

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
Quantitation Report (QT Reviewed)

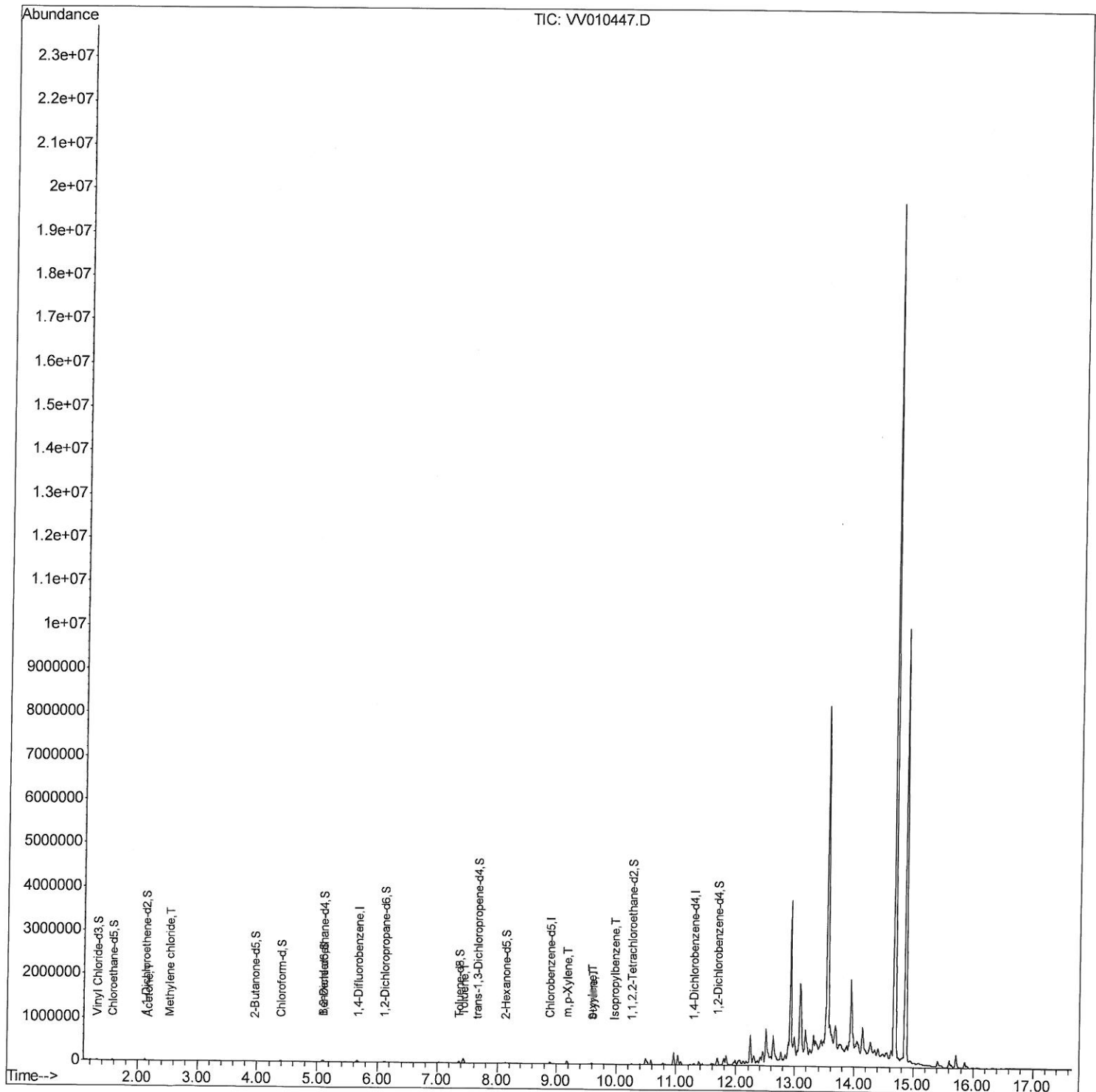
Data File : VV010447.D
Acq On : 23 Apr 2019 10:27
Operator : SY/MD
Sample : K2481-07
Misc : 5.08G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHW2

Manual Integrations
APPROVED

MMDadoda
4/25/2019 9:20:45 AM

Quant Time: Apr 24 02:40:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 02:09:39 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
Quantitation Report (Qedit)

