

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008503.D
 Acq On : 04 Feb 2019 15:55
 Operator : SY/VA
 Sample : K1299-03
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0037-COMP-3

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 10:43:03 AM

Quant Time: Feb 05 03:47:15 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	353061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	583278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	522574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	246583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	198749	57.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.60%	
35) Dibromofluoromethane	7.88	113	181971	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	10.32	98	684622	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	252813	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	78077	100.240	ug/l	99
17) Carbon Disulfide	4.38	76	26300	2.548	ug/l	99
20) Methylene Chloride	4.92	84	8947m	2.492	ug/l	
25) 2-Butanone	7.17	43	35074	32.420	ug/l	100
39) Methylcyclohexane	9.33	83	14617	2.019	ug/l	95
52) Toluene	10.38	92	11590	1.148	ug/l	90
67) Ethyl Benzene	11.73	91	227461	11.600	ug/l	98
68) m/p-Xylenes	11.84	106	104553	13.742	ug/l	97
69) o-Xylene	12.16	106	98088	13.569	ug/l	99
73) Isopropylbenzene	12.47	105	132158	7.189	ug/l	99
78) n-propylbenzene	12.80	91	24198	1.096	ug/l #	53
80) 1,3,5-Trimethylbenzene	12.94	105	197083	12.826	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	454394	29.095	ug/l	100
86) p-Isopropyltoluene	13.50	119	109689	6.413	ug/l	97
95) Naphthalene	15.37	128	7420230	825.453	ug/l	99

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

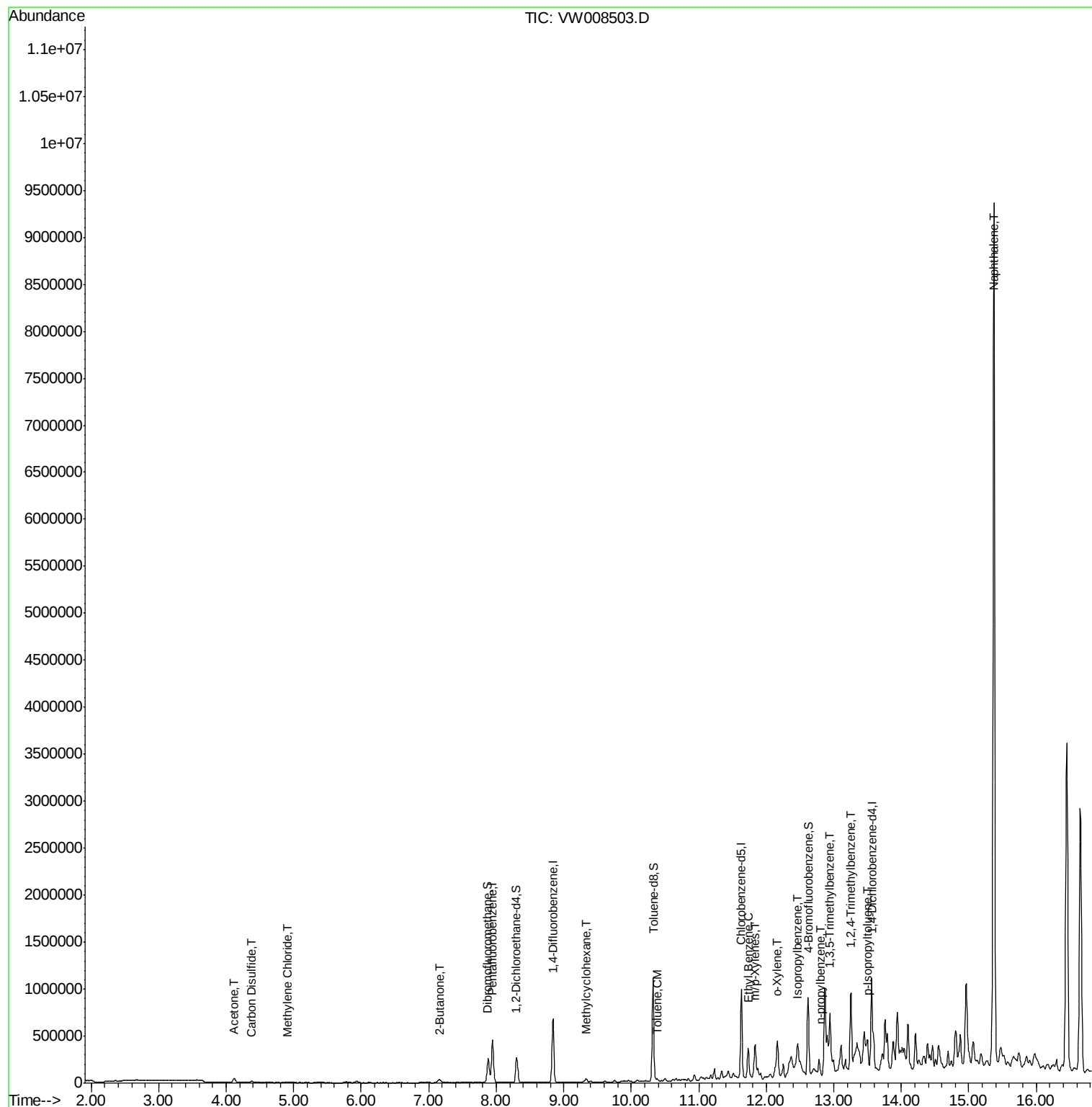
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008503.D
Acq On : 04 Feb 2019 15:55
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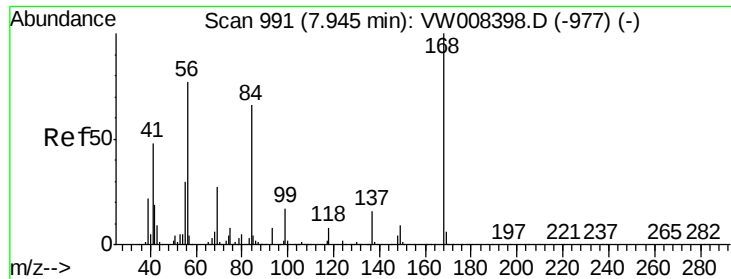
Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

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Quant Time: Feb 05 03:47:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

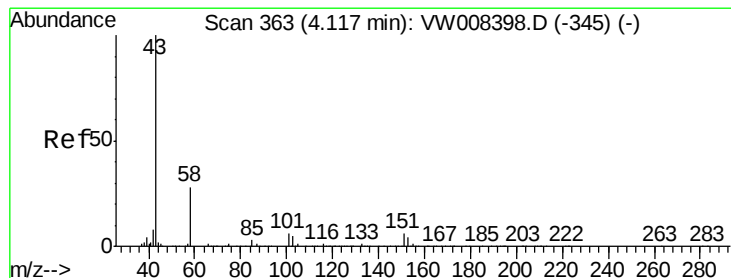
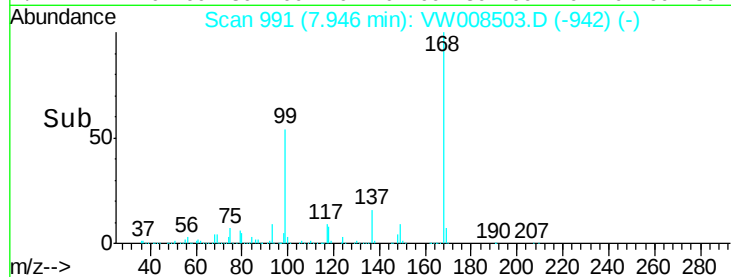
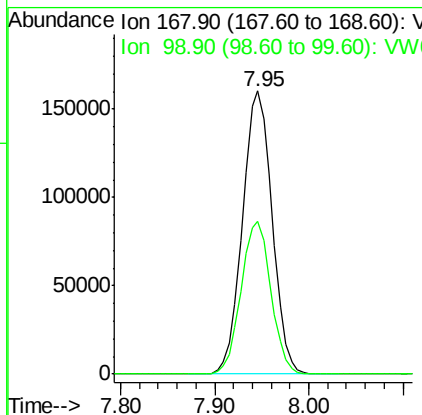
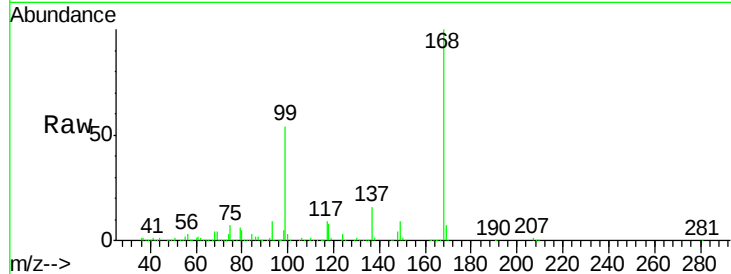
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 0037-COMP-3

