

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 :
F9E71

Quant Time: Jun 06 06:11:44 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

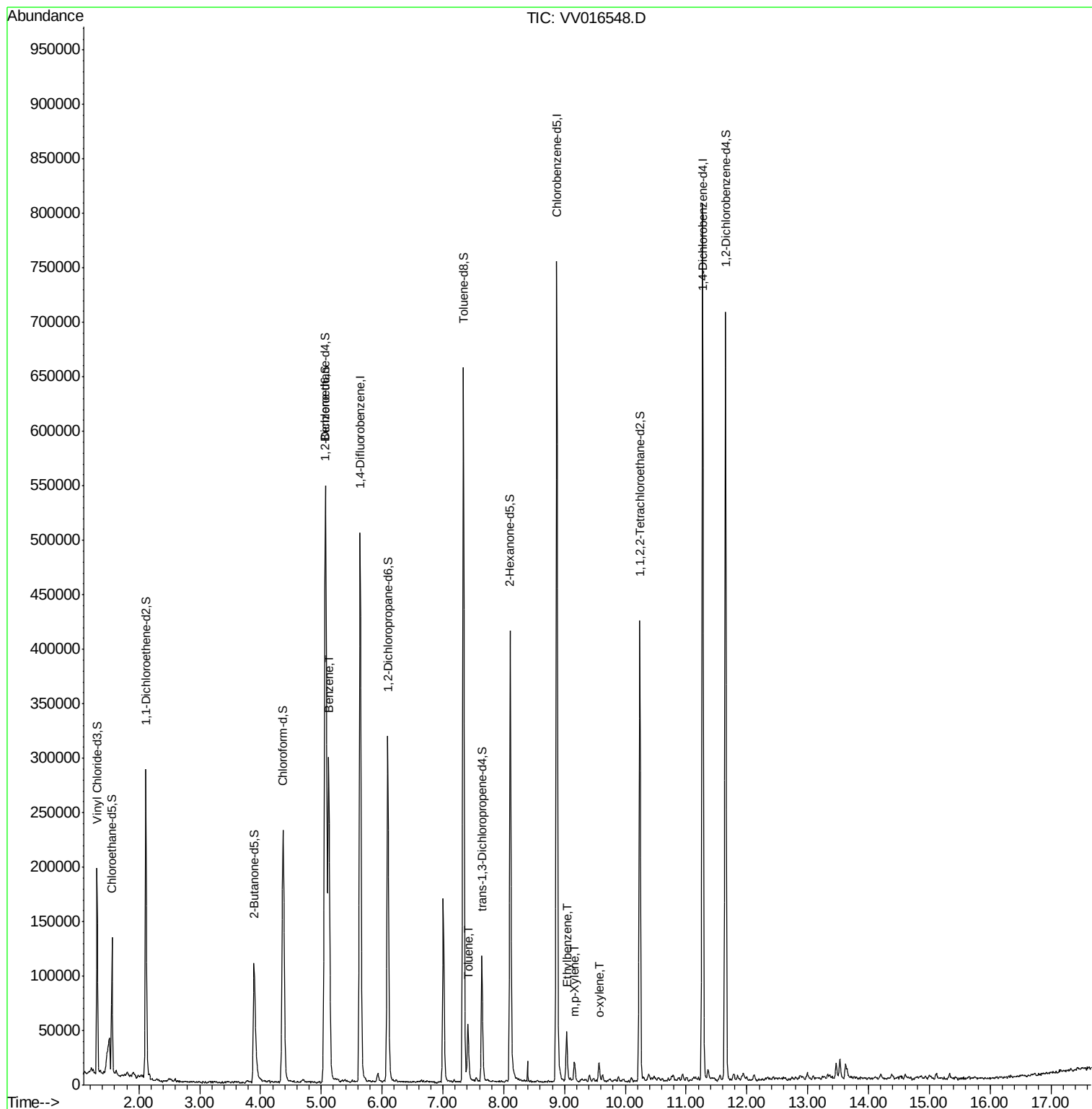
					Qvalue
33) Benzene	5.12	78	286681	24.747 ug/L	100
42) Toluene	7.41	91	38062	3.101 ug/L	99
52) Ethylbenzene	9.04	91	30541	2.286 ug/L	98
53) m,p-Xylene	9.16	106	5172	1.027 ug/L	79
54) o-xylene	9.57	106	4268	0.875 ug/L	86

