

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016859.D
 Acq On : 12 Jun 2020 04:20
 Operator : SY/MD
 Sample : L2915-04DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E08DL

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 3:36:46 PM

Quant Time: Jun 12 08:01:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362692	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157328	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107548	42.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.04%		
7) Chloroethane-d5	1.56	69	60246	39.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.46%		
11) 1,1-Dichloroethene-d2	2.12	63	147385	34.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.60%		
21) 2-Butanone-d5	3.90	46	167672	88.52	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.52%		
24) Chloroform-d	4.37	84	223905	43.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.06%		
26) 1,2-Dichloroethane-d4	5.05	65	165208	46.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.34%		
32) Benzene-d6	5.07	84	443515	44.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.92%		
36) 1,2-Dichloropropane-d6	6.09	67	136956	44.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.08%		
41) Toluene-d8	7.34	98	400168	44.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.40%		
43) trans-1,3-Dichloropropene-	7.64	79	66032	41.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.46%		
47) 2-Hexanone-d5	8.11	63	96198	71.75	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.75%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167861	41.23	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.46%		
64) 1,2-Dichlorobenzene-d4	11.65	152	159052	47.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.74%		

Target Compounds				Qvalue
29) Cyclohexane	4.70	56	2874m	0.676 ug/L
33) Benzene	5.12	78	1000223	98.780 ug/L 100
42) Toluene	7.41	91	29623	2.775 ug/L 94
52) Ethylbenzene	9.04	91	63018	5.330 ug/L 100
53) m,p-Xylene	9.16	106	5367	1.219 ug/L 95
54) o-xylene	9.57	106	5837	1.344 ug/L 86

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

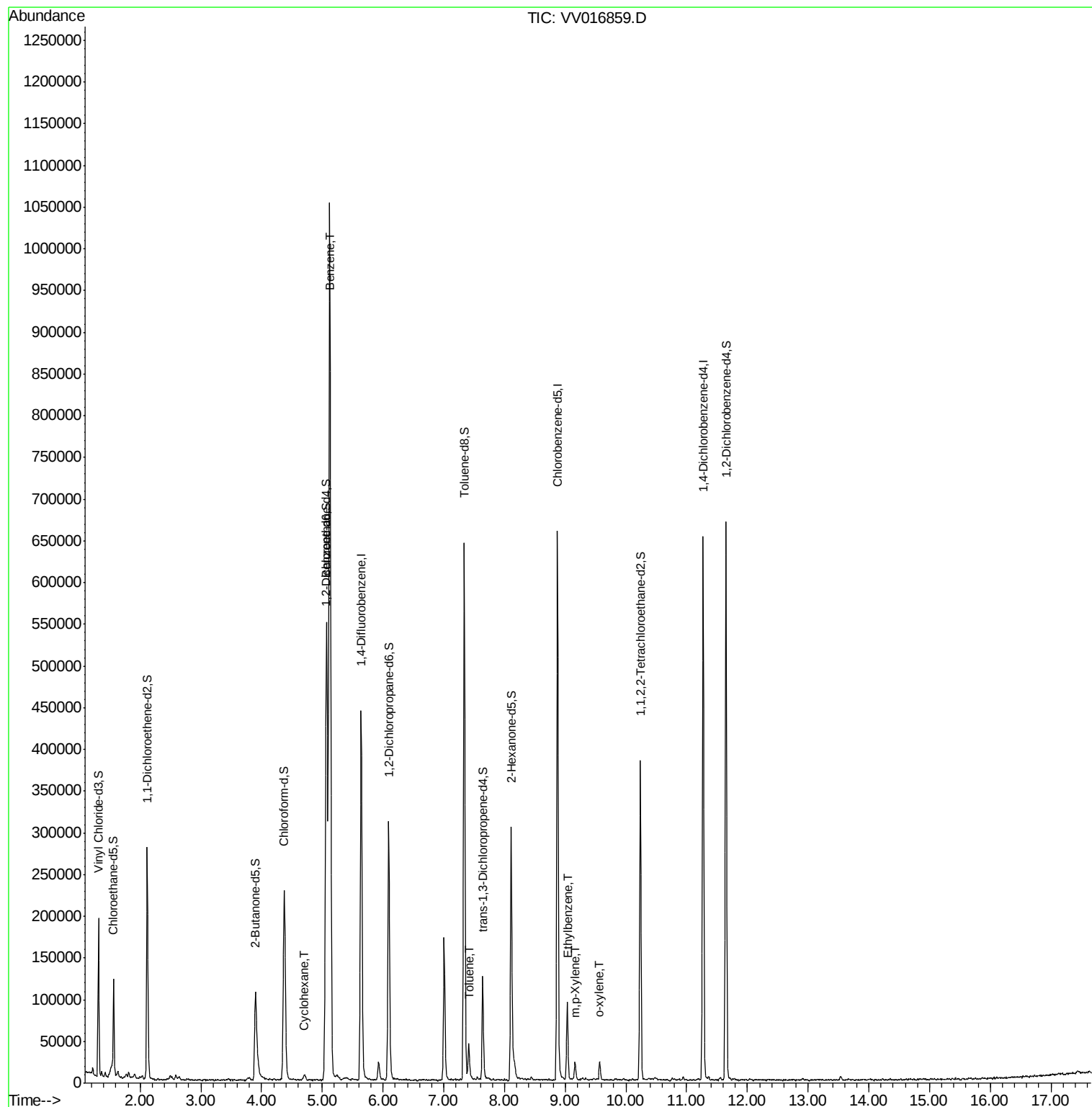
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016859.D
Acq On : 12 Jun 2020 04:20
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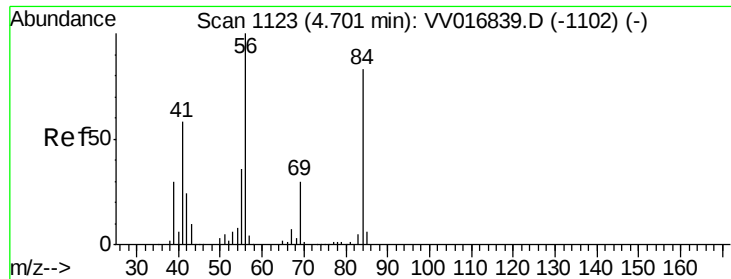
Instrument :
MSVOA_V
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F9E08DL

