

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031366.D
 Acq On : 19 Apr 2019 17:57
 Operator : JC/SP
 Sample : K2455-15ME
 Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHR5ME

Quant Time: Apr 22 10:31:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 23:12:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	616757	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	588725	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	289716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	167324	29.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.92%#
7) Chloroethane-d5	1.68	69	127634	25.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.76%#
11) 1,1-Dichloroethene-d2	2.25	63	272992	24.26	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.52%#
21) 2-Butanone-d5	4.20	46	295426	71.41	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.41%
24) Chloroform-d	4.64	84	335308	35.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.76%
26) 1,2-Dichloroethane-d4	5.31	65	194708	33.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.72%#
32) Benzene-d6	5.33	84	644112	34.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.22%#
36) 1,2-Dichloropropane-d6	6.33	67	218654	36.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.40%
41) Toluene-d8	7.56	98	589291	35.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.96%#
43) trans-1,3-Dichloropropene-	7.85	79	97588	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.60%
47) 2-Hexanone-d5	8.34	63	229800	80.59	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.59%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	298098	35.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	248916	37.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.92%#

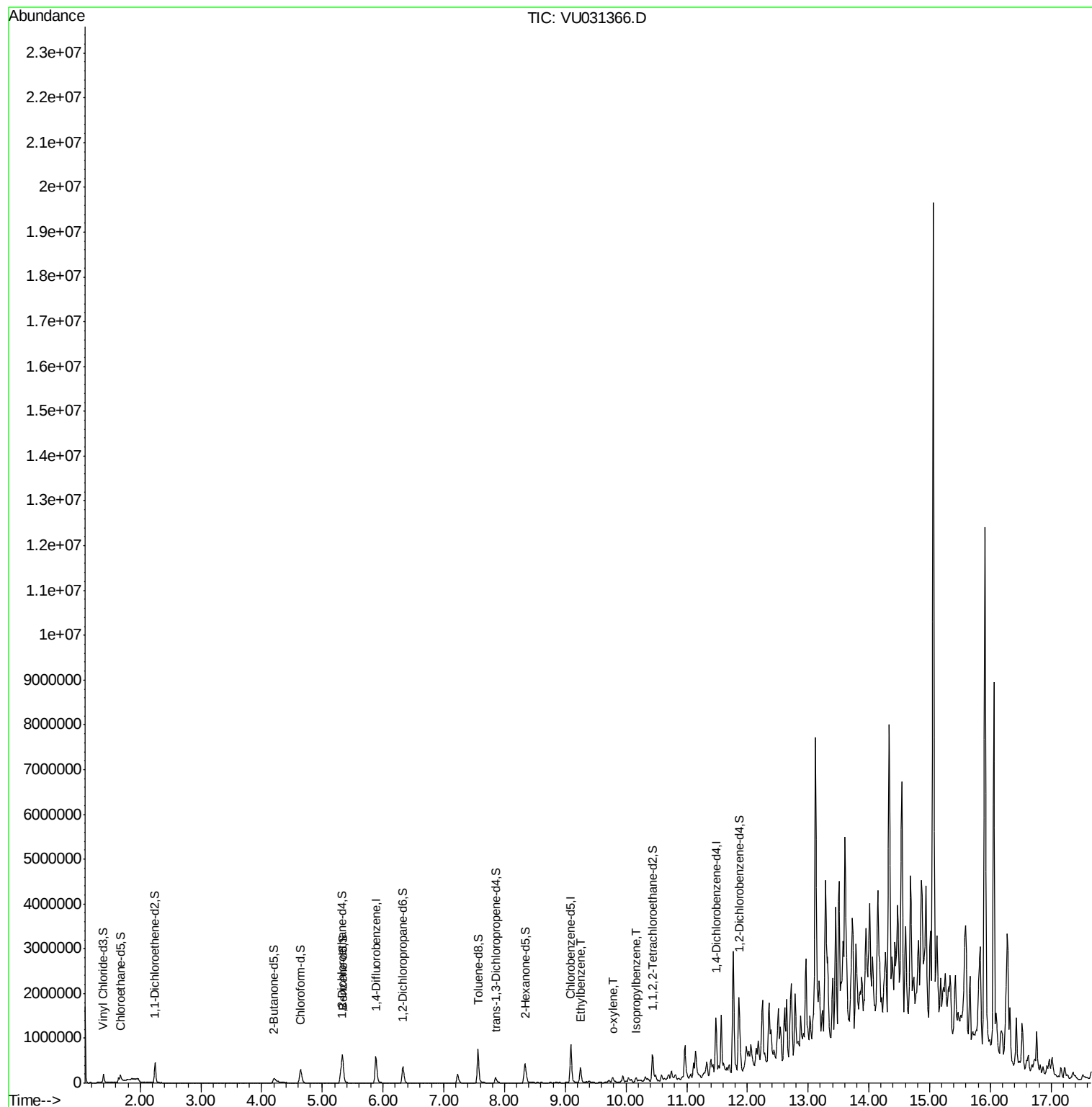
Target Compounds					Ovalue
52) Ethylbenzene	9.25	91	278028	12.966 ug/L	98
54) o-xylene	9.78	106	32085	4.187 ug/L	87
56) Isopropylbenzene	10.17	105	56066	2.855 ug/L	98

