

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015439.D
 Acq On : 15 May 2020 17:31
 Operator : SY/VA
 Sample : L2679-06
 Misc : 7.57G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-14.0-14.5

Quant Time: May 18 01:39:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

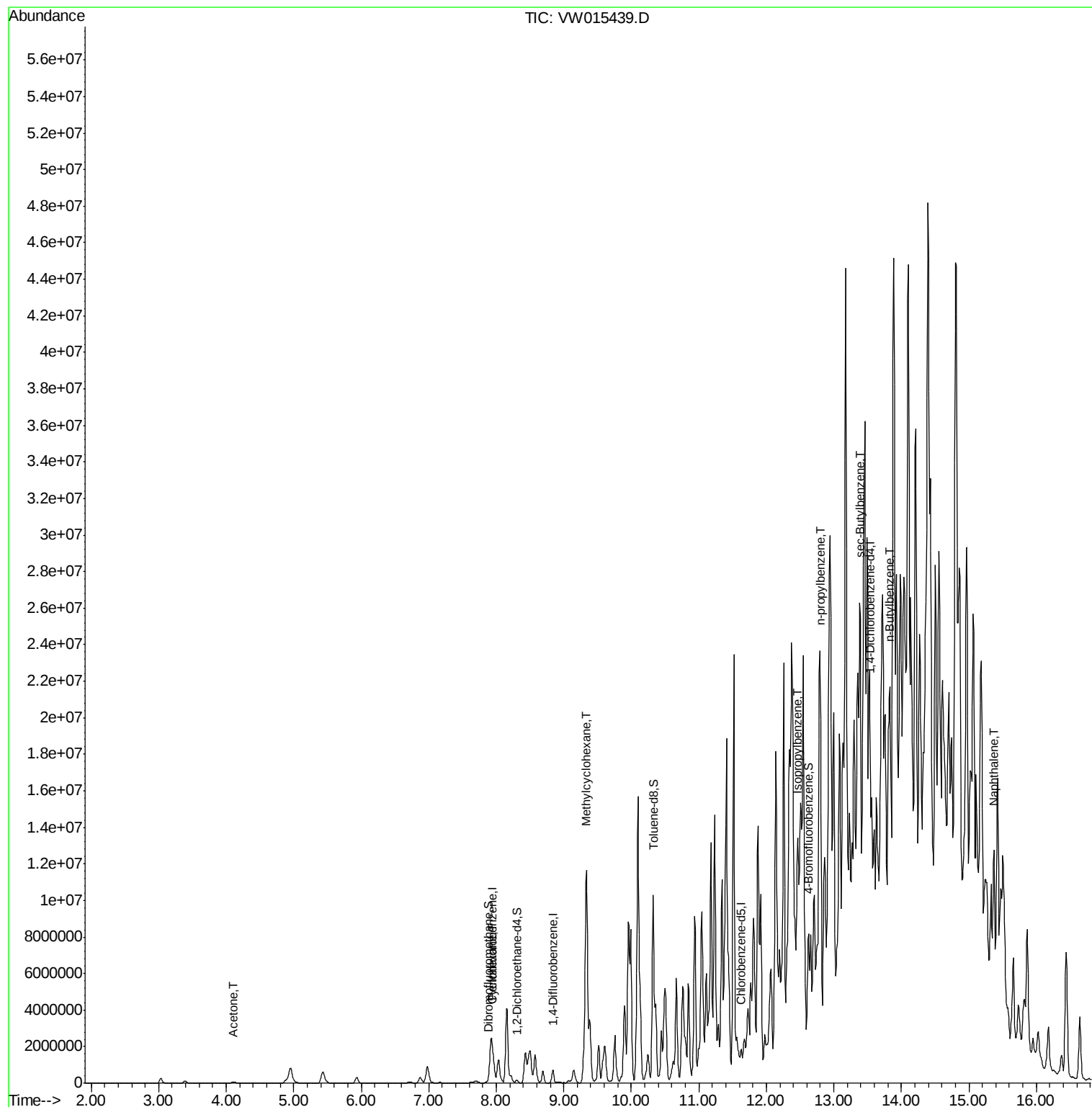
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	391045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.54	152	293368m	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	125405	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	7.88	113	117108	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.32	98	936832	100.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.72%	
62) 4-Bromofluorobenzene	12.62	95	587674	171.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	342.70%	
Target Compounds						
16) Acetone	4.11	43	64761	164.126	ug/l #	70
31) Cyclohexane	7.95	56	1049197	225.419	ug/l	95
39) Methylcyclohexane	9.34	83	4807291	988.488	ug/l	96
73) Isopropylbenzene	12.46	105	3581062	163.504	ug/l	99
78) n-propylbenzene	12.80	91	7106245	270.434	ug/l	97
85) sec-Butylbenzene	13.39	105	7952622	358.555	ug/l	83
89) n-Butylbenzene	13.83	91	5720669	288.874	ug/l #	83
95) Naphthalene	15.37	128	7197075	746.785	ug/l	98

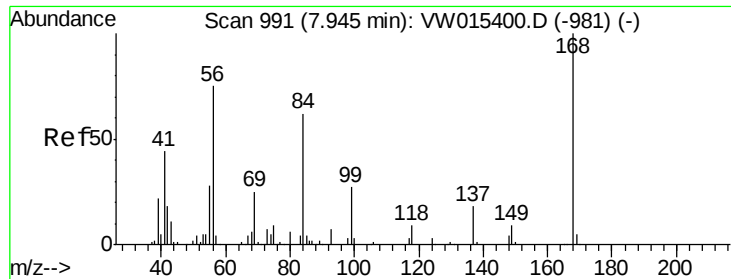
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 05 18:41:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW015439.D

Acq: 15 May 2020 17:31

Instrument :

MSVOA_W

ClientSampleId :

