

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008551.D
 Acq On : 07 Feb 2019 14:35
 Operator : SY/VA
 Sample : K1390-01
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01(12-13)

Manual Integrations
 APPROVED

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 2/11/2019 12:39:12 PM

Quant Time: Feb 09 03:51:05 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	271853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	547567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	480170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	917668m	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	162948	61.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.02%	
35) Dibromofluoromethane	7.88	113	135171	42.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.44%	
50) Toluene-d8	10.35	98	12127805m	944.58	ug/l	0.03
Spiked Amount	50.000		Recovery	=	1889.16%	
62) 4-Bromofluorobenzene	12.62	95	4596020m	931.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1862.52%	
Target Compounds						
						Qvalue
31) Cyclohexane	7.92	56	56034405m	10690.694	ug/l	
39) Methylcyclohexane	9.31	83	52737868m	7761.474	ug/l	
64) Tetrachloroethene	10.87	164	268250	82.512	ug/l #	82
73) Isopropylbenzene	12.48	105	4006300	58.560	ug/l	95
78) n-propylbenzene	12.80	91	20892447m	254.260	ug/l	
80) 1,3,5-Trimethylbenzene	12.91	105	14622112m	255.709	ug/l	
84) 1,2,4-Trimethylbenzene	13.26	105	14030064	241.391	ug/l	96
85) sec-Butylbenzene	13.38	105	18324705	252.157	ug/l #	19
86) p-Isopropyltoluene	13.51	119	8477289	133.172	ug/l	94
89) n-Butylbenzene	13.82	91	27176502m	434.811	ug/l	

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

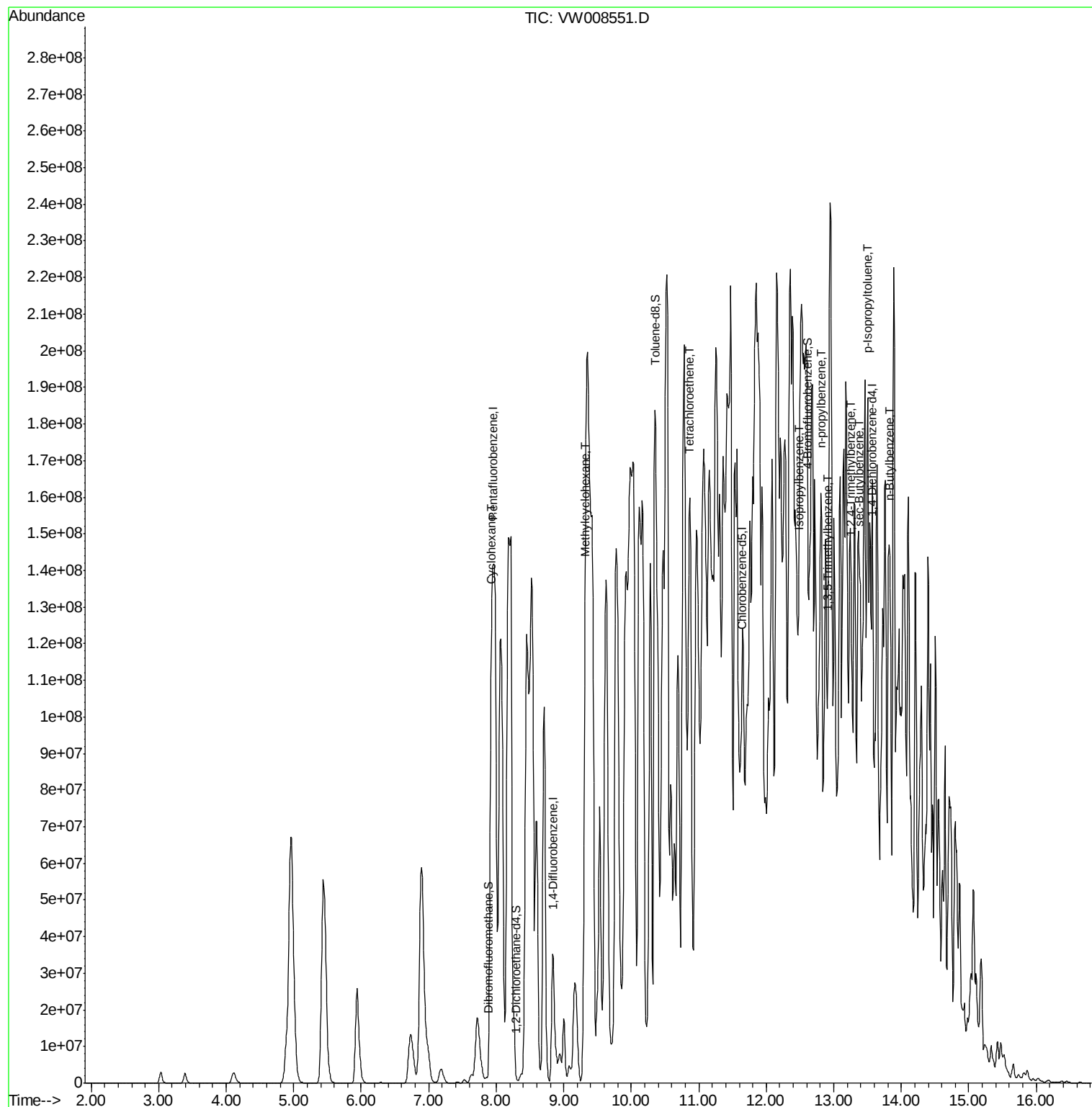
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
Data File : VW008551.D
Acq On : 07 Feb 2019 14:35
Operator : SY/VA
Sample : K1390-01
Misc : 5.55G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-01(12-13)

Quant Time: Feb 09 03:51:05 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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008551.D

Acq: 07 Feb 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01(12-13)