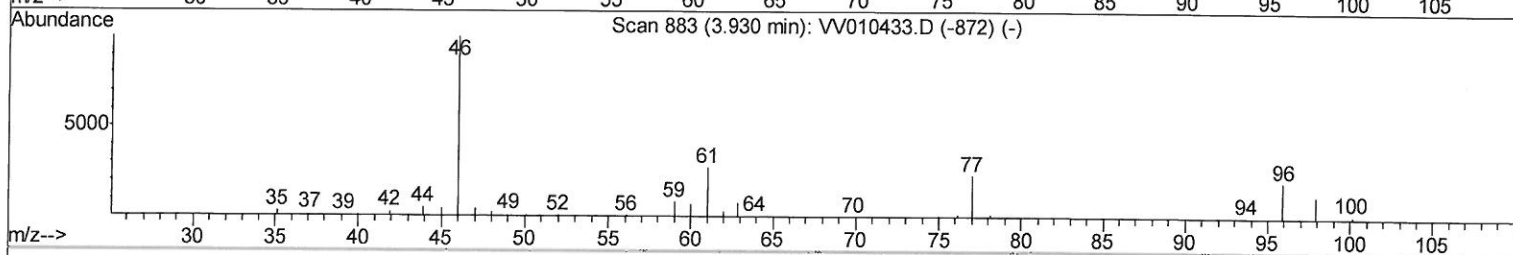
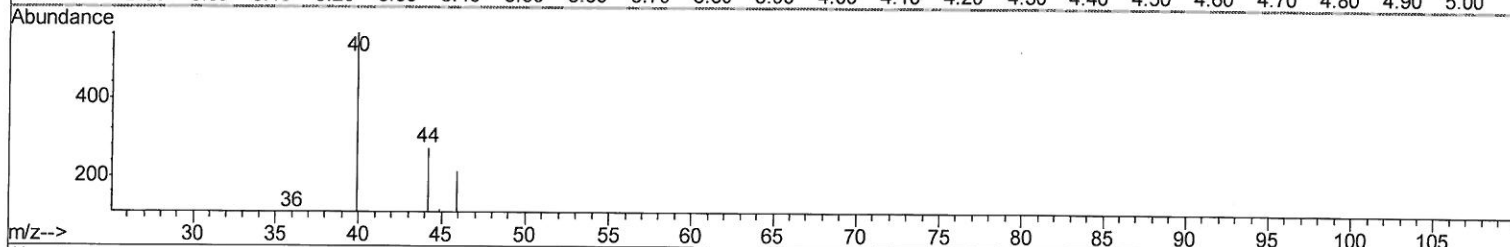
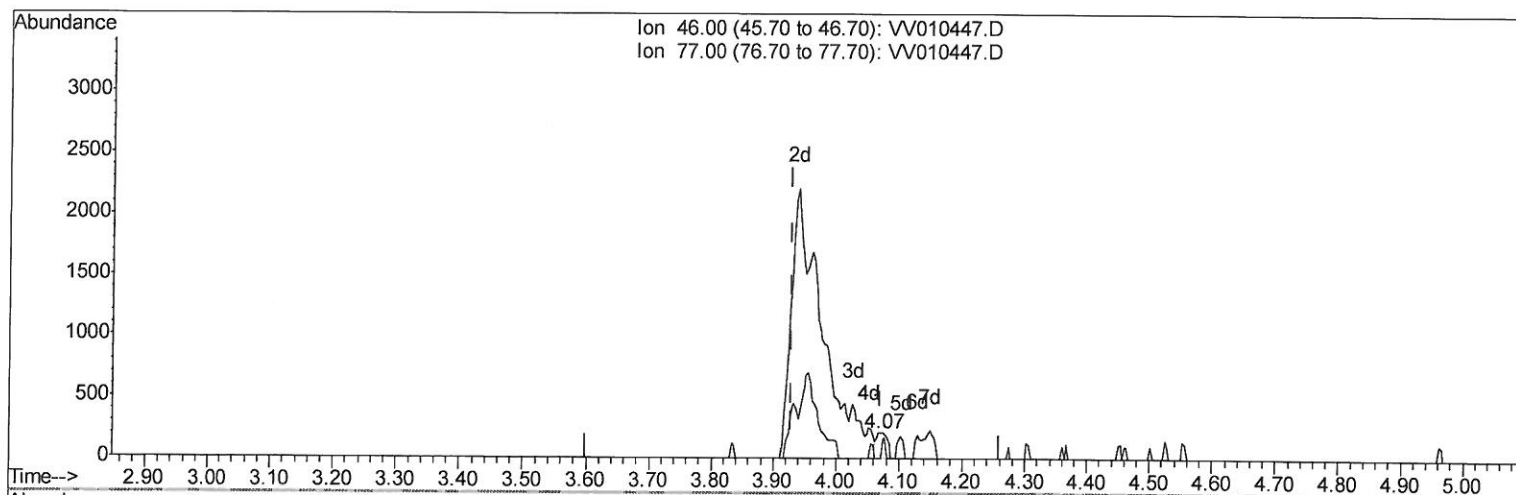
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TIC: VV010447.D

