

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016548.D
 Acq On : 05 Jun 2020 20:03
 Operator : SY/MD
 Sample : L2861-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 00:13:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	420011	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	393893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	197011	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111800	37.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.16%
7) Chloroethane-d5	1.56	69	77009	35.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.72%
11) 1,1-Dichloroethene-d2	2.12	63	148752	28.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.42%#
21) 2-Butanone-d5	3.89	46	175587	92.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.31%
24) Chloroform-d	4.37	84	224933	40.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.58%
26) 1,2-Dichloroethane-d4	5.05	65	159950	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.56%
32) Benzene-d6	5.07	84	448834	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
36) 1,2-Dichloropropane-d6	6.09	67	145550	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.54%
41) Toluene-d8	7.34	98	410868	42.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.76%
43) trans-1,3-Dichloropropene-	7.64	79	63544	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.32%
47) 2-Hexanone-d5	8.11	63	138447	98.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188641	42.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	172107	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%

Target Compounds

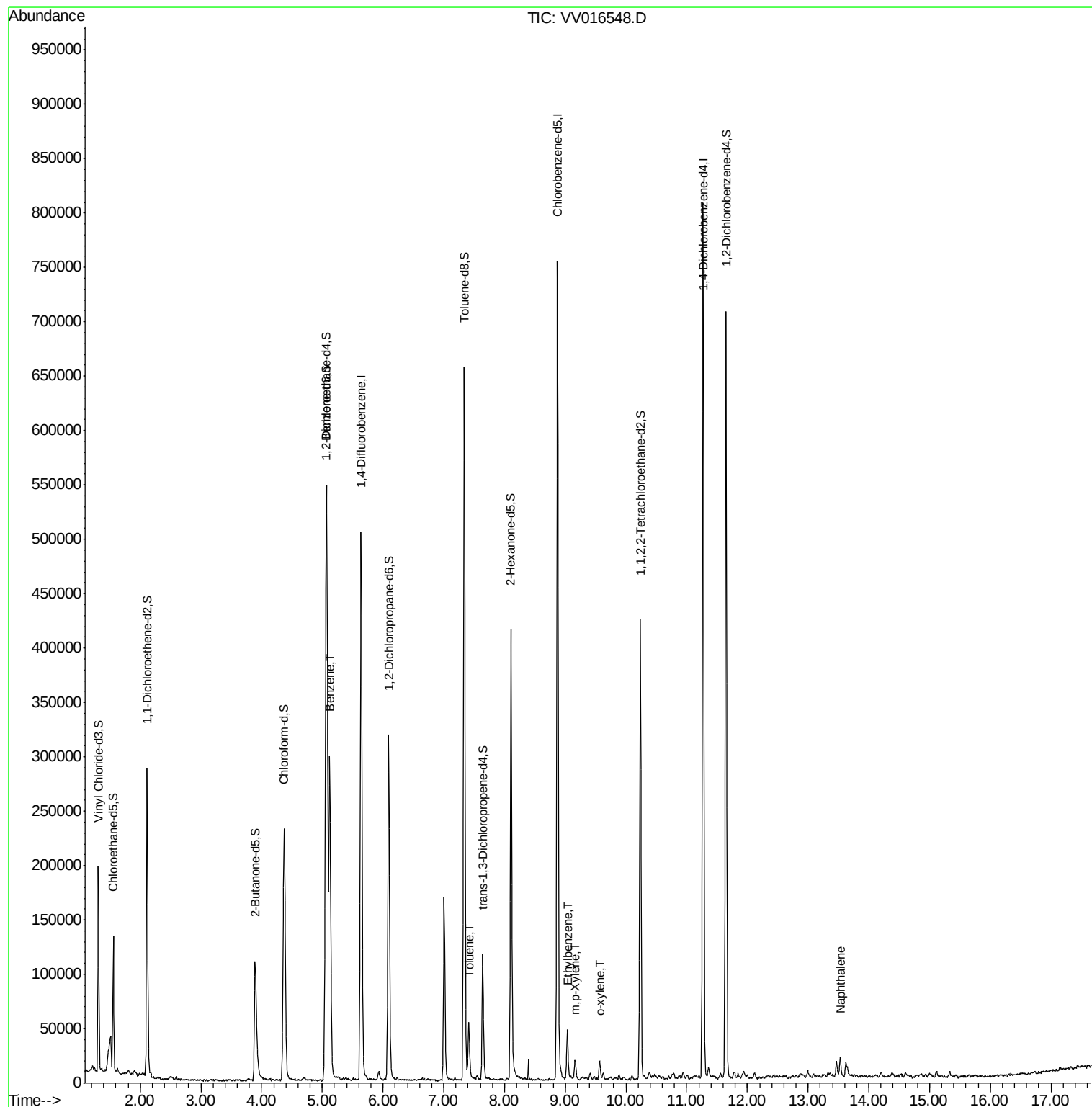
					Ovalue
33) Benzene	5.12	78	286681	24.747	ug/L 100
42) Toluene	7.41	91	38062	3.101	ug/L 99
52) Ethylbenzene	9.04	91	30541	2.286	ug/L 98
53) m,p-Xylene	9.16	106	5172	1.027	ug/L 79
54) o-xylene	9.57	106	4268	0.875	ug/L 86
69) Naphthalene	13.53	128	10952	0.939	ug/L 97

