

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008565.D
 Acq On : 07 Feb 2019 20:50
 Operator : SY/VA
 Sample : K1409-02
 Misc : 6.53G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08(14-17)

Manual Integrations
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 2/11/2019 12:39:28 PM

Quant Time: Feb 09 00:05:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	502402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1230614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1154663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	957949	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.24	65	2277727m	461.49	ug/l	-0.07
Spiked Amount	50.000		Recovery	=	922.98%	
35) Dibromofluoromethane	7.88	113	331935	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
50) Toluene-d8	10.35	98	12284590	425.73	ug/l	0.03
Spiked Amount	50.000		Recovery	=	851.46%	
62) 4-Bromofluorobenzene	12.62	95	2833113	255.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	510.86%	
Target Compounds						
						Qvalue
31) Cyclohexane	7.91	56	118835162m	12268.144	ug/l	
39) Methylcyclohexane	9.31	83	61120852m	4002.455	ug/l	
52) Toluene	10.38	92	40214671m	1888.620	ug/l	
67) Ethyl Benzene	11.71	91	52311320m	1207.364	ug/l	
68) m/p-Xylenes	11.83	106	51438469m	3059.876	ug/l	
69) o-Xylene	12.16	106	33036840m	2068.336	ug/l	
73) Isopropylbenzene	12.46	105	30967511m	433.616	ug/l	
78) n-propylbenzene	12.79	91	88255045m	1028.897	ug/l	
80) 1,3,5-Trimethylbenzene	12.85	105	80863878m	1354.672	ug/l	
84) 1,2,4-Trimethylbenzene	13.24	105	46751906m	770.556	ug/l	
85) sec-Butylbenzene	13.39	105	20922740m	275.801	ug/l	
86) p-Isopropyltoluene	13.51	119	17576886	264.510	ug/l	88
89) n-Butylbenzene	13.73	91	74357041m	1139.652	ug/l	
95) Naphthalene	15.36	128	20737170	593.807	ug/l #	86

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

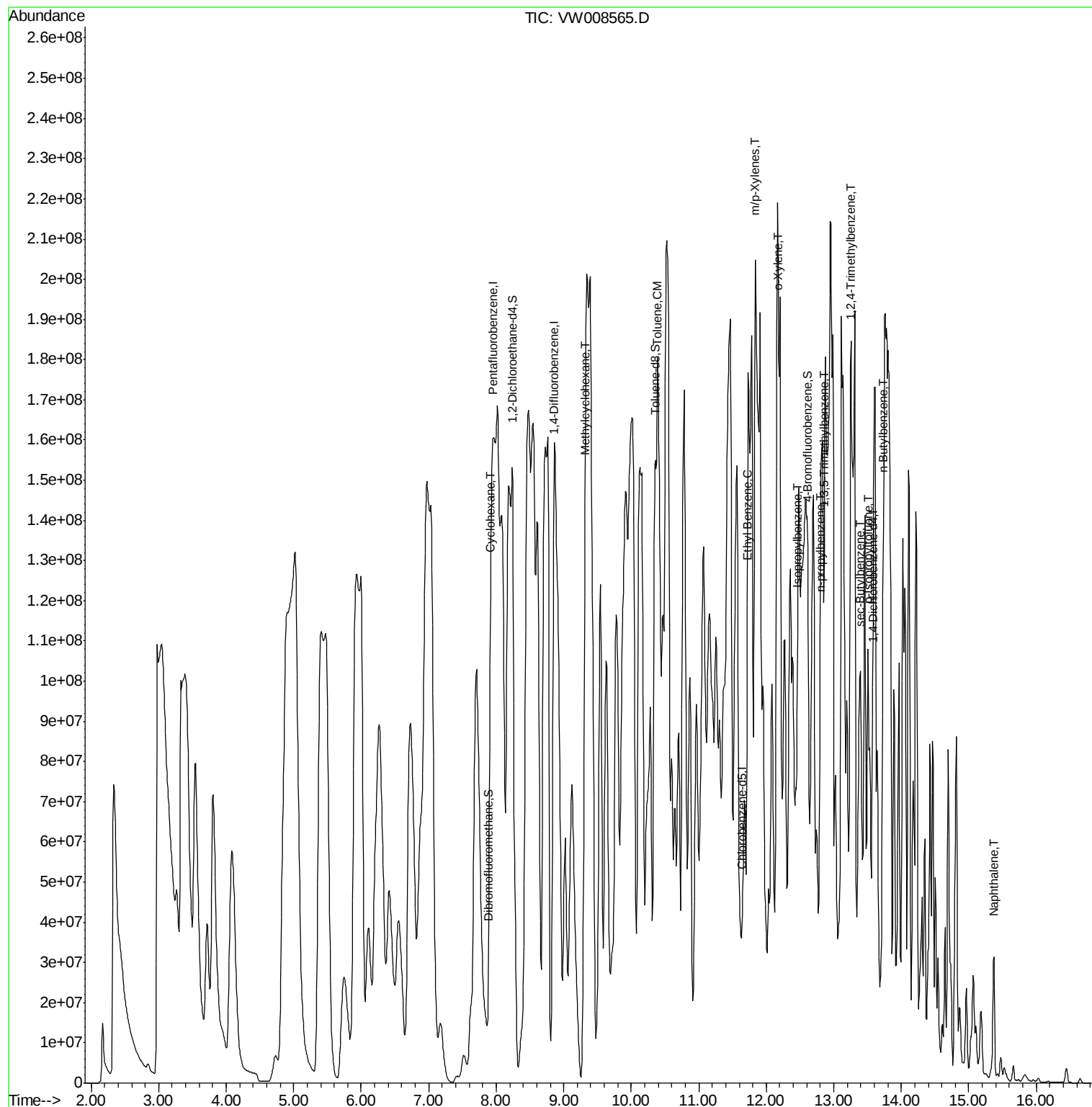
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
Data File : VW008565.D
Acq On : 07 Feb 2019 20:50
Operator : SY/VA
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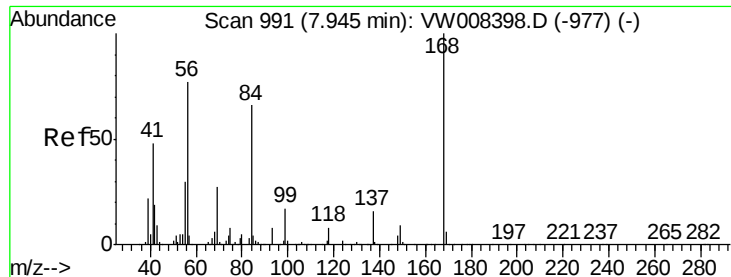
Instrument :
MSVOA_W
ClientSampleId :
SB-08(14-17)

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Quant Time: Feb 09 00:05:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
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: VW008565.D

Acq: 07 Feb 2019 20:50

Instrument :

MSVOA_W

ClientSampleId :

SB-08(14-17)

Tot Ion:168 Resp: 502402

Ion Ratio Lower Upper

168 100

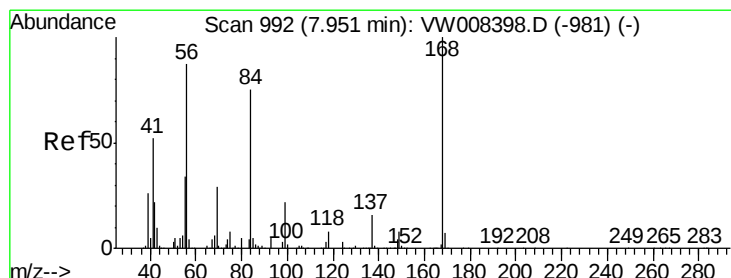
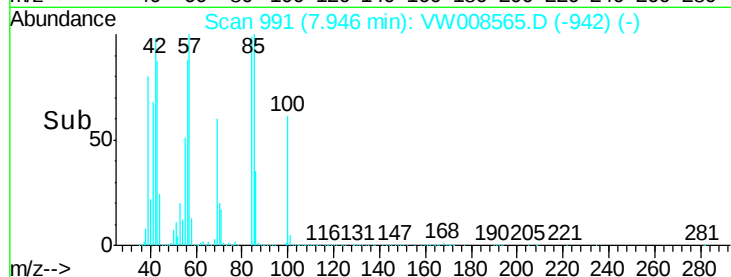
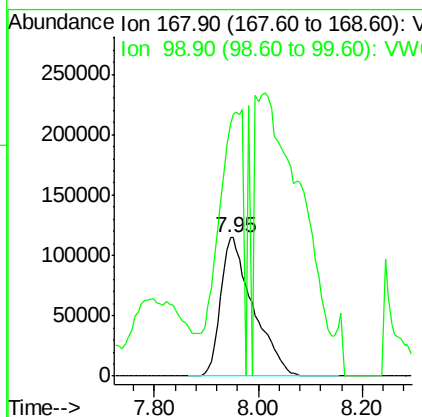
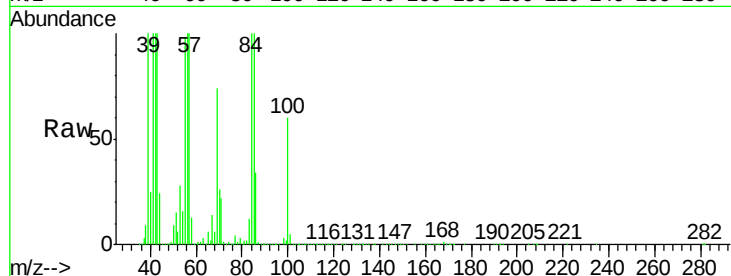
99 148.0 45.5 68.3#