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.5	68.3

Manual Integrations
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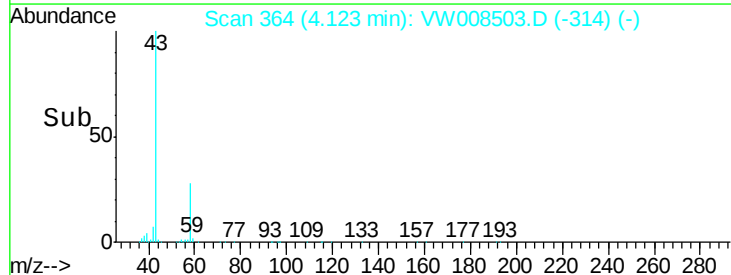
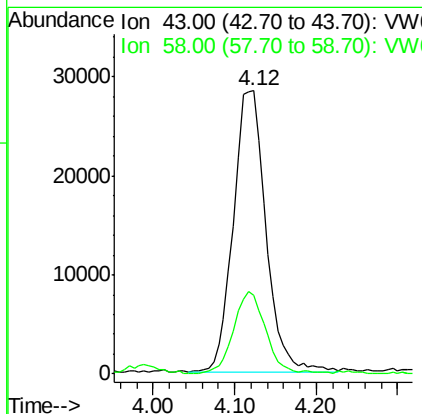
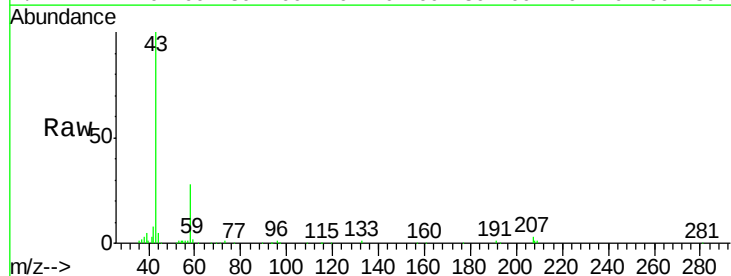
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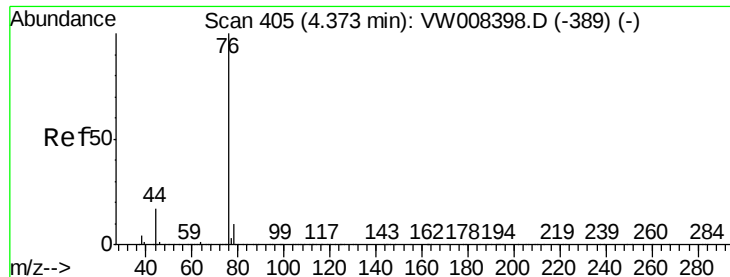


#16

Acetone
 Concen: 100.240 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.6	34.0





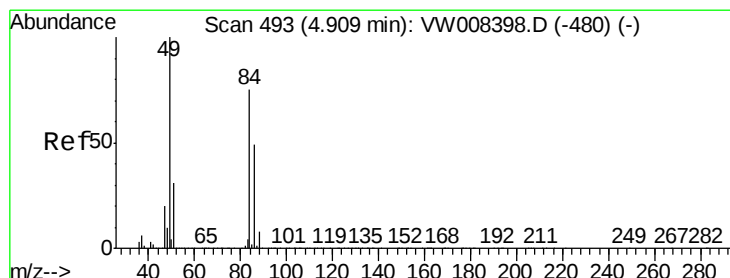
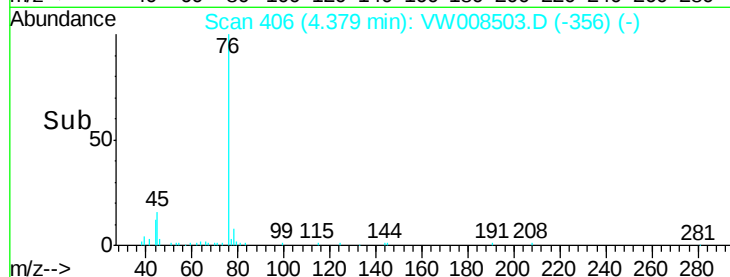
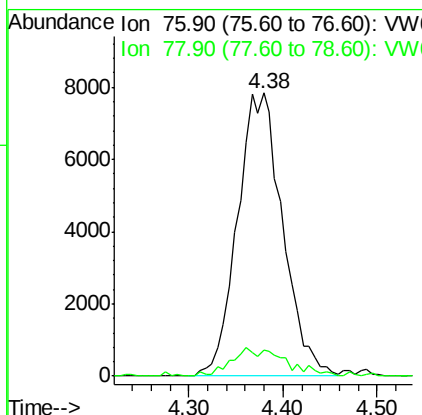
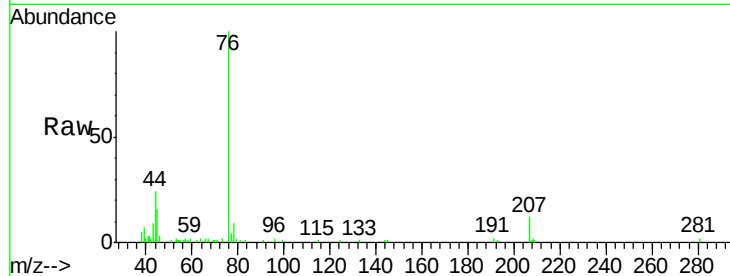
#17
Carbon Disulfide
Concen: 2.548 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.7	11.5

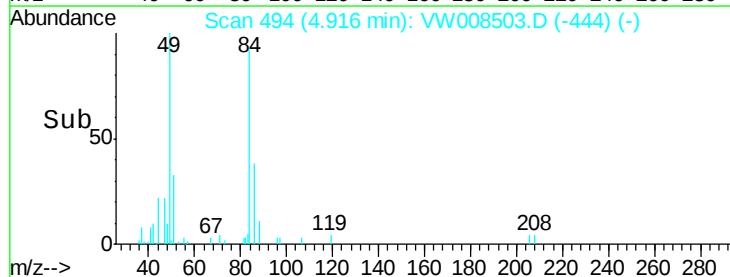
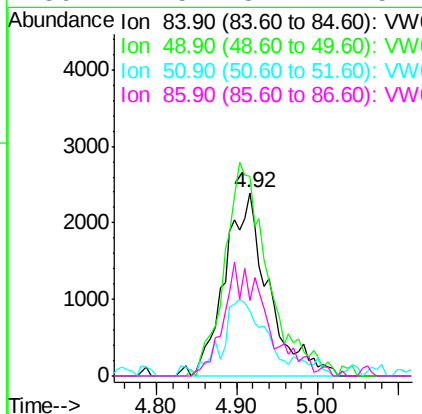
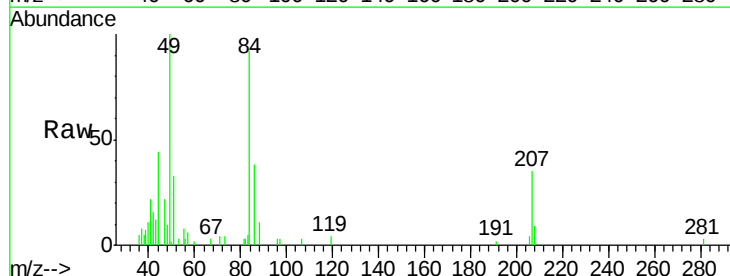
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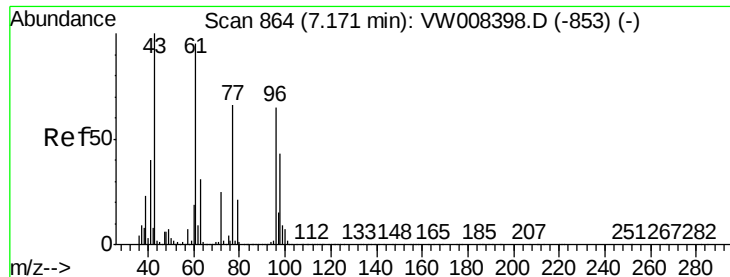
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#20
Methylene Chloride
Concen: 2.492 ug/l m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.0	106.8	160.2
51	35.6	32.9	49.3
86	41.5	52.2	78.2#





