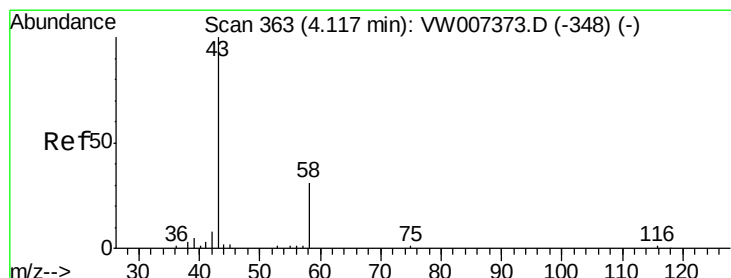
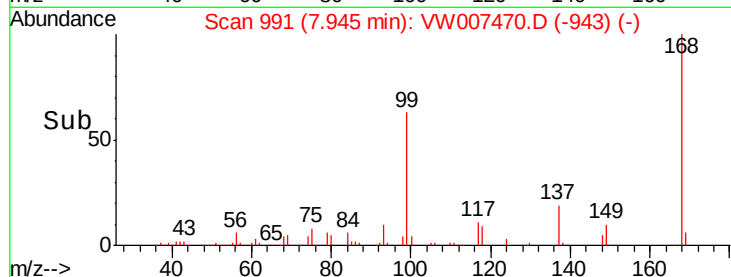
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 54.178 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007470.D