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#31

Cyclohexane

Concen: 12268.144 ug/l m

RT: 7.91 min Scan# 985

Delta R.T. -0.04 min

Lab File: VW008565.D

Acq: 07 Feb 2019 20:50

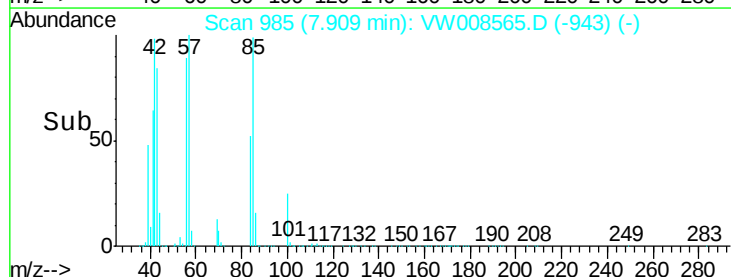
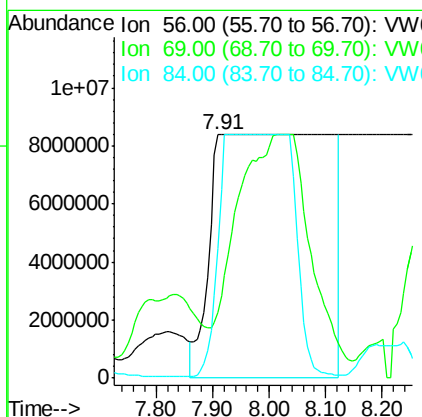
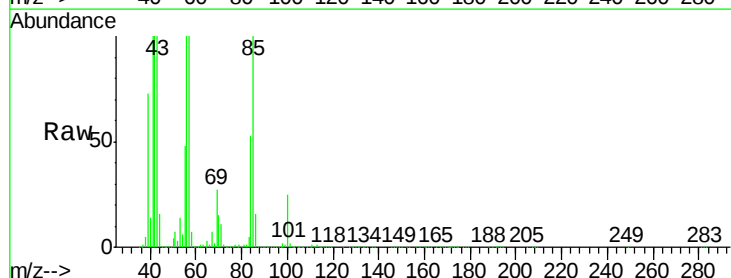
Tgt Ion: 56 Resp:118835162

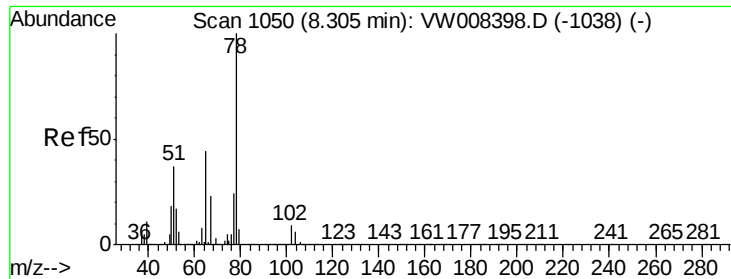
Ion Ratio Lower Upper

56 100

69 26.7 26.4 39.6

84 53.4 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 461.486 ug/l m

RT: 8.24 min Scan# 1039

Delta R.T. -0.07 min

Lab File: VW008565.D

Acq: 07 Feb 2019 20:50

Instrument :

MSVOA_W

ClientSampled :

SB-08(14-17)

Tot Ion: 65 Resp: 2277727

Ion Ratio Lower Upper

65 100

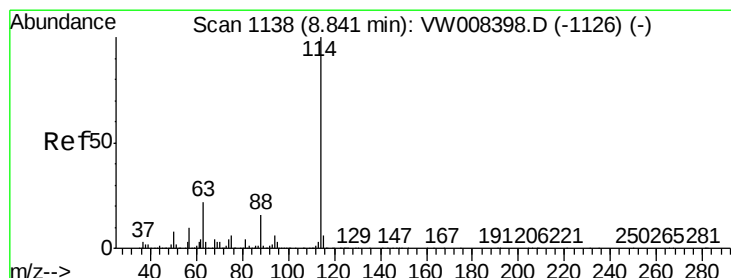
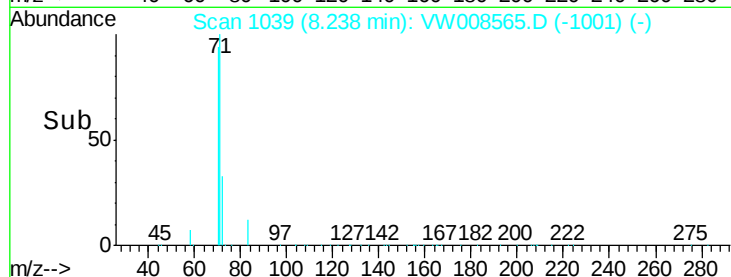
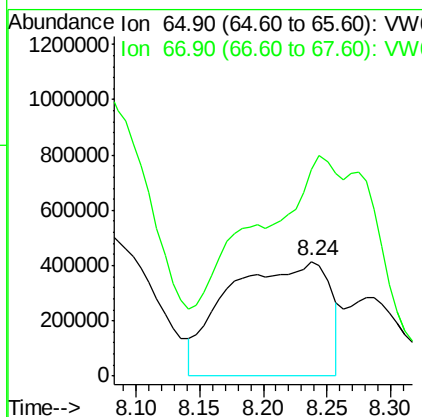
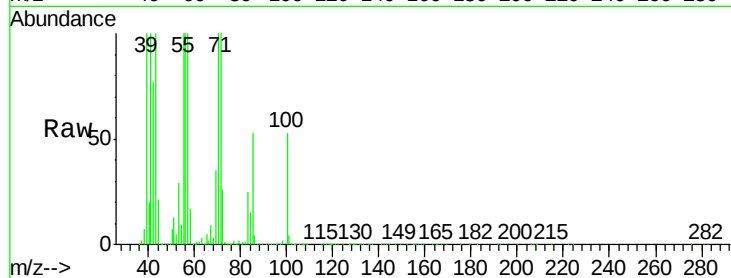
67 0.0 0.0 104.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW008565.D

Acq: 07 Feb 2019 20:50

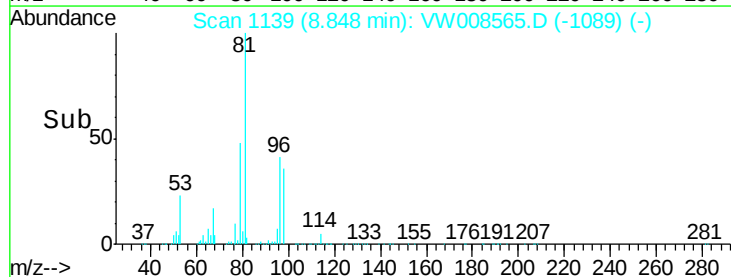
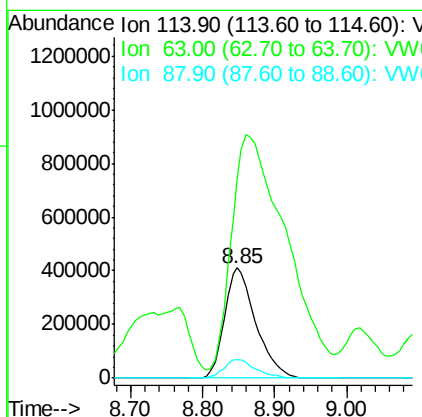
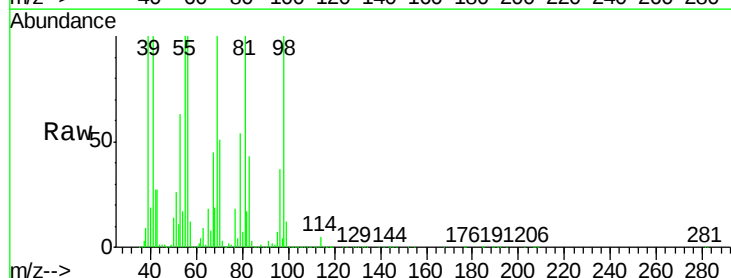
Tgt Ion: 114 Resp: 1230614