#25

2-Butanone

Concen: 32.420 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

0037-COMP-3

Tot Ion: 43 Resp: 35074

Ion Ratio Lower Upper

43 100

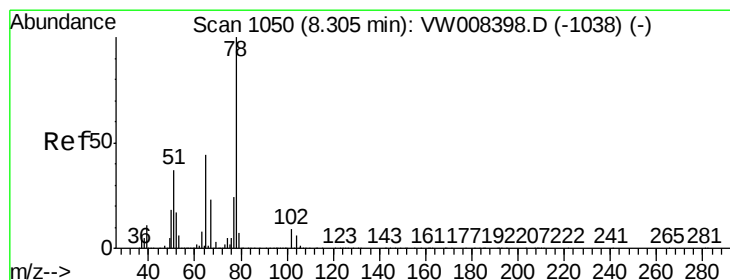
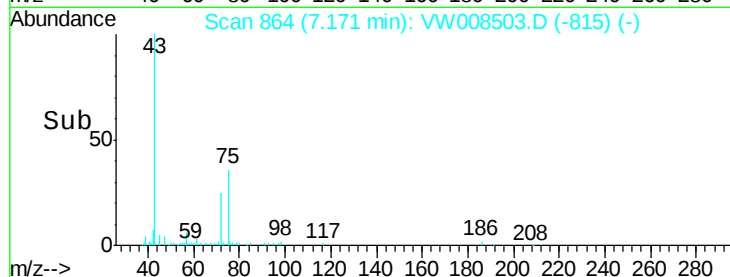
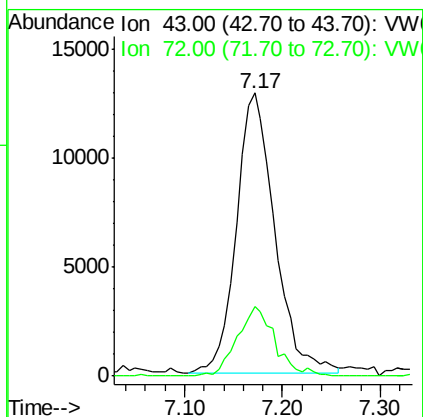
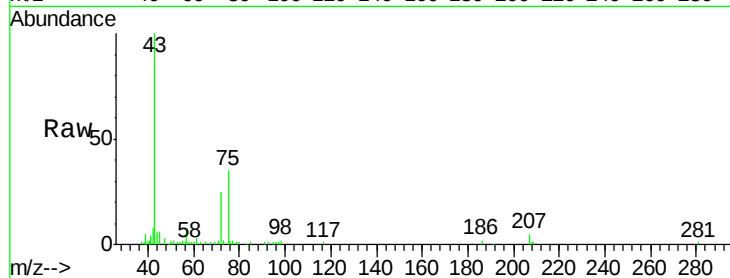
72 24.9 20.1 30.1

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#33

1,2-Dichloroethane-d4

Concen: 57.301 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008503.D

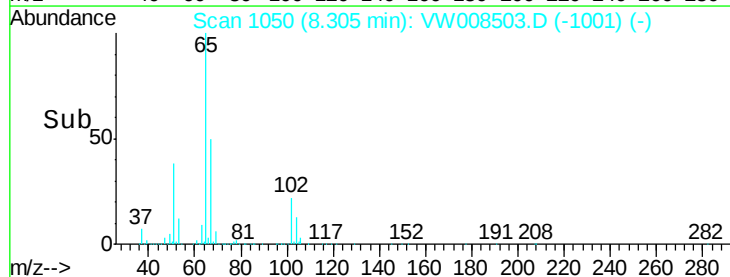
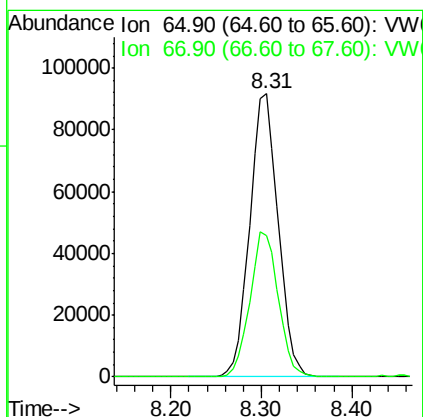
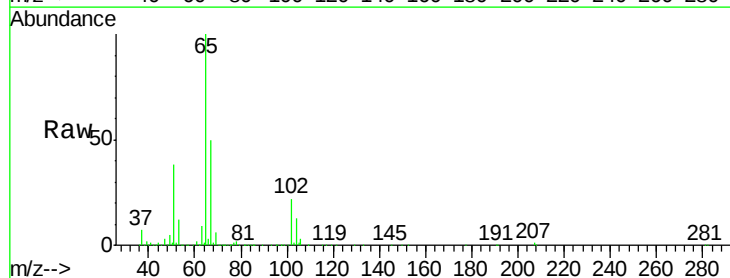
Acq: 04 Feb 2019 15:55

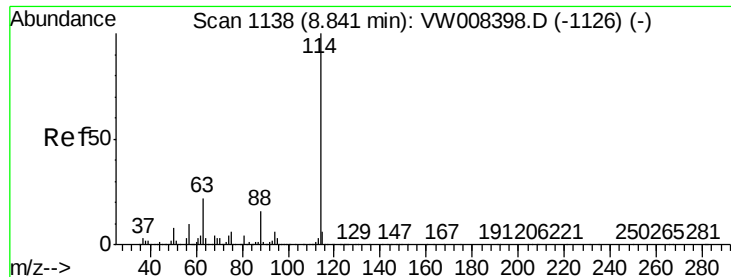
Tgt Ion: 65 Resp: 198749

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.0





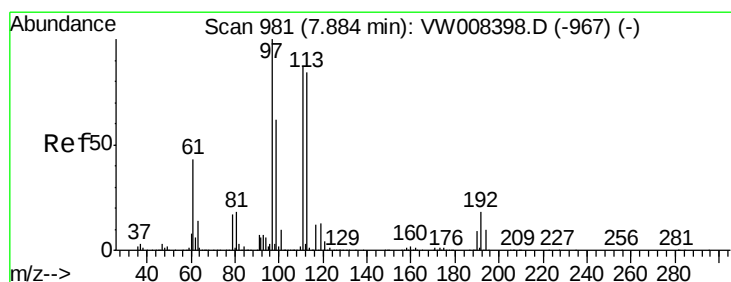
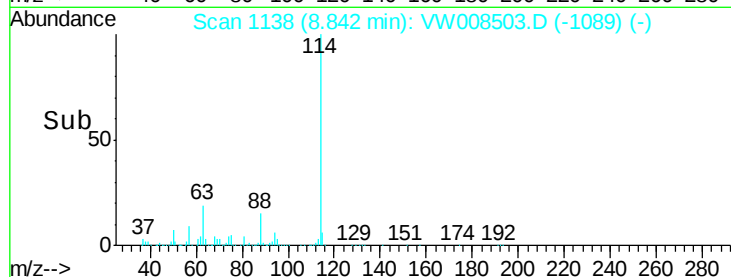
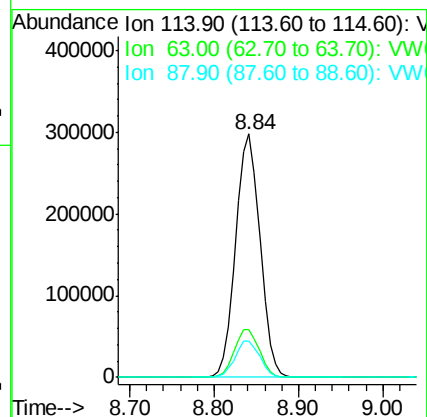
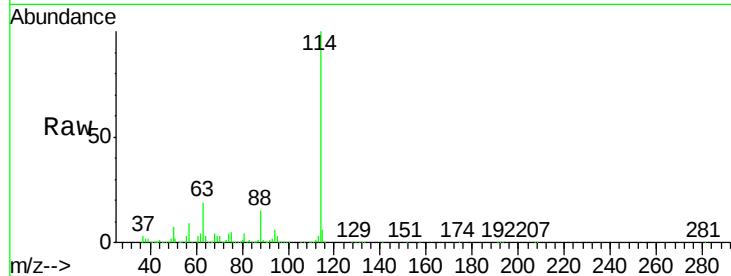
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.4	0.0	43.6
88	15.0	0.0	31.8