Tot Ion:168 Resp: 271853

Ion Ratio Lower Upper

168 100

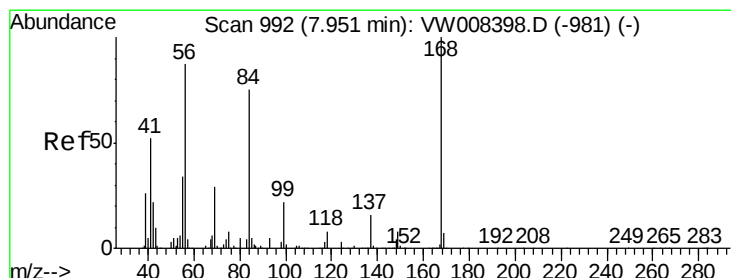
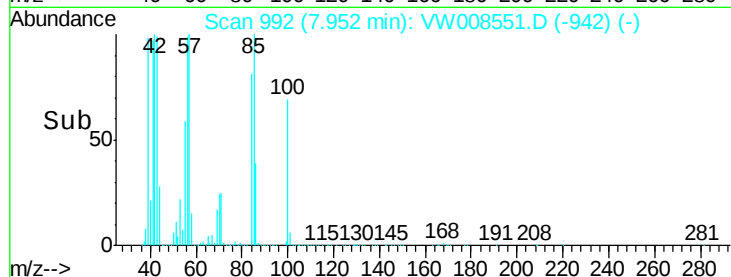
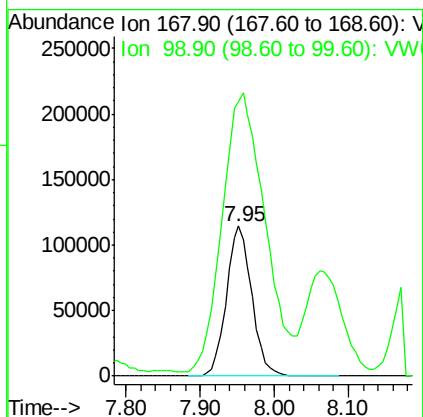
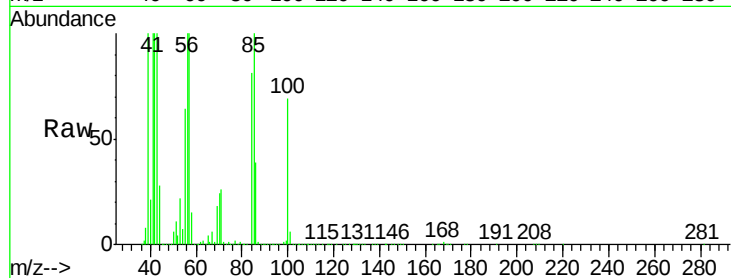
99 179.5 45.5 68.3#

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#31

Cyclohexane

Concen: 10690.694 ug/l m

RT: 7.92 min Scan# 987

Delta R.T. -0.03 min

Lab File: VW008551.D

Acq: 07 Feb 2019 14:35

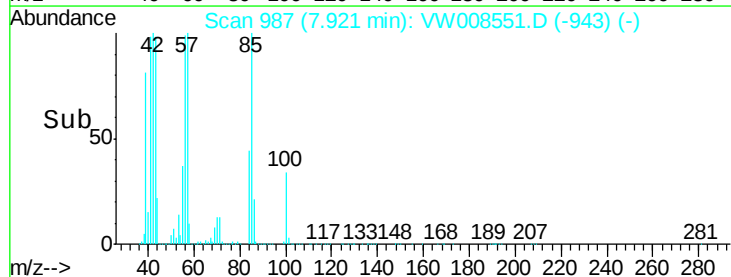
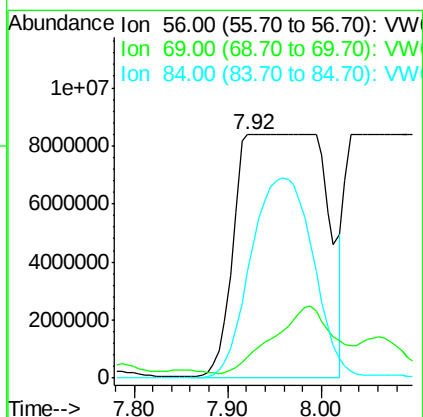
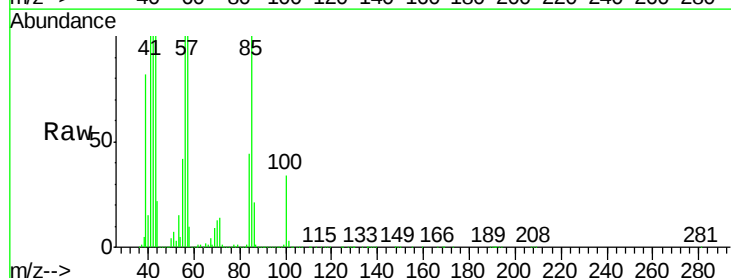
Tgt Ion: 56 Resp:56034405

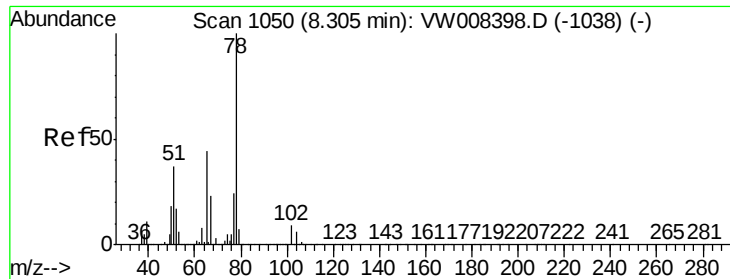
Ion Ratio Lower Upper

56 100

69 8.7 26.4 39.6#

84 44.1 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 61.013 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008551.D

Acq: 07 Feb 2019 14:35

Instrument :

MSVOA_W

ClientSampled :

SB-01(12-13)

Tot Ion: 65 Resp: 162948

Ion Ratio Lower Upper

65 100

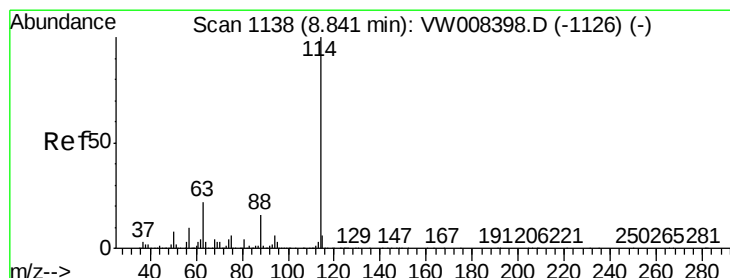
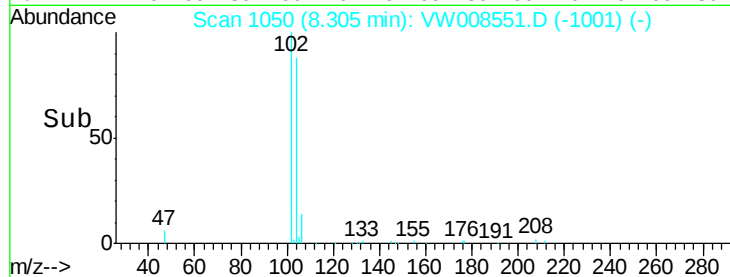
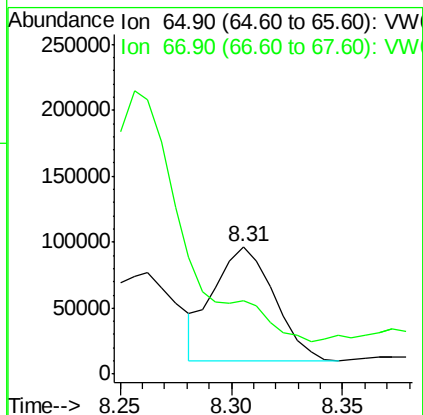
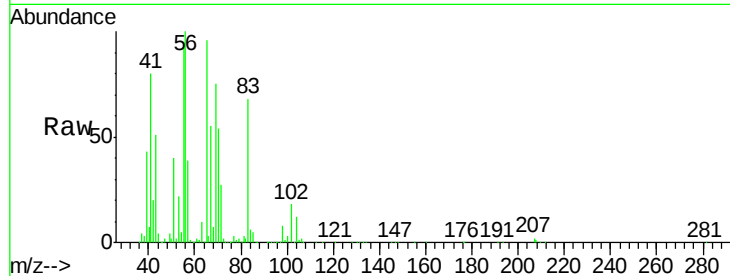
67 0.0 0.0 104.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008551.D