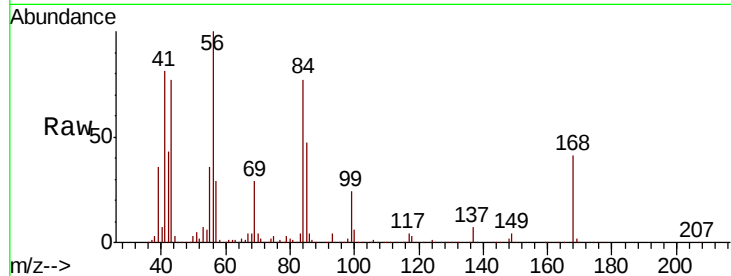
SB-5-14.0-14.5

Tot Ion:168 Resp: 231062

Ion Ratio Lower Upper

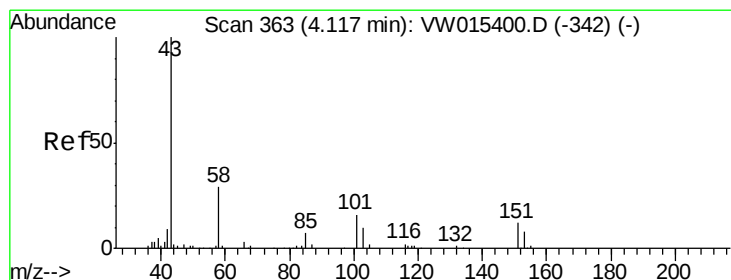
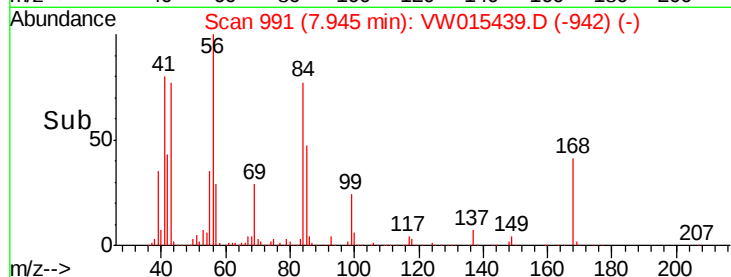
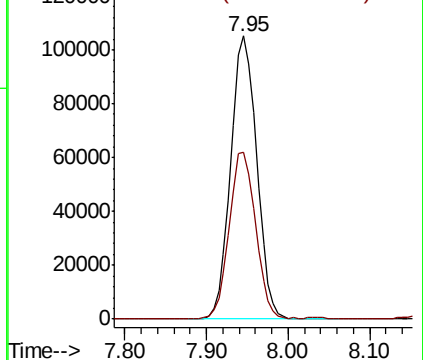
168 100

99 59.0 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 164.126 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW015439.D

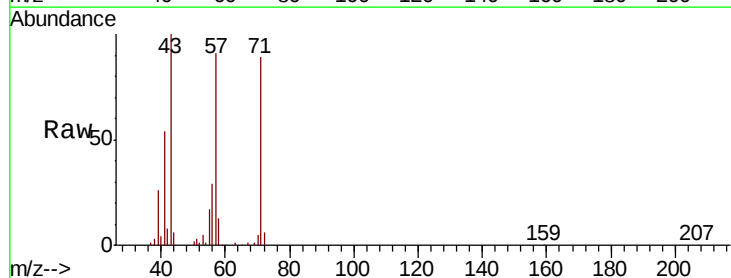
Acq: 15 May 2020 17:31

Tgt Ion: 43 Resp: 64761

Ion Ratio Lower Upper

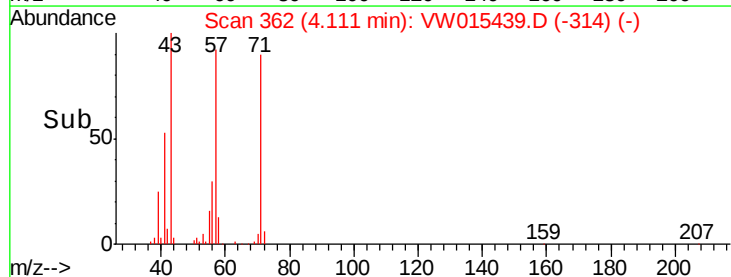
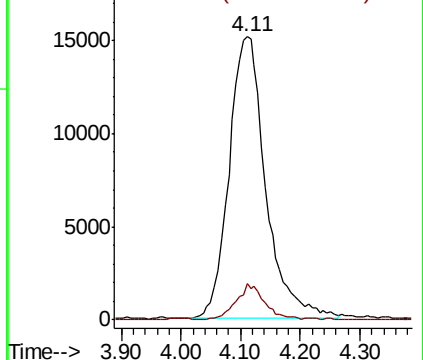
43 100

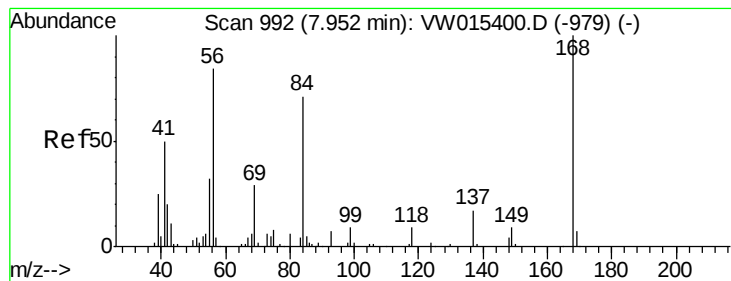
58 12.9 23.4 35.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#31

Cyclohexane

Concen: 225.419 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015439.D

Acq: 15 May 2020 17:31

Instrument :

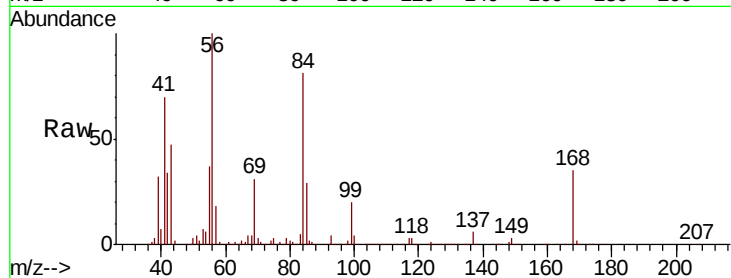
MSVOA_W

ClientSampleId :