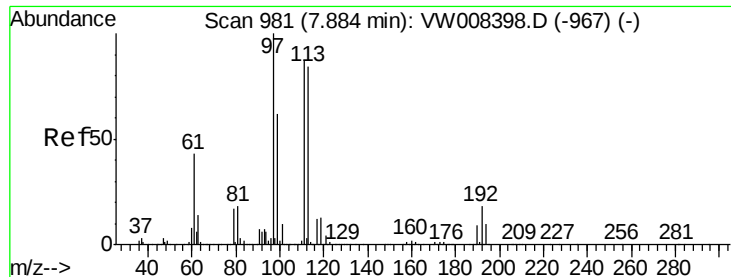
Ion Ratio Lower Upper

114 100

63 158.3 0.0 43.6#

88 16.7 0.0 31.8





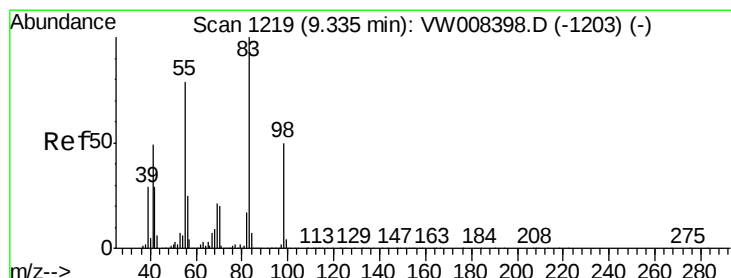
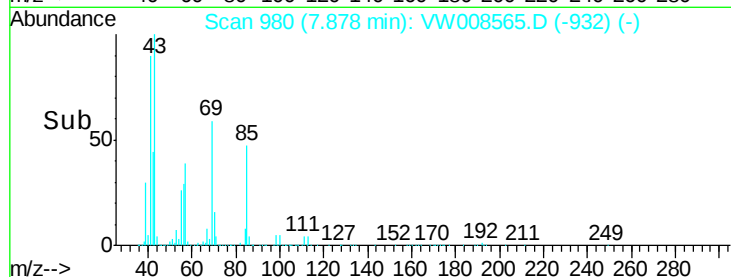
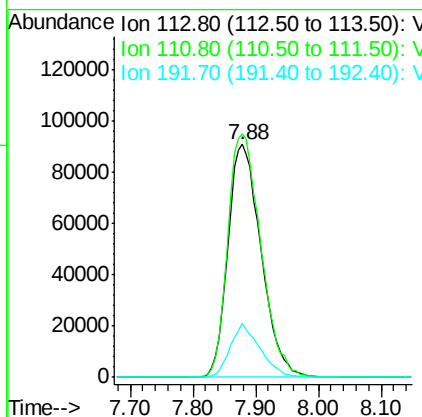
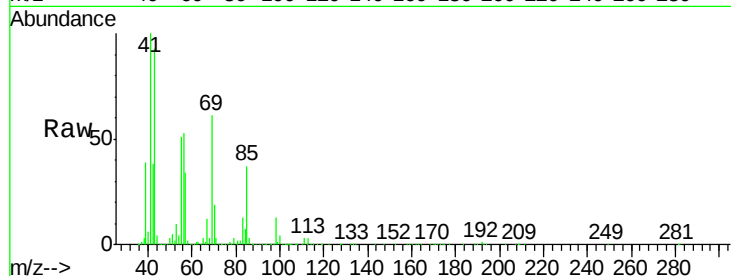
#35
Dibromofluoromethane
Concen: 46.129 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008565.D
Acq: 07 Feb 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
SB-08(14-17)

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.0	121.4
192	20.8	16.8	25.2

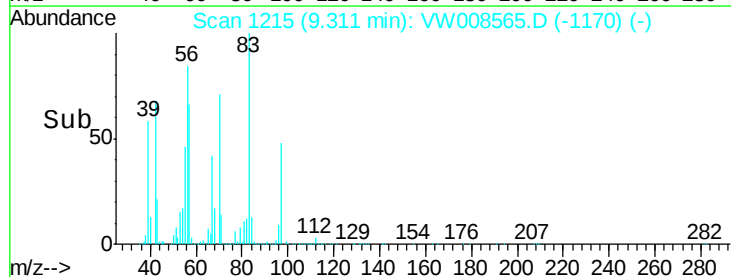
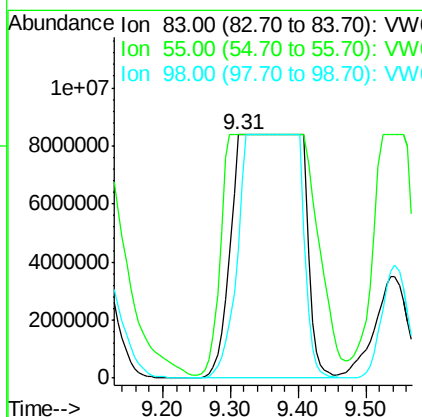
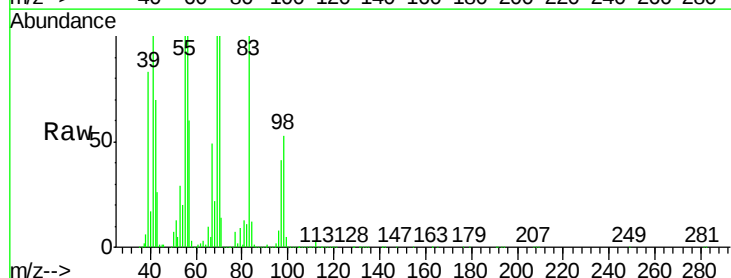
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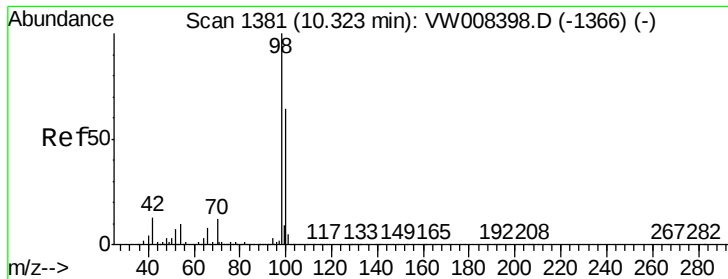
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#39
Methylcyclohexane
Concen: 4002.455 ug/l m
RT: 9.31 min Scan# 1215
Delta R.T. -0.02 min
Lab File: VW008565.D
Acq: 07 Feb 2019 20:50

Tgt Ion	Ratio	Lower	Upper
83	100		
55	100.0	63.3	94.9#
98	52.7	39.7	59.5





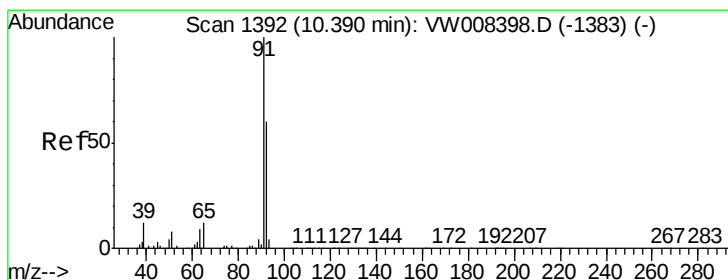
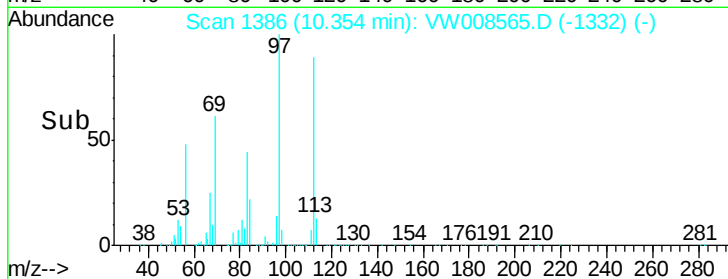
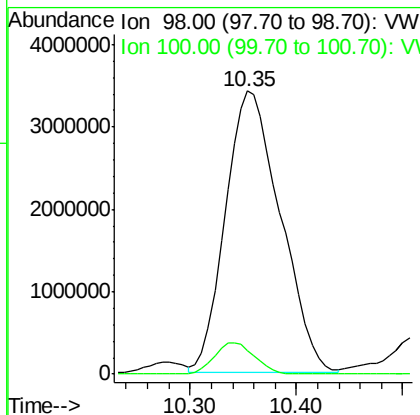
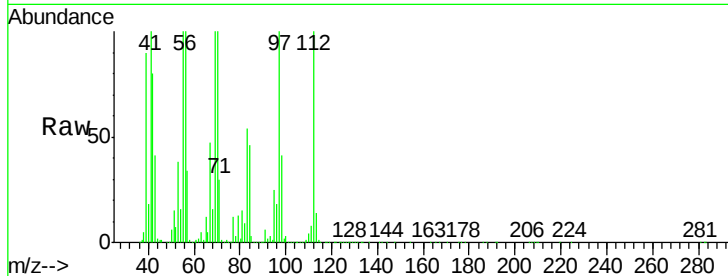
#50
Toluene-d8
Concen: 425.727 ug/l
RT: 10.35 min Scan# 1386
Delta R.T. 0.03 min
Lab File: VW008565.D
Acq: 07 Feb 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
SB-08(14-17)