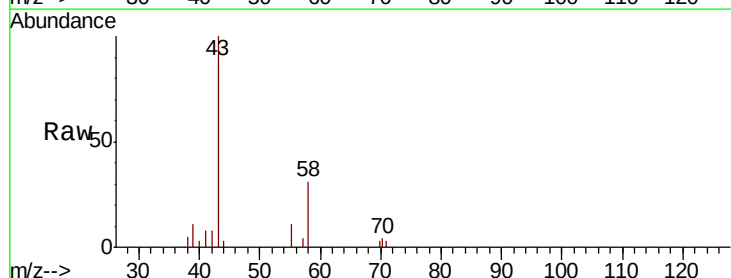
Acq: 13 Dec 2018 05:41

Tgt Ion: 43 Resp: 7749

Ion Ratio Lower Upper

43 100

58 31.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

2500

2000

1500

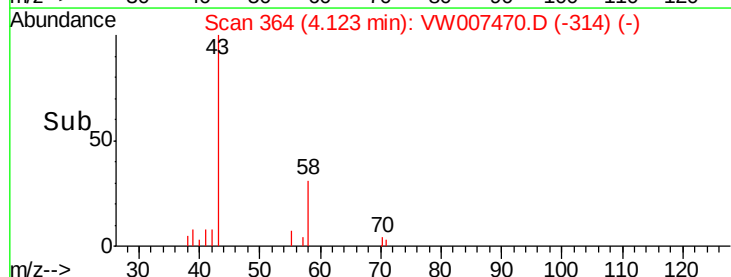
1000

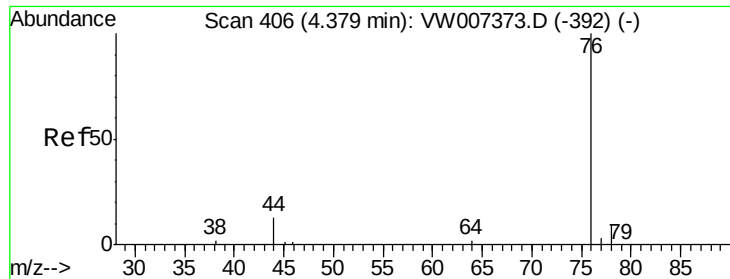
500

0

4.00 4.10 4.20

Time-->





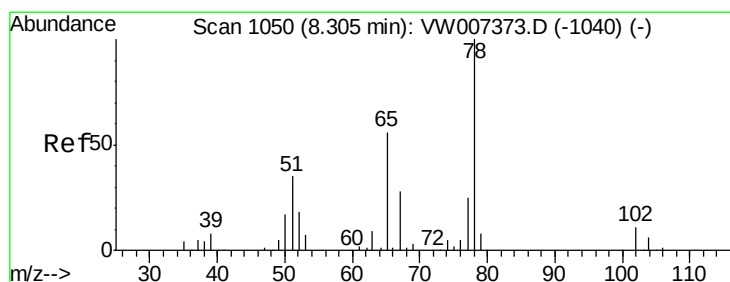
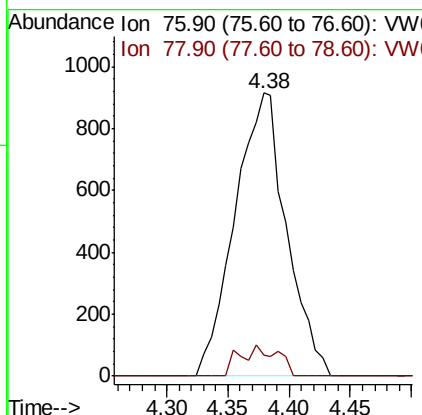
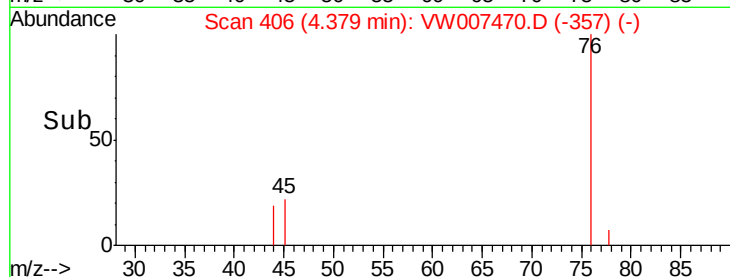
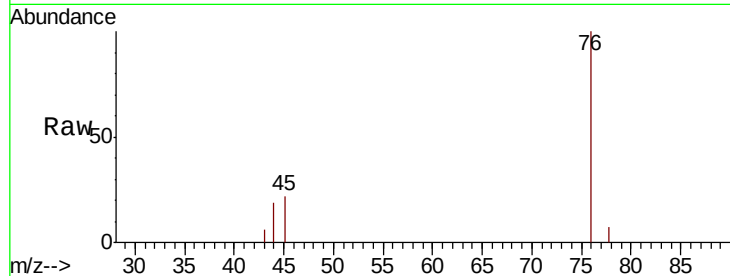
#17
 Carbon Disulfide
 Concen: 1.221 ug/l
 RT: 4.38 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

Instrument :
 MSVOA_W
 ClientSampled :
 072-DUP-1

Tot Ion: 76 Resp: 2681
 Ion Ratio Lower Upper
 76 100
 78 7.3 7.1 10.7

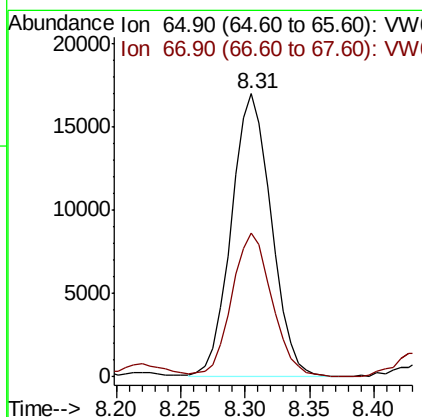
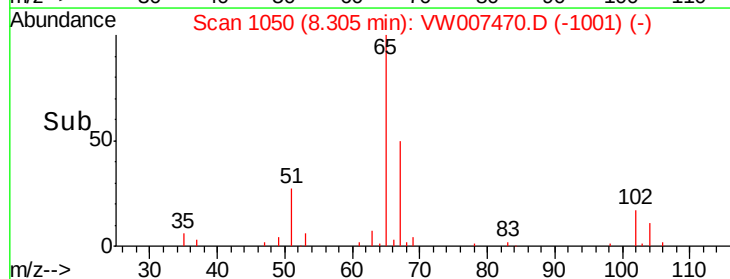
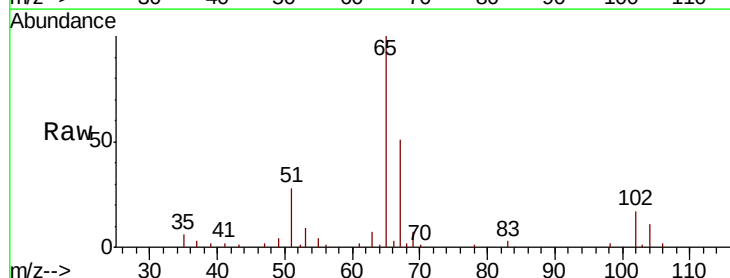
Manual Integrations
 APPROVED