SB-5-14.0-14.5

Tot Ion: 56 Resp: 1049197

Ion	Ratio	Lower	Upper
56	100		
69	29.4	27.2	40.8
84	81.4	67.7	101.5

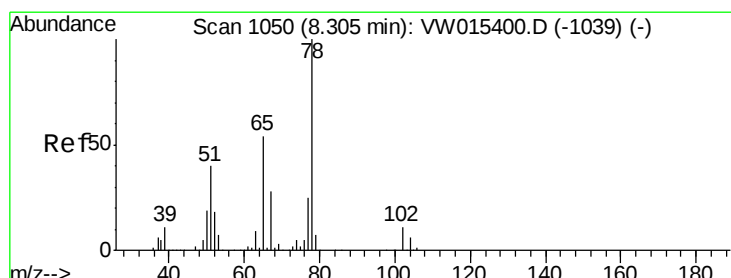
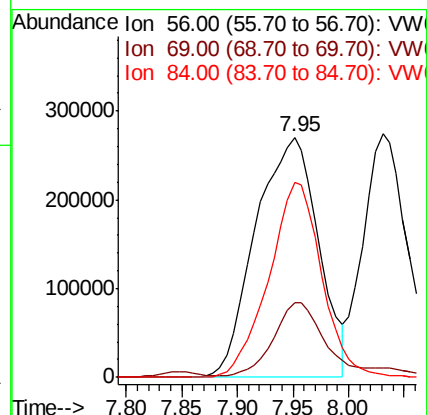
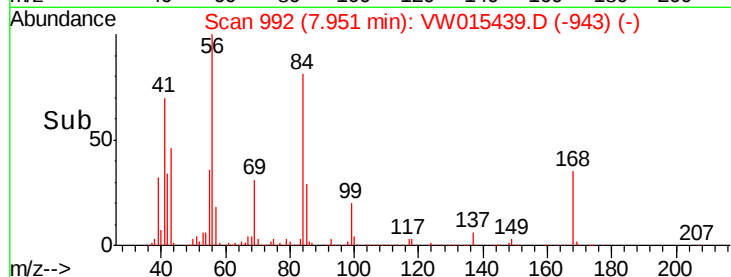


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 49.373 ug/l

RT: 8.30 min Scan# 1050

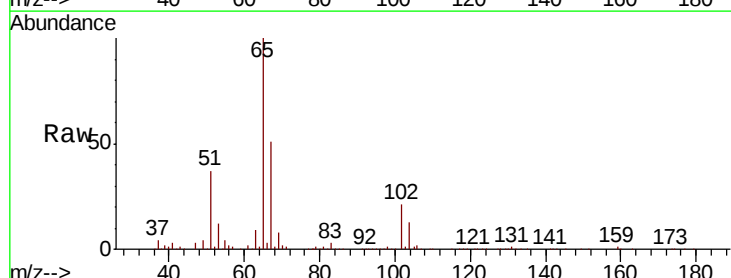
Delta R.T. -0.00 min

Lab File: VW015439.D

Acq: 15 May 2020 17:31

Tgt Ion: 65 Resp: 125405

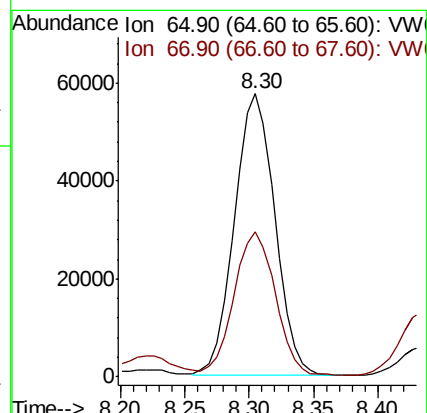
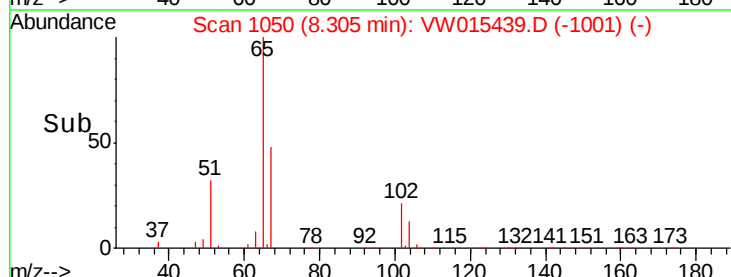
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.8

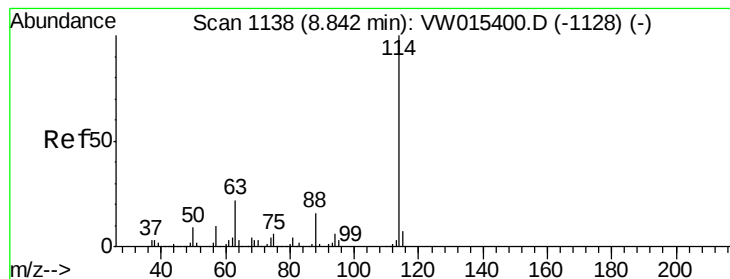


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015439.D

Acq: 15 May 2020 17:31

Instrument :

MSVOA_W

ClientSampleId :