Tot Ion: 98 Resp:12284590
Ion Ratio Lower Upper
98 100
100 8.2 52.6 78.8#

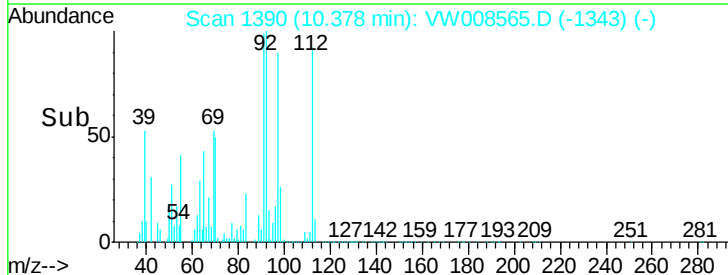
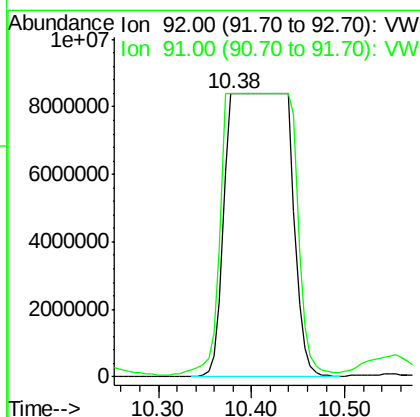
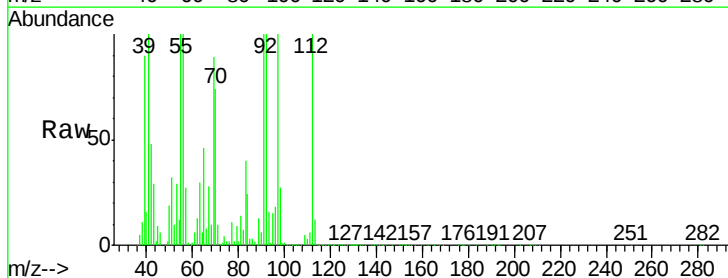
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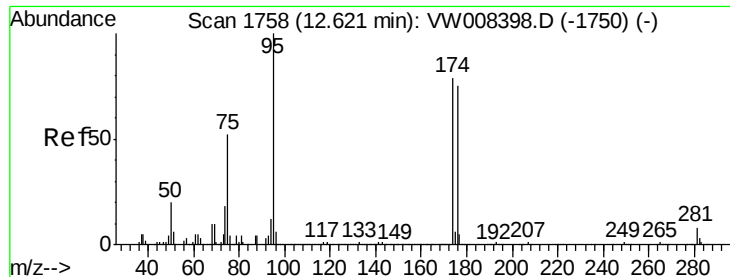
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#52
Toluene
Concen: 1888.620 ug/l m
RT: 10.38 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VW008565.D
Acq: 07 Feb 2019 20:50

Tgt Ion: 92 Resp:40214671
Ion Ratio Lower Upper
92 100
91 0.0 135.5 203.3#





#62

4-Bromofluorobenzene

Concen: 255.429 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008565.D

Acq: 07 Feb 2019 20:50

Instrument :

MSVOA_W

ClientSampled :

SB-08(14-17)

Tot Ion: 95 Resp: 2833113

Ion Ratio Lower Upper

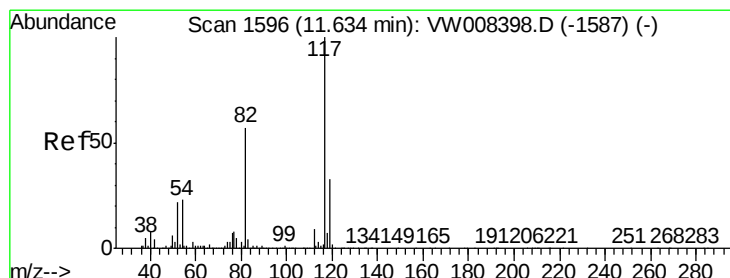
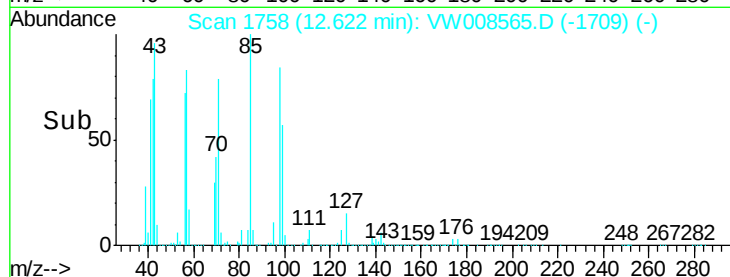
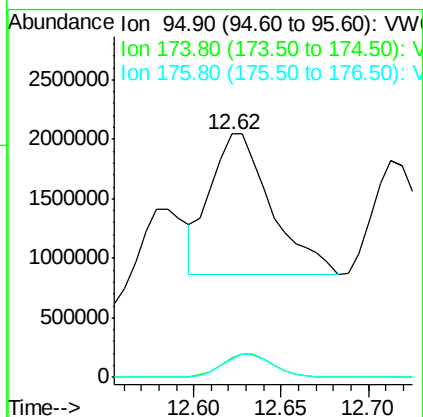
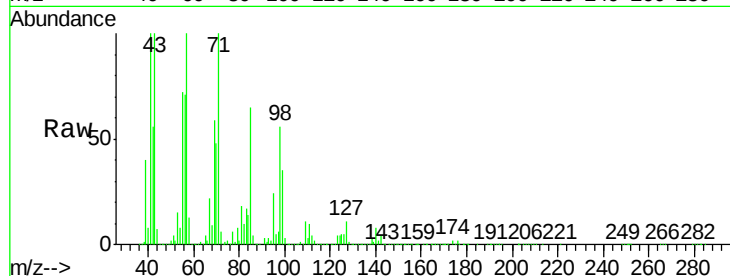
95 100

174 14.3 0.0 157.6

176 13.6 0.0 151.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW008565.D

Acq: 07 Feb 2019 20:50

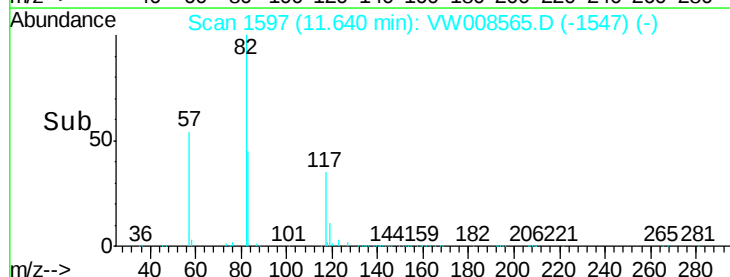
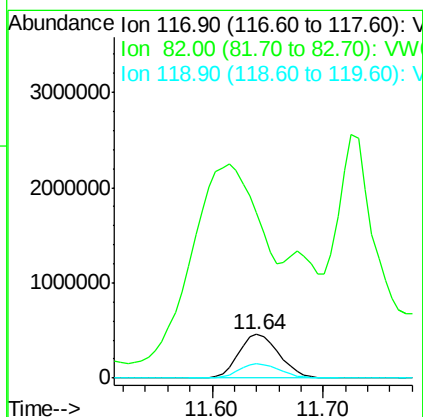
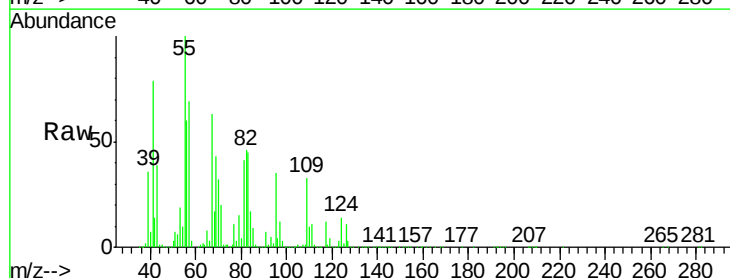
Tgt Ion: 117 Resp: 1154663