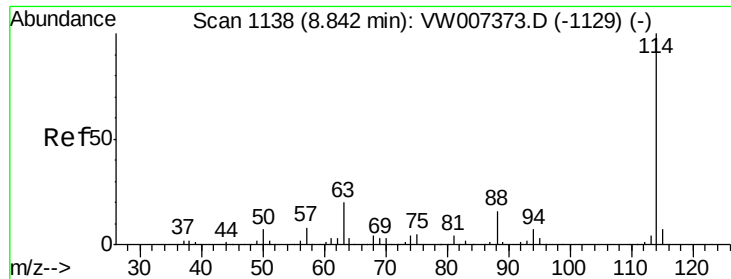
apatel
 12/13/2018 4:40:49 PM



#33
 1,2-Dichloroethane-d4
 Concen: 44.814 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

Tgt Ion: 65 Resp: 36696
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6





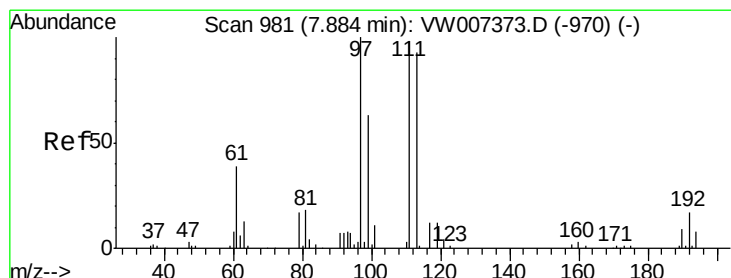
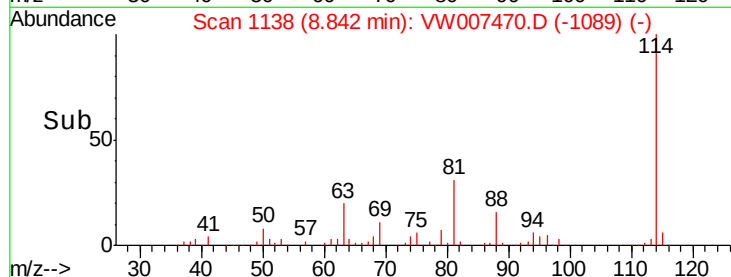
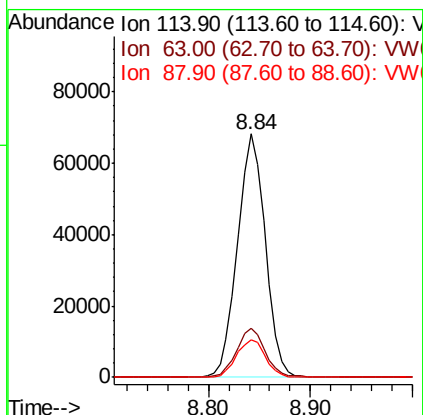
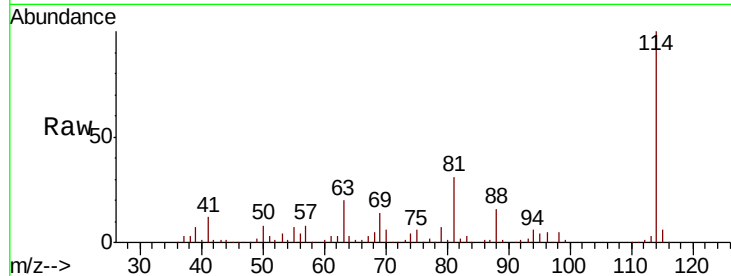
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1

Tot Ion	Ratio	Resp	Lower	Upper
114	100	128907		
63	19.9	0.0	39.6	
88	15.6	0.0	31.4	

