

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
 Data File : VU031709.D
 Acq On : 02 May 2019 13:58
 Operator : JC/SP
 Sample : K2633-13
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJA5

Quant Time: May 20 00:29:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 04:37:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1062711	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	994093	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	461233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	212726	23.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	47.84%#
7) Chloroethane-d5	1.68	69	145983	21.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.48%#
11) 1,1-Dichloroethene-d2	2.24	63	350336	19.78	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.56%#
21) 2-Butanone-d5	4.21	46	644843	80.02	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.02%
24) Chloroform-d	4.64	84	531504	32.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.26%#
26) 1,2-Dichloroethane-d4	5.31	65	366711	34.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.92%#
32) Benzene-d6	5.33	84	1048630	34.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.70%#
36) 1,2-Dichloropropane-d6	6.33	67	398676	37.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.24%
41) Toluene-d8	7.56	98	929141	34.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.90%#
43) trans-1,3-Dichloropropene-	7.86	79	180796	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.44%
47) 2-Hexanone-d5	8.34	63	503112	108.23	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.23%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	548634	38.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	365073	37.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.28%#

Target Compounds

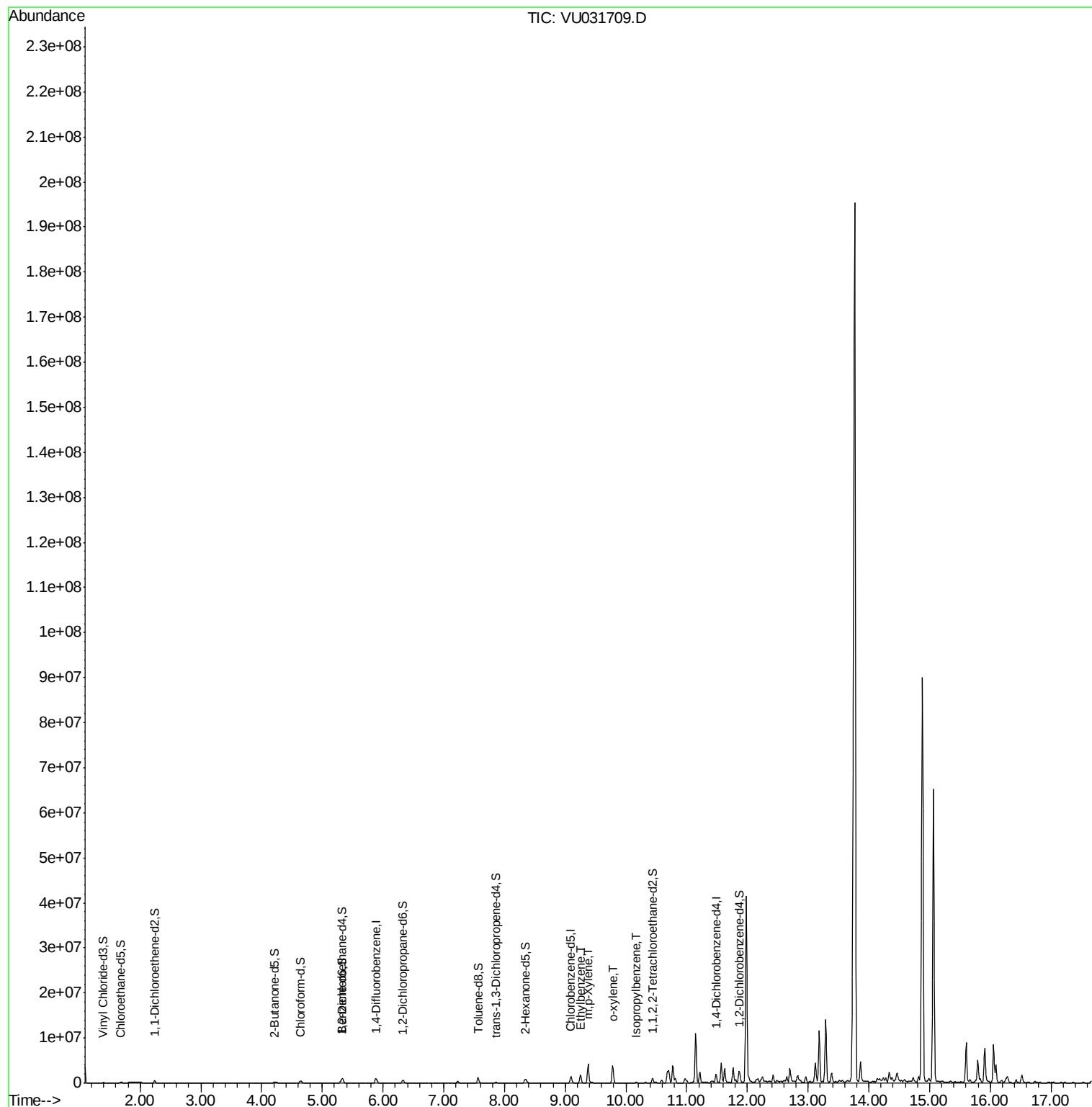
					Ovalue
52) Ethylbenzene	9.25	91	1533090	40.595	ug/L 100
53) m,p-Xylene	9.38	106	1289135	97.973	ug/L 100
54) o-xylene	9.78	106	1062097	81.418	ug/L 97
56) Isopropylbenzene	10.17	105	96534	2.814	ug/L 96