SB-5-14.0-14.5

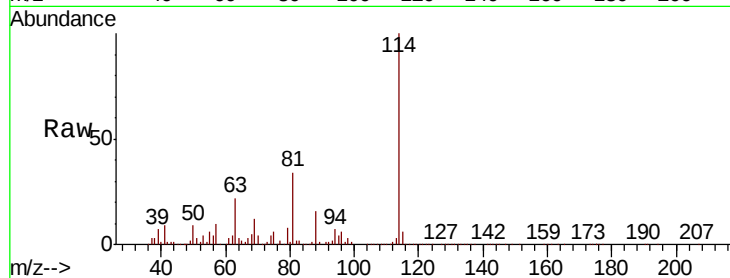
Tot Ion:114 Resp: 391045

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

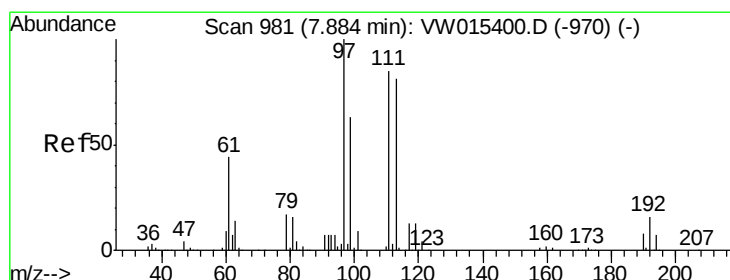
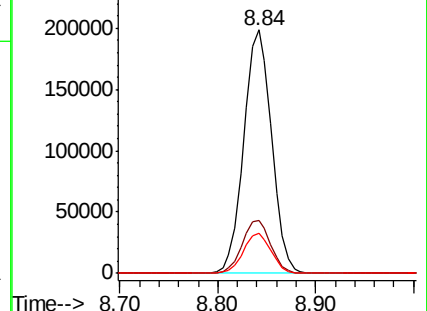
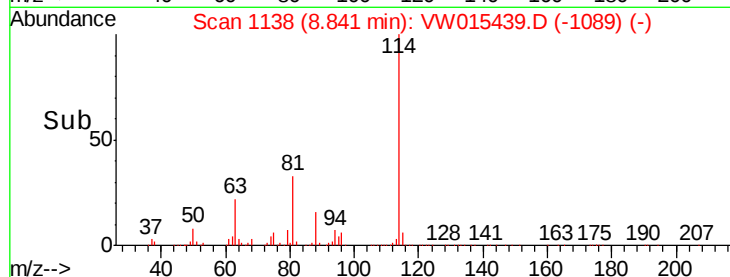
88 16.2 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.177 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW015439.D

Acq: 15 May 2020 17:31

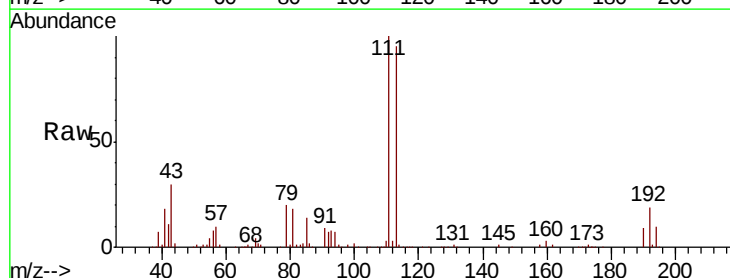
Tgt Ion:113 Resp: 117108

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

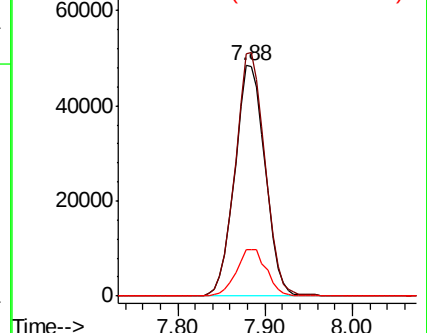
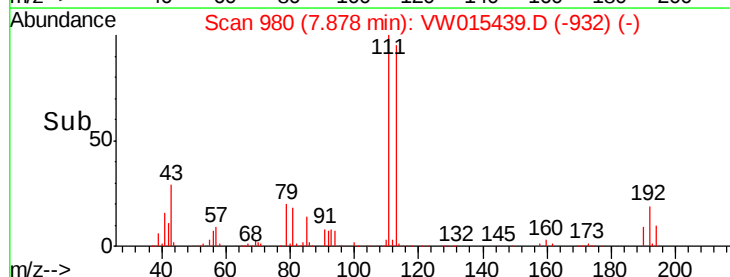
192 20.1 15.4 23.0

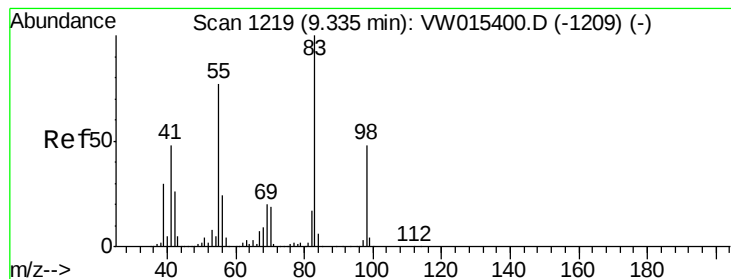


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 988.488 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW015439.D

Acq: 15 May 2020 17:31

Instrument :

MSVOA_W

ClientSampleId :