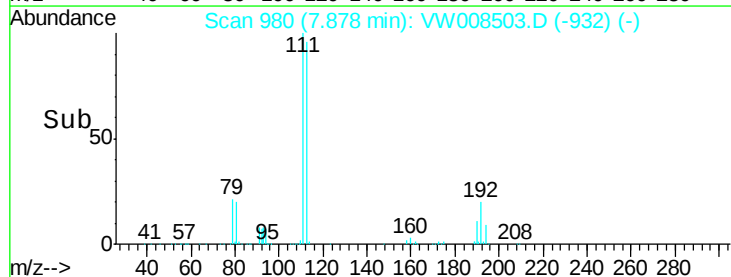
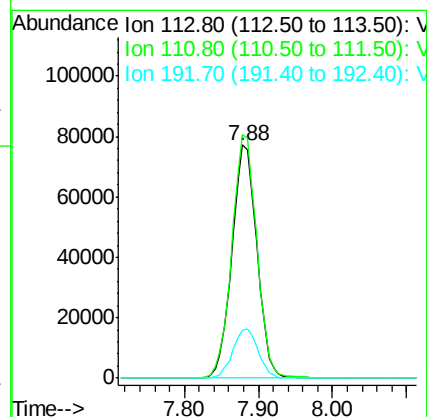
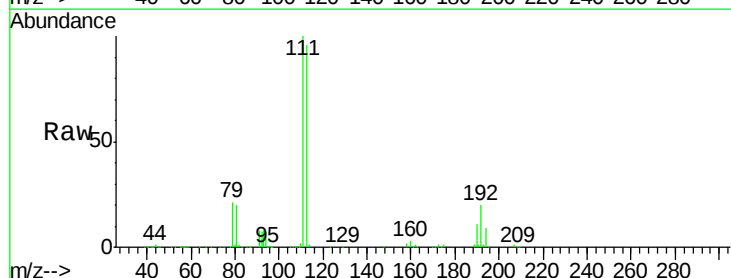
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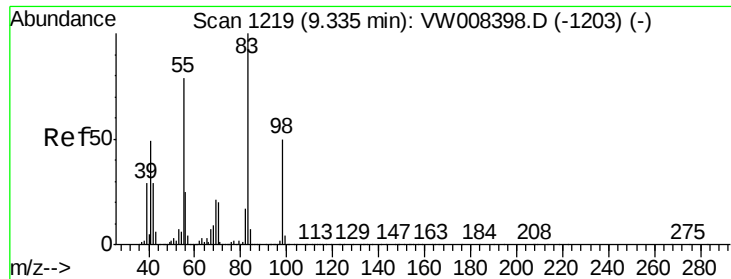
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#35
Dibromofluoromethane
Concen: 53.354 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.9	81.0	121.4
192	21.4	16.8	25.2





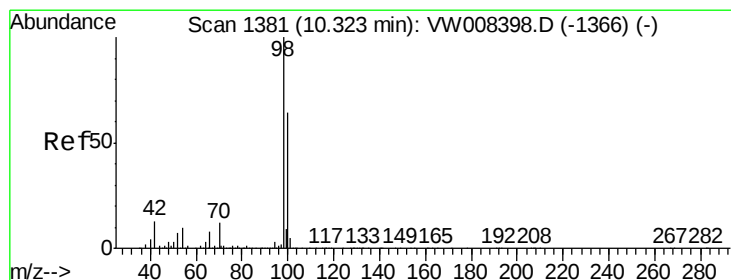
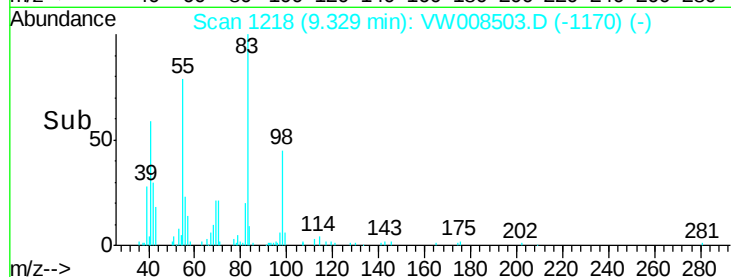
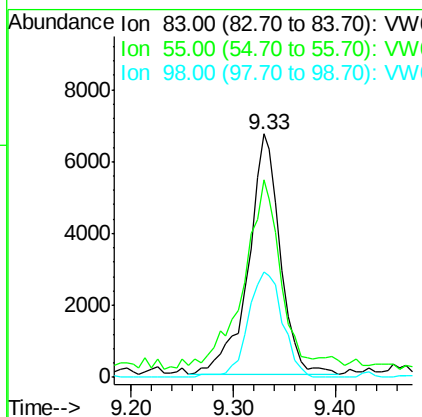
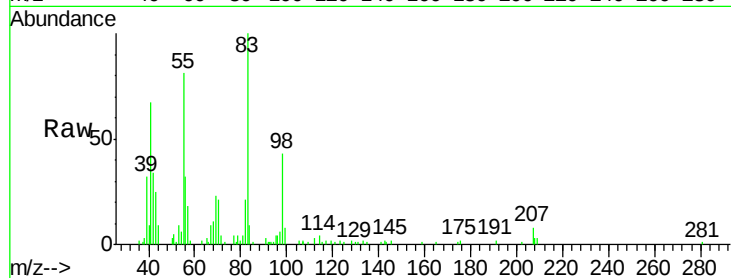
#39
Methvlcvclohexane
Concen: 2.019 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	63.3	94.9
98	43.9	39.7	59.5

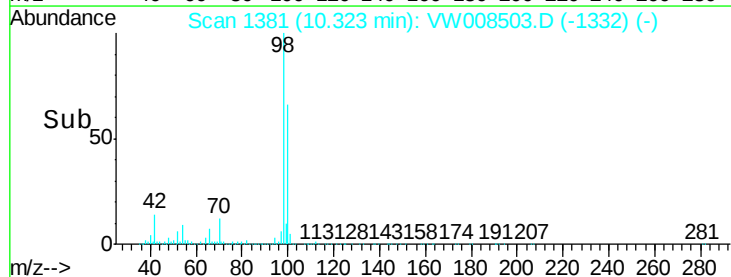
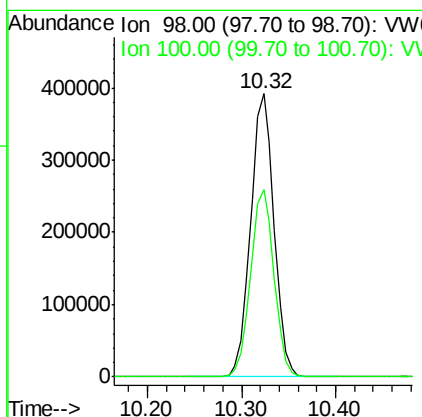
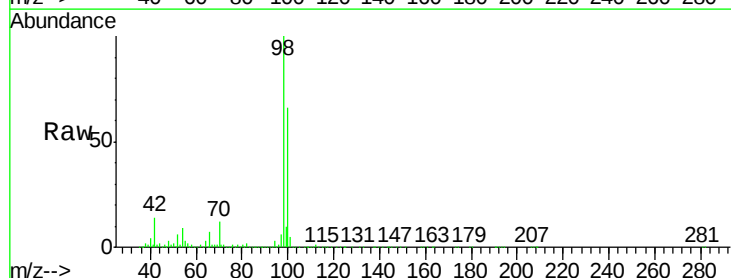
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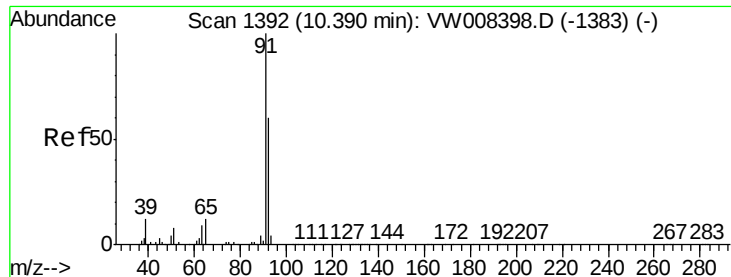
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2/5/2019 10:43:03 AM



