

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031409.D
 Acq On : 22 Apr 2019 23:15
 Operator : JC/SP
 Sample : K2455-11DL 10X
 Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHR1DL

Quant Time: Apr 23 04:46:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 04:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	689569	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	656338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	339225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	236865	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.78%
7) Chloroethane-d5	1.68	69	194331	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.36%
11) 1,1-Dichloroethene-d2	2.27	63	335886	34.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.12%
21) 2-Butanone-d5	4.20	46	380608	91.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.11%
24) Chloroform-d	4.64	84	388851	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
26) 1,2-Dichloroethane-d4	5.31	65	243545	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
32) Benzene-d6	5.33	84	827234	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
36) 1,2-Dichloropropane-d6	6.32	67	262260	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.56	98	741287	43.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.54%
43) trans-1,3-Dichloropropene-	7.85	79	117455	42.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.50%
47) 2-Hexanone-d5	8.31	63	272072	89.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	352967	42.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	294052	42.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

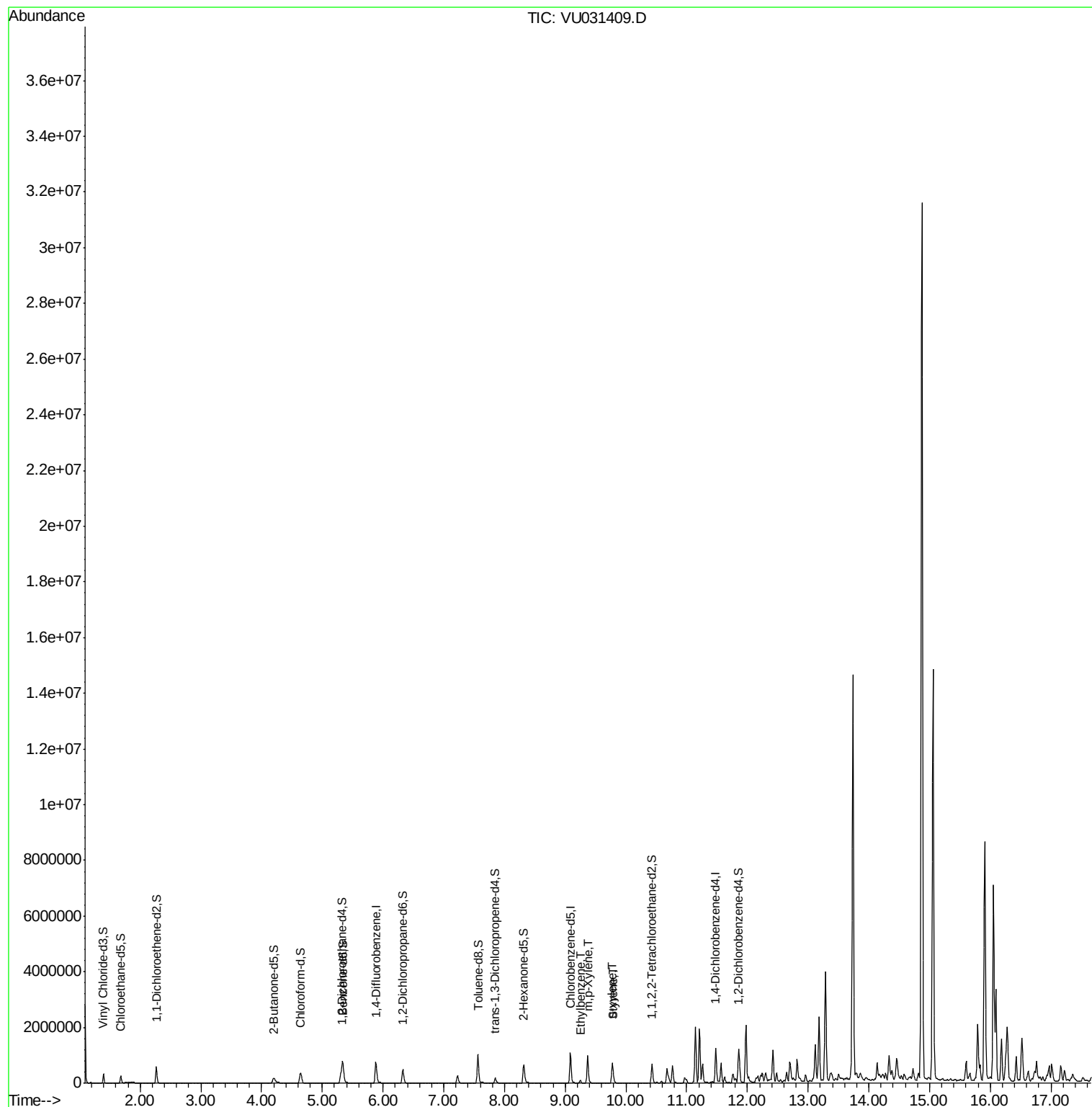
					Ovalue
52) Ethylbenzene	9.25	91	82392	3.902	ug/L 97
53) m,p-Xylene	9.37	106	299735	38.893	ug/L 99
54) o-xylene	9.77	106	185127	23.893	ug/L 100
55) Styrene	9.79	104	99536	7.724	ug/L 89

