

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
 Data File : VU031260.D
 Acq On : 17 Apr 2019 15:24
 Operator : JC/SP
 Sample : K2402-10DL 50X
 Misc : 5.00µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHJ0DL

Quant Time: Apr 29 02:06:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	620572	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	593734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	298869	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	176311	30.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.70%
7) Chloroethane-d5	1.68	69	157209	31.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.36%#
11) 1,1-Dichloroethene-d2	2.27	63	269900	23.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.68%#
21) 2-Butanone-d5	4.18	46	300979	72.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.31%
24) Chloroform-d	4.64	84	308902	32.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.78%#
26) 1,2-Dichloroethane-d4	5.31	65	195570	33.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.60%#
32) Benzene-d6	5.34	84	638237	34.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.00%#
36) 1,2-Dichloropropane-d6	6.32	67	213532	35.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.10%
41) Toluene-d8	7.56	98	589427	35.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.38%#
43) trans-1,3-Dichloropropene-	7.85	79	101079	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.42%
47) 2-Hexanone-d5	8.31	63	219958	76.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294097	34.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	243948	35.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.18%#

Target Compounds

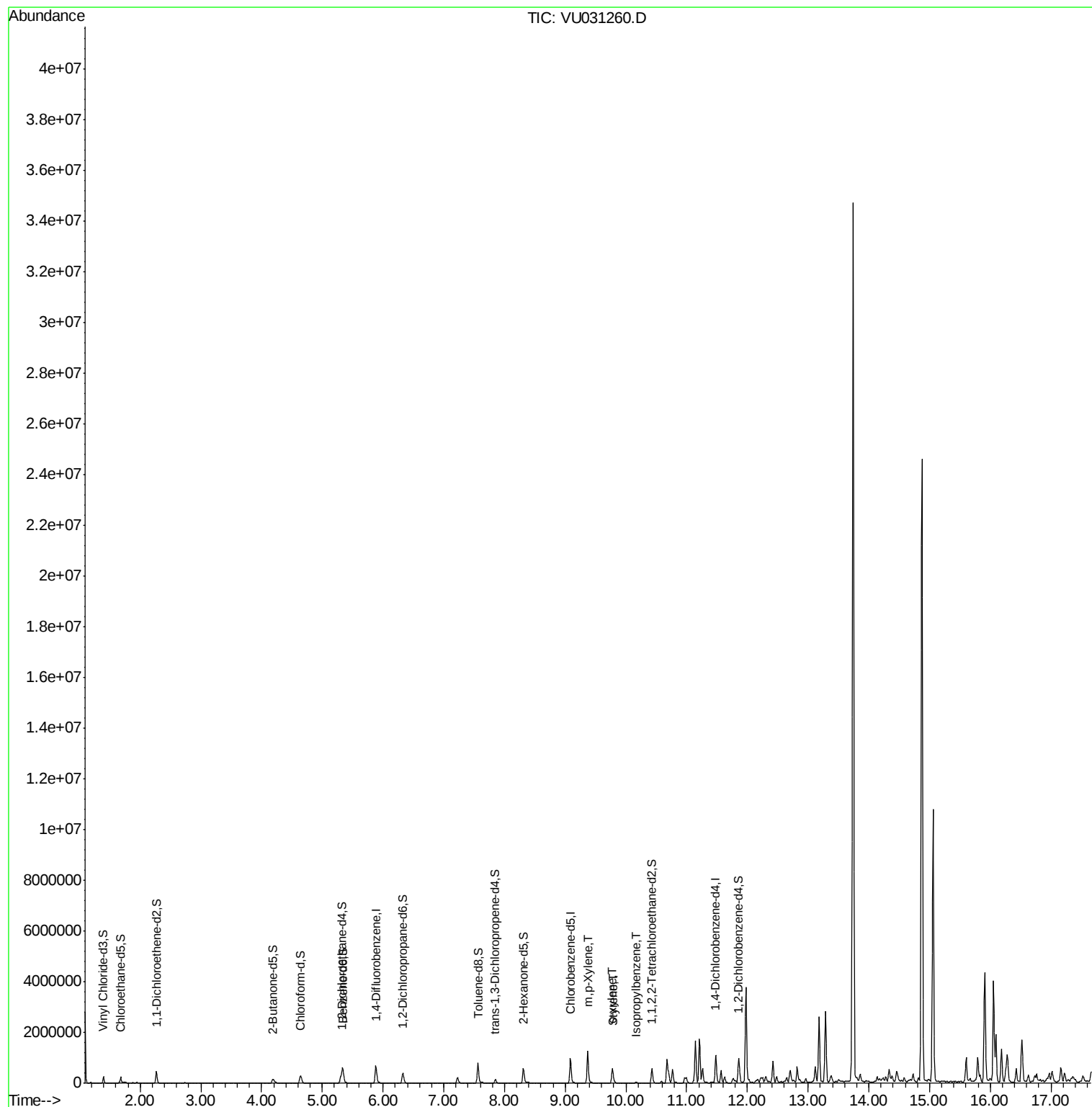
					Ovalue
53) m,p-Xylene	9.37	106	379197	49.689	ug/L 100
54) o-xylene	9.77	106	153435	19.854	ug/L 98
55) Styrene	9.79	104	76225	5.843	ug/L 97
56) Isopropylbenzene	10.16	105	34149	1.724	ug/L 100