(20) 2-Butanone-d5 (S)

4.068min (+0.138) 1.98ug/L

response 251

Ion	Exp%	Act%
46.00	100	100
77.00	23.90	25.10
0.00	0.00	0.00
0.00	0.00	0.00

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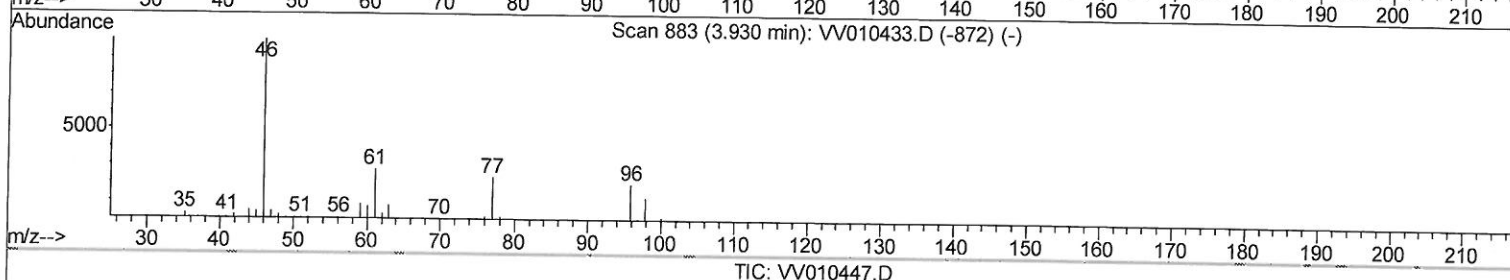
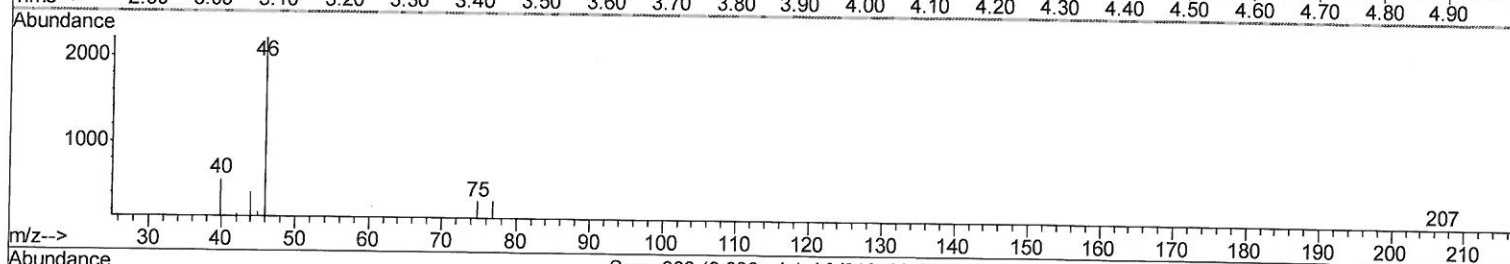
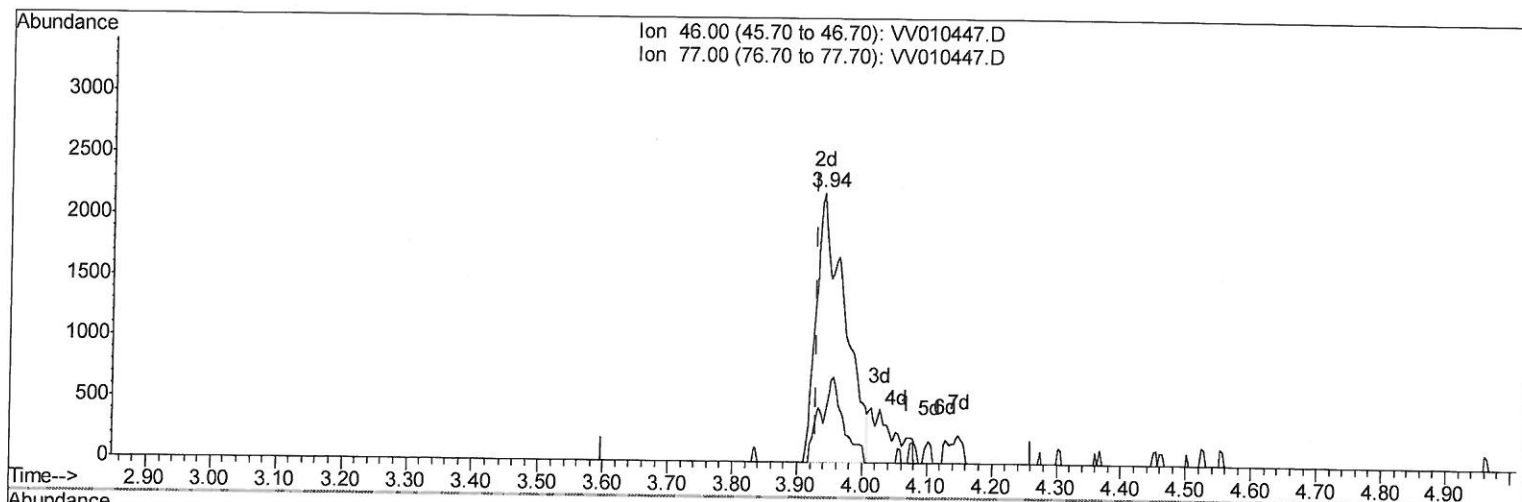
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(20) 2-Butanone-d5 (S)