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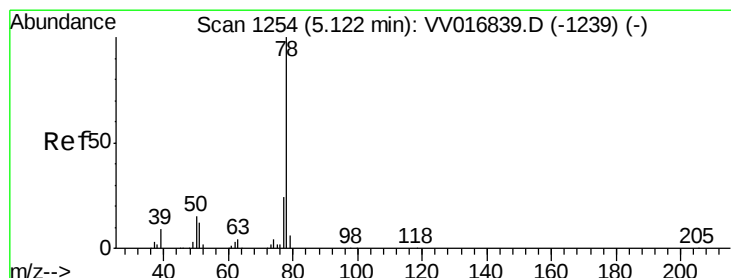
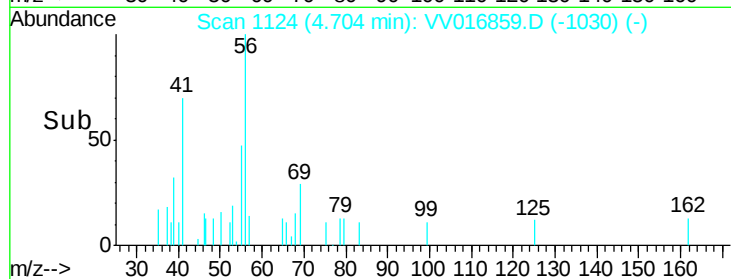
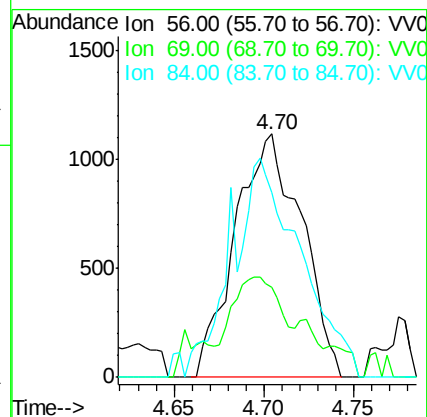
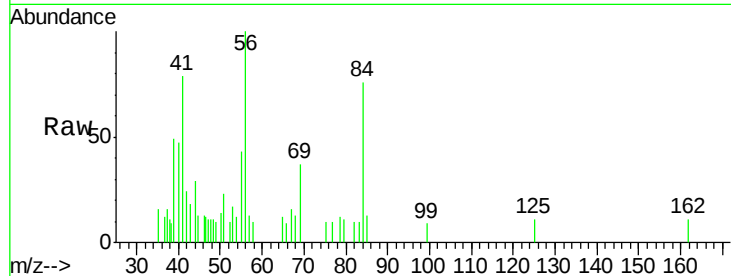
#29
Cyclohexane
Concen: 0.676 ug/L m
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016859.D
Acq: 12 Jun 2020 04:20