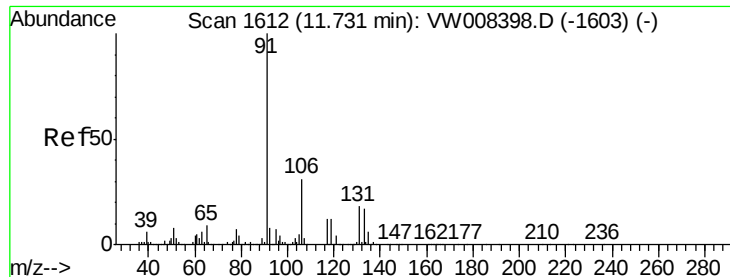
Ion Ratio Lower Upper

117 100

82 121.8 45.4 68.0#

119 32.7 26.2 39.4





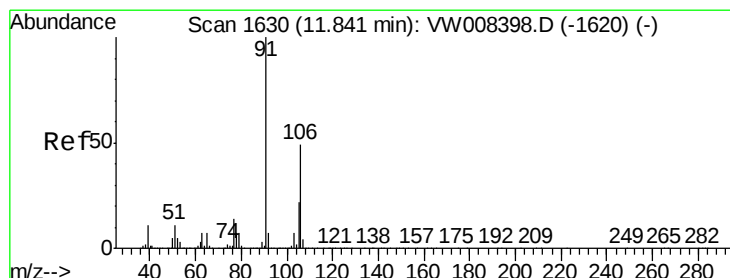
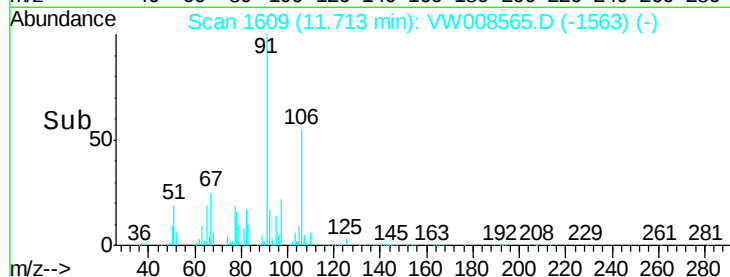
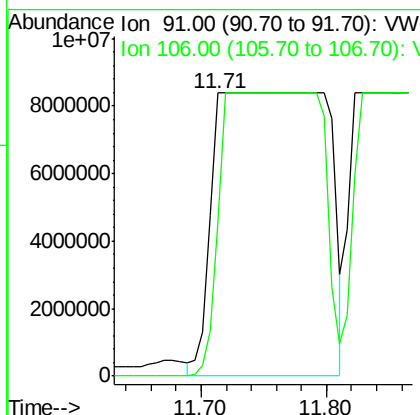
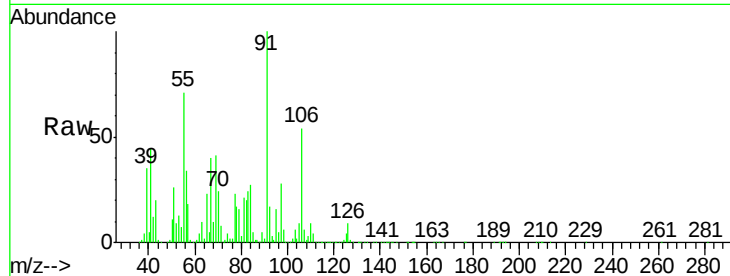
#67
Ethyl Benzene
Concen: 1207.364 ug/l m
RT: 11.71 min Scan# 1609
Delta R.T. -0.02 min
Lab File: VW008565.D
Acq: 07 Feb 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
SB-08(14-17)

Tot Ion: 91 Resp: 52311320
Ion Ratio Lower Upper
91 100
106 54.3 24.7 37.1#

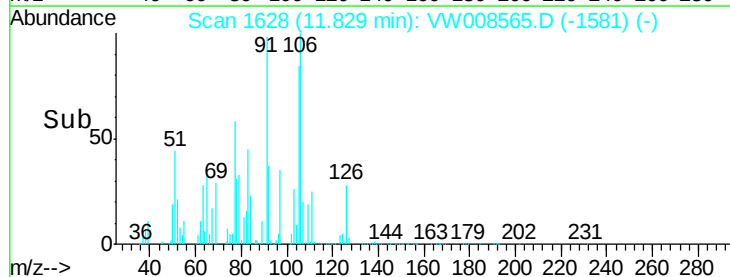
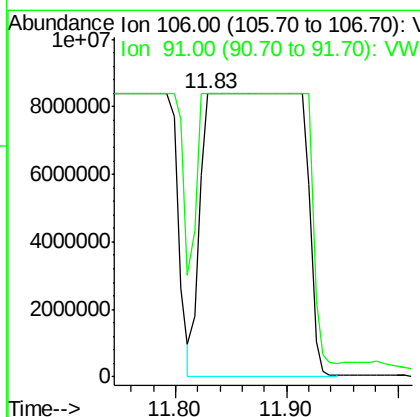
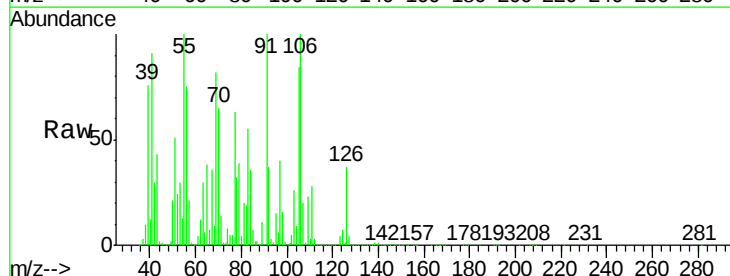
Manual Integrations
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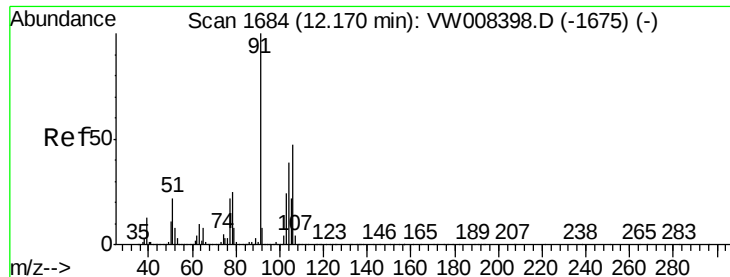
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#68
m/p-Xylenes
Concen: 3059.876 ug/l m
RT: 11.83 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VW008565.D
Acq: 07 Feb 2019 20:50