Acq: 07 Feb 2019 14:35

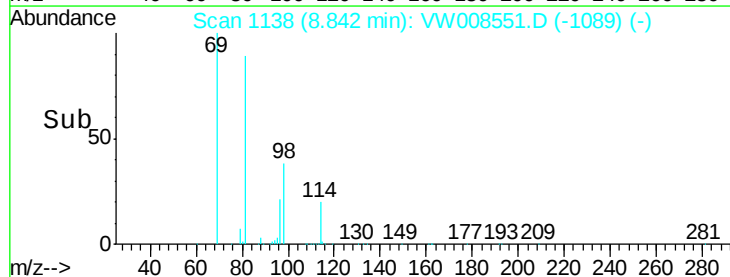
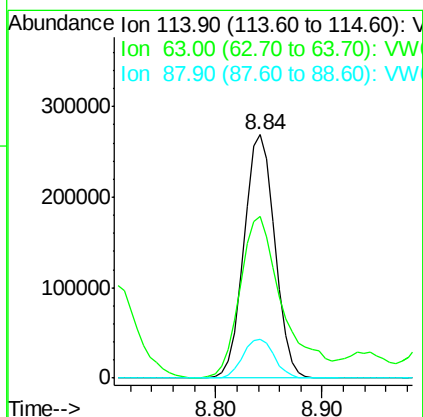
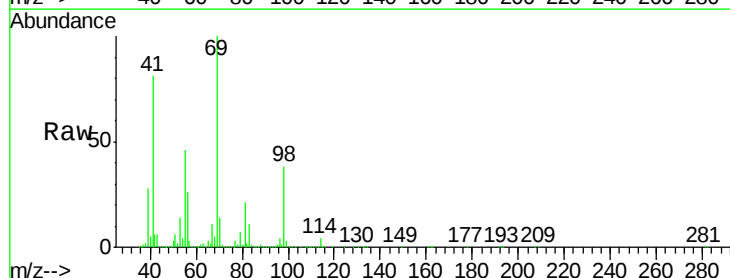
Tgt Ion: 114 Resp: 547567

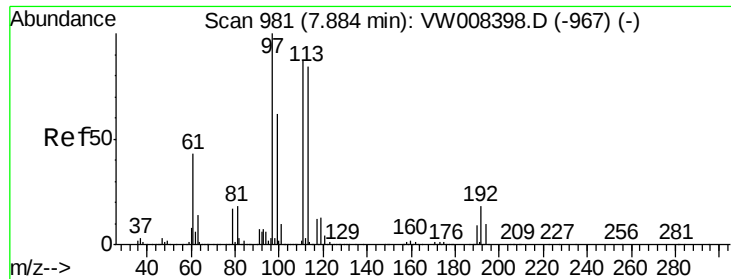
Ion Ratio Lower Upper

114 100

63 65.9 0.0 43.6#

88 15.9 0.0 31.8





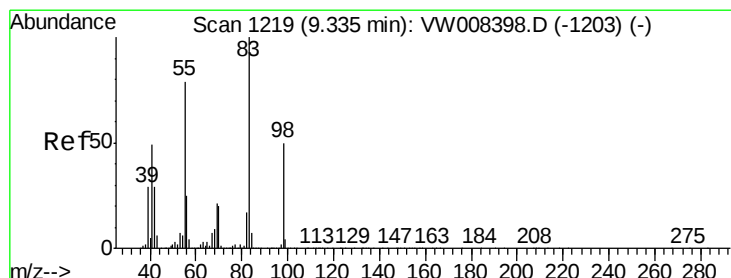
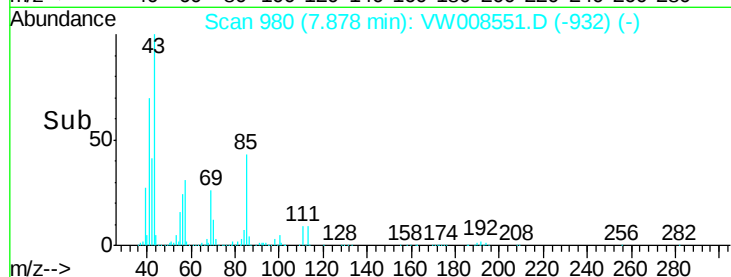
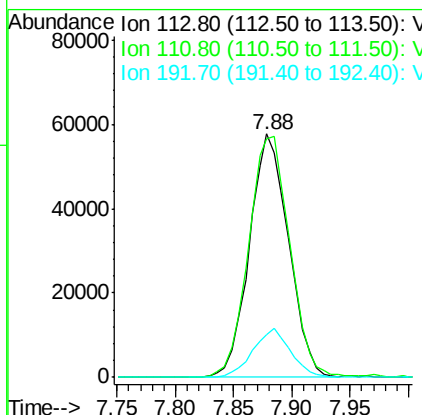
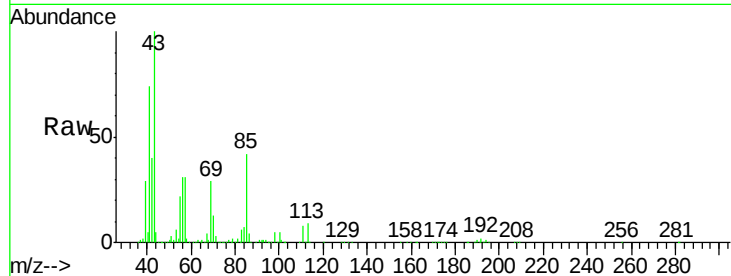
#35
Dibromofluoromethane
Concen: 42.217 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008551.D
Acq: 07 Feb 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
SB-01(12-13)