3.939min (+0.010) 52.36ug/L m

response 6650

Ion	Exp%	Act%
46.00	100	100
77.00	23.90	0.95#
0.00	0.00	0.00
0.00	0.00	0.00

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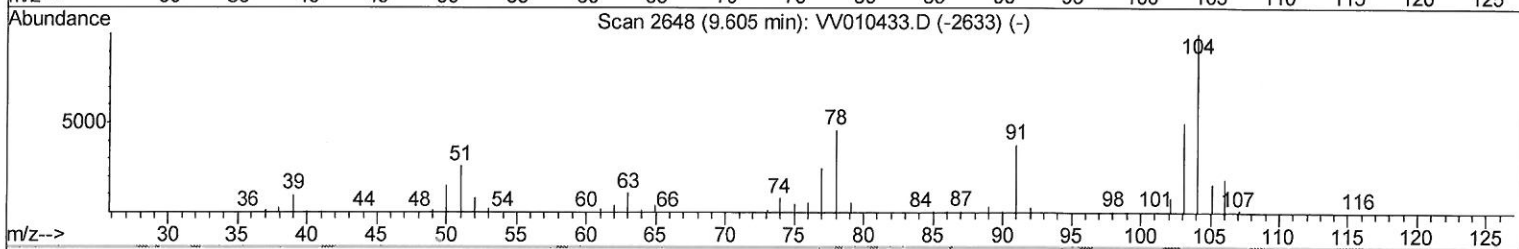
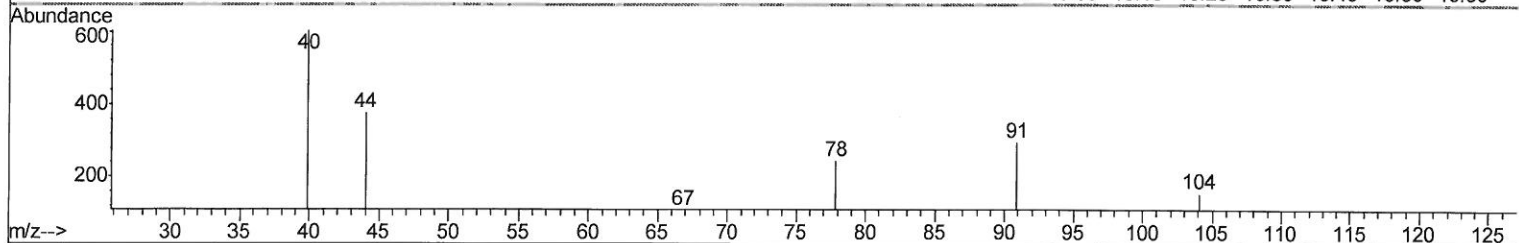
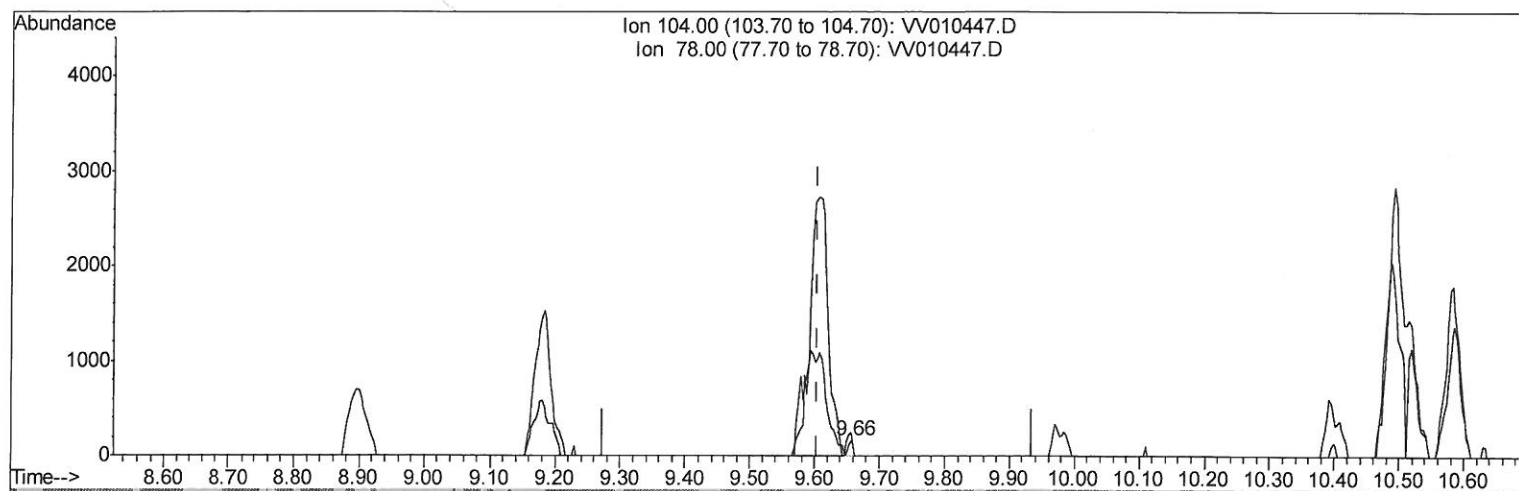
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(56) Styrene (T)