Tgt Ion: 106 Resp: 51438469
Ion Ratio Lower Upper
106 100
91 3.8 162.9 244.3#





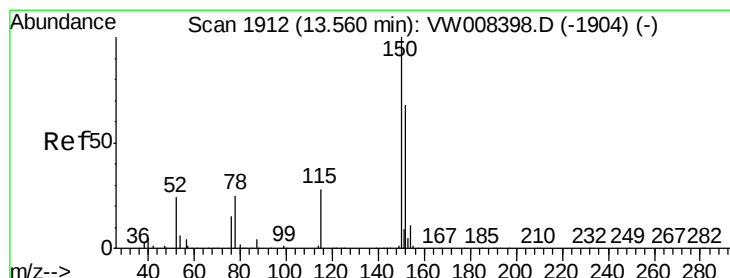
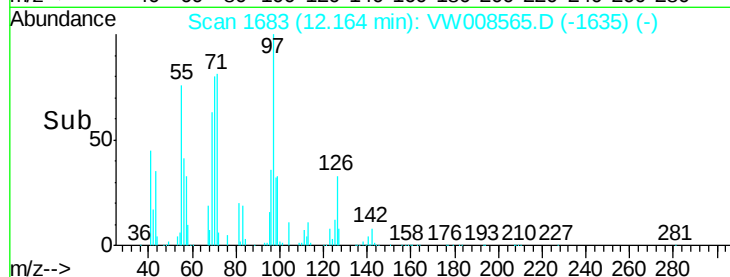
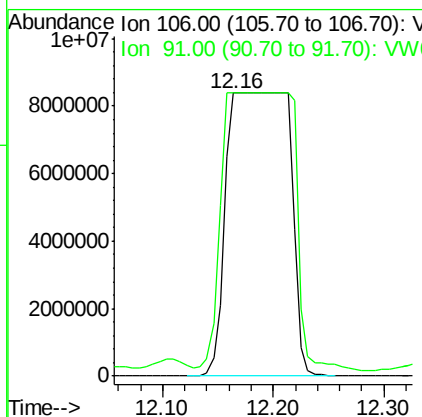
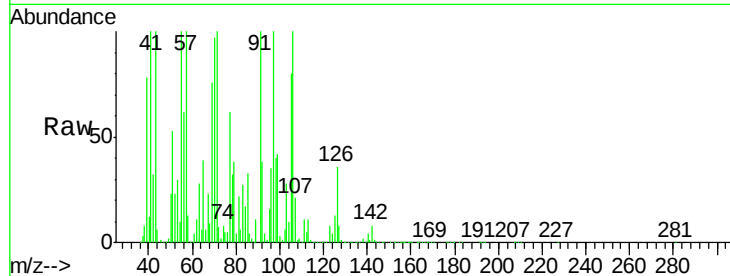
#69
o-Xylene
Concen: 2068.336 ug/l m
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008565.D
Acq: 07 Feb 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
SB-08(14-17)

Tot Ion:106 Resp:33036840
Ion Ratio Lower Upper
106 100
91 0.0 107.5 322.4#

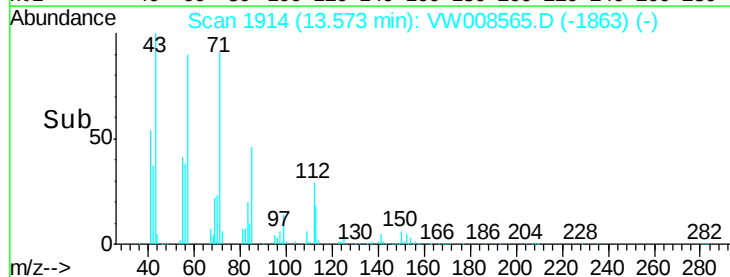
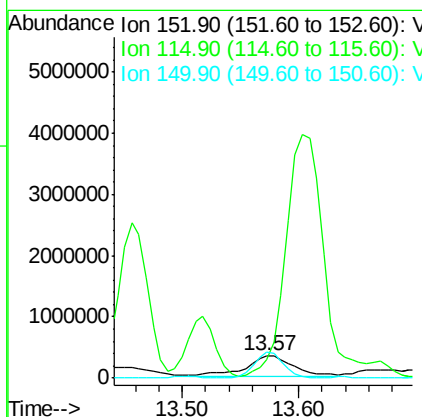
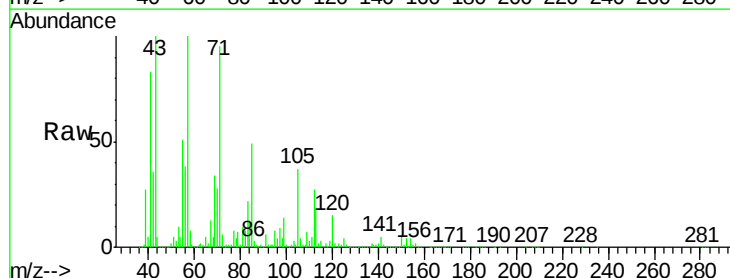
Manual Integrations
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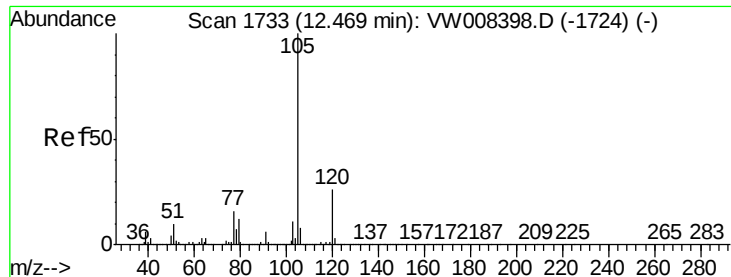
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2/11/2019 12:39:28 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1914
Delta R.T. 0.01 min
Lab File: VW008565.D
Acq: 07 Feb 2019 20:50

Tgt Ion:152 Resp: 957949
Ion Ratio Lower Upper
152 100
115 0.0 29.9 89.7#
150 75.1 0.0 351.4





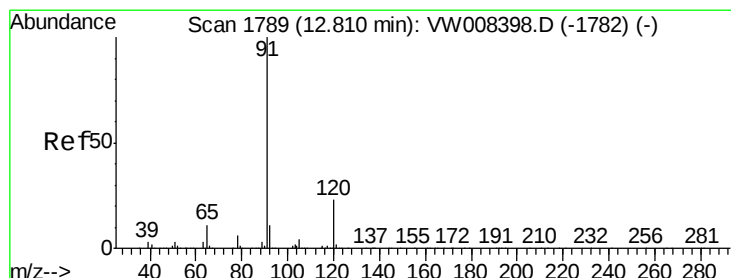
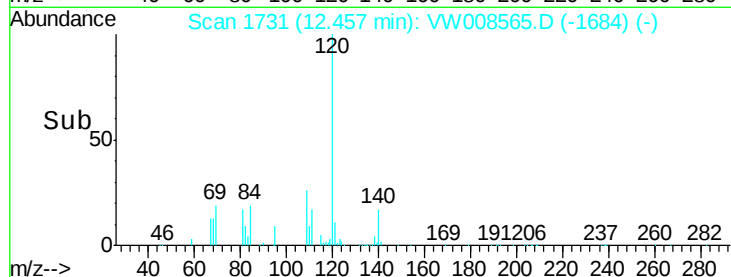
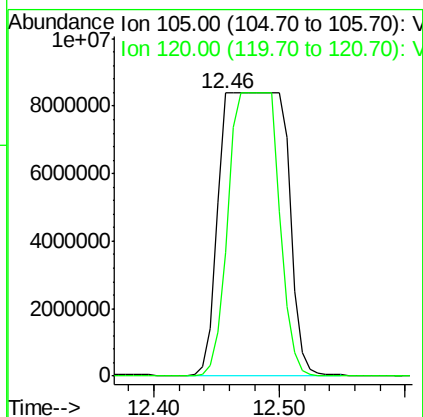
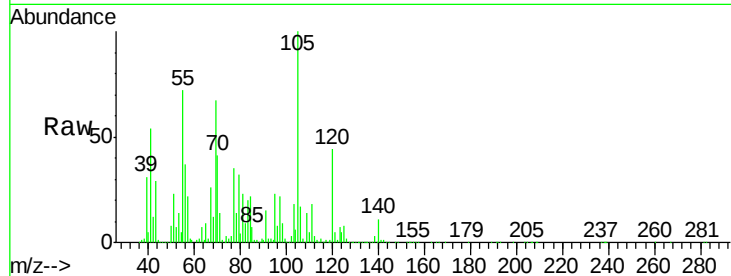
#73
Isopropylbenzene
Concen: 433.616 ug/l m
RT: 12.46 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VW008565.D
Acq: 07 Feb 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
SB-08(14-17)