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.0	121.4
192	19.6	16.8	25.2

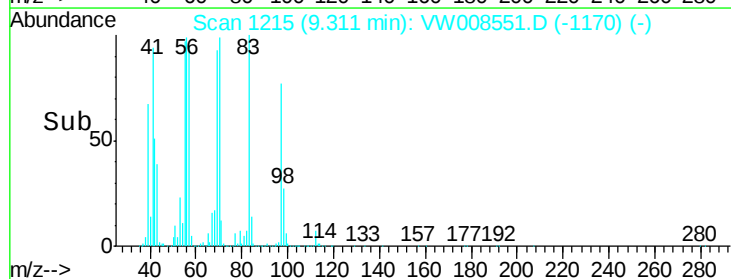
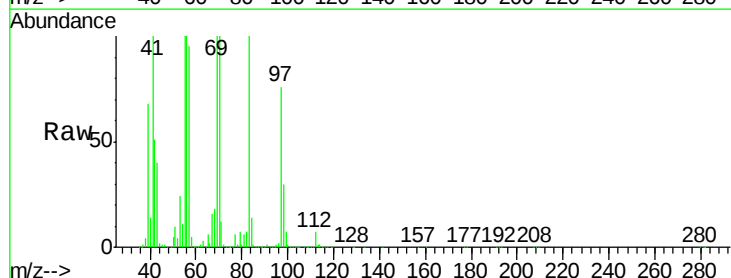
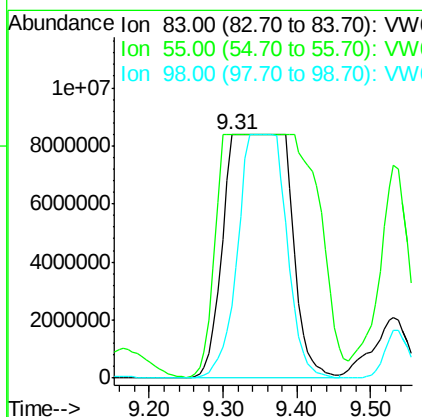
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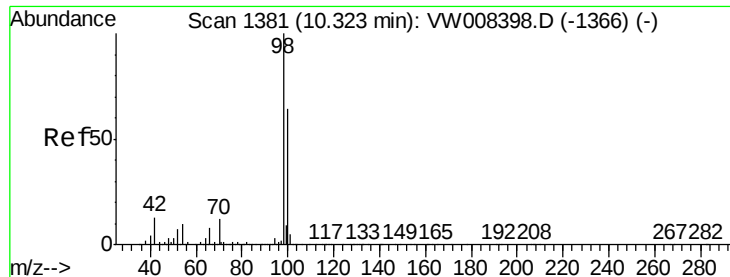
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#39
Methylcyclohexane
Concen: 7761.474 ug/l m
RT: 9.31 min Scan# 1215
Delta R.T. -0.02 min
Lab File: VW008551.D
Acq: 07 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
83	100		
55	100.0	63.3	94.9#
98	29.6	39.7	59.5#





#50

Toluene-d8

Concen: 944.578 ug/l m

RT: 10.35 min Scan# 1386

Delta R.T. 0.03 min

Lab File: VW008551.D

Acq: 07 Feb 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01(12-13)

Tot Ion: 98 Resp: 12127805

Ion Ratio Lower Upper

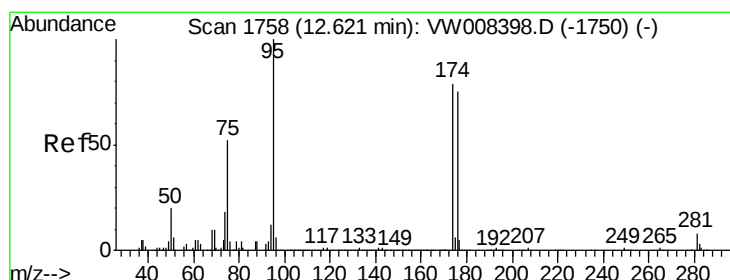
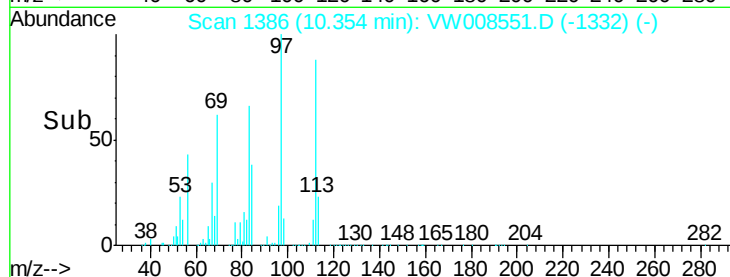
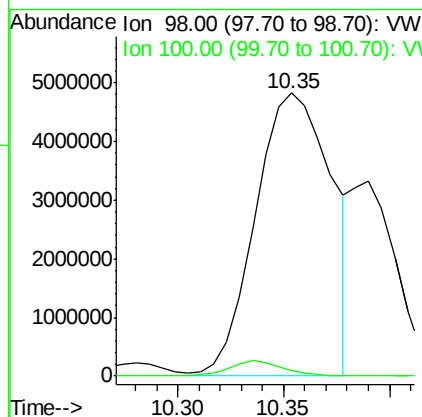
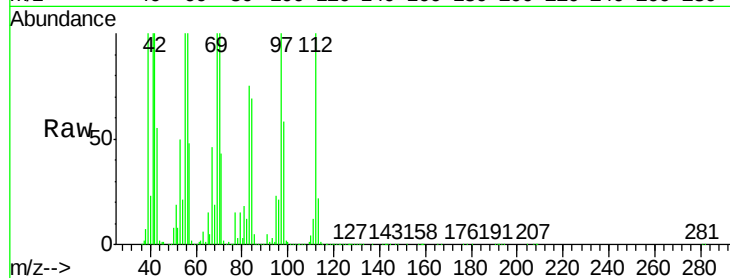
98 100

100 3.8 52.6 78.8#

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 931.263 ug/l m

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008551.D

Acq: 07 Feb 2019 14:35

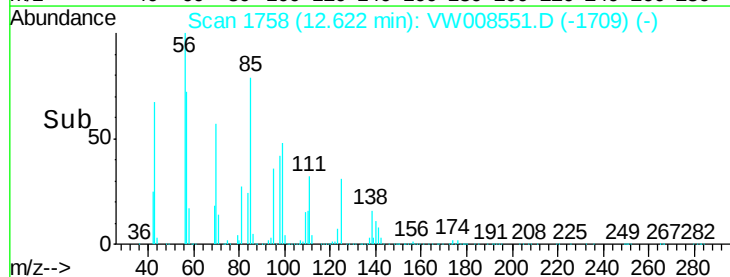
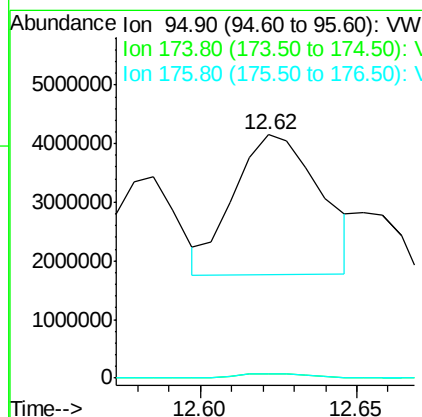
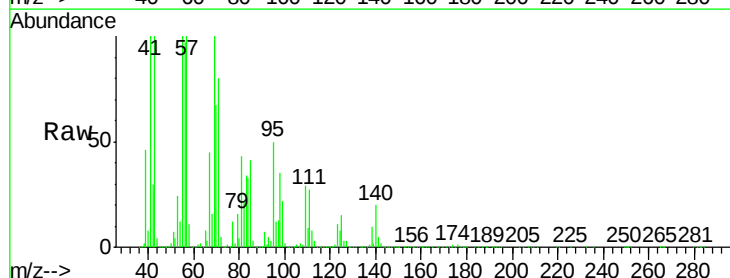
Tgt Ion: 95 Resp: 4596020