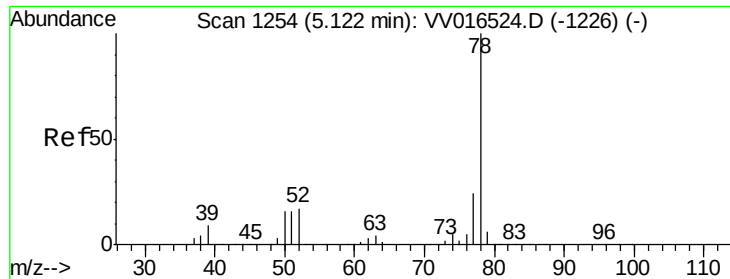
(#)=qualifier out of range (m)=manual integration (+)=signals summed

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#33

Benzene

Concen: 24.747 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

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Acq: 05 Jun 2020 20:03

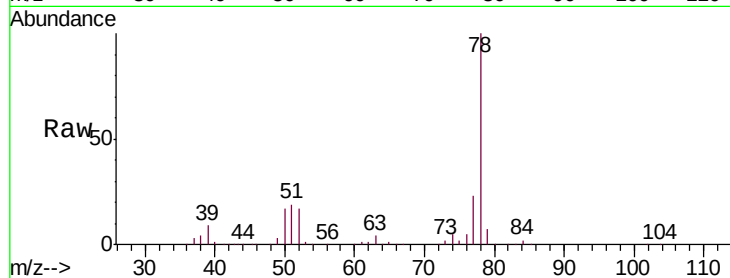
Instrument :

MSVOA_V

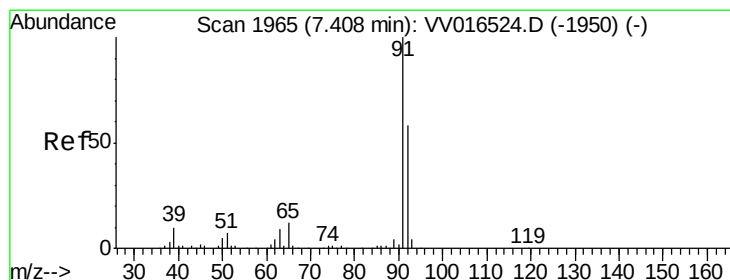
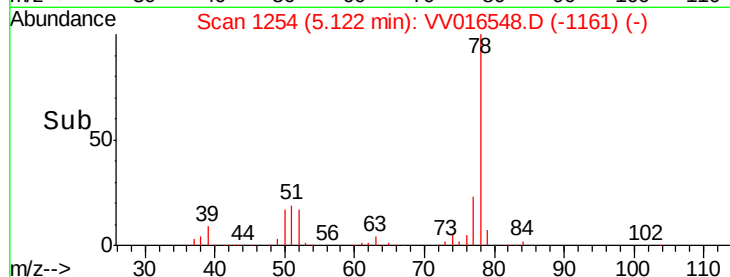
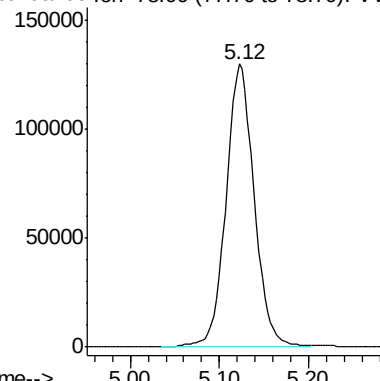
ClientSampleId :