Instrument :
MSVOA_V
ClientSampleId :
F9E08DL

Tgt Ion	Ratio	Lower	Upper
56	100		
69	25.6	25.0	37.4
84	22.1	69.5	104.3#

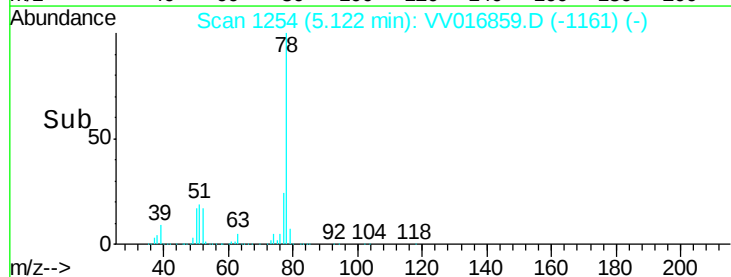
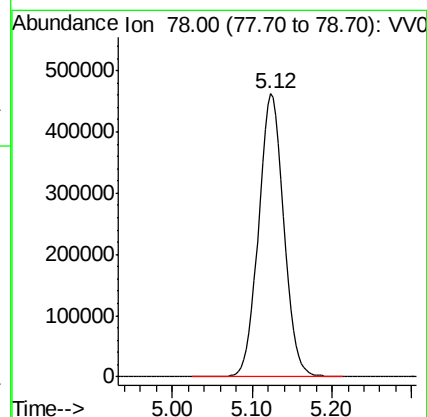
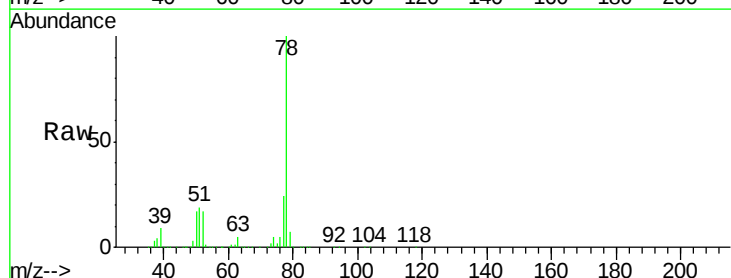
Manual Integrations
APPROVED

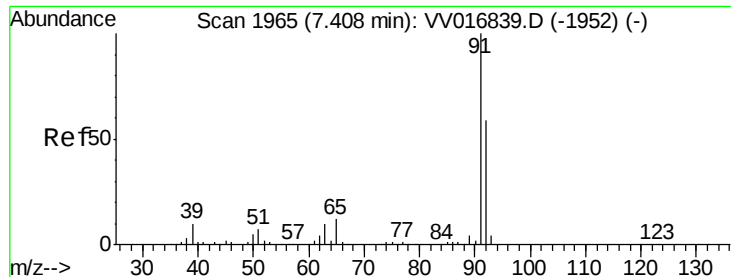
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#33
Benzene
Concen: 98.780 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016859.D
Acq: 12 Jun 2020 04:20

Tgt Ion: 78 Resp: 1000223





#42

Toluene

Concen: 2.775 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016859.D

Acq: 12 Jun 2020 04:20

Instrument :

MSVOA_V

ClientSampleId :