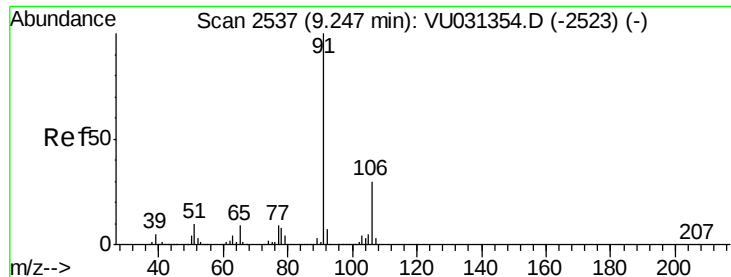
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Ethylbenzene

Concen: 12.966 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU031366.D

Acq: 19 Apr 2019 17:57

Instrument :

MSVOA_U

ClientSampleId :

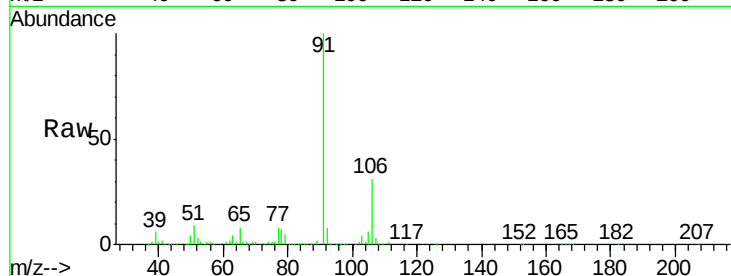
GAHR5ME

Tot Ion: 91 Resp: 278028

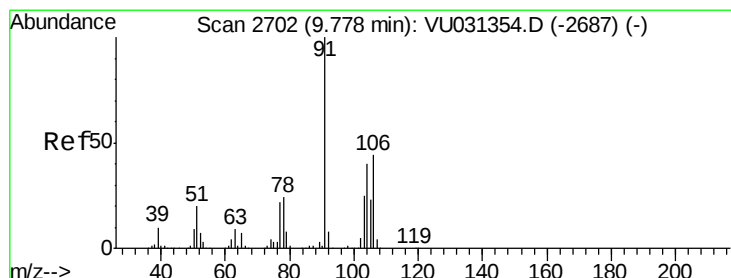
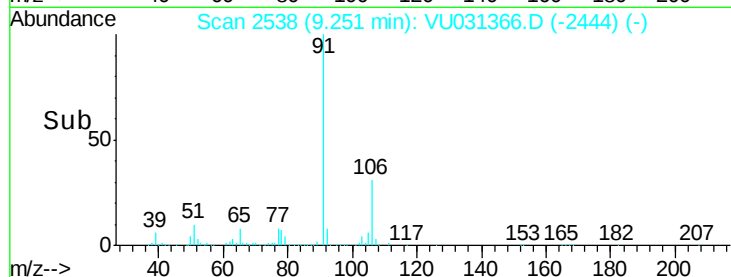
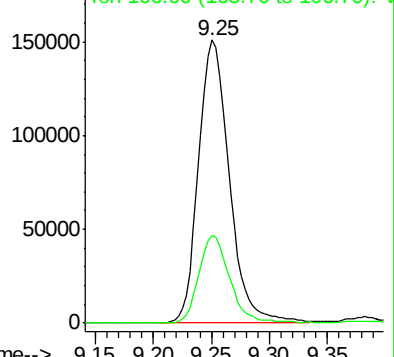
Ion Ratio Lower Upper