F9E71

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

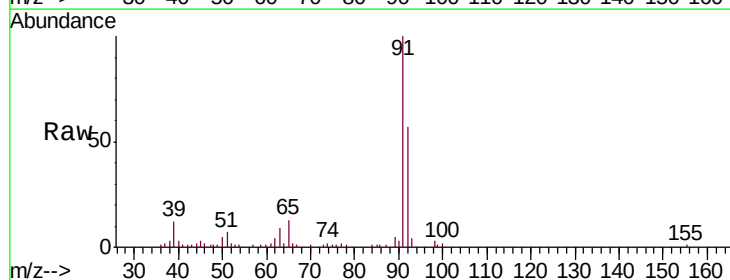
Acq: 05 Jun 2020 20:03

Tgt Ion: 91 Resp: 38062

Ion Ratio Lower Upper

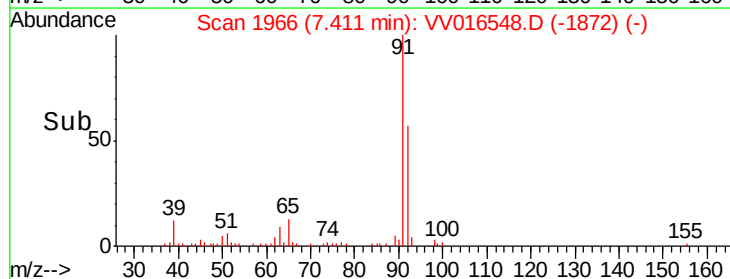
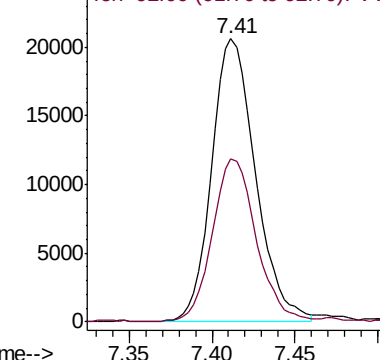
91 100

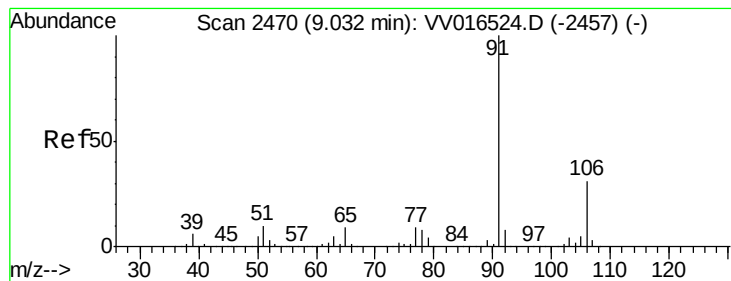
92 57.4 40.9 75.9



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

ClientSampled :

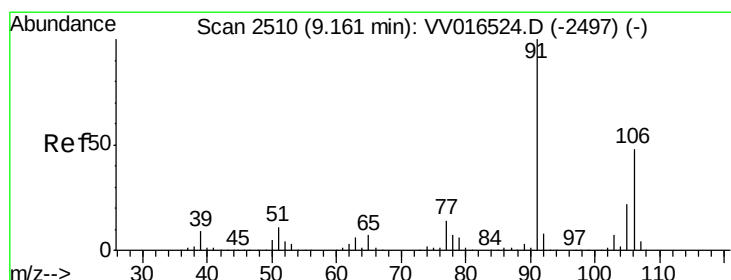
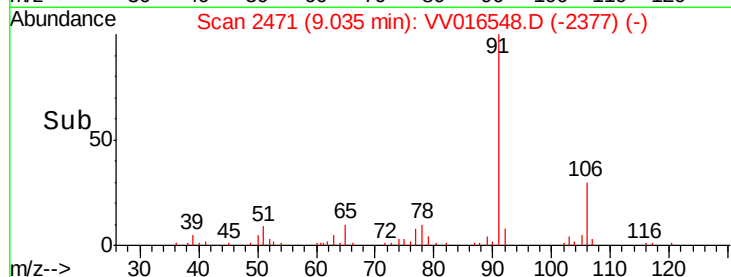
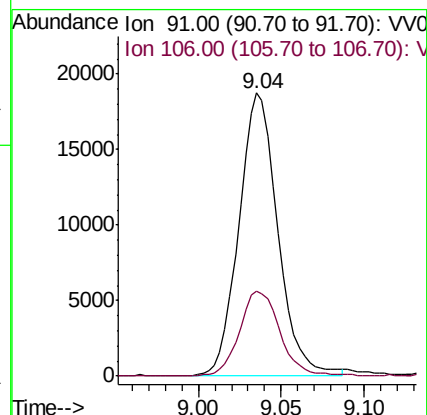
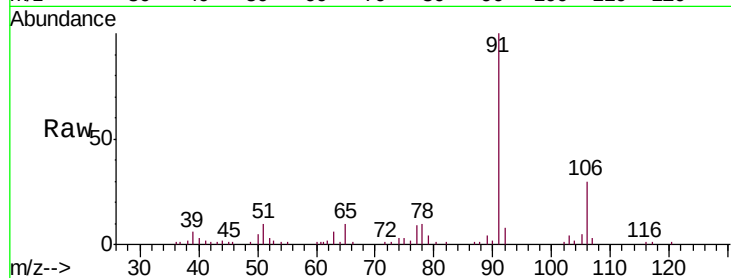
F9E71