F9E08DL

Tgt Ion: 91 Resp: 29623

Ion Ratio Lower Upper

91 100

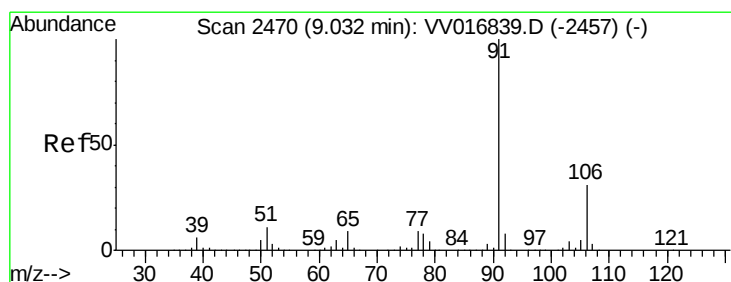
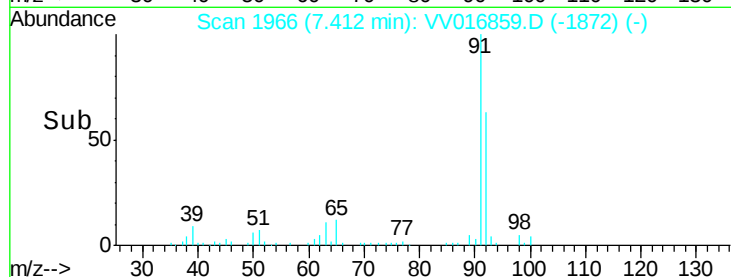
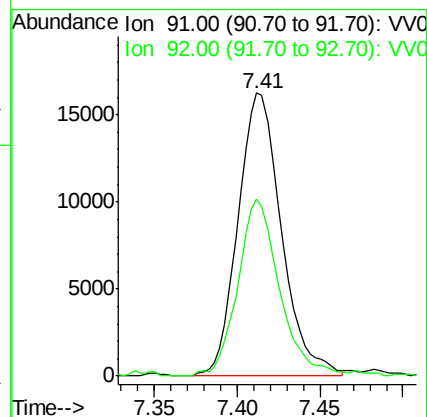
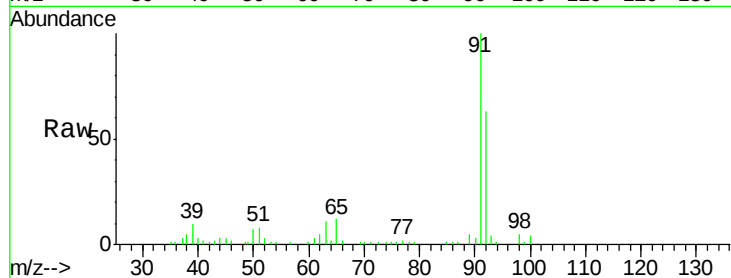
92 62.5 40.4 75.0

Manual Integrations

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#52

Ethylbenzene

Concen: 5.330 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016859.D

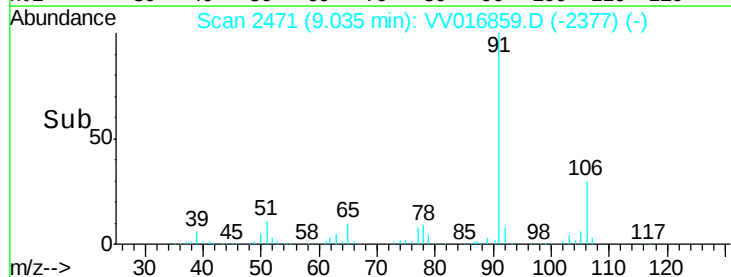
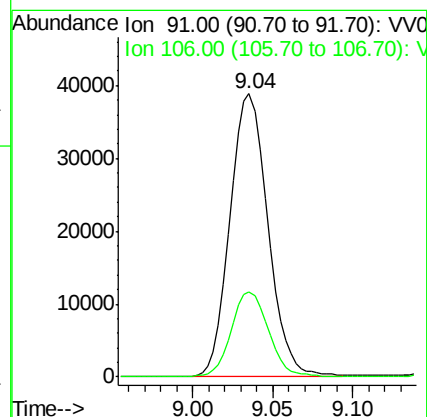
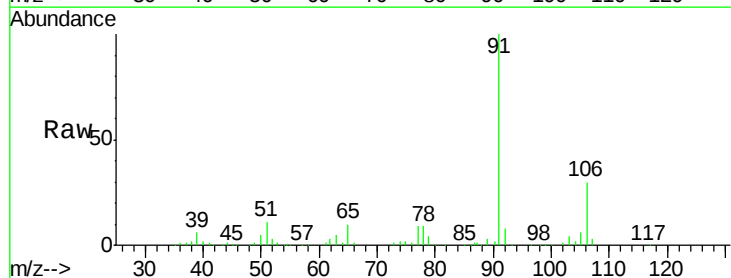
Acq: 12 Jun 2020 04:20