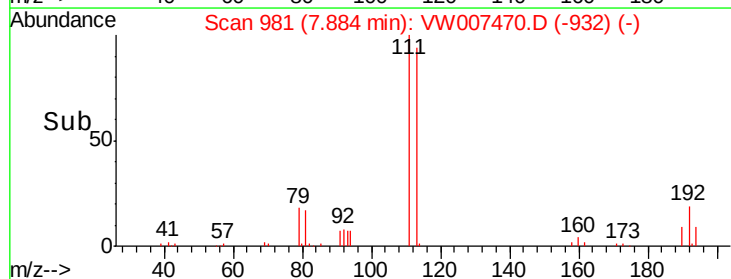
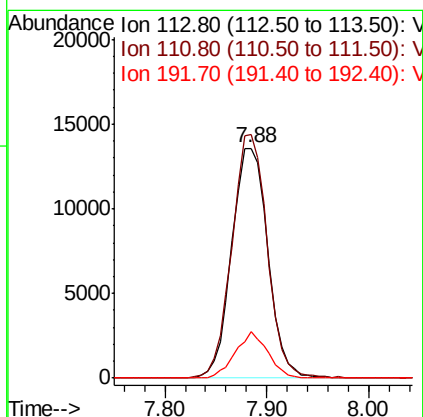
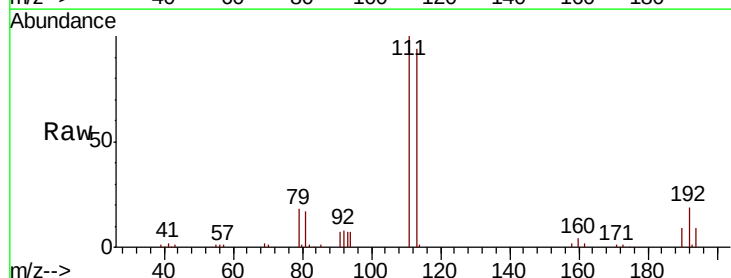
Manual Integrations
 APPROVED

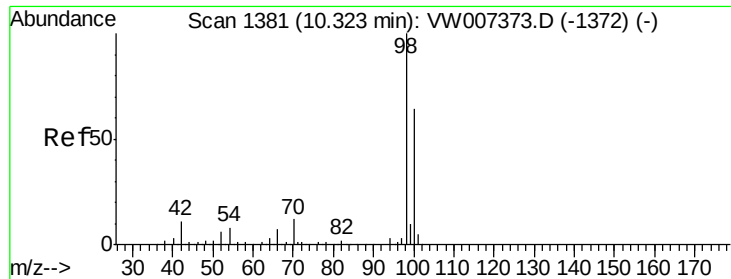
apatel
 12/13/2018 4:40:49 PM



#35
 Dibromofluoromethane
 Concen: 42.983 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	33541		
111	102.9	81.1	121.7	
192	18.1	14.6	21.8	





#50

Toluene-d8

Concen: 78.707 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

072-DUP-1

Tot Ion: 98 Resp: 230279

Ion Ratio Lower Upper

98 100

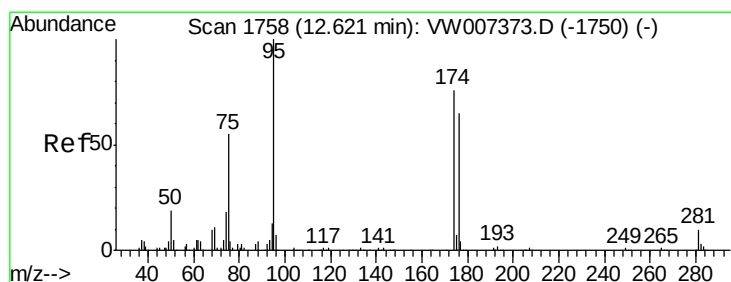
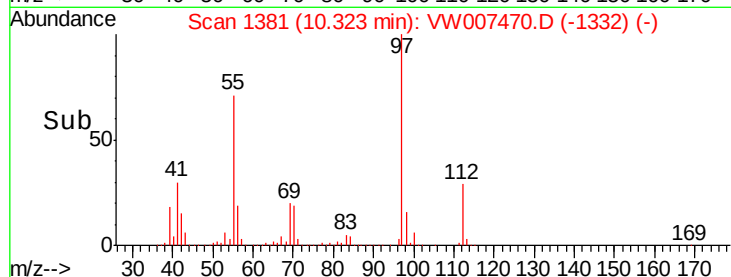
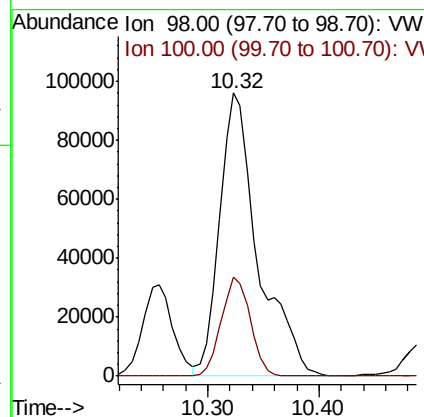
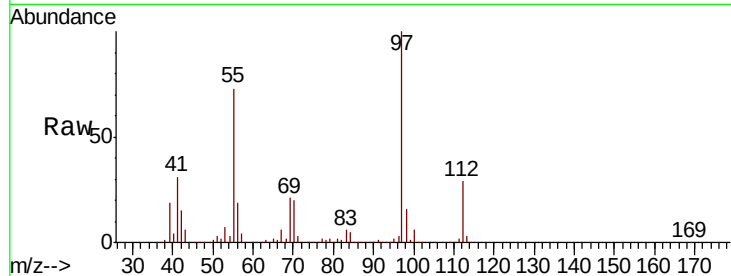
100 26.3 51.8 77.8#