#50
Toluene-d8
Concen: 50.057 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	78.8





#52

Toluene

Concen: 1.148 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

0037-COMP-3

Tot Ion: 92 Resp: 11590

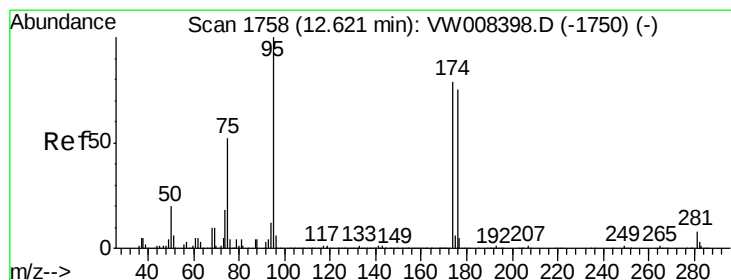
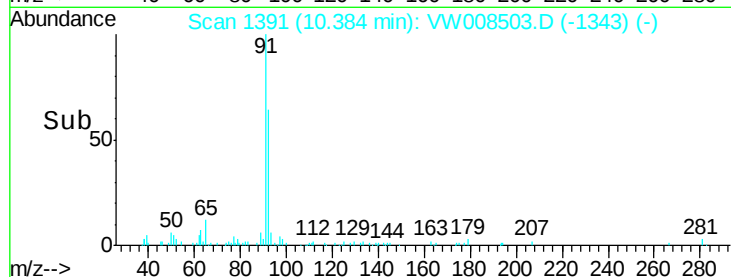
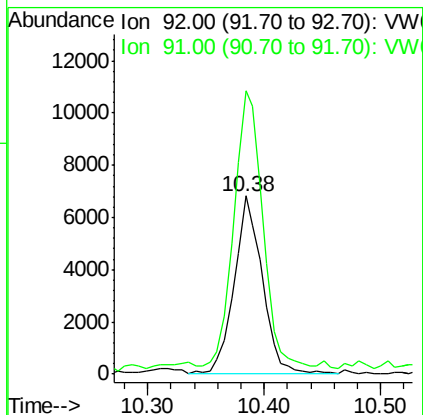
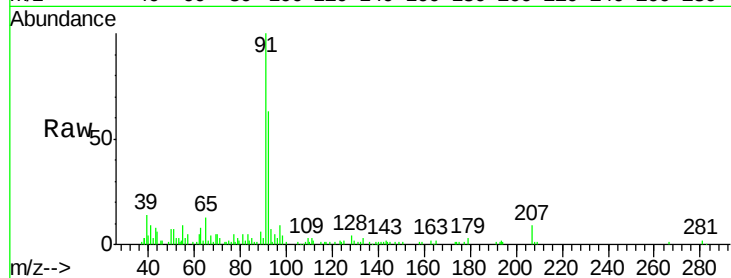
Ion Ratio Lower Upper

92 100

91 156.1 135.5 203.3

Manual Integrations
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2/5/2019 10:43:03 AM



#62

4-Bromofluorobenzene

Concen: 48.090 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

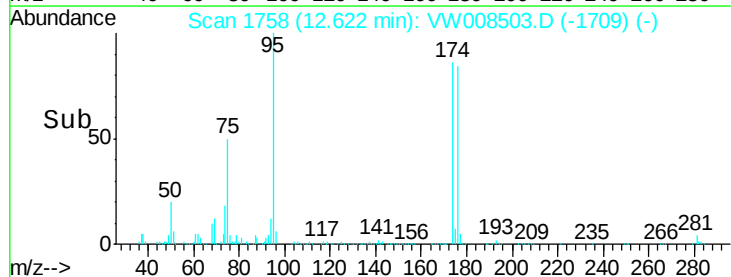
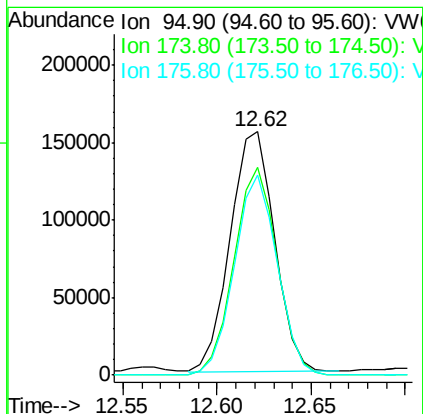
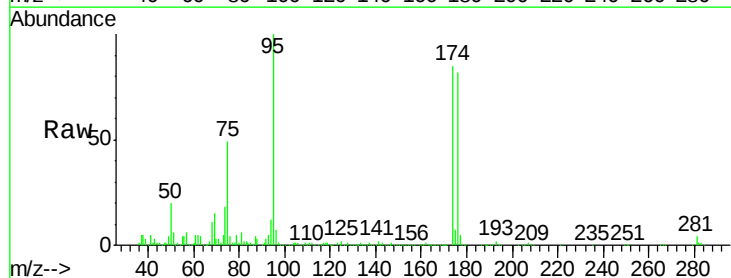
Tgt Ion: 95 Resp: 252813

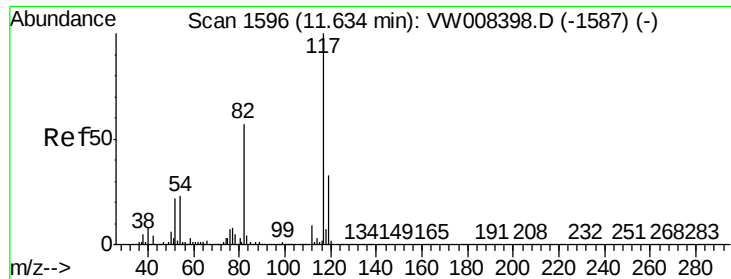
Ion Ratio Lower Upper

95 100

174 83.8 0.0 157.6

176 80.6 0.0 151.8





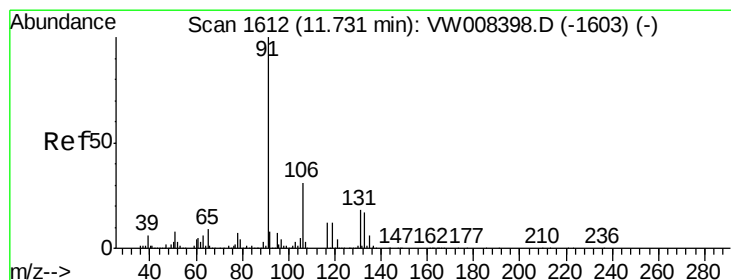
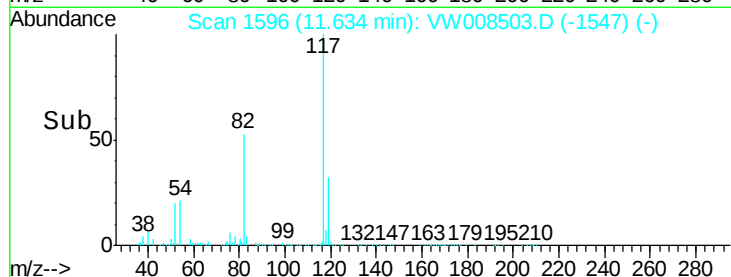
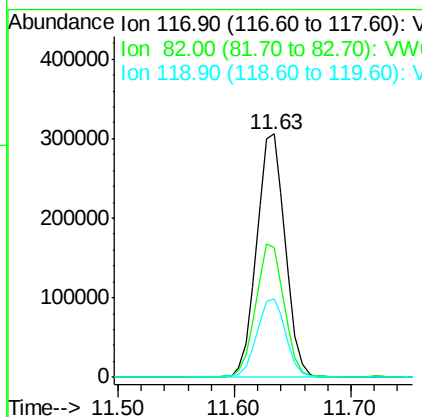
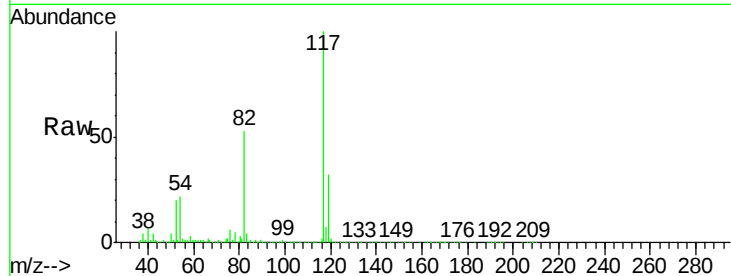
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.4	68.0
119	32.0	26.2	39.4