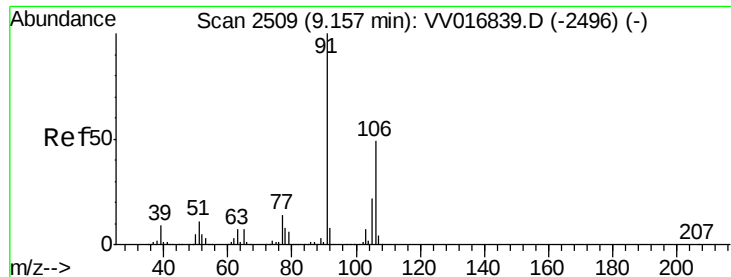
Tgt Ion: 91 Resp: 63018

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.1





#53

m,p-Xylene

Concen: 1.219 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016859.D

Acq: 12 Jun 2020 04:20

Instrument :

MSVOA_V

ClientSampled :

F9E08DL

Tgt Ion:106 Resp: 5367

Ion Ratio Lower Upper

106 100

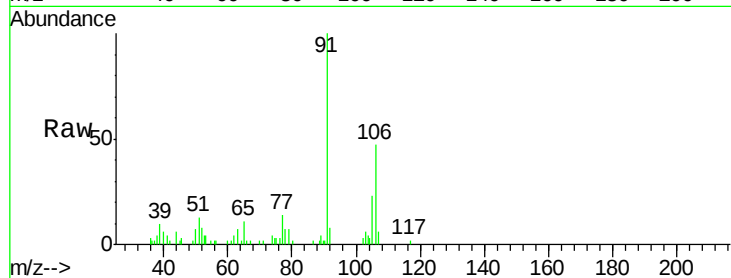
91 214.2 144.6 268.6

Manual Integrations

APPROVED

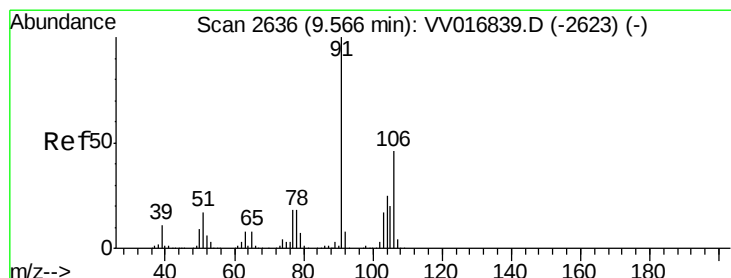
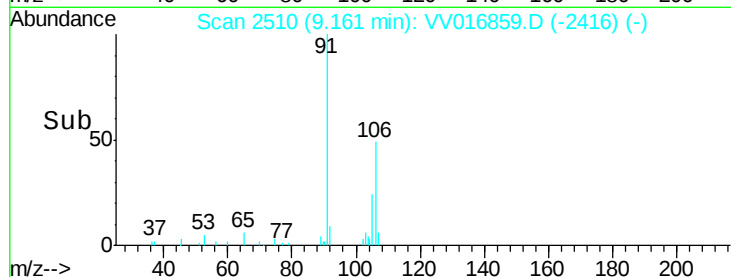
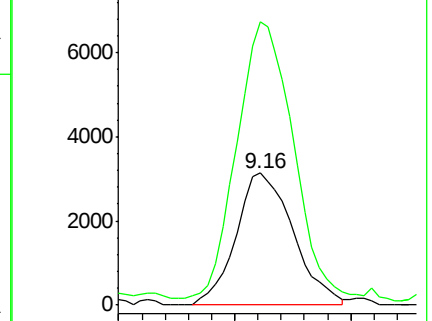
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 1.344 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016859.D

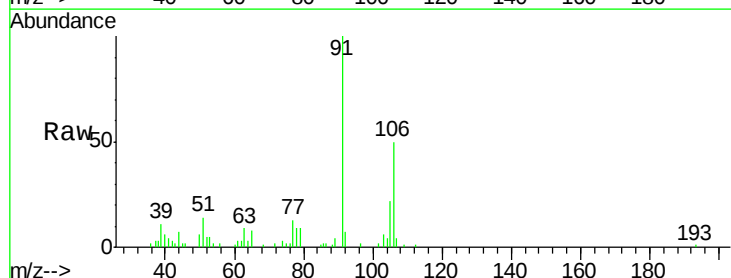
Acq: 12 Jun 2020 04:20

Tgt Ion:106 Resp: 5837

Ion Ratio Lower Upper

106 100

91 199.4 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