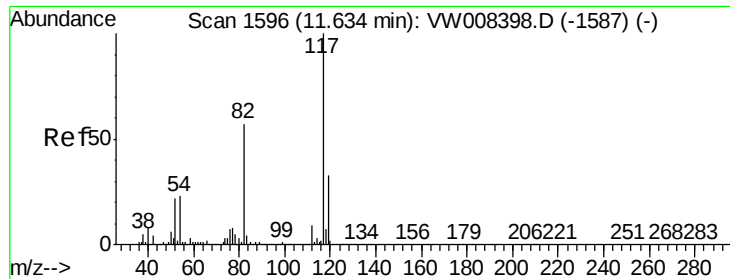
Ion Ratio Lower Upper

95 100

174 2.9 0.0 157.6

176 2.8 0.0 151.8





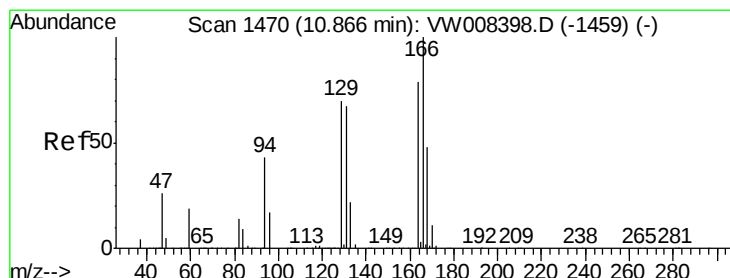
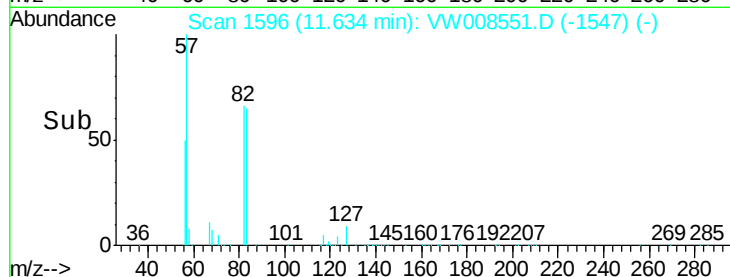
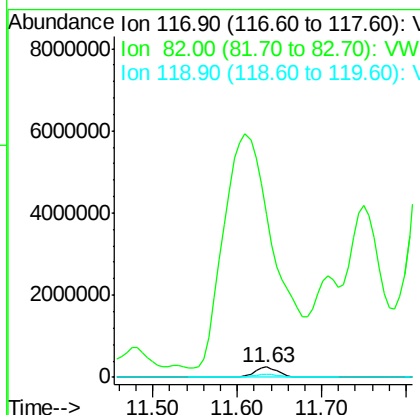
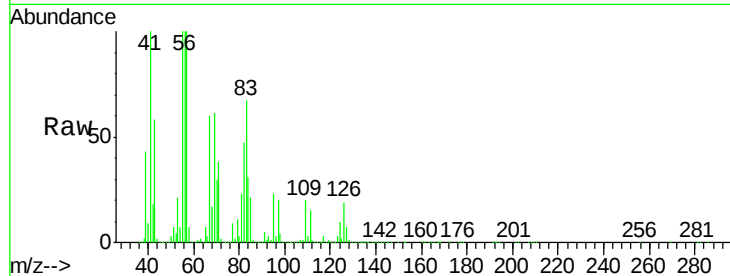
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008551.D
Acq: 07 Feb 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
SB-01(12-13)

Tot Ion	Ratio	Lower	Upper
117	100		
82	1498.8	45.4	68.0
119	33.6	26.2	39.4

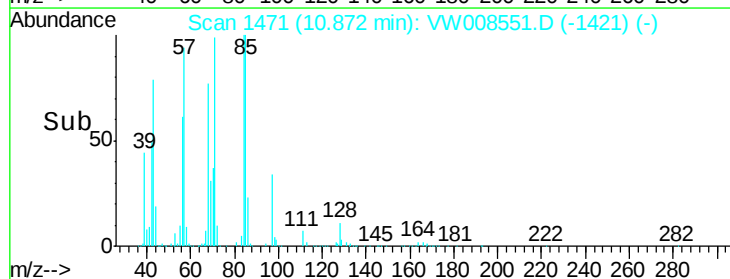
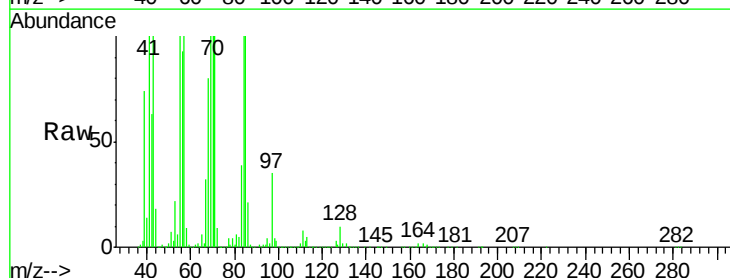
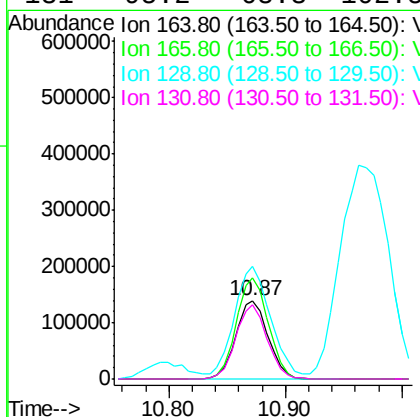
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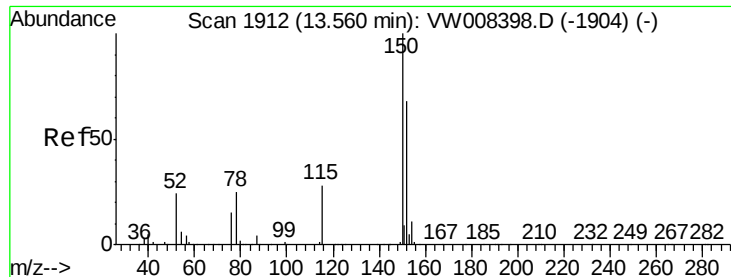
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#64
Tetrachloroethene
Concen: 82.512 ug/l
RT: 10.87 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VW008551.D
Acq: 07 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.4	152.0
129	134.2	71.0	106.6
131	95.2	68.3	102.5