Tgt Ion: 91 Resp: 30541

Ion Ratio Lower Upper

91 100

106 30.2 21.8 40.4



#53

m,p-Xylene

Concen: 1.027 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

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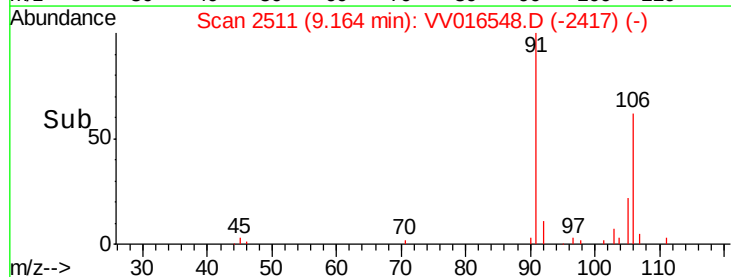
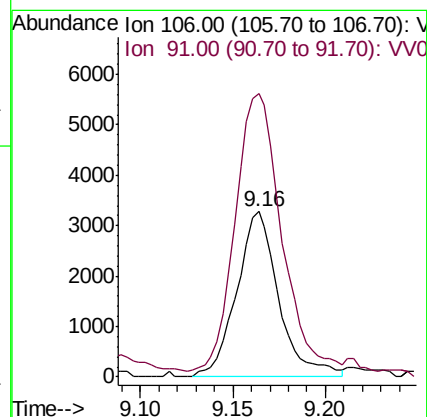
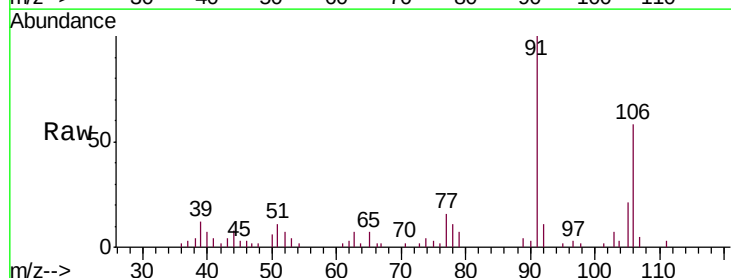
Acq: 05 Jun 2020 20:03

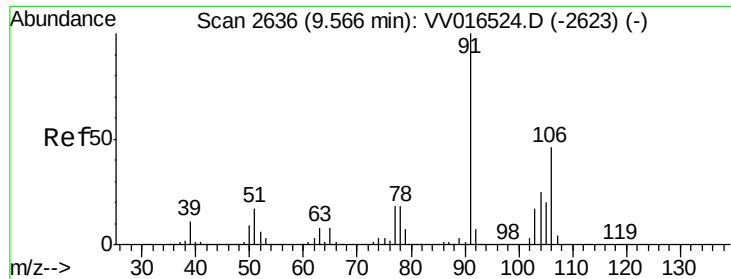
Tgt Ion: 106 Resp: 5172

Ion Ratio Lower Upper

106 100

91 171.0 142.5 264.6





#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 :
 F9E71

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