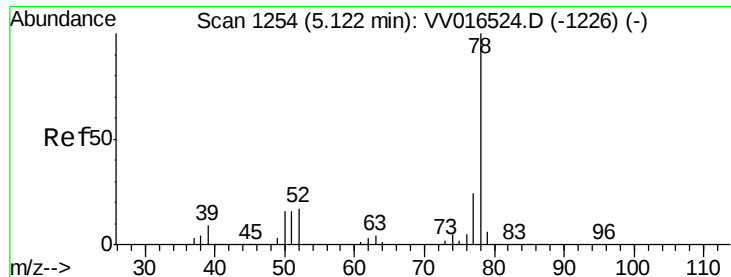
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 24.747 ug/L

RT: 5.12 min Scan# 1254

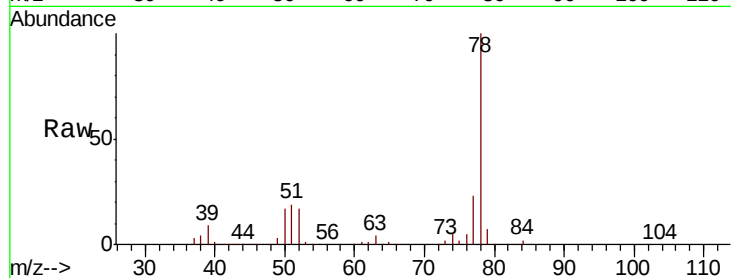
Delta R.T. -0.00 min

Lab File: VV016548.D

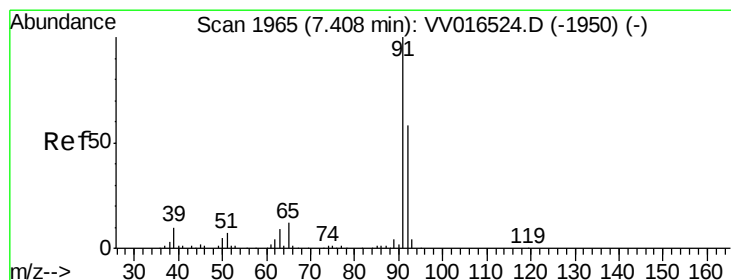
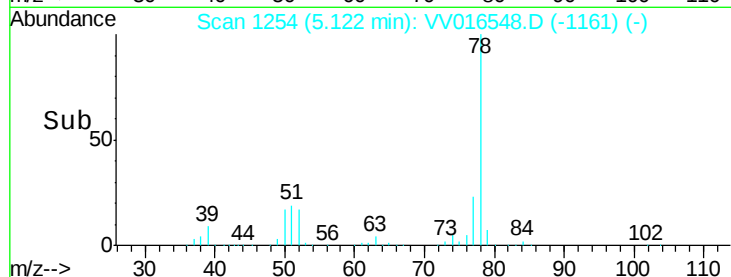
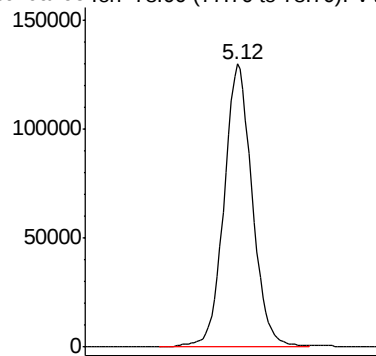
Acq: 05 Jun 2020 20:03