#72

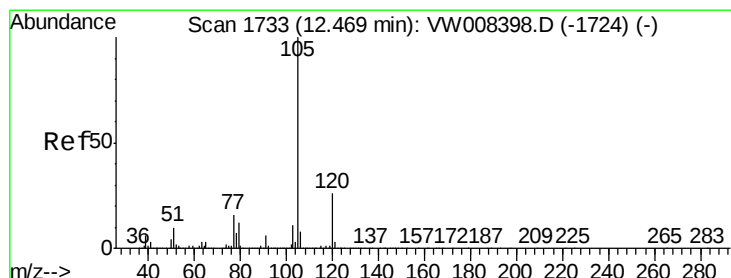
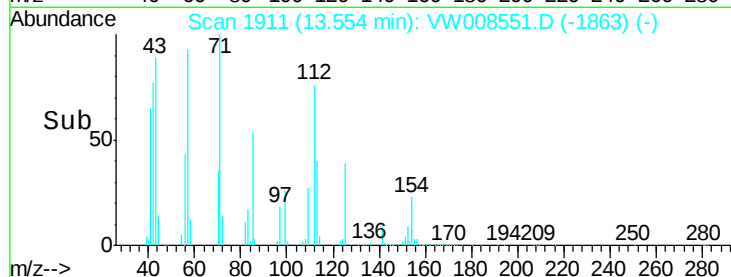
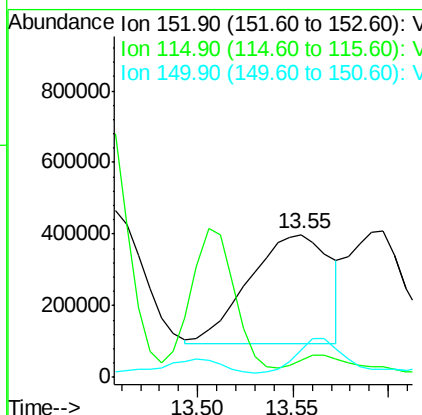
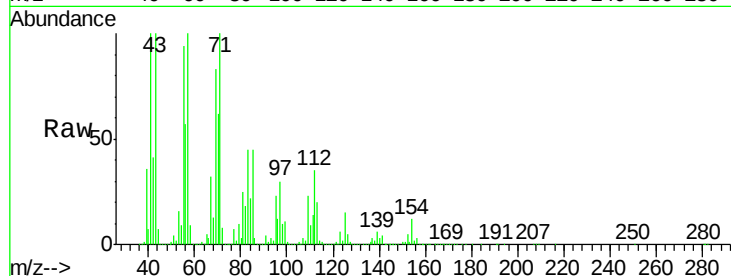
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW008551.D
Acq: 07 Feb 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
SB-01(12-13)

Tot Ion	Ratio	Lower	Upper
152	100		
115	119.7	29.9	89.7#
150	1.9	0.0	351.4

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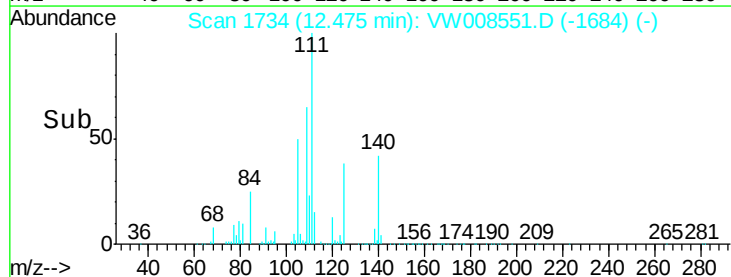
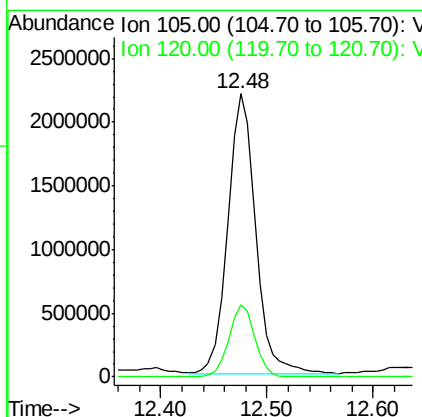
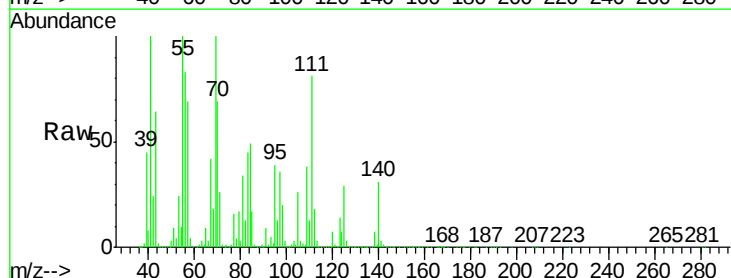
MMDadoda
2/11/2019 12:39:12 PM

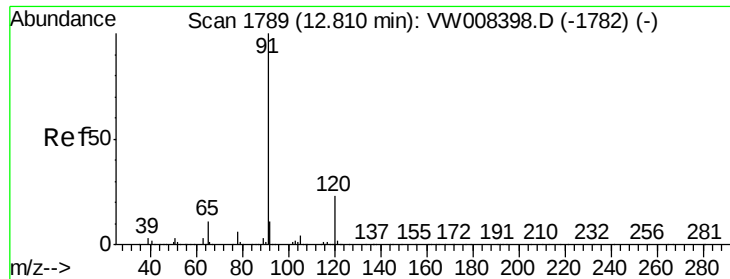


#73

Isopropylbenzene
Concen: 58.560 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW008551.D
Acq: 07 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.2	13.3	39.8





#78

n-propylbenzene

Concen: 254.260 ug/l m

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008551.D

Acq: 07 Feb 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01(12-13)