9.656min (+0.051) 0.08ug/L

response 80

Ion	Exp%	Act%
104.00	100	100
78.00	47.60	157.42#
0.00	0.00	0.00
0.00	0.00	0.00

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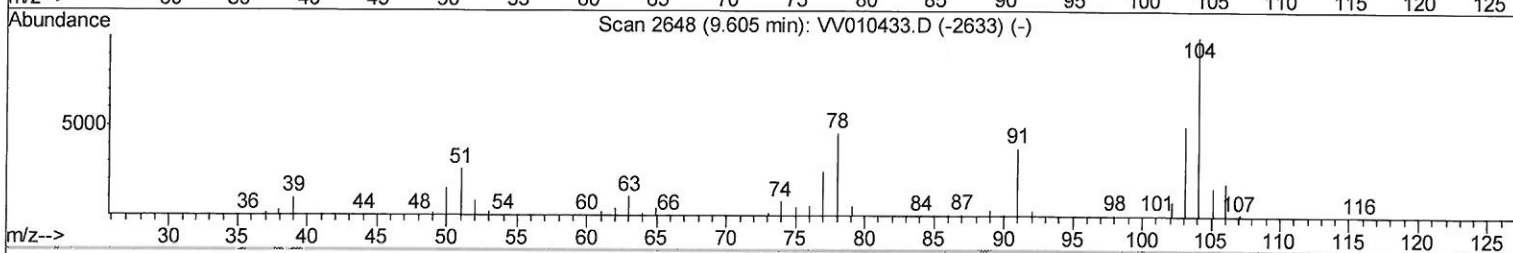
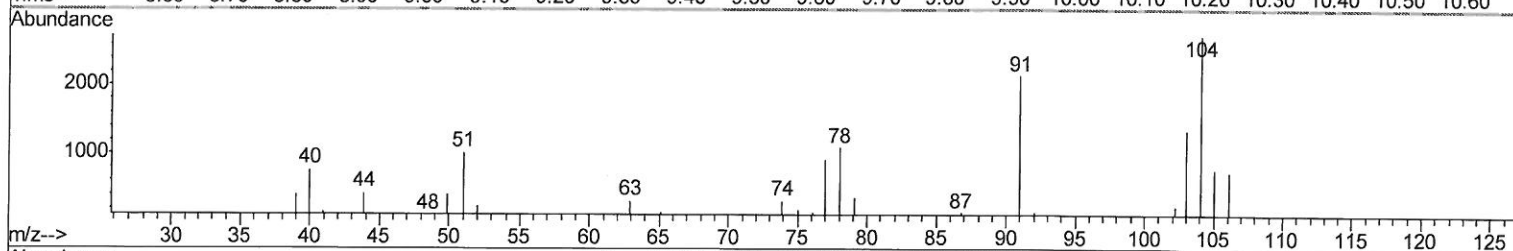
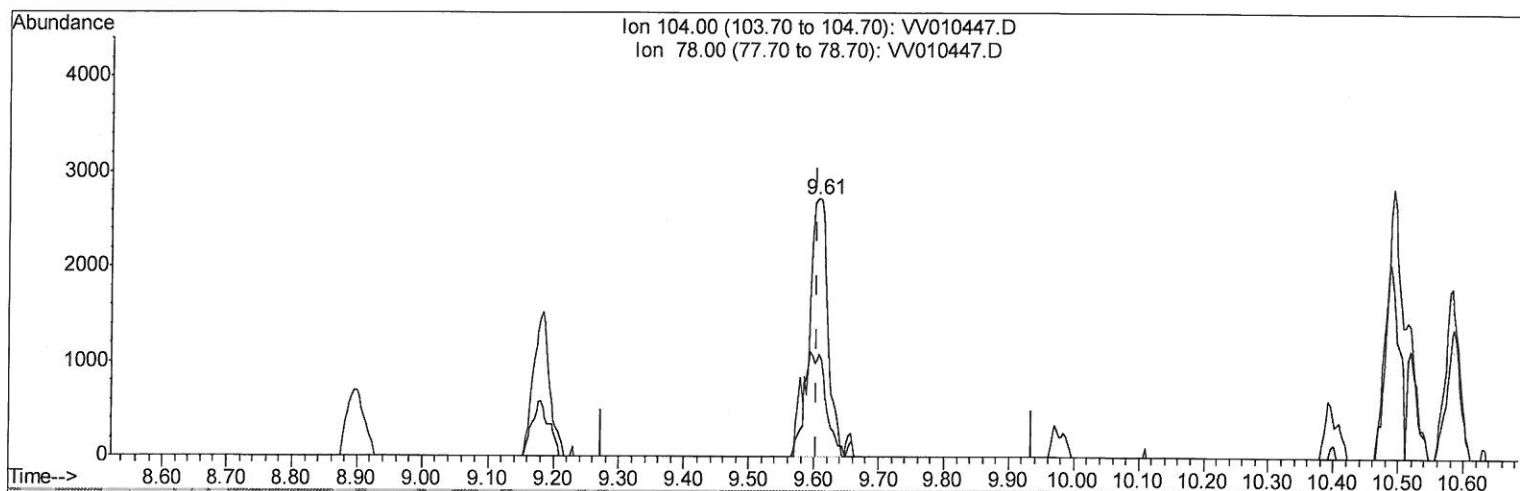
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TIC: VV010447.D

(56) Styrene (T)

9.608min (+0.003) 5.00ug/L m

204/28/19 Sy

response 5285

Ion	Exp%	Act%
104.00	100	100
78.00	47.60	40.00
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	39426	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	26259	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	8032	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10420	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.72%
7) Chloroethane-d5	1.58	69	9811	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.88%
10) 1,1-Dichloroethene-d2	2.13	63	15905	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	3.94	46	6650m	52.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.72%
24) Chloroform-d	4.40	84	25091	26.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	5.08	65	14920	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	5.10	84	40109	33.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.32%
33) 1,2-Dichloropropane-d6	6.12	67	12269	34.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.24%#
37) Toluene-d8	7.36	98	27894	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	7.66	79	3726	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.64%
39) 2-Hexanone-d5	8.14	63	3487	49.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	8028	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	6401	20.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.88%

Target Compounds

					Qvalue
13) Acetone	2.19	43	1924	14.133	ug/L 70
16) Methylene chloride	2.53	84	1448	2.504	ug/L 99
44) Toluene	7.43	91	71820	51.203	ug/L 93
54) m,p-Xylene	9.18	106	19749	30.718	ug/L 83
55) o-xylene	9.59	106	6791	10.604	ug/L 94
56) Styrene	9.61	104	5285m	5.002	ug/L 88
57) Isopropylbenzene	9.98	105	4908	2.837	ug/L #

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