SB-5-14.0-14.5

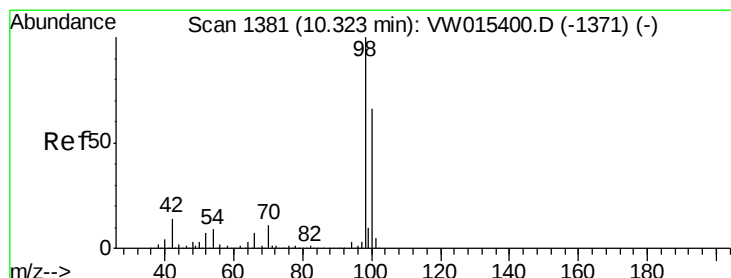
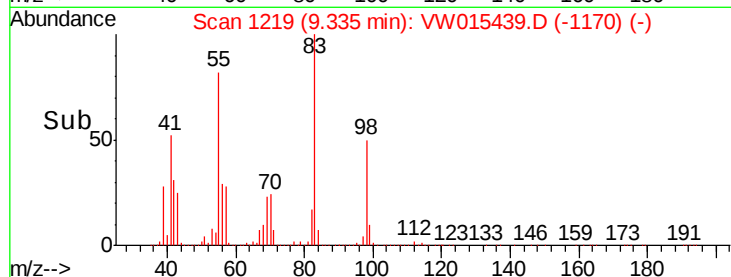
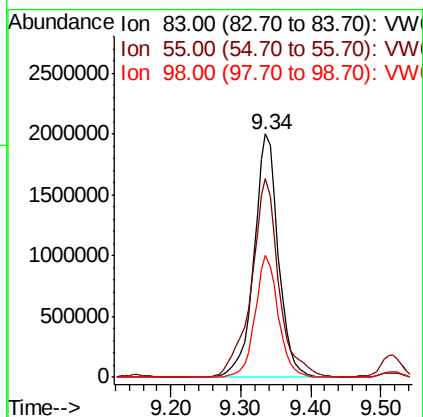
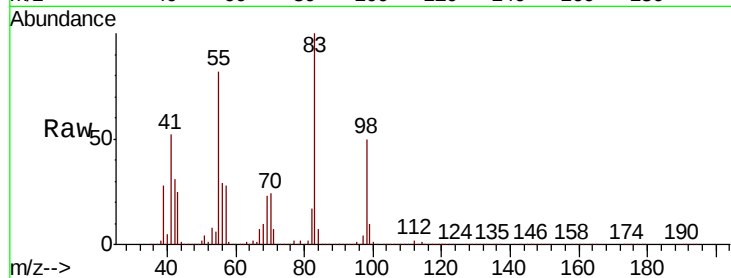
Tot Ion: 83 Resp: 4807291

Ion Ratio Lower Upper

83 100

55 81.7 61.9 92.9

98 50.1 38.2 57.2



#50

Toluene-d8

Concen: 100.861 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015439.D

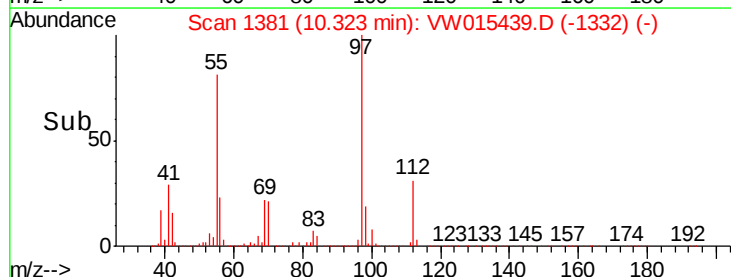
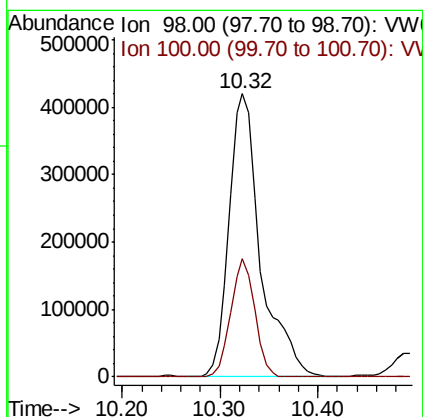
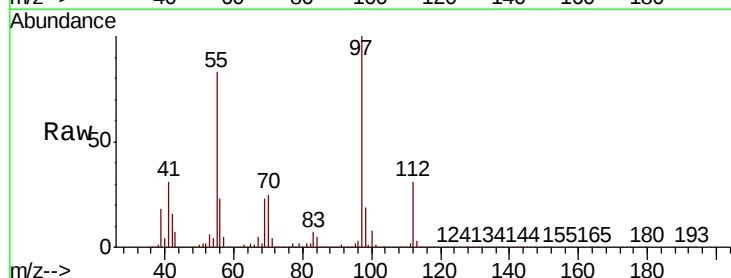
Acq: 15 May 2020 17:31

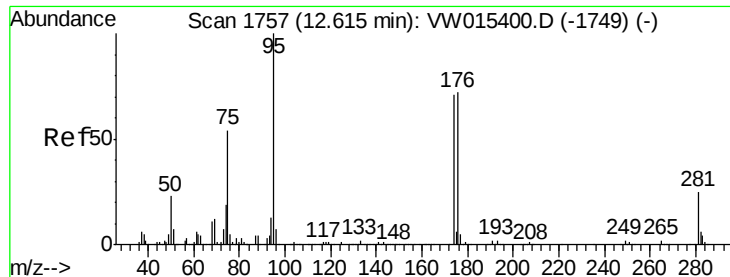
Tgt Ion: 98 Resp: 936832

Ion Ratio Lower Upper

98 100

100 31.8 52.7 79.1#





#62

4-Bromofluorobenzene

Concen: 171.345 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015439.D

Acq: 15 May 2020 17:31

Instrument :

MSVOA_W

ClientSampleId :