Manual Integrations

APPROVED

apatel

12/13/2018 4:40:49 PM



#62

4-Bromofluorobenzene

Concen: 141.975 ug/l m

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

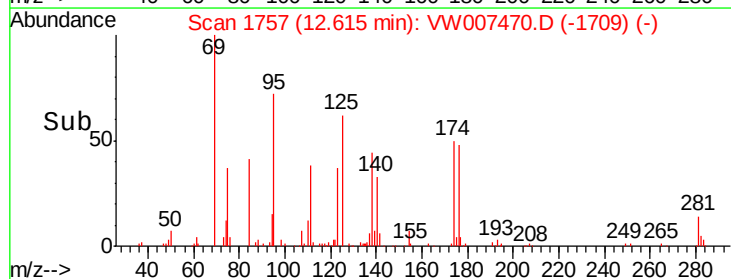
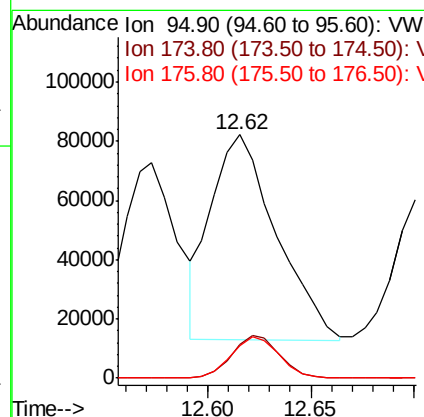
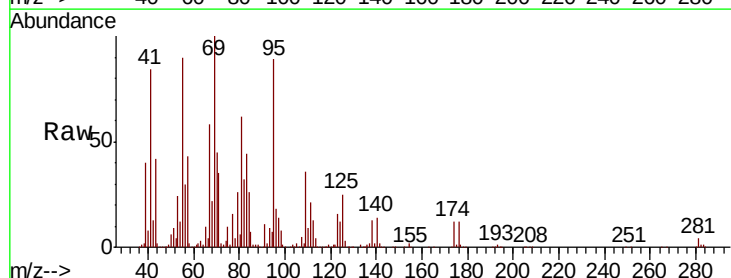
Tgt Ion: 95 Resp: 152728