Tot Ion: 91 Resp:20892447

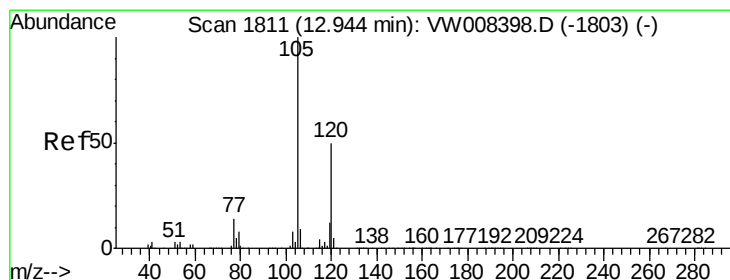
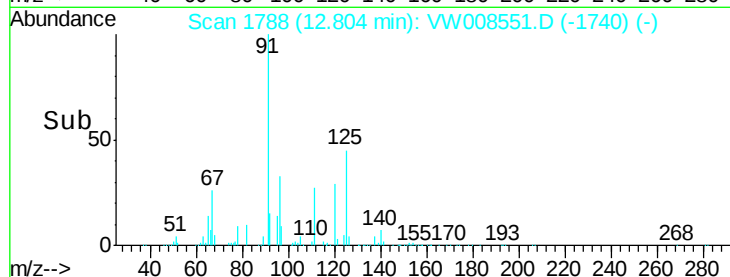
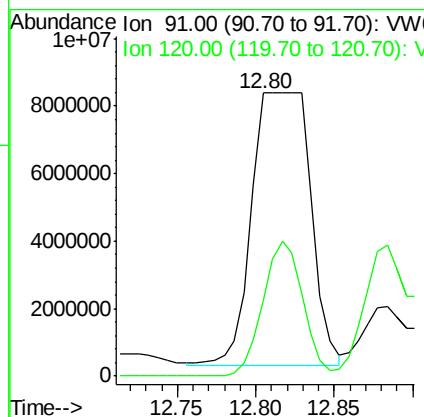
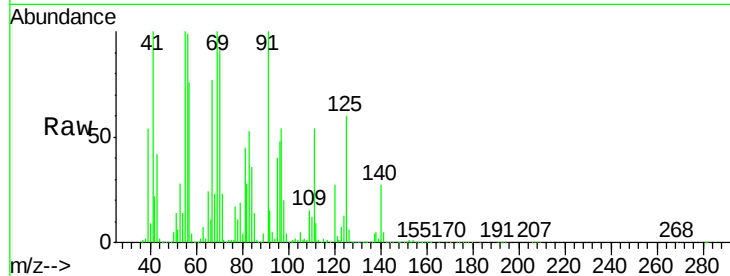
Ion Ratio Lower Upper

91 100

120 35.6 11.4 34.1#

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



#80

1,3,5-Trimethylbenzene

Concen: 255.709 ug/l m

RT: 12.91 min Scan# 1805

Delta R.T. -0.04 min

Lab File: VW008551.D

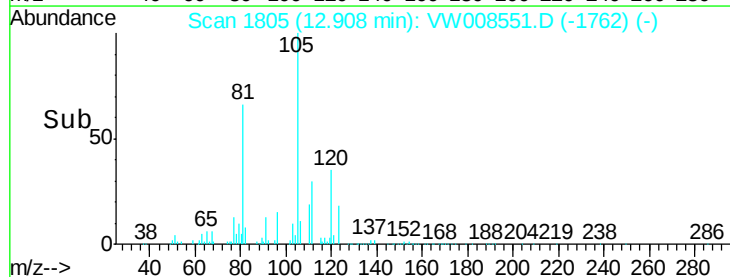
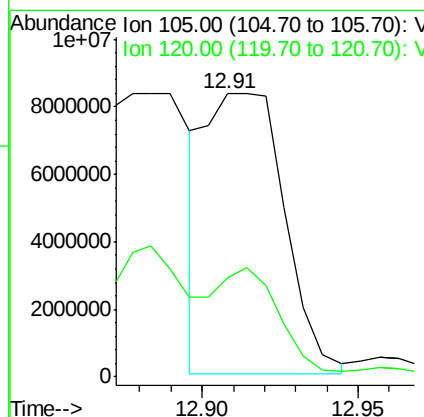
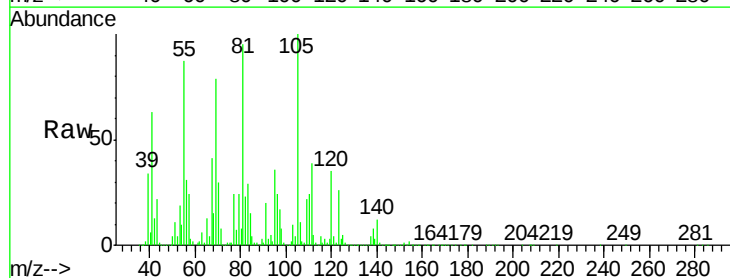
Acq: 07 Feb 2019 14:35

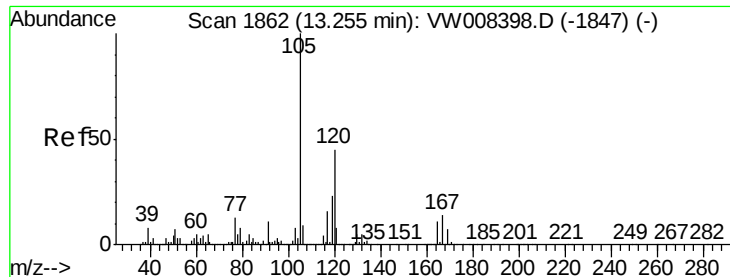
Tgt Ion:105 Resp:14622112

Ion Ratio Lower Upper

105 100

120 50.9 24.6 73.8





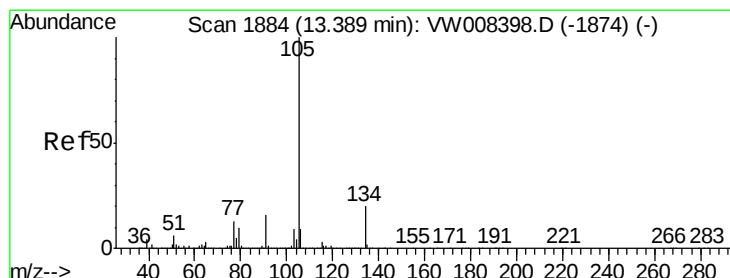
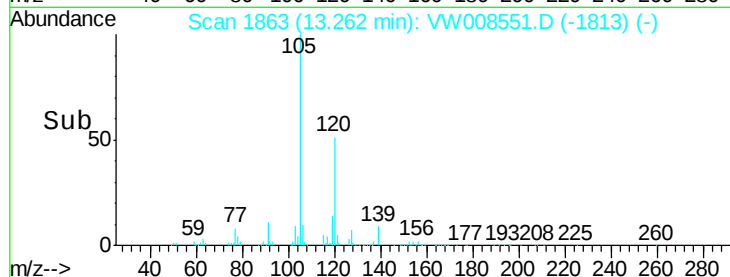
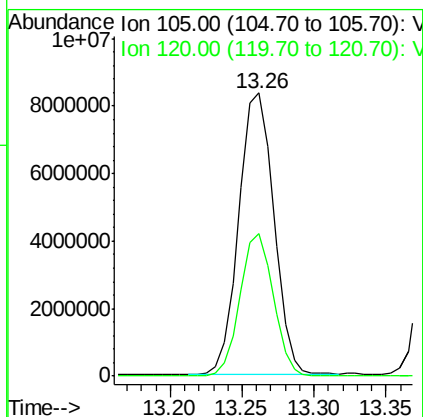
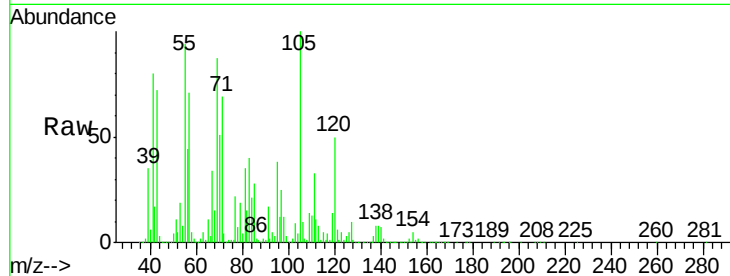
#84
1,2,4-Trimethylbenzene
Concen: 241.391 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW008551.D
Acq: 07 Feb 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
SB-01(12-13)