Tot Ion:105 Resp:30967511
Ion Ratio Lower Upper
105 100
120 0.0 13.3 39.8#

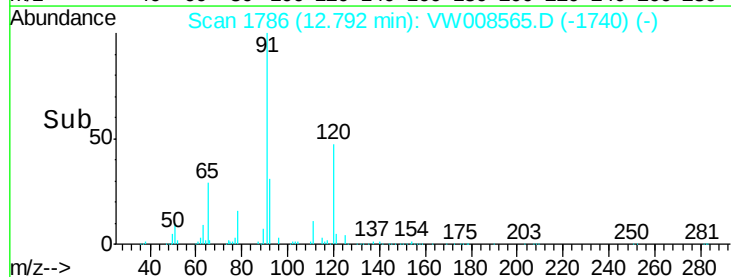
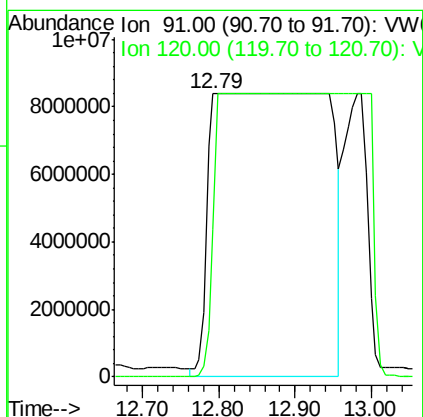
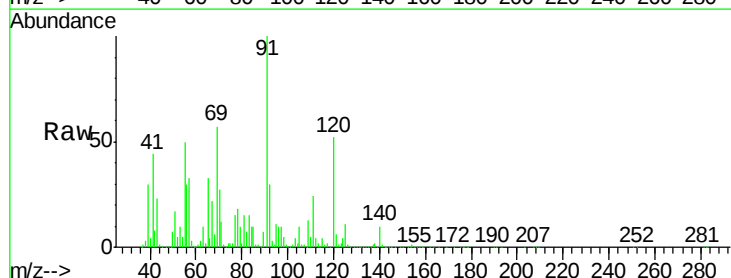
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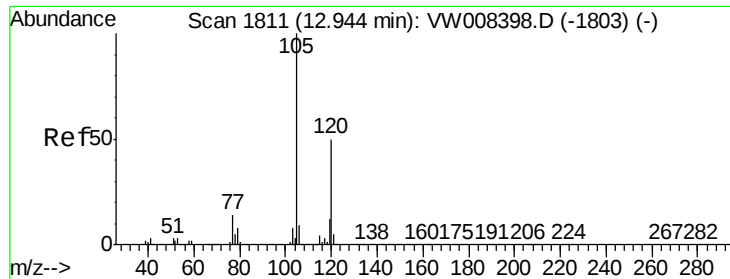
MMDadoda
2/11/2019 12:39:28 PM



#78
n-propylbenzene
Concen: 1028.897 ug/l m
RT: 12.79 min Scan# 1786
Delta R.T. -0.02 min
Lab File: VW008565.D
Acq: 07 Feb 2019 20:50

Tgt Ion: 91 Resp:88255045
Ion Ratio Lower Upper
91 100
120 0.0 11.4 34.1#





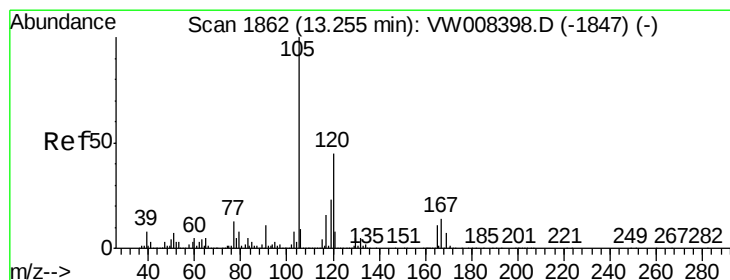
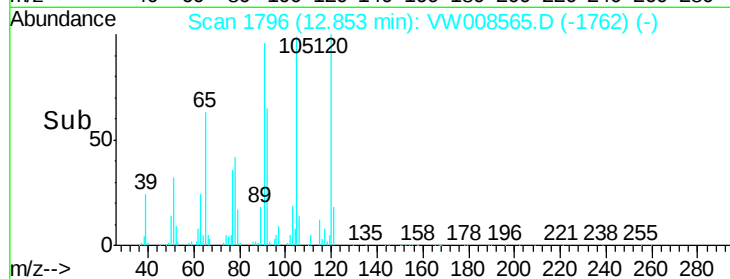
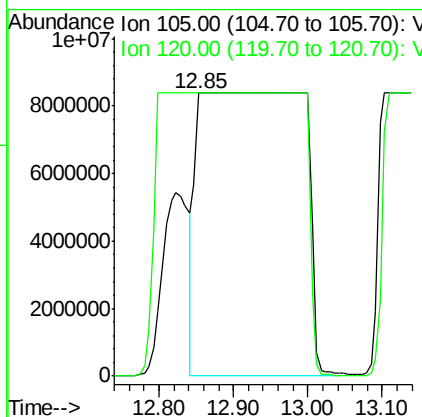
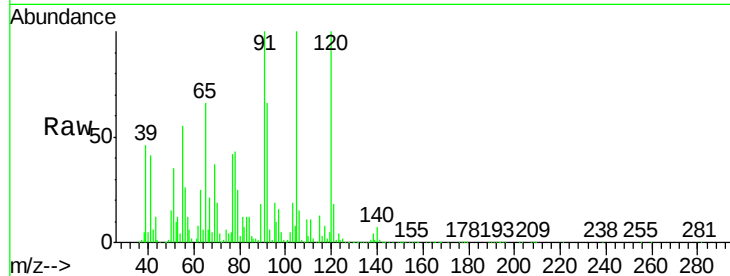
#80
 1,3,5-Trimethylbenzene
 Concen: 1354.672 ug/l m
 RT: 12.85 min Scan# 1796
 Delta R.T. -0.09 min
 Lab File: VW008565.D
 Acq: 07 Feb 2019 20:50

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08(14-17)

Tot Ion:105 Resp:80863878
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.6 73.8#

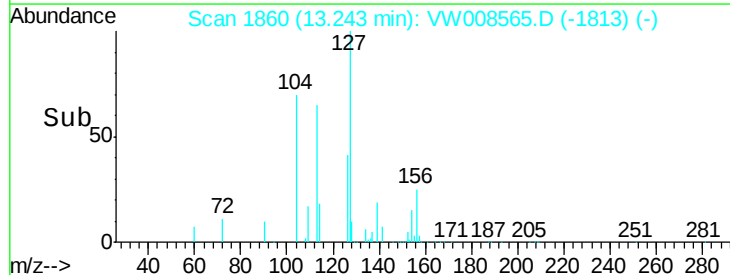
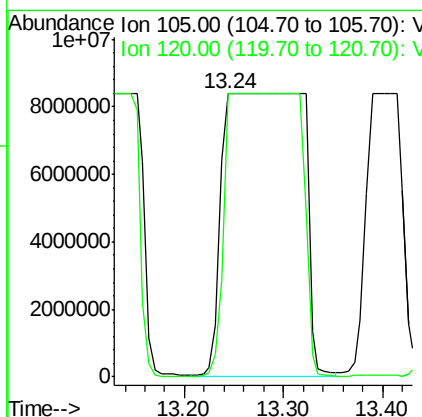
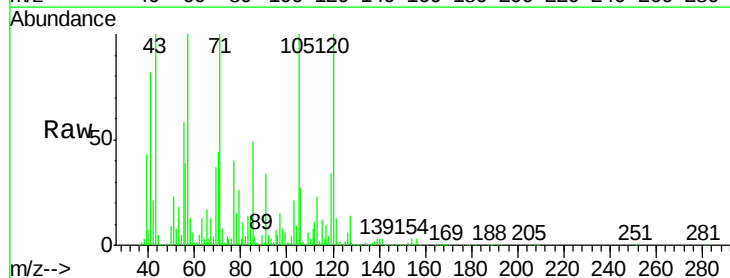
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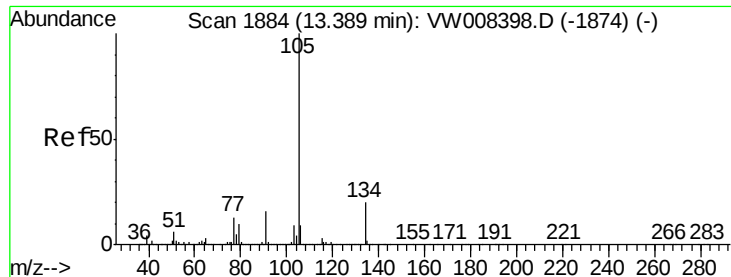
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#84
 1,2,4-Trimethylbenzene
 Concen: 770.556 ug/l m
 RT: 13.24 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VW008565.D
 Acq: 07 Feb 2019 20:50