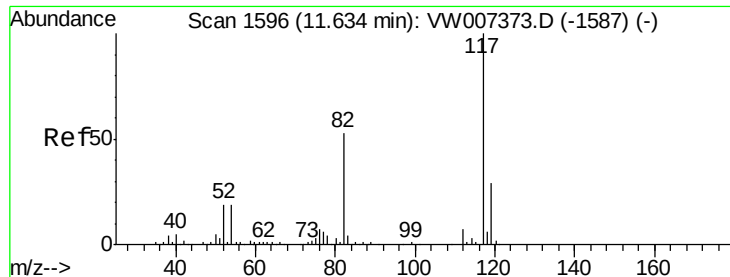
Ion Ratio Lower Upper

95 100

174 0.0 0.0 147.2

176 0.0 0.0 138.8





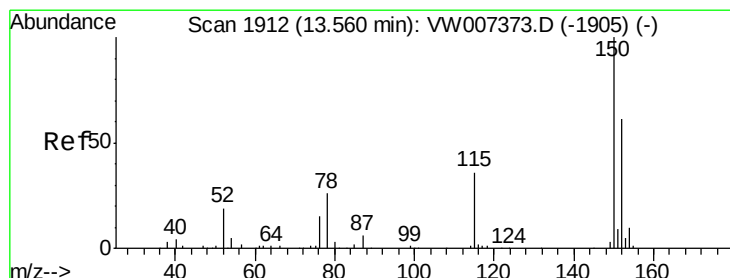
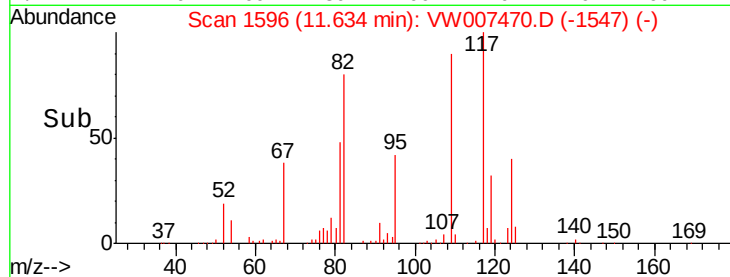
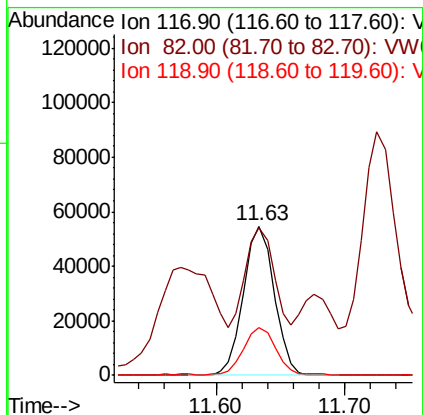
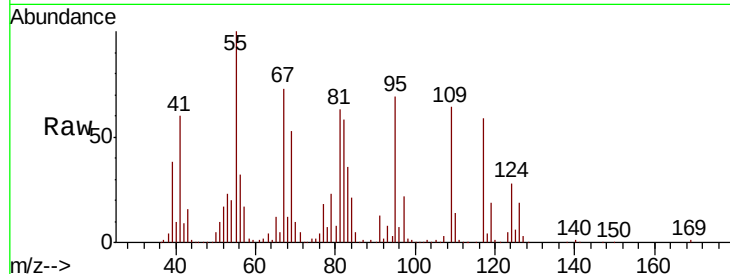
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	90650		
82	67.3	42.3	63.5#	
119	31.9	23.0	34.6	

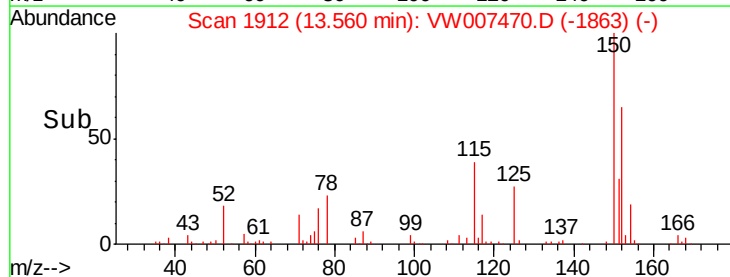
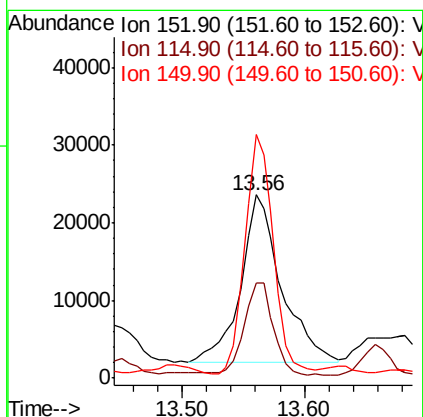
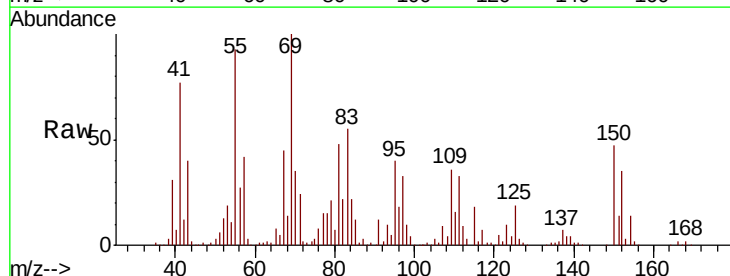
Manual Integrations
APPROVED

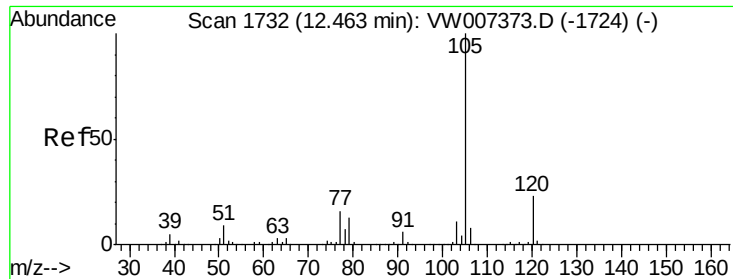
apatel
12/13/2018 4:40:49 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	49875		
115	39.6	31.4	94.2	
150	99.4	0.0	358.4	