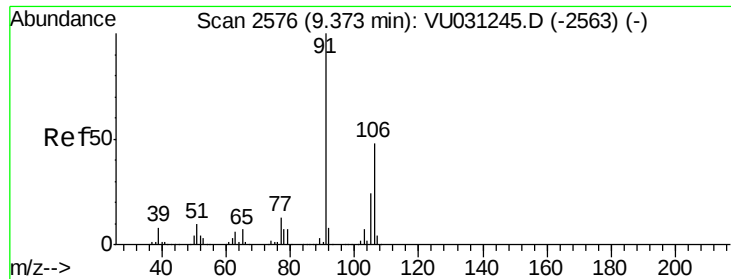
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#53

m,p-Xylene

Concen: 49.689 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031260.D

Acq: 17 Apr 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

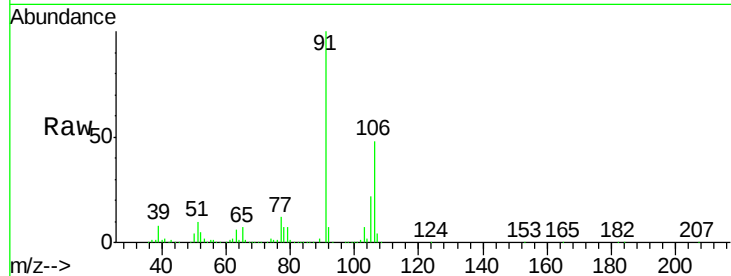
GAHJ0DL

Tot Ion:106 Resp: 379197

Ion Ratio Lower Upper

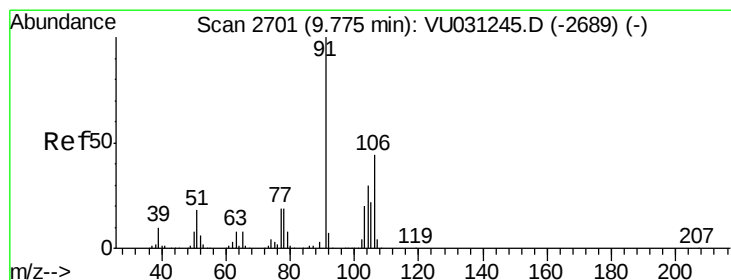
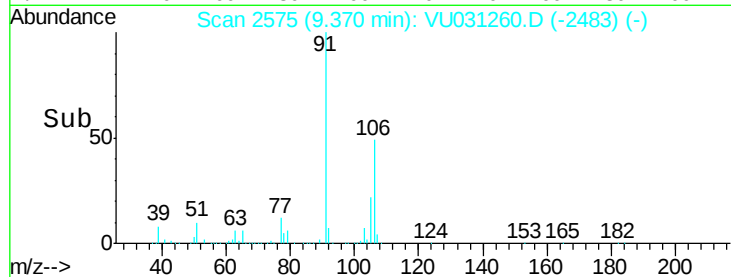
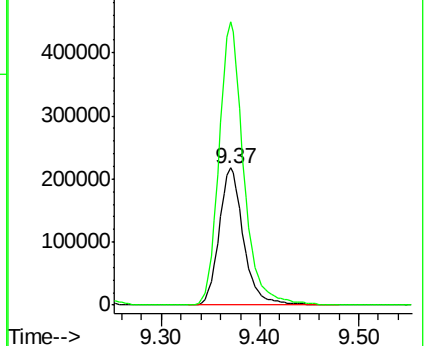
106 100

91 206.3 144.5 268.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 19.854 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU031260.D