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 286681



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 3.101 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016548.D

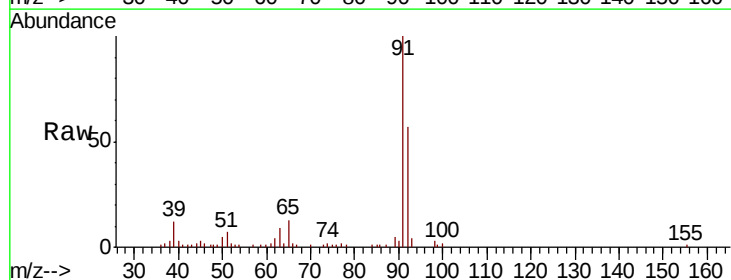
Acq: 05 Jun 2020 20:03

Tgt Ion: 91 Resp: 38062

Ion Ratio Lower Upper

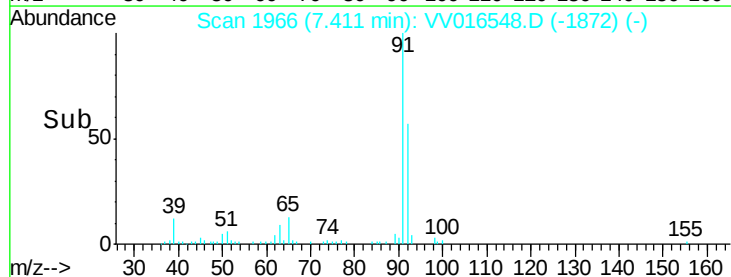
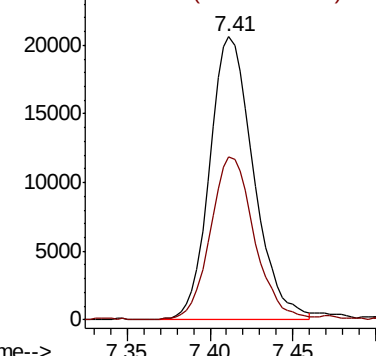
91 100

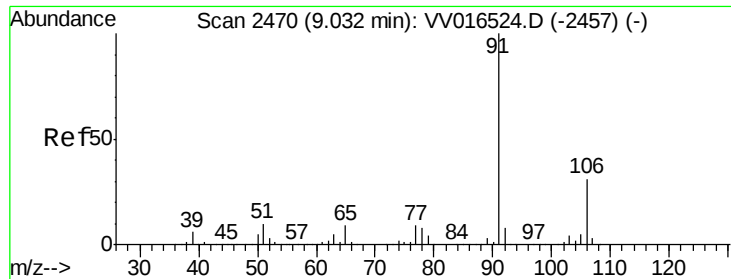
92 57.4 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 2.286 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016548.D

Acq: 05 Jun 2020 20:03

Instrument :