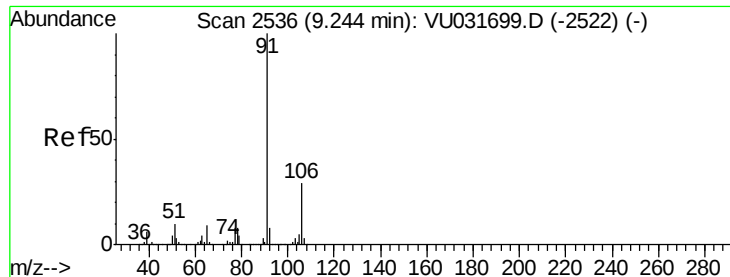
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#52

Ethylbenzene

Concen: 40.595 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.01 min

Lab File: VU031709.D

Acq: 02 May 2019 13:58

Instrument :

MSVOA_U

ClientSampleId :

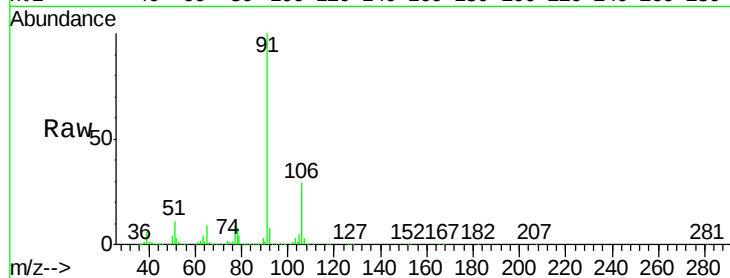
GAJA5

Tot Ion: 91 Resp: 1533090

Ion Ratio Lower Upper

91 100

106 29.3 20.4 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU031699.D (-2522) (-)

Ion 106.00 (105.70 to 106.70): VU031699.D (-2522) (-)

1500000

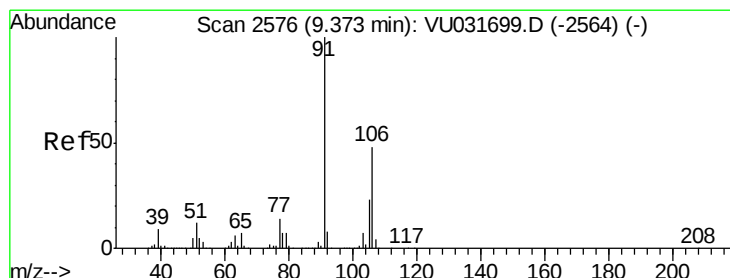
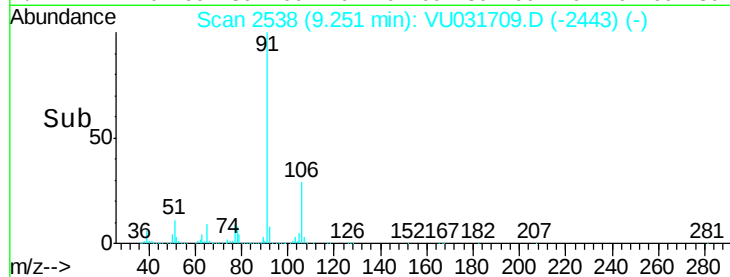
1000000

500000

0

9.15 9.20 9.25 9.30 9.35

Time-->



#53

m,p-Xylene

Concen: 97.973 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU031709.D

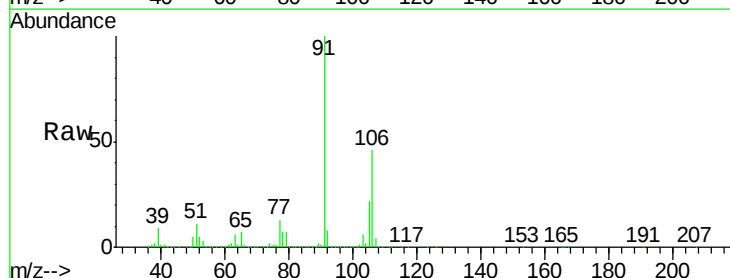
Acq: 02 May 2019 13:58

Tgt Ion: 106 Resp: 1289135

Ion Ratio Lower Upper

106 100

91 216.6 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): VU031699.D (-2564) (-)

Ion 91.00 (90.70 to 91.70): VU031699.D (-2564) (-)