Tot Ion:105 Resp:14030064
Ion Ratio Lower Upper
105 100
120 48.4 23.1 69.2

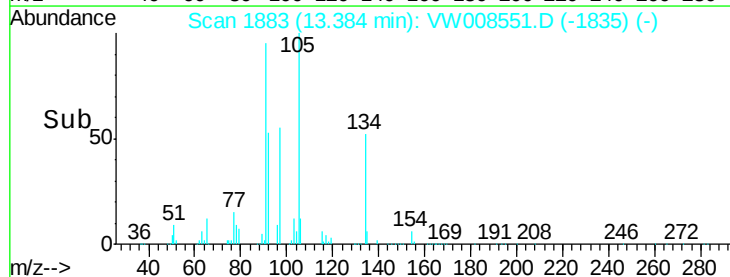
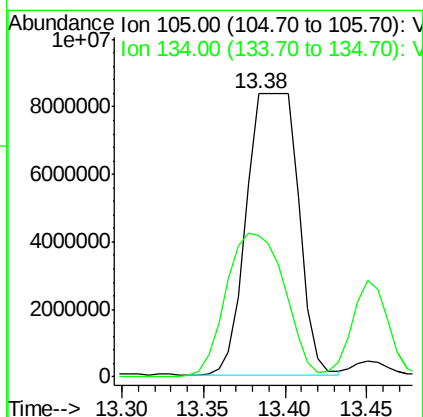
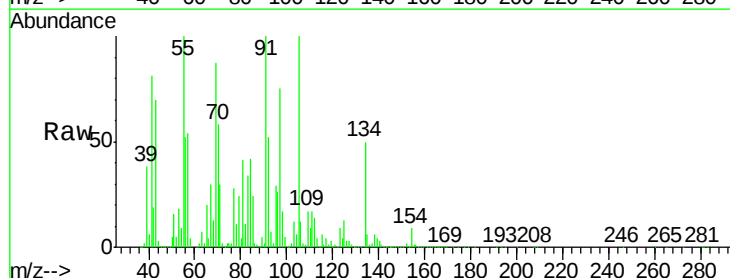
Manual Integrations
APPROVED

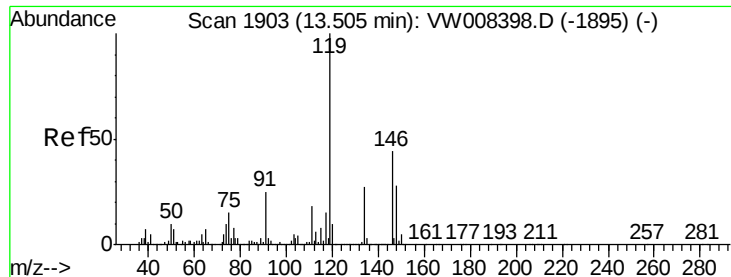
MMDadoda
2/11/2019 12:39:12 PM



#85
sec-Butylbenzene
Concen: 252.157 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VW008551.D
Acq: 07 Feb 2019 14:35

Tgt Ion:105 Resp:18324705
Ion Ratio Lower Upper
105 100
134 58.1 10.2 30.6#





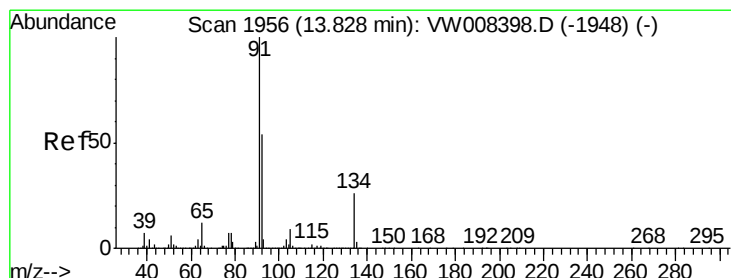
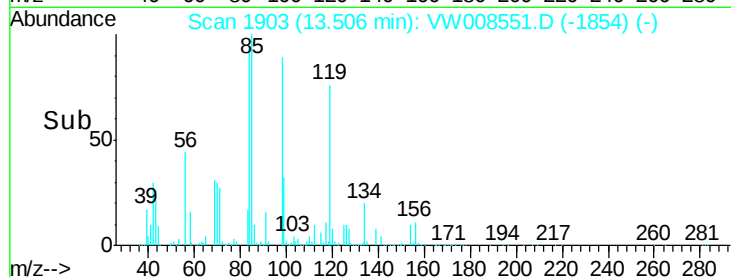
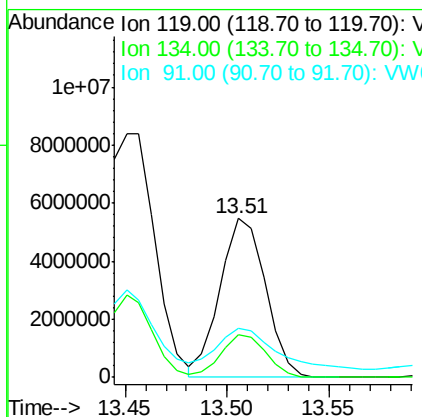
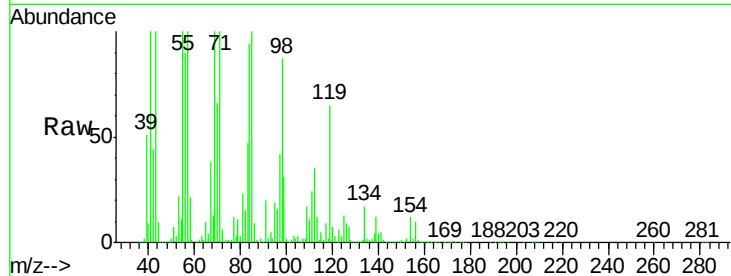
#86
p-Isopropyltoluene
Concen: 133.172 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW008551.D
Acq: 07 Feb 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
SB-01(12-13)

Tot Ion:119 Resp: 8477289
Ion Ratio Lower Upper
119 100
134 26.5 13.4 40.2
91 31.5 12.6 37.6

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 434.811 ug/l m
RT: 13.82 min Scan# 1954
Delta R.T. -0.01 min
Lab File: VW008551.D
Acq: 07 Feb 2019 14:35

Tgt Ion: 91 Resp:27176502
Ion Ratio Lower Upper
91 100
92 0.0 27.4 82.2#
134 8.9 13.0 39.0#