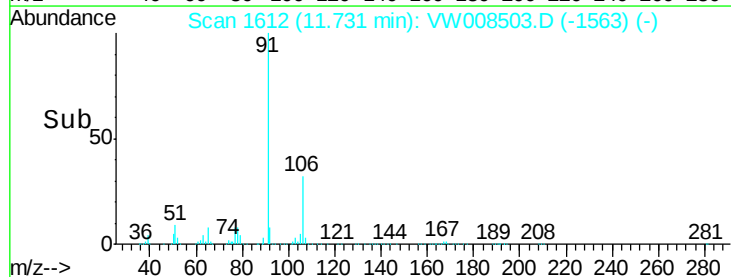
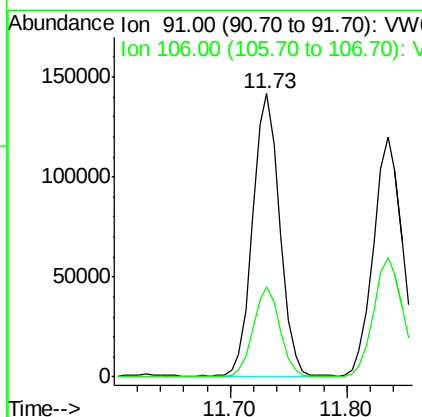
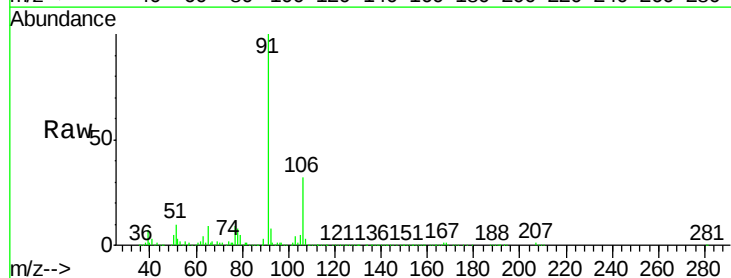
Manual Integrations
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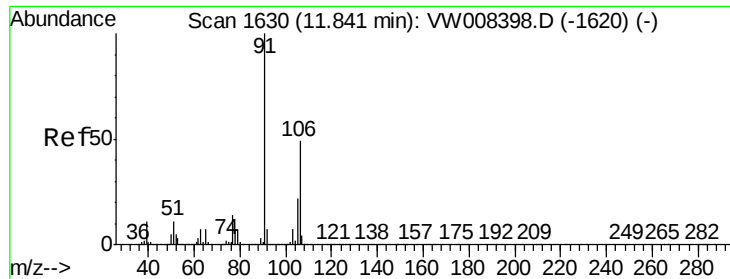
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2/5/2019 10:43:03 AM



#67
Ethyl Benzene
Concen: 11.600 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.7	37.1





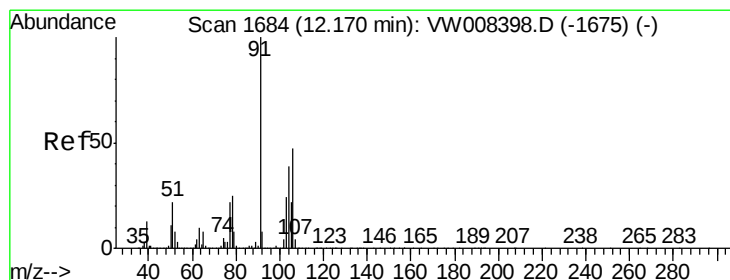
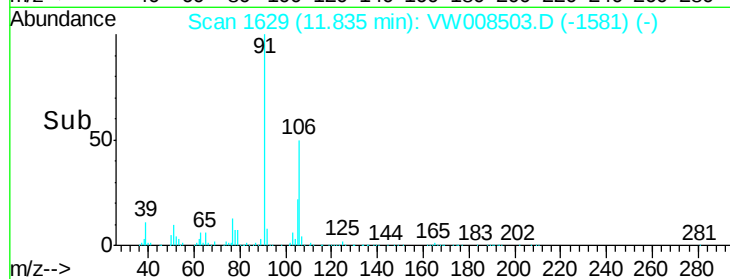
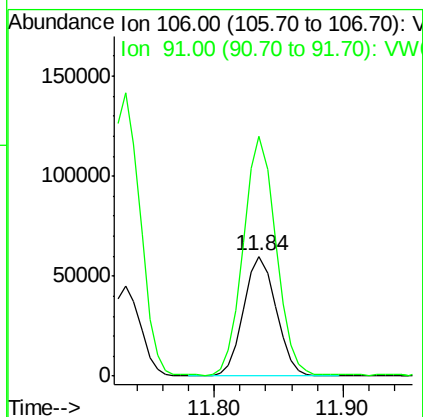
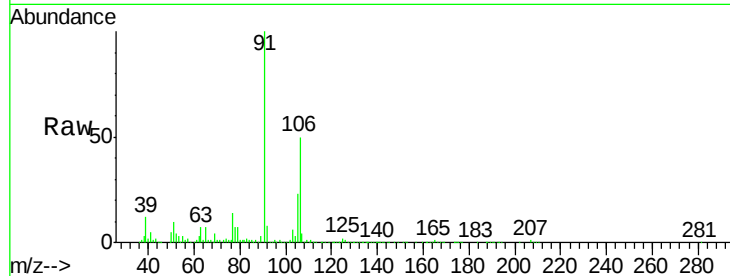
#68
m/p-Xvlenes
Concen: 13.742 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	199.1	162.9	244.3		

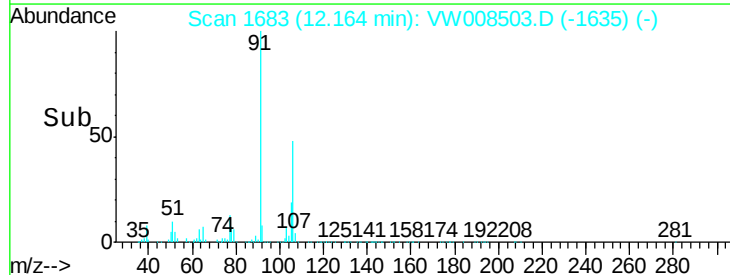
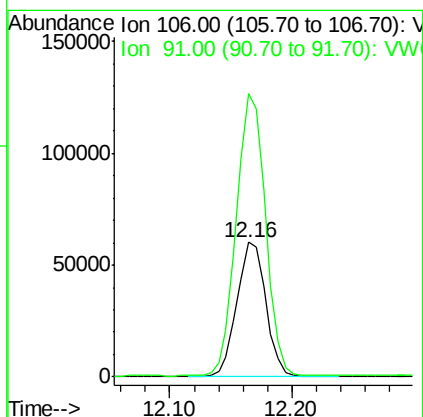
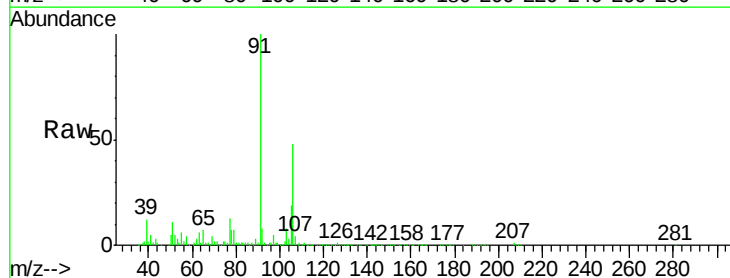
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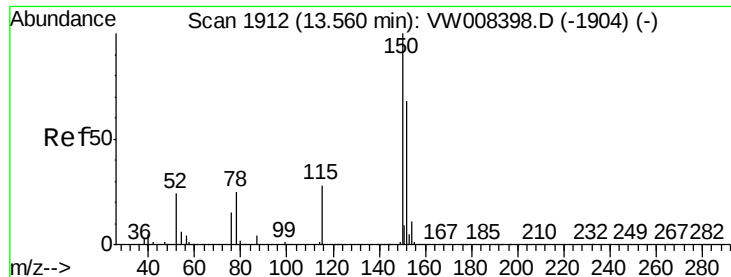
MMDadoda
2/5/2019 10:43:03 AM



#69
o-Xylene
Concen: 13.569 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	212.9	107.5	322.4		