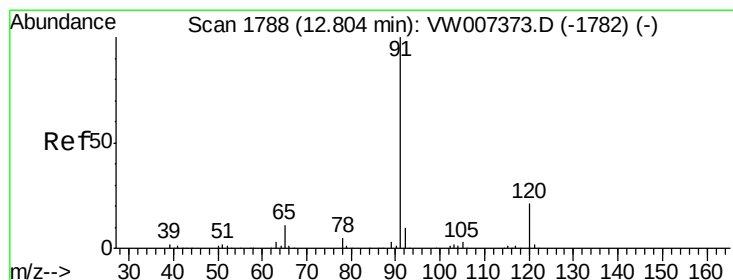
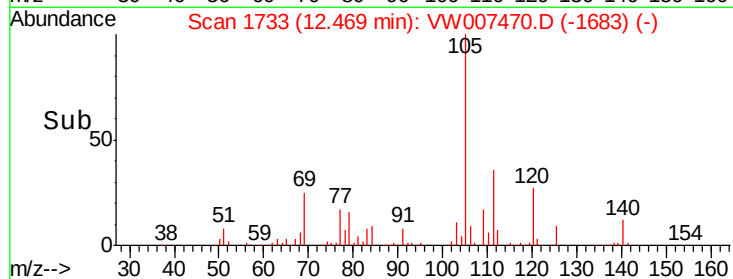
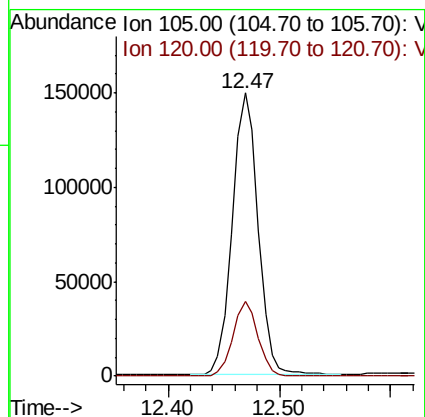
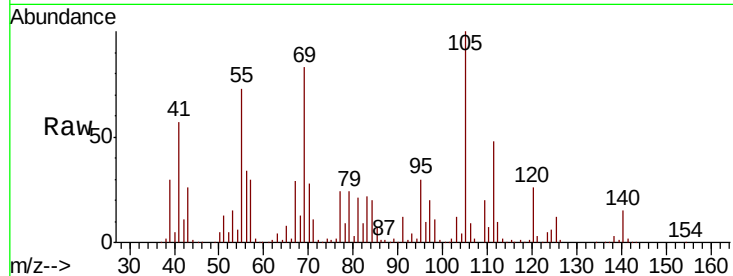
#73
Isopropylbenzene
Concen: 62.790 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

Tot Ion:105 Resp: 239960
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

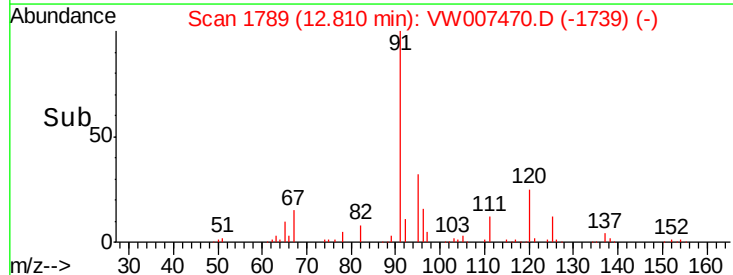
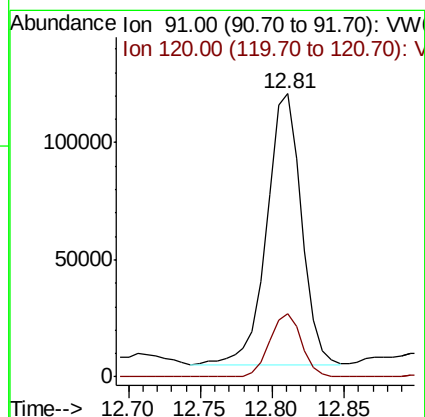
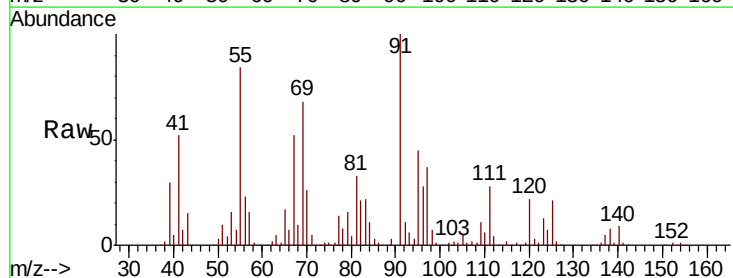
Manual Integrations
APPROVED