MSVOA_V

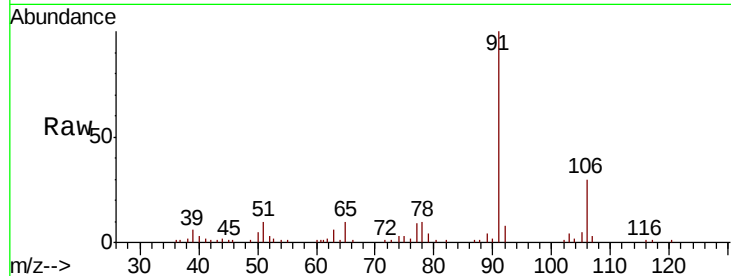
ClientSampleId :

Tot Ion: 91 Resp: 30541

Ion Ratio Lower Upper

91 100

106 30.2 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV016548.D (-2471) (-)

Ion 106.00 (105.70 to 106.70): VV016548.D (-2471) (-)

9.04

20000

15000

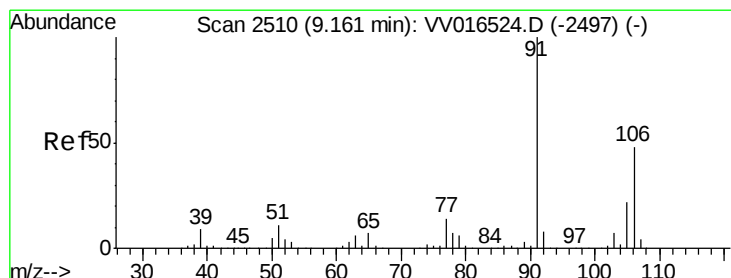
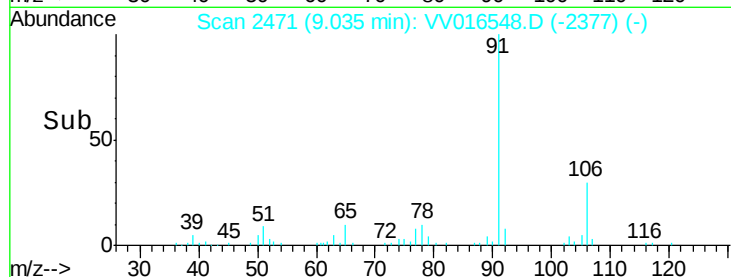
10000

5000

0

9.00 9.05 9.10

Time-->



#53

m,p-Xylene

Concen: 1.027 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016548.D

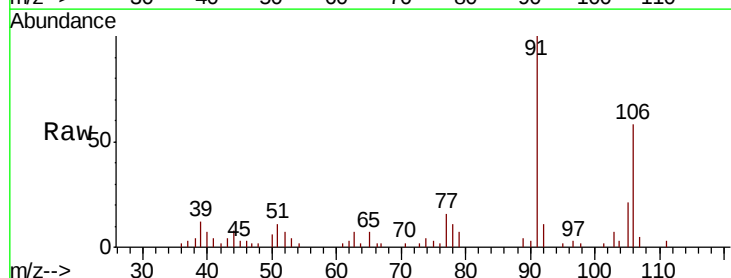
Acq: 05 Jun 2020 20:03

Tgt Ion: 106 Resp: 5172

Ion Ratio Lower Upper

106 100

91 171.0 142.5 264.6



Abundance Ion 106.00 (105.70 to 106.70): VV016548.D (-2511) (-)

Ion 91.00 (90.70 to 91.70): VV016548.D (-2511) (-)