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

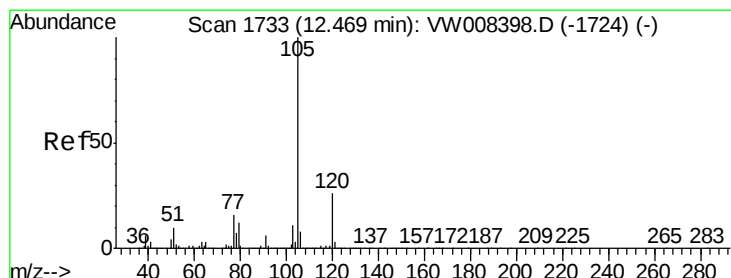
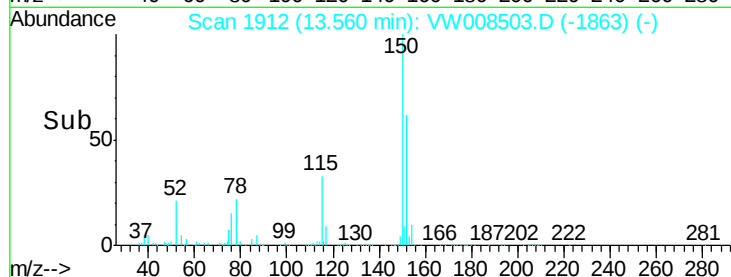
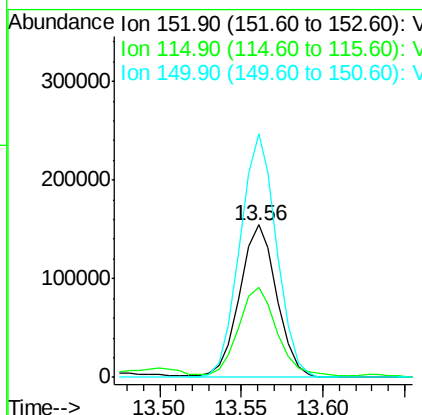
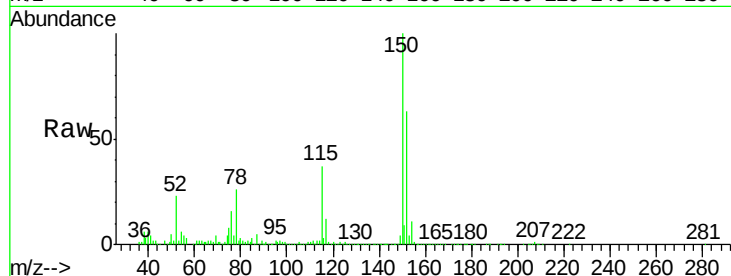
ClientSampleId :

0037-COMP-3

Tot Ion:	152	Resp:	246583
Ion Ratio	Lower	Upper	
152	100		
115	59.3	29.9	89.7
150	155.4	0.0	351.4

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#73

Isopropylbenzene

Concen: 7.189 ug/l

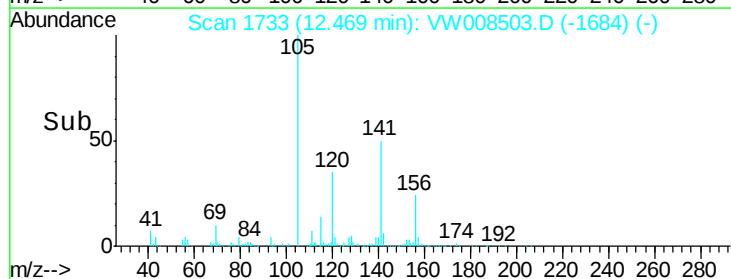
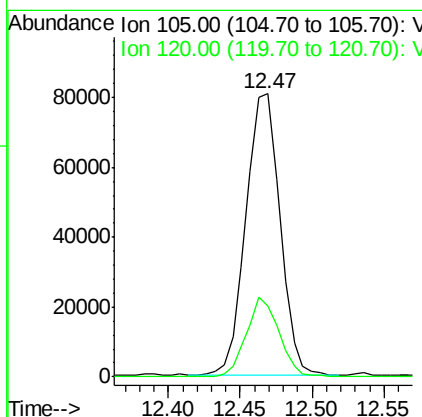
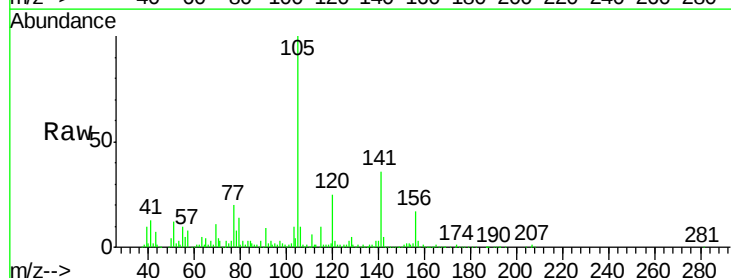
RT: 12.47 min Scan# 1733

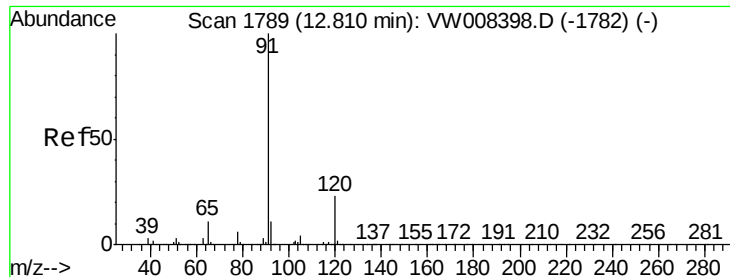
Delta R.T. 0.00 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Tgt Ion:	105	Resp:	132158
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.3	39.8





#78

n-propylbenzene

Concen: 1.096 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

0037-COMP-3

Tot Ion: 91 Resp: 24198

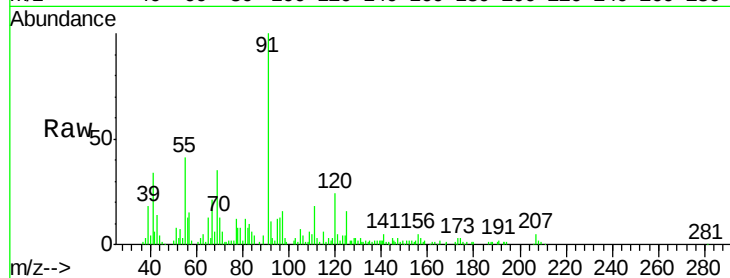
Ion Ratio Lower Upper

91 100

120 0.0 11.4 34.1#

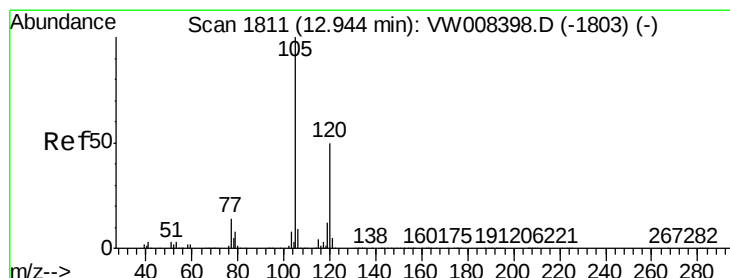
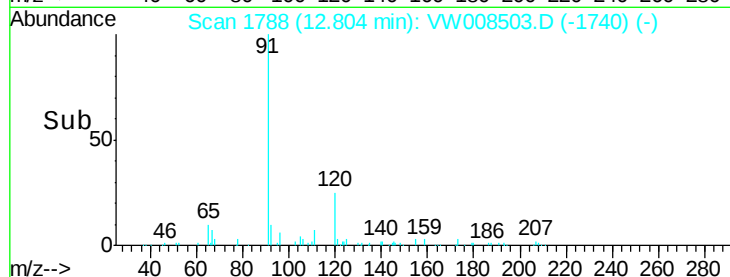
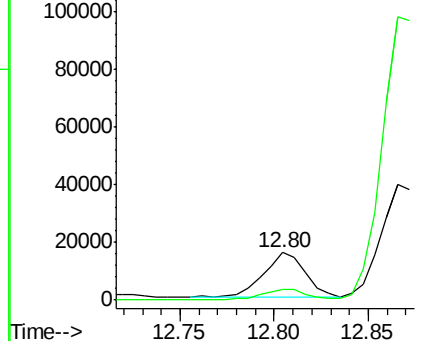
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 12.826 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008503.D