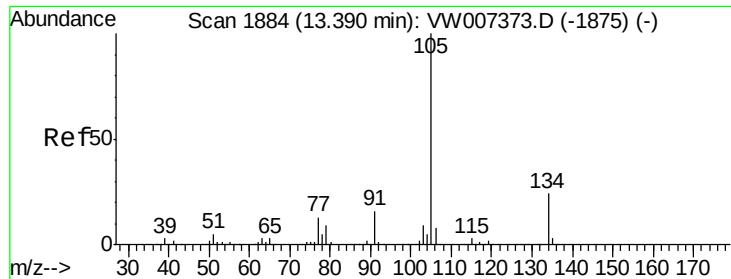
apatel
12/13/2018 4:40:49 PM



#78
n-propylbenzene
Concen: 45.037 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Tgt Ion: 91 Resp: 193700
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5





#85

sec-Butylbenzene

Concen: 59.311 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampled :

072-DUP-1

Tot Ion: 105 Resp: 229089

Ion Ratio Lower Upper

105 100

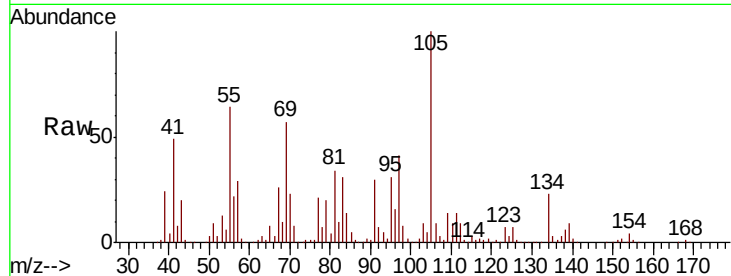
134 40.1 11.1 33.3#

Manual Integrations

APPROVED

apatel

12/13/2018 4:40:49 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

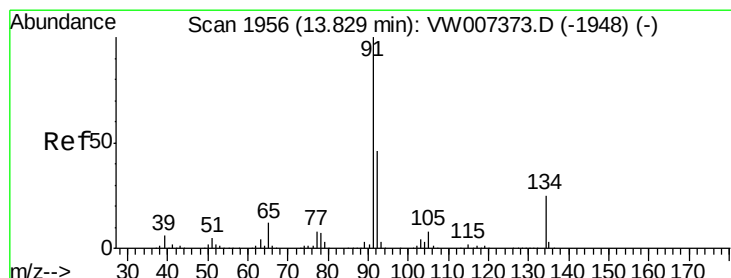
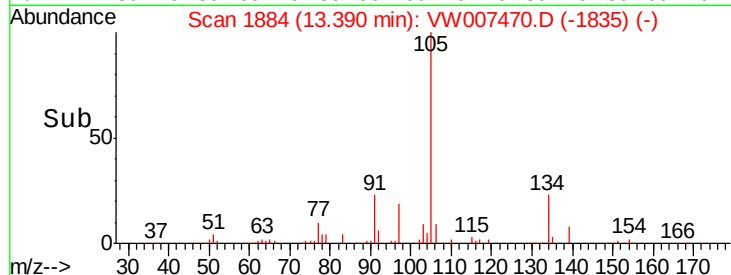
150000

100000

50000

0

Time-->



#89

n-Butylbenzene

Concen: 41.916 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

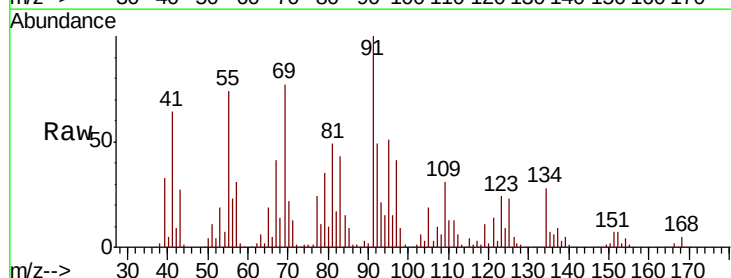
Tgt Ion: 91 Resp: 134837

Ion Ratio Lower Upper

91 100

92 42.5 25.7 77.1

134 64.5 13.4 40.2#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

13.83

100000

80000

60000

40000

20000

0

Time-->