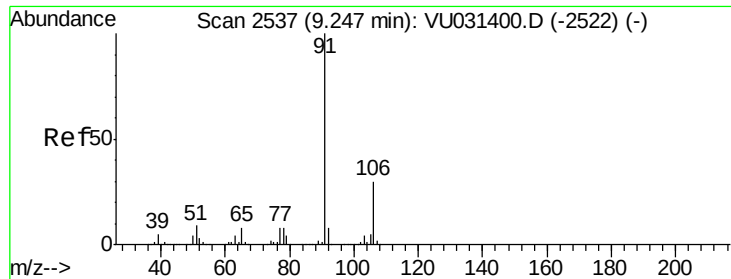
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Ethylbenzene

Concen: 3.902 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

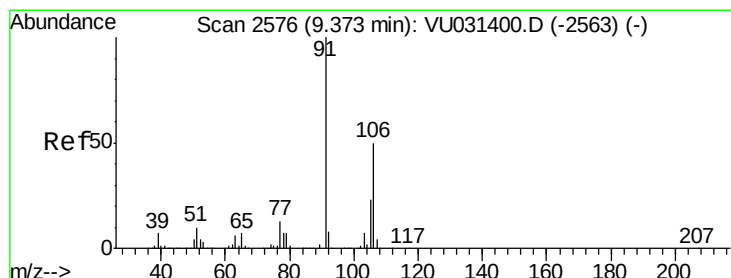
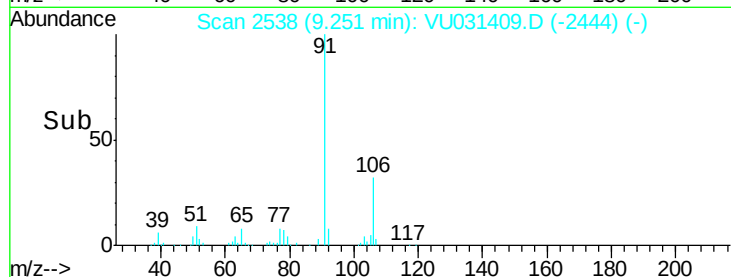
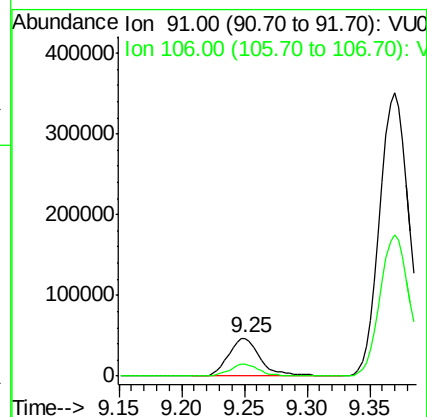
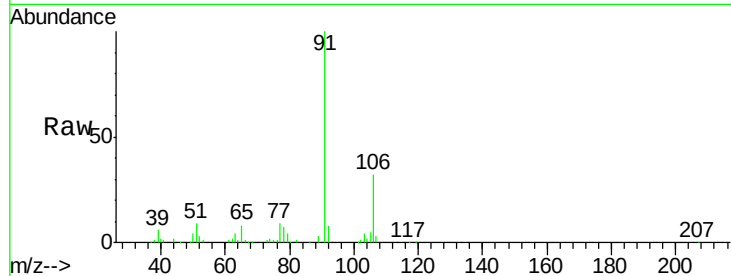
GAHR1DL

Tot Ion: 91 Resp: 82392

Ion Ratio Lower Upper

91 100

106 32.3 21.3 39.5



#53

m,p-Xylene

Concen: 38.893 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031409.D

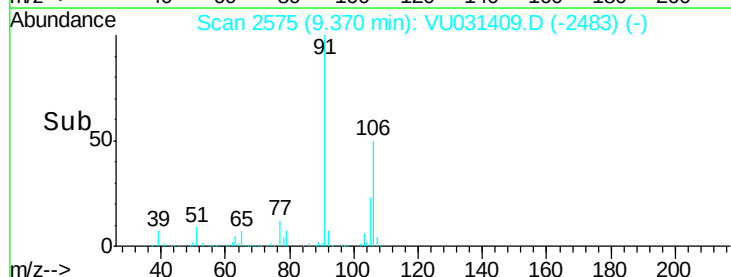
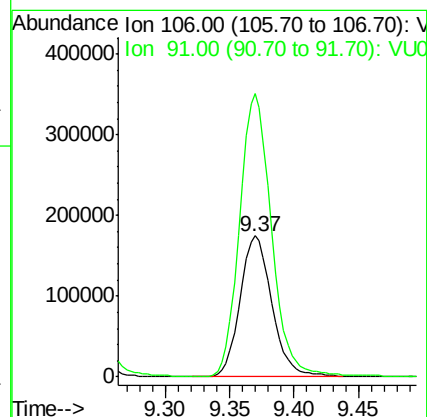
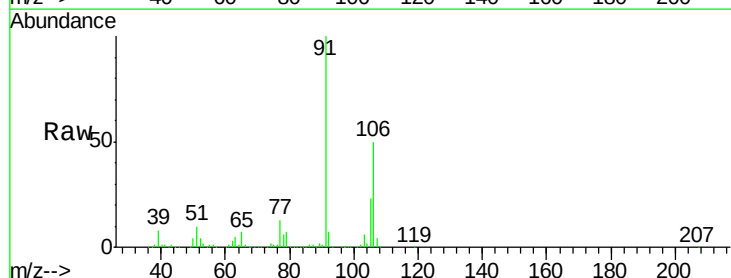
Acq: 22 Apr 2019 23:15