Tgt Ion:105 Resp:46751906
 Ion Ratio Lower Upper
 105 100
 120 13.2 23.1 69.2#





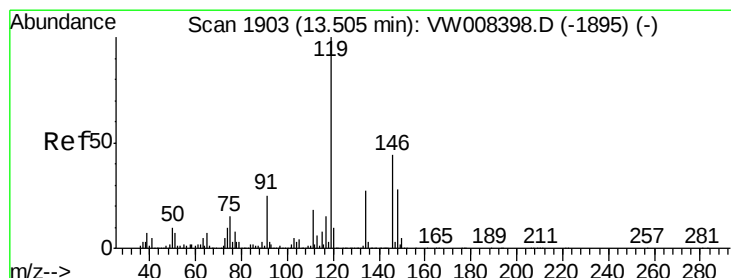
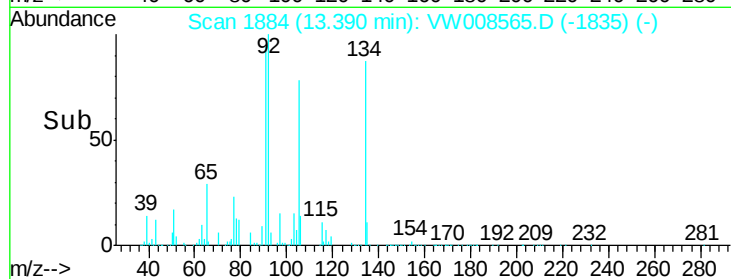
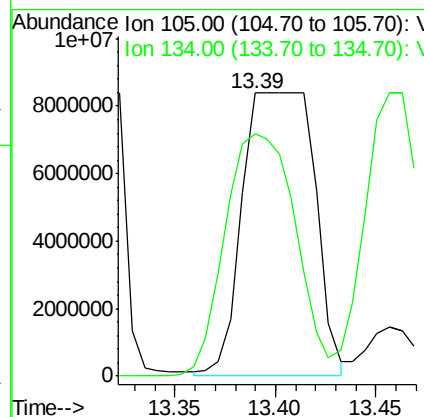
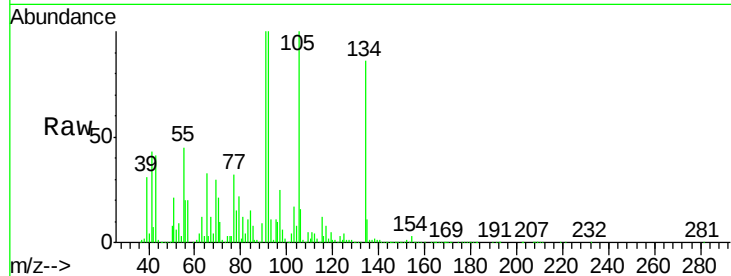
#85
 sec-Butylbenzene
 Concen: 275.801 ug/l m
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008565.D
 Acq: 07 Feb 2019 20:50

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08(14-17)

Tot Ion:105 Resp:20922740
 Ion Ratio Lower Upper
 105 100
 134 75.4 10.2 30.6#

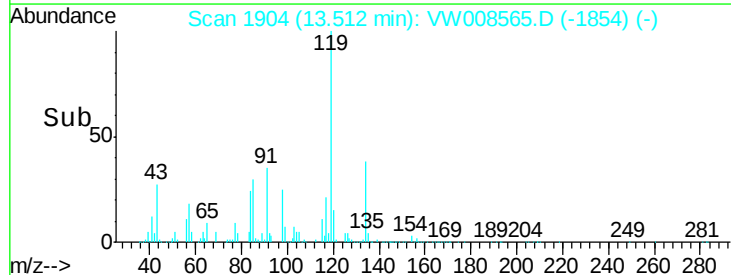
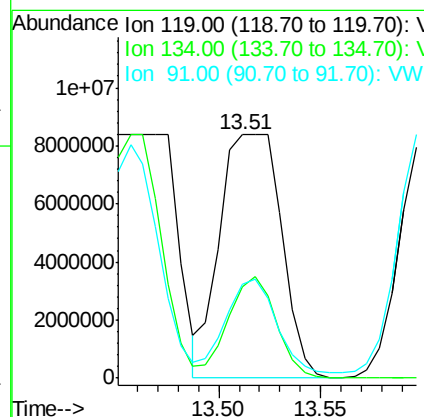
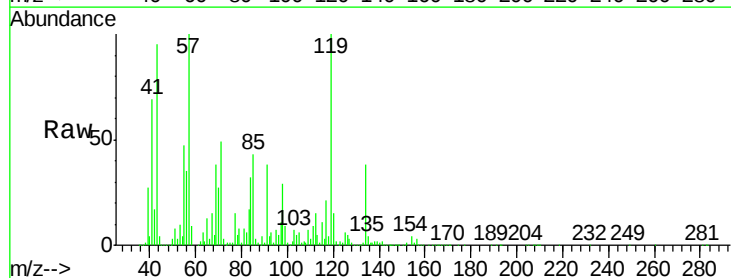
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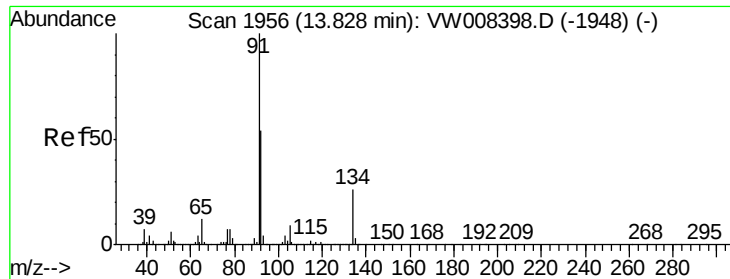
MMDadoda
 2/11/2019 12:39:28 PM



#86
 p-Isopropyltoluene
 Concen: 264.510 ug/l
 RT: 13.51 min Scan# 1904
 Delta R.T. 0.01 min
 Lab File: VW008565.D
 Acq: 07 Feb 2019 20:50

Tgt Ion:119 Resp:17576886
 Ion Ratio Lower Upper
 119 100
 134 32.7 13.4 40.2
 91 31.6 12.6 37.6





#89

n-Butylbenzene

Concen: 1139.652 ug/l m

RT: 13.73 min Scan# 1940

Delta R.T. -0.10 min

Lab File: VW008565.D

Acq: 07 Feb 2019 20:50

Instrument :

MSVOA_W

ClientSampleId :

SB-08(14-17)

Tot Ion: 91 Resp: 74357041

Ion Ratio Lower Upper

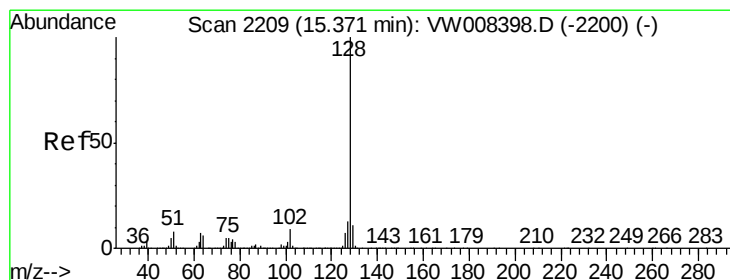
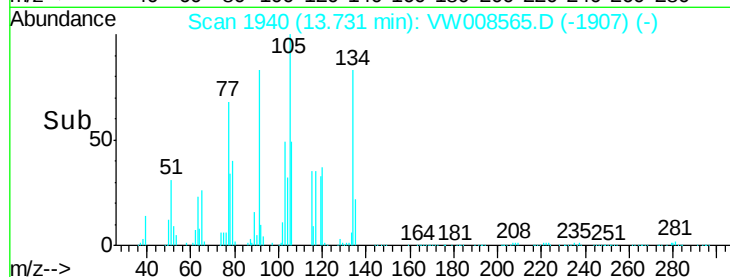
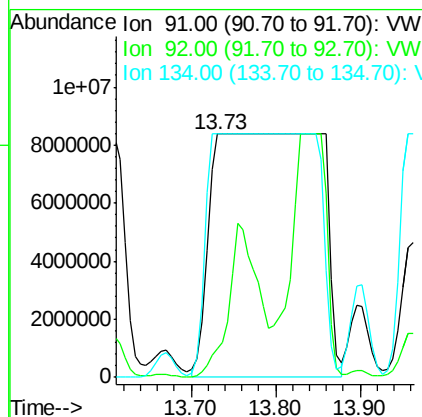
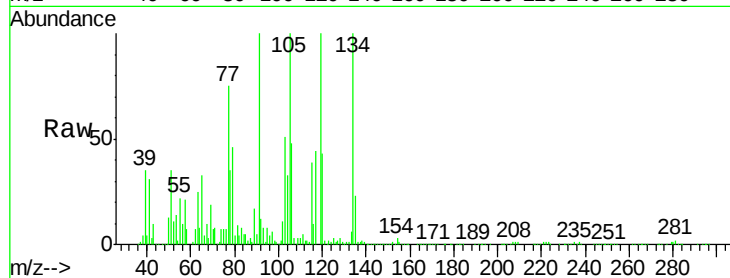
91 100

92 0.0 27.4 82.2#

134 6.2 13.0 39.0#

Manual Integrations
APPROVED

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2/11/2019 12:39:28 PM



#95

Naphthalene

Concen: 593.807 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW008565.D

Acq: 07 Feb 2019 20:50

Tgt Ion: 128 Resp: 20737170

Ion Ratio Lower Upper

128 100

127 19.0 10.6 15.8#

129 15.8 8.7 13.1#

