

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031370.D
 Acq On : 19 Apr 2019 19:30
 Operator : JC/SP
 Sample : K2456-16
 Misc : 5.00µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHN6

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:17:57 AM

Quant Time: Apr 20 01:12:25 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	1183321	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1133788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	578798	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	275844	25.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.62%#
7) Chloroethane-d5	1.68	69	211042m	22.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.62%#
11) 1,1-Dichloroethene-d2	2.24	63	432685	20.04	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.08%#
21) 2-Butanone-d5	4.20	46	548532	69.11	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.11%
24) Chloroform-d	4.64	84	515692	28.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	56.72%#
26) 1,2-Dichloroethane-d4	5.31	65	303965	27.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	54.30%#
32) Benzene-d6	5.33	84	1005363	28.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	56.10%#
36) 1,2-Dichloropropane-d6	6.32	67	336701	28.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	57.88%#
41) Toluene-d8	7.56	98	941736	29.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	59.72%#
43) trans-1,3-Dichloropropene-	7.85	79	150143	27.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.00%#
47) 2-Hexanone-d5	8.34	63	377708	68.78	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.78%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	481138	29.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	59.58%#
64) 1,2-Dichlorobenzene-d4	11.86	152	397013	29.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	59.82%#

Target Compounds					Ovalue
55) Styrene	9.80	104	12223	0.491 ug/L	89

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

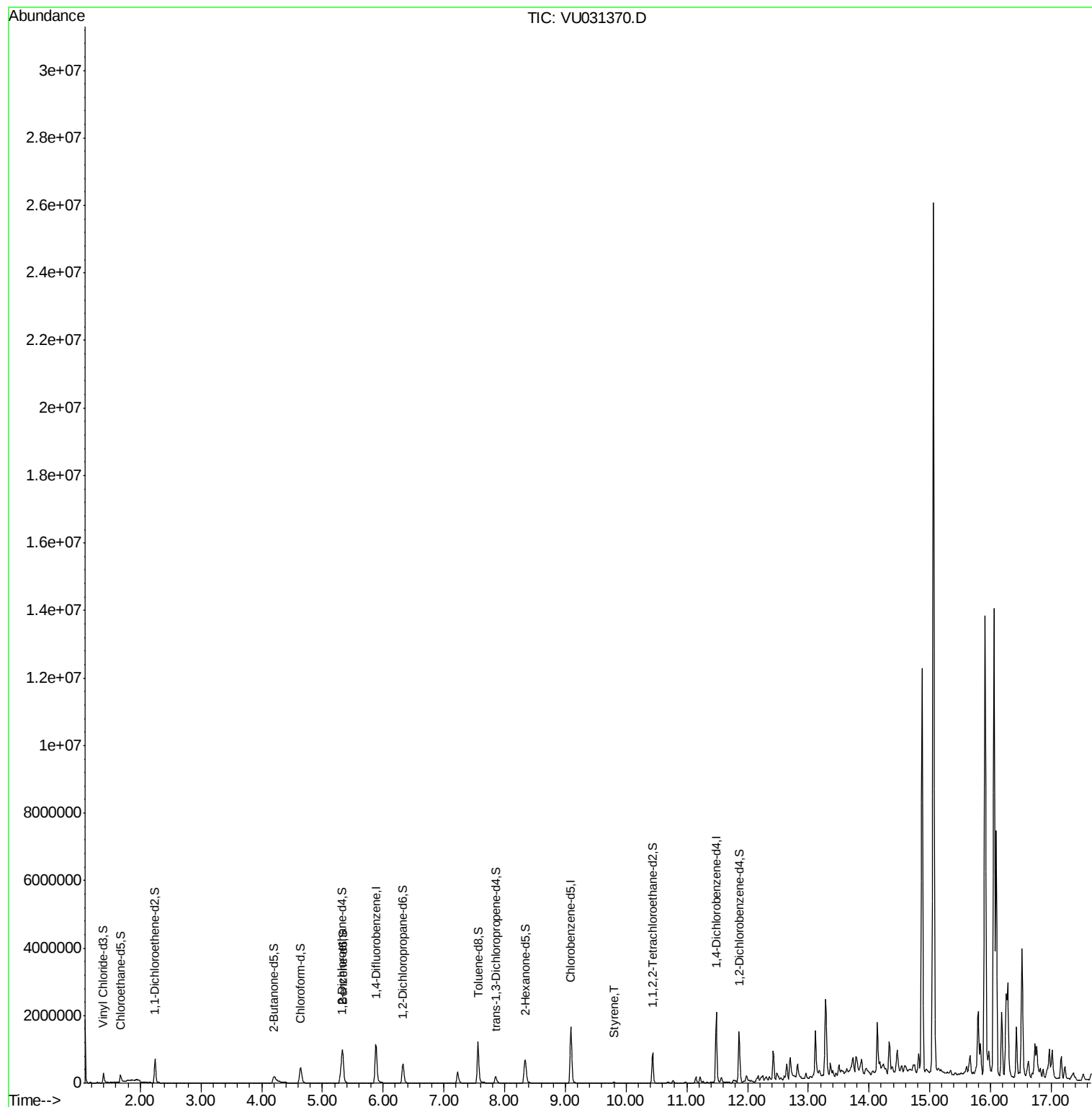
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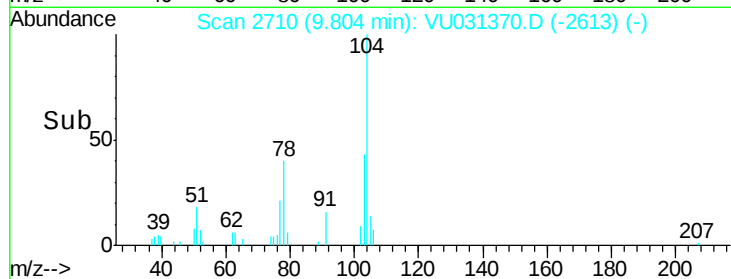
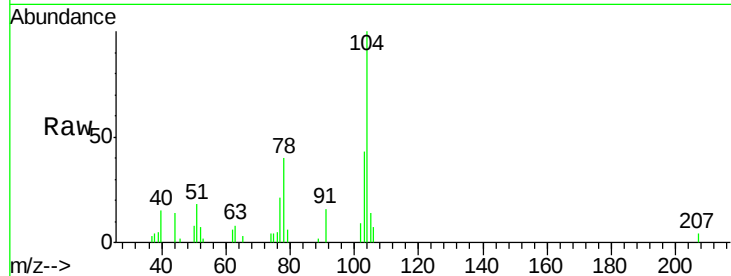
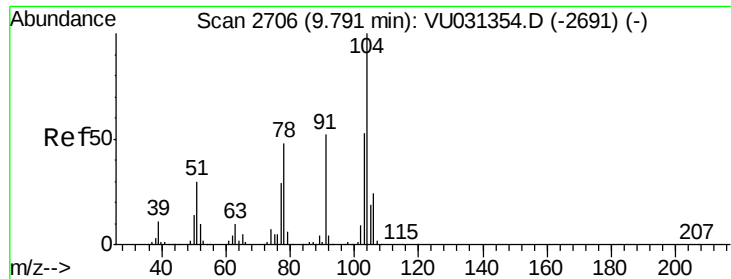
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#55

Stvrene

Concen: 0.491 ug/L

RT: 9.80 min Scan# 2710

Delta R.T. 0.01 min

Lab File: VU031370.D

Acq: 19 Apr 2019 19:30

Tot Ion: 104 Resp: 12223

Ion Ratio Lower Upper

104 100

78 39.7 32.8 61.0

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