

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061219\
 Data File : VV011463.D
 Acq On : 13 Jun 2019 16:26
 Operator : SY/MD
 Sample : K3310-11
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM06

Quant Time: Jun 14 05:33:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 04:38:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136244	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43400	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	35374	4.12	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	70874	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.97	46	106228	45.70	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.40%
24) Chloroform-d	4.40	84	83303	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	47426	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	167942	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.12	67	53275	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	144178	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.67	79	14060	3.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.60%
46) 2-Hexanone-d5	8.14	63	85135	45.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34955	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	44047	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

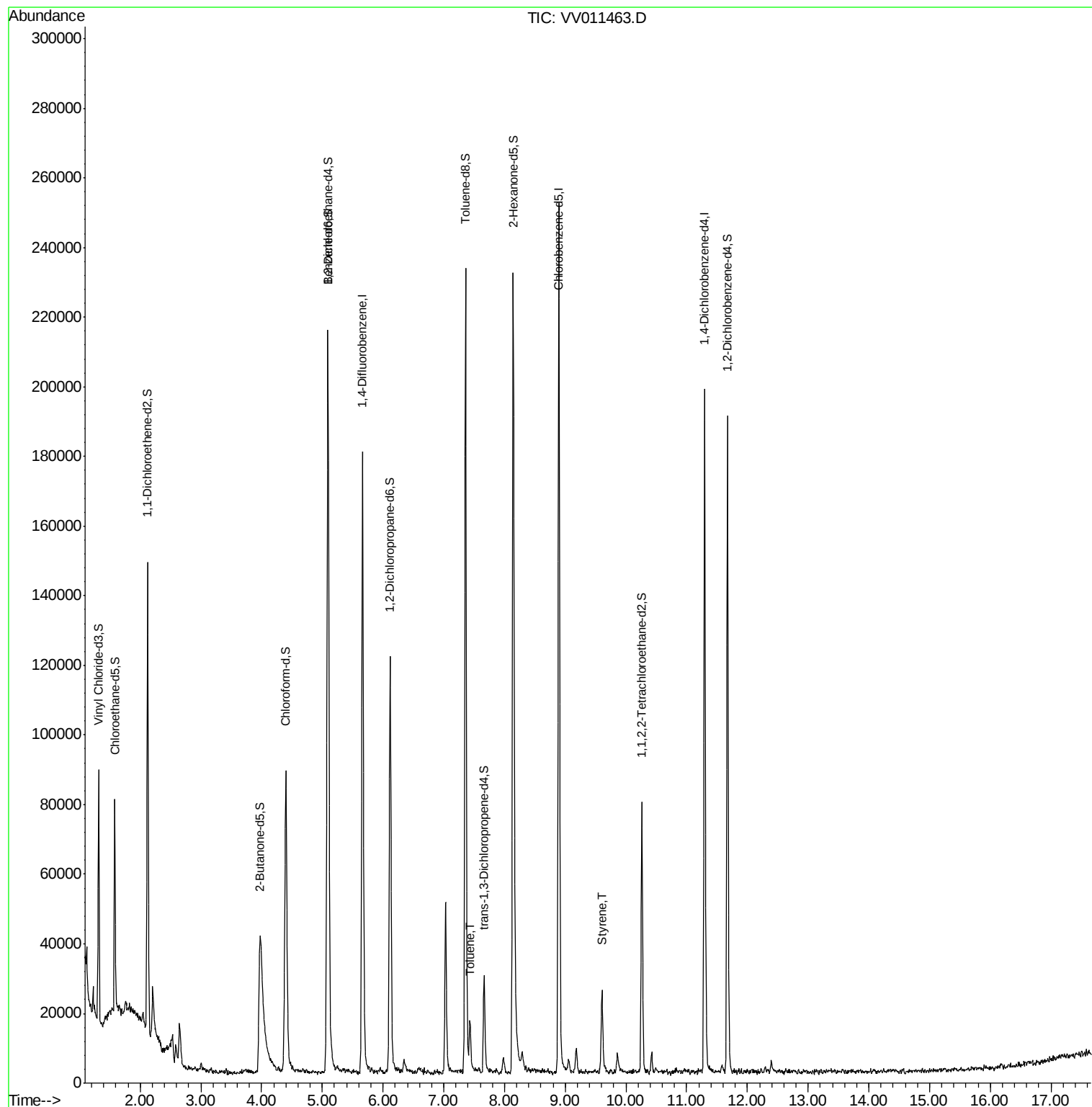
Target Compounds					Ovalue
42) Toluene	7.43	91	7862	0.184 ug/L	95
55) Styrene	9.61	104	11000	0.392 ug/L	95

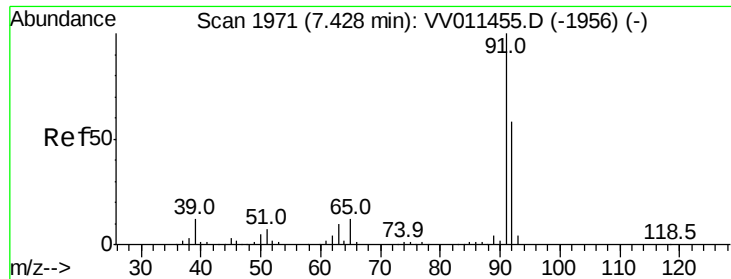
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 0.184 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

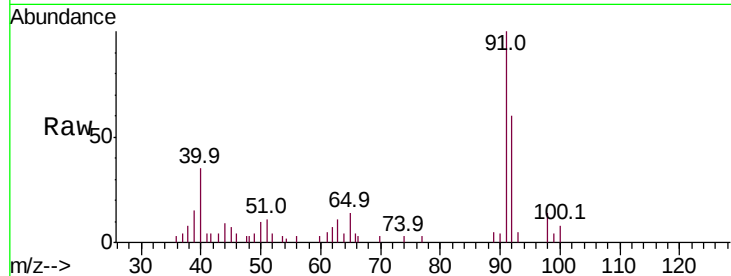
COM06

Tot Ion: 91 Resp: 7862

Ion Ratio Lower Upper

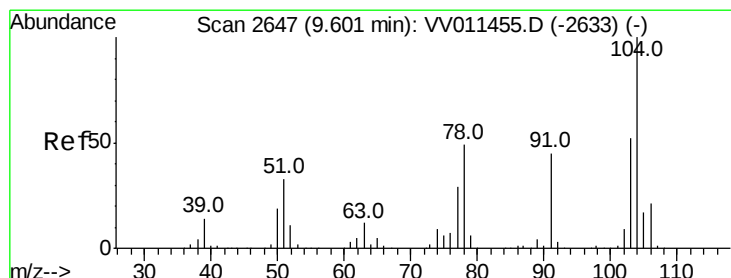
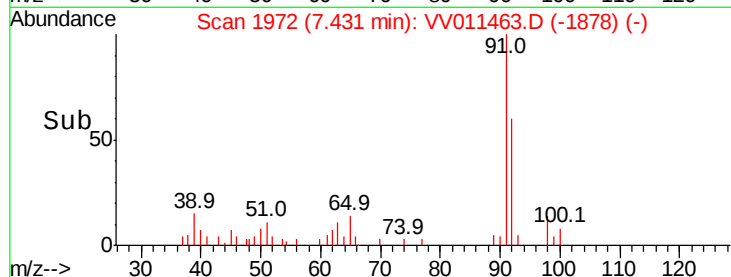