91 100

106 31.1 20.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU031354.D (-2523) (-)



#54

o-xylene

Concen: 4.187 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VU031366.D

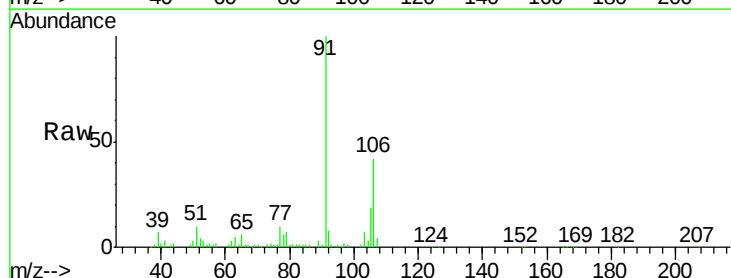
Acq: 19 Apr 2019 17:57

Tgt Ion: 106 Resp: 32085

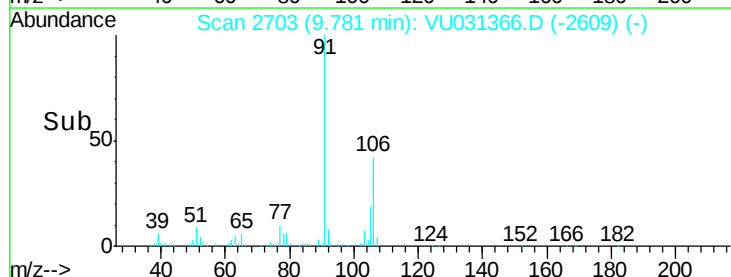
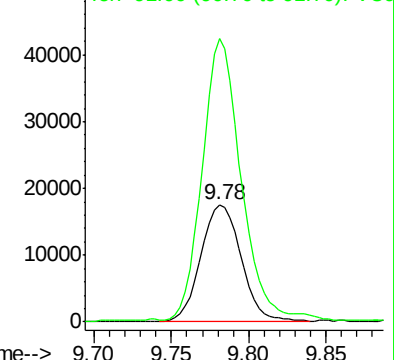
Ion Ratio Lower Upper

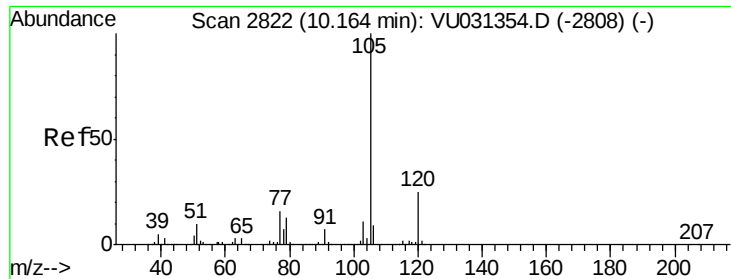
106 100

91 240.8 154.3 286.5



Abundance Ion 106.00 (105.70 to 106.70): VU031354.D (-2687) (-)





#56

Isopropylbenzene

Concen: 2.855 ug/L

RT: 10.17 min Scan# 2824

Delta R.T. 0.01 min

Lab File: VU031366.D

Acq: 19 Apr 2019 17:57

Instrument :

MSVOA_U

ClientSampleId :

GAHR5ME

Tot Ion:105 Resp: 56066

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

77 18.0 13.0 19.4