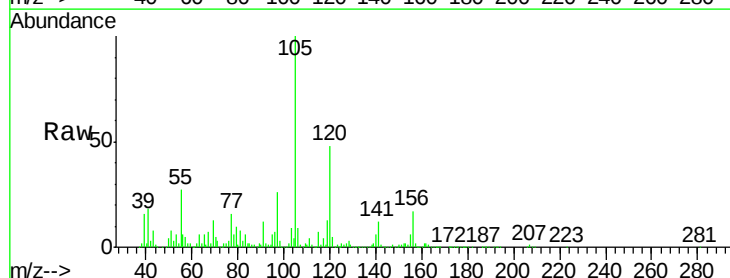
Acq: 04 Feb 2019 15:55

Tgt Ion: 105 Resp: 197083

Ion Ratio Lower Upper

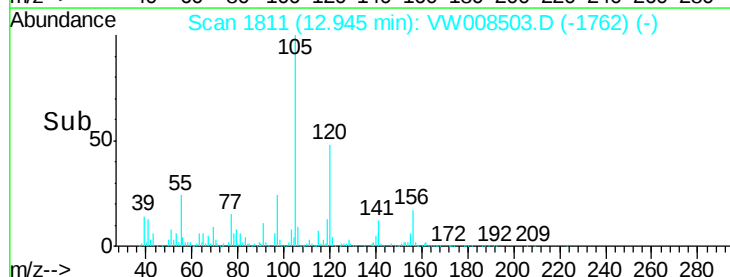
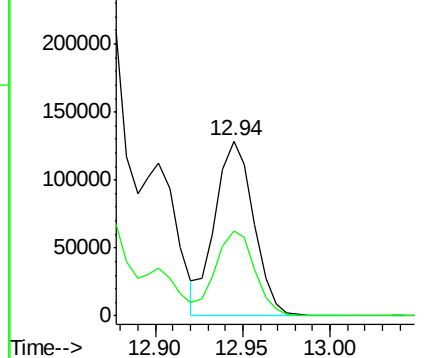
105 100

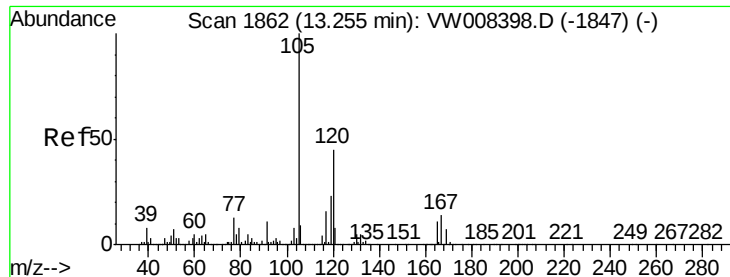
120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 29.095 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

0037-COMP-3

Tot Ion:105 Resp: 454394

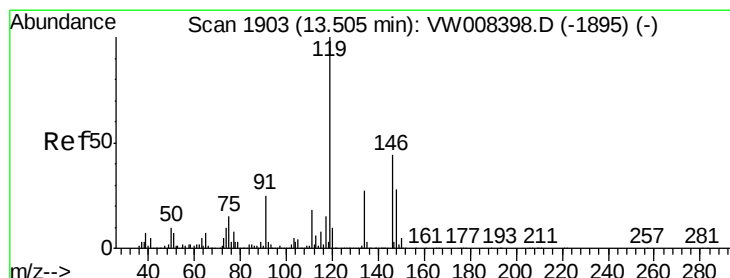
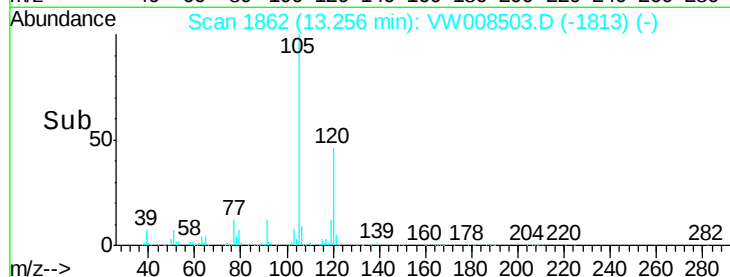
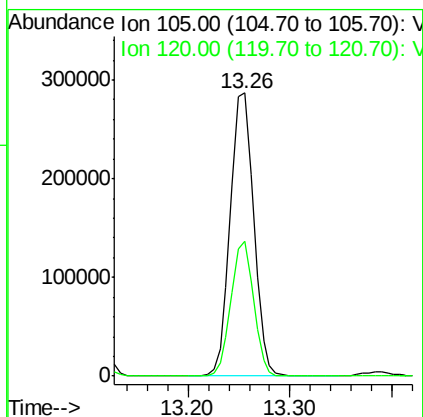
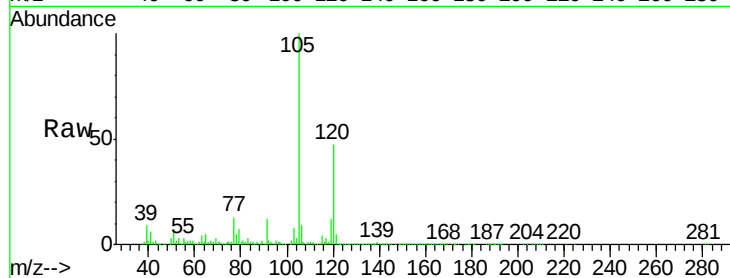
Ion Ratio Lower Upper

105 100

120 46.2 23.1 69.2

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#86

p-Isopropyltoluene

Concen: 6.413 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

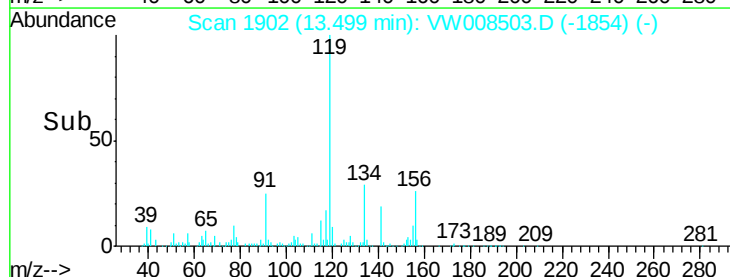
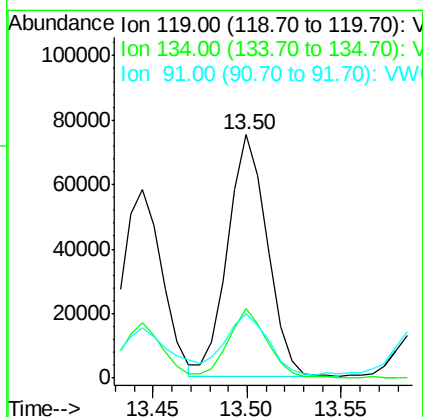
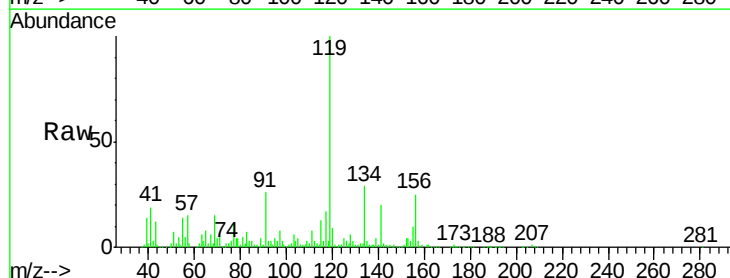
Tgt Ion:119 Resp: 109689

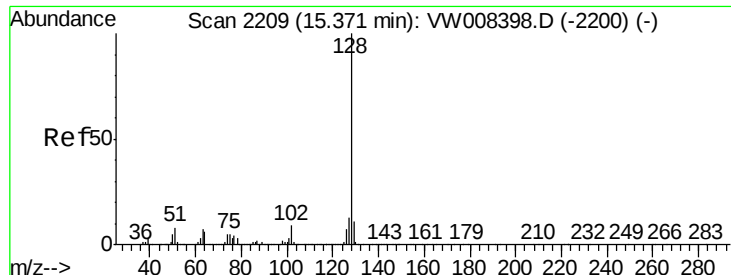
Ion Ratio Lower Upper

119 100

134 28.0 13.4 40.2

91 26.8 12.6 37.6





#95
Naphthalene
Concen: 825.453 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/5/2019 10:43:03 AM