SB-5-14.0-14.5

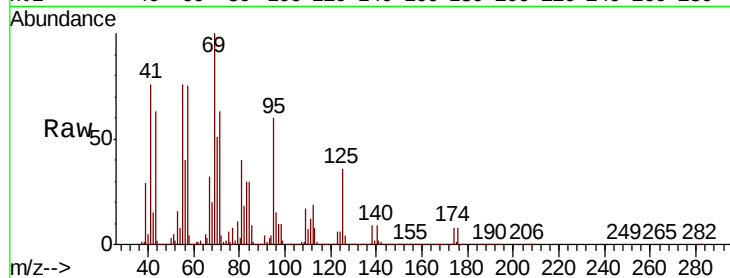
Tot Ion: 95 Resp: 587674

Ion Ratio Lower Upper

95 100

174 13.5 0.0 147.6

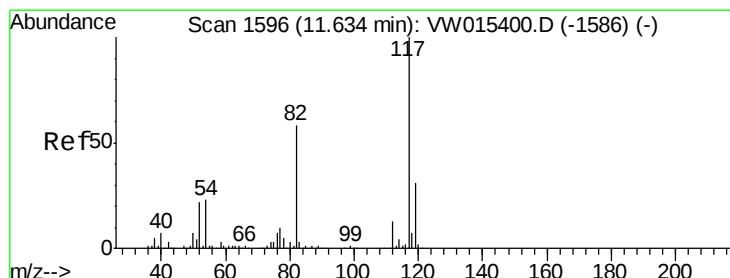
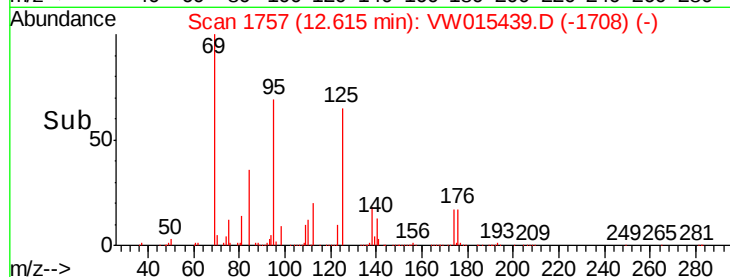
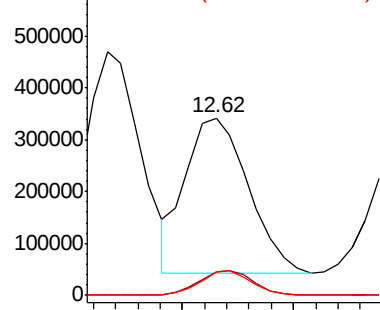
176 13.0 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015439.D

Acq: 15 May 2020 17:31

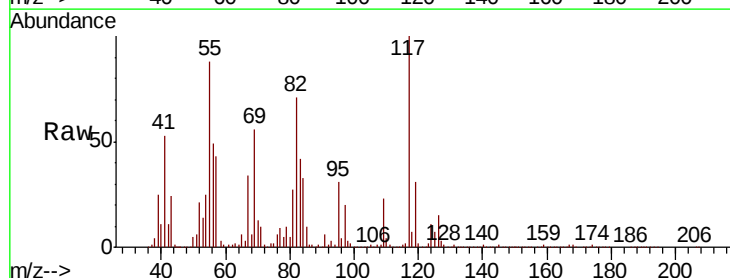
Tgt Ion: 117 Resp: 291027

Ion Ratio Lower Upper

117 100

82 0.0 46.4 69.6#

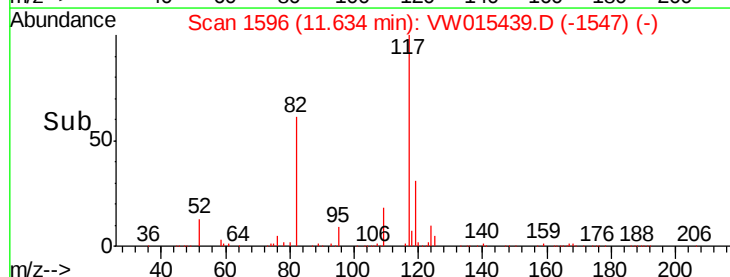
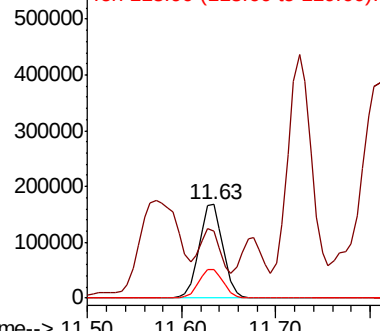
119 30.7 24.6 37.0

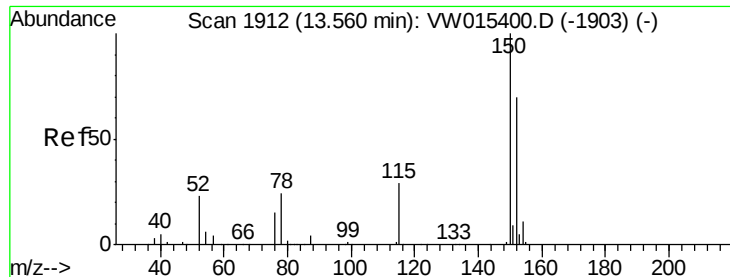


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



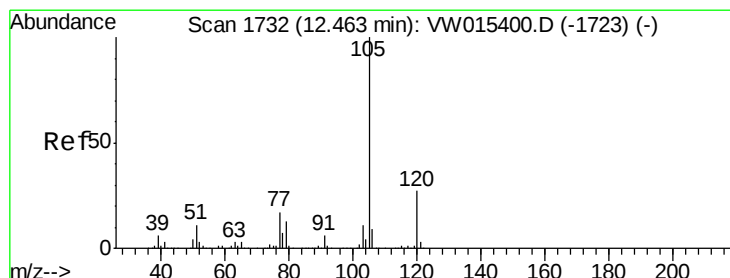
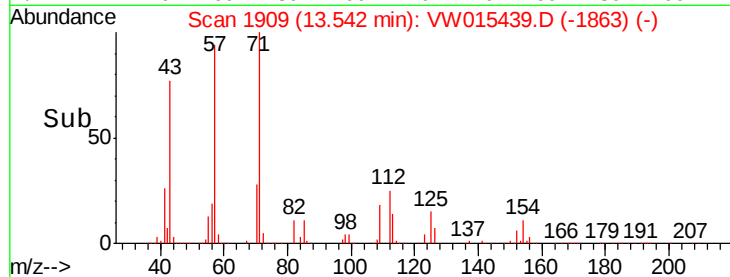
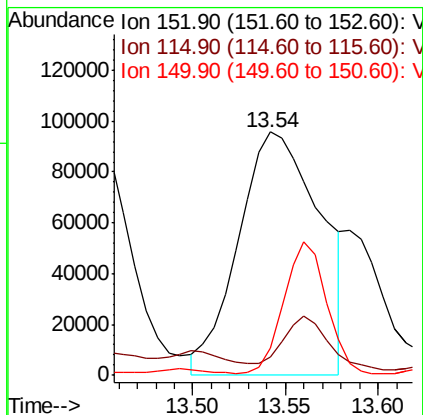
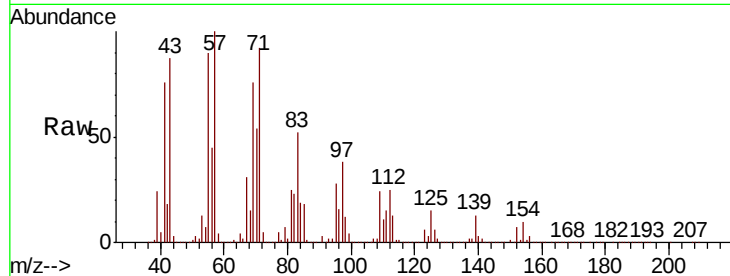