9.16

6000

5000

4000

3000

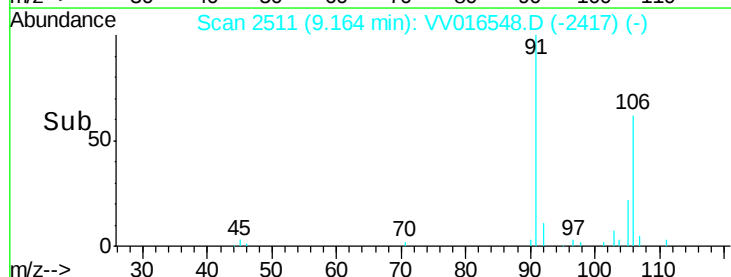
2000

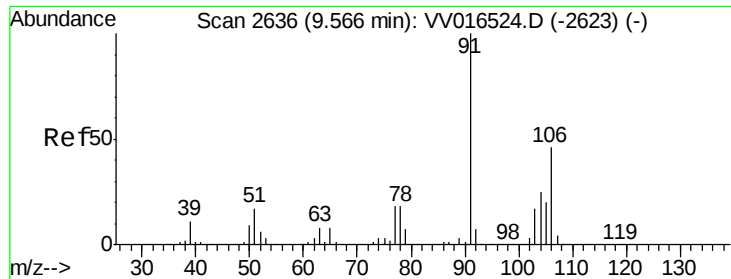
1000

0

9.10 9.15 9.20

Time-->

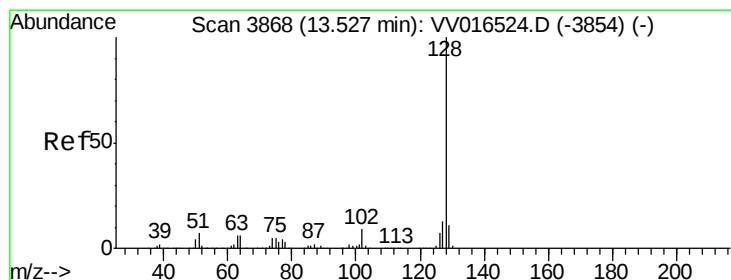
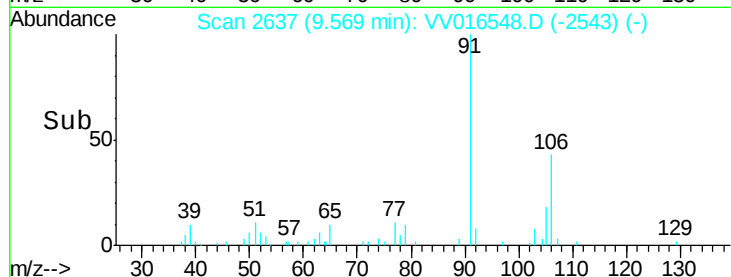
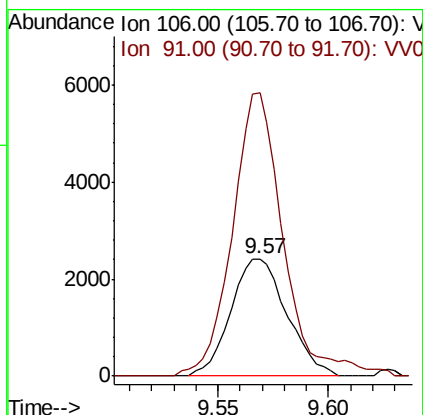
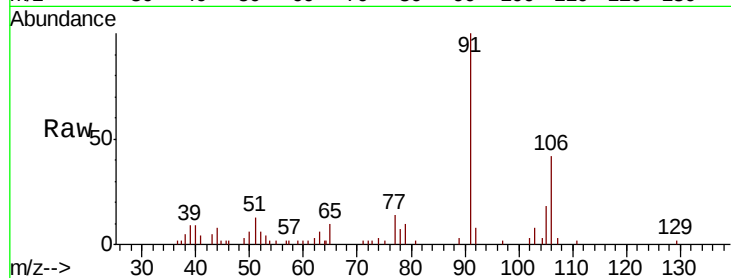




#54
o-xylene
Concen: 0.875 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.00 min
Lab File: VV016548.D
Acq: 05 Jun 2020 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 4268
Ion Ratio Lower Upper
106 100
91 240.7 152.5 283.1



#69
Naphthalene
Concen: 0.939 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016548.D
Acq: 05 Jun 2020 20:03

Tgt Ion:128 Resp: 10952
Ion Ratio Lower Upper
128 100
127 14.4 10.2 15.4
129 11.3 8.7 13.1