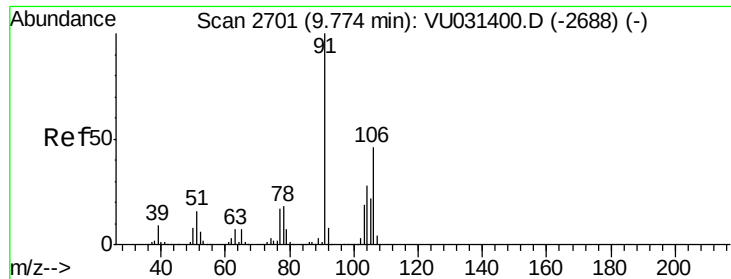
Tgt Ion: 106 Resp: 299735

Ion Ratio Lower Upper

106 100

91 201.1 141.5 262.7





#54

o-xylene

Concen: 23.893 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031409.D

Acq: 22 Apr 2019 23:15

Instrument :

MSVOA_U

ClientSampleId :

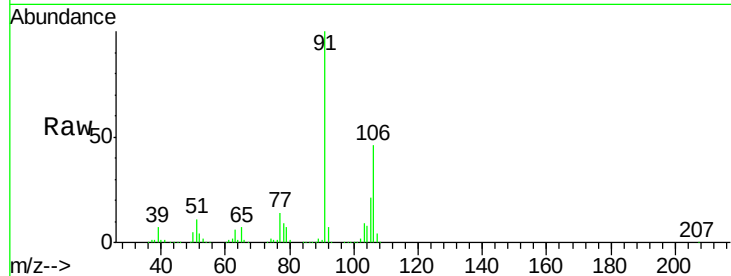
GAHR1DL

Tot Ion:106 Resp: 185127

Ion Ratio Lower Upper

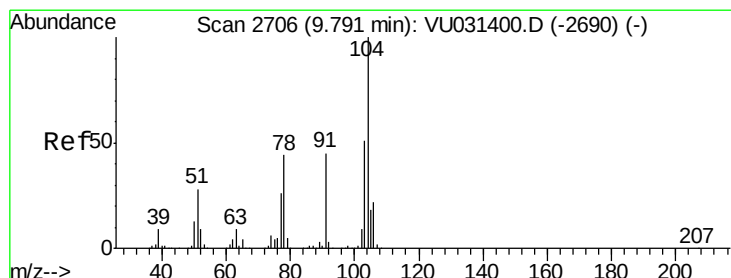
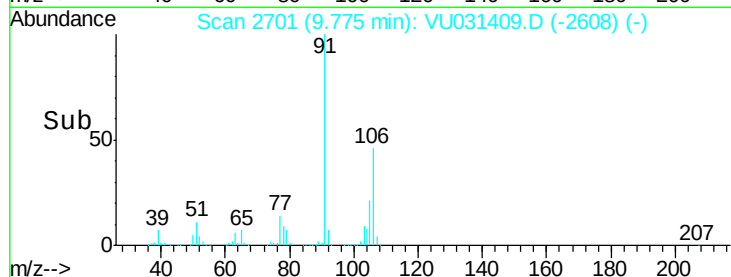
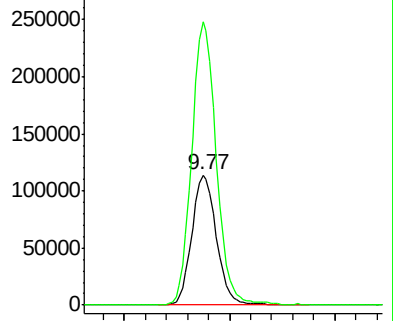
106 100

91 217.1 152.4 283.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 7.724 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031409.D

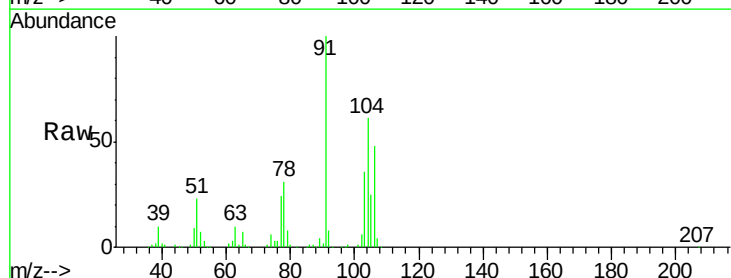
Acq: 22 Apr 2019 23:15

Tgt Ion:104 Resp: 99536

Ion Ratio Lower Upper

104 100

78 51.4 31.1 57.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