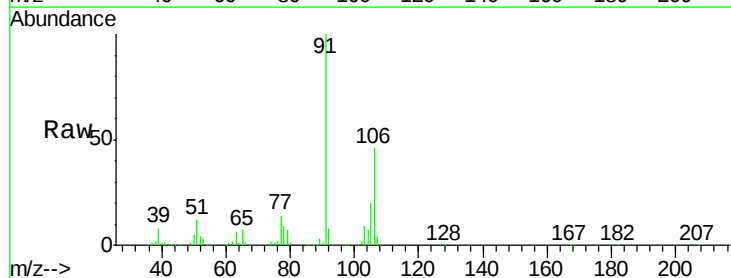
Acq: 17 Apr 2019 15:24

Tgt Ion:106 Resp: 153435

Ion Ratio Lower Upper

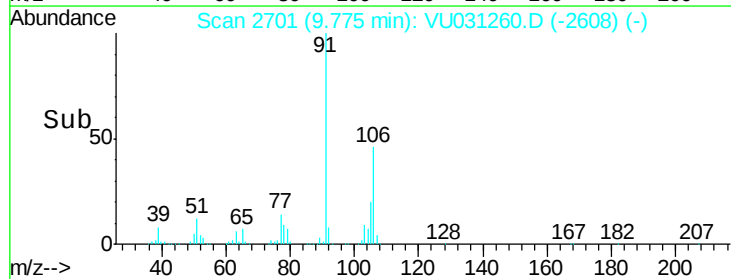
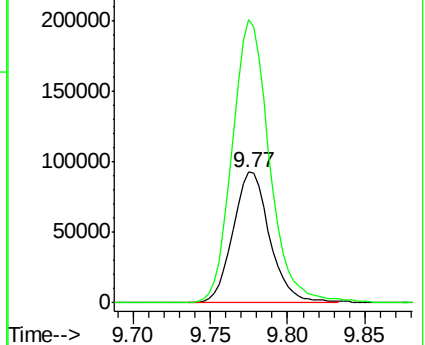
106 100

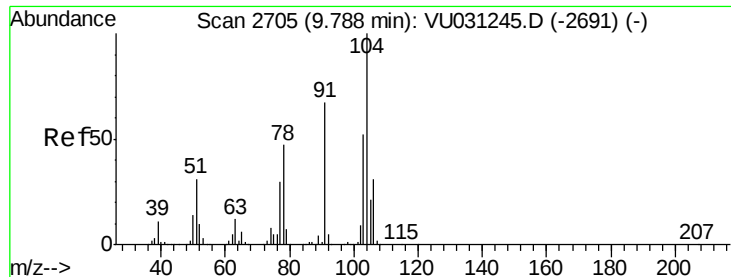
91 217.0 154.3 286.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

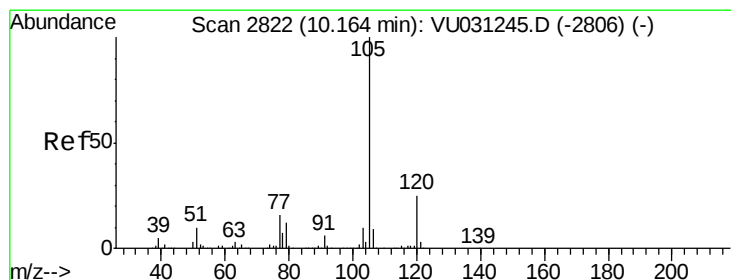
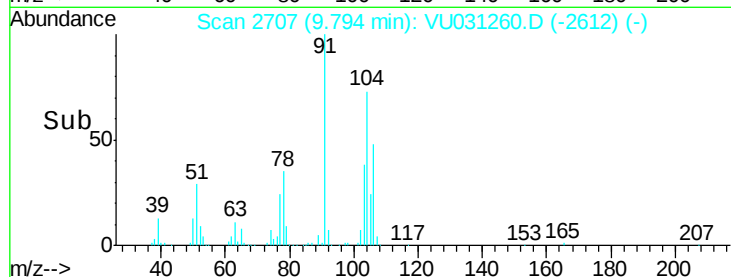
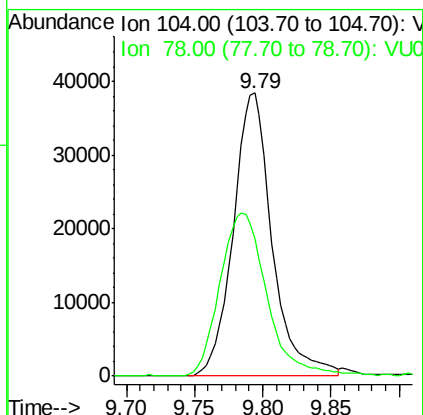
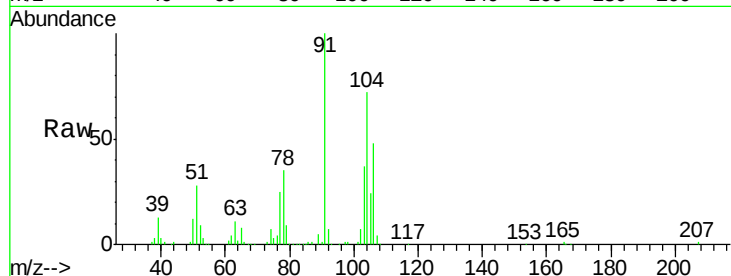




#55
Stvrene
Concen: 5.843 ug/L
RT: 9.79 min Scan# 2707
Delta R.T. 0.01 min
Lab File: VU031260.D
Acq: 17 Apr 2019 15:24

Instrument :
MSVOA_U
ClientSampleId :
GAHJ0DL

Tot Ion:104 Resp: 76225
Ion Ratio Lower Upper
104 100
78 48.7 32.8 61.0



#56
Isopropylbenzene
Concen: 1.724 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU031260.D
Acq: 17 Apr 2019 15:24

Tgt Ion:105 Resp: 34149
Ion Ratio Lower Upper
105 100
120 25.5 20.6 31.0
77 16.3 13.0 19.4