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.54 min Scan# 1909
Delta R.T. -0.02 min
Lab File: VW015439.D
Acq: 15 May 2020 17:31

Instrument :
MSVOA_W
ClientSampleId :
SB-5-14.0-14.5

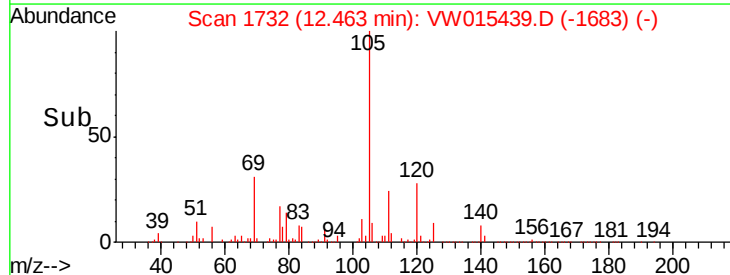
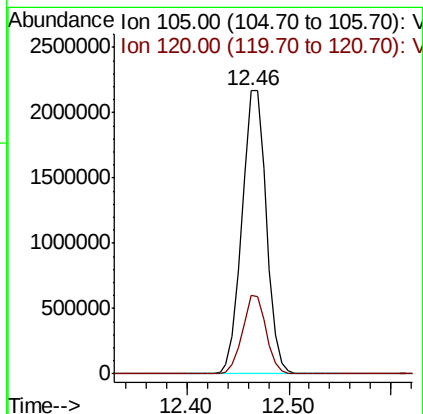
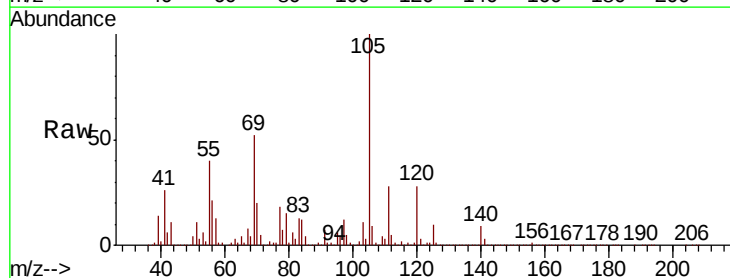
Tot Ion:152 Resp: 293368
Ion Ratio Lower Upper
152 100
115 0.0 30.3 90.8#
150 28.2 0.0 344.4

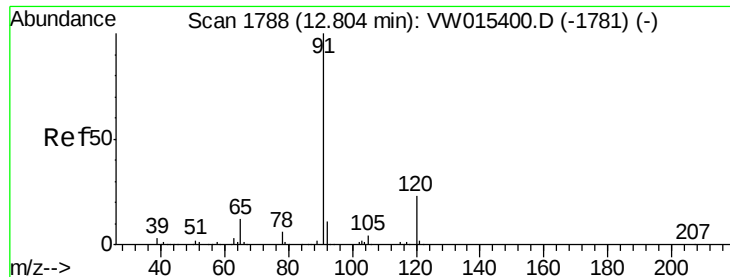


#73

Isopropylbenzene
Concen: 163.504 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW015439.D
Acq: 15 May 2020 17:31

Tgt Ion:105 Resp: 3581062
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3





#78

n-propylbenzene

Concen: 270.434 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015439.D

Acq: 15 May 2020 17:31

Instrument :

MSVOA_W

ClientSampleId :

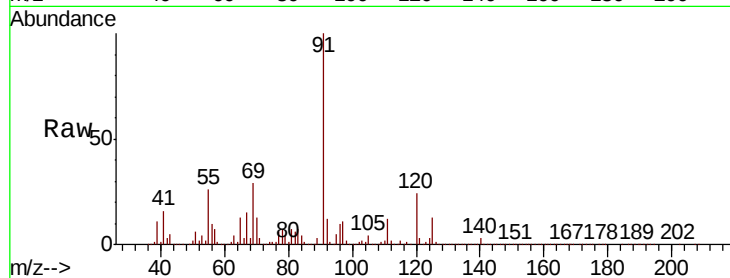
SB-5-14.0-14.5

Tot Ion: 91 Resp: 7106245

Ion Ratio Lower Upper

91 100

120 23.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

12.80

4000000

3000000

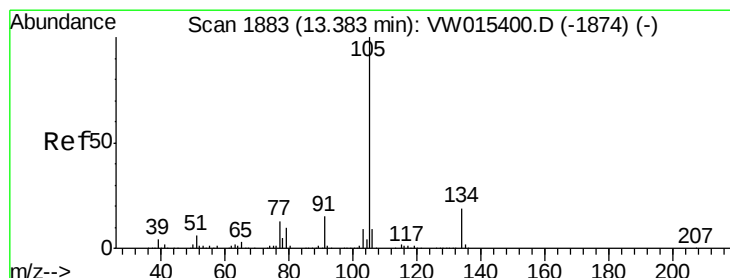
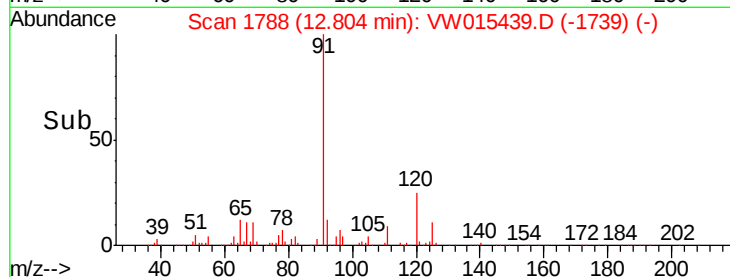
2000000