1500000

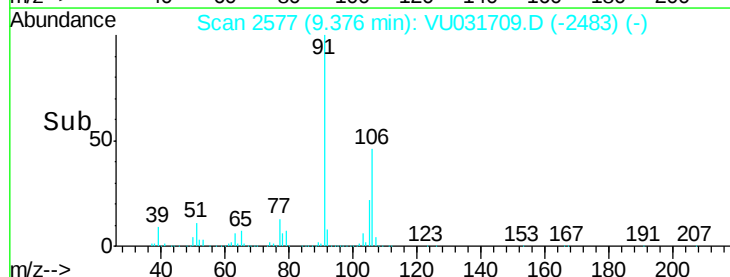
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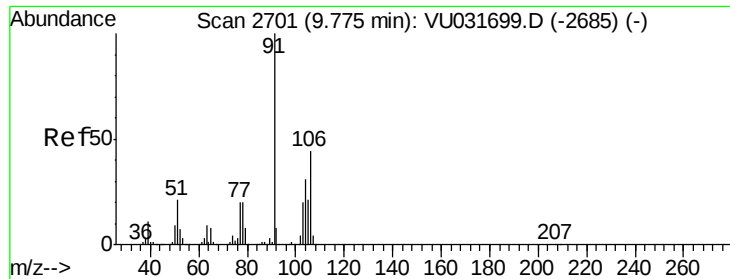
500000

0

9.30 9.40 9.50

Time-->





#54

o-xylene

Concen: 81.418 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU031709.D

Acq: 02 May 2019 13:58

Instrument :

MSVOA_U

ClientSampled :

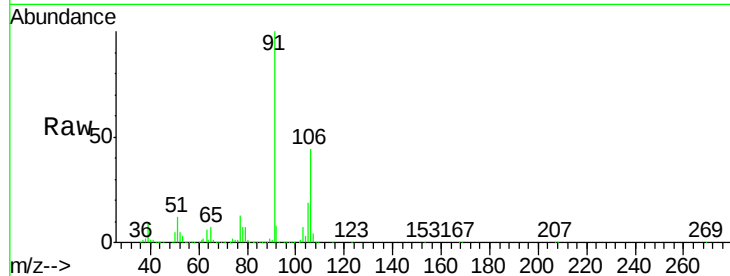
GAJA5

Tot Ion:106 Resp: 1062097

Ion Ratio Lower Upper

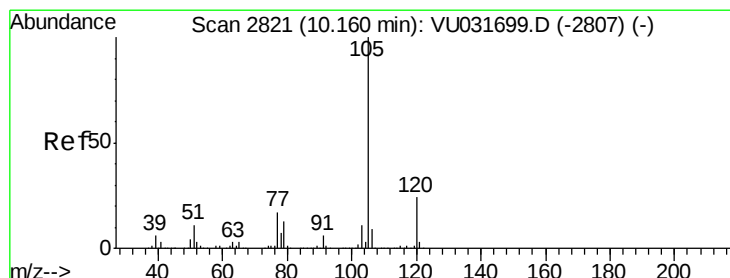
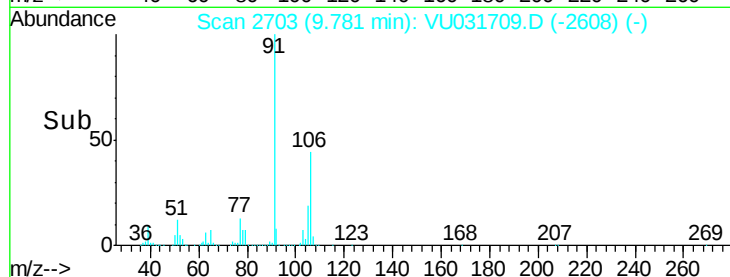
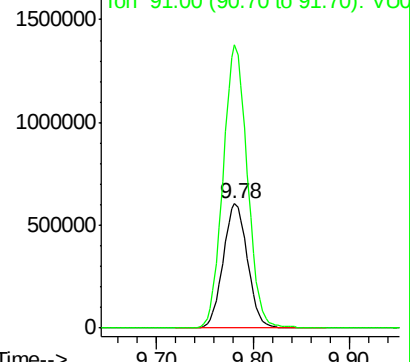
106 100

91 227.6 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 2.814 ug/L

RT: 10.17 min Scan# 2824

Delta R.T. 0.01 min

Lab File: VU031709.D

Acq: 02 May 2019 13:58

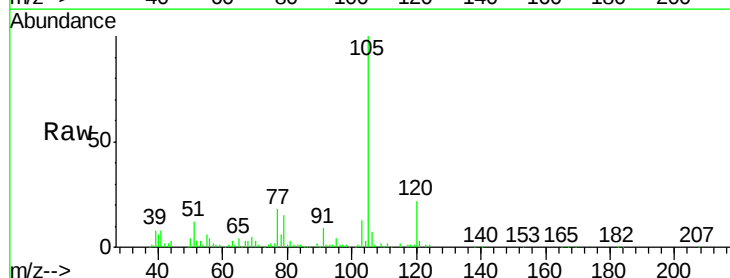
Tgt Ion:105 Resp: 96534

Ion Ratio Lower Upper

105 100

120 23.8 20.1 30.1

77 20.0 13.8 20.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