1000000

0

Time-->

12.75 12.80 12.85



#85

sec-Butylbenzene

Concen: 358.555 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VW015439.D

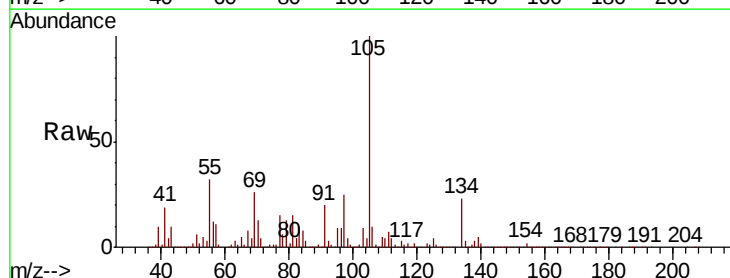
Acq: 15 May 2020 17:31

Tgt Ion:105 Resp: 7952622

Ion Ratio Lower Upper

105 100

134 27.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

5000000

4000000

3000000

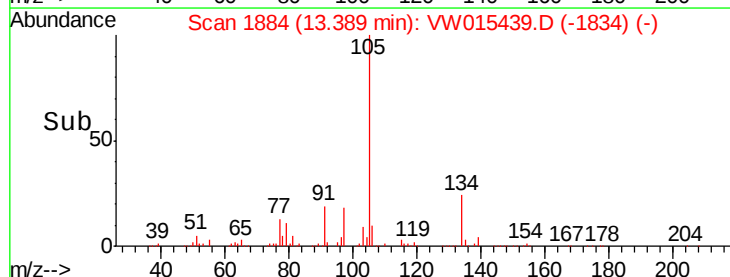
2000000

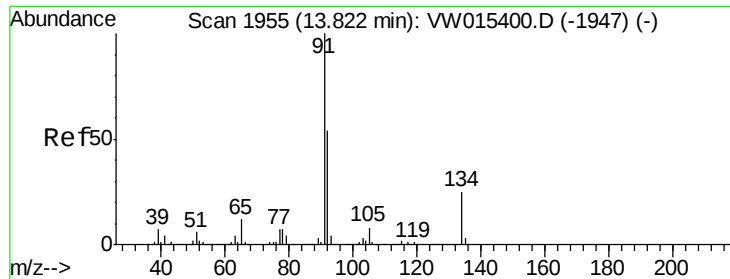
1000000

0

Time-->

13.30 13.40 13.50

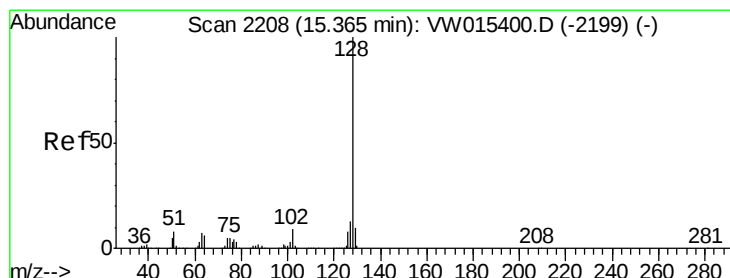
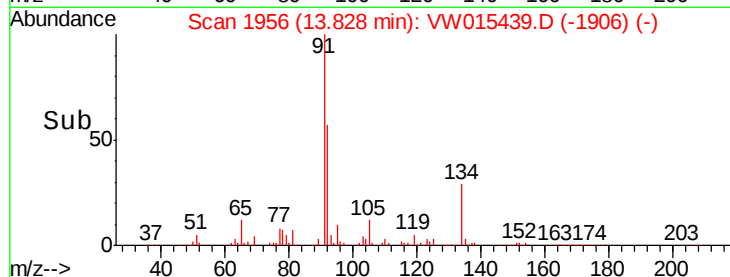
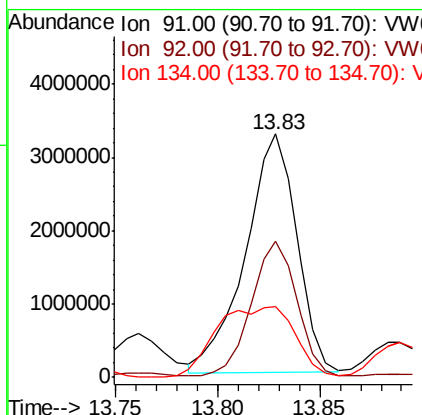
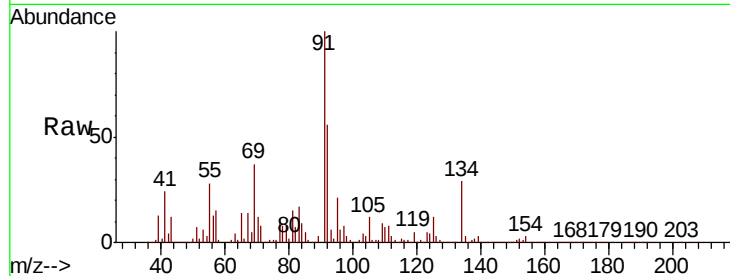




#89
n-Butylbenzene
Concen: 288.874 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VW015439.D
Acq: 15 May 2020 17:31

Instrument :
MSVOA_W
ClientSampleId :
SB-5-14.0-14.5

Tot Ion: 91 Resp: 5720669
Ion Ratio Lower Upper
91 100
92 49.9 27.2 81.6
134 45.3 12.6 37.6#



#95
Naphthalene
Concen: 746.785 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015439.D
Acq: 15 May 2020 17:31

Tgt Ion: 128 Resp: 7197075
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 9.9 8.6 12.8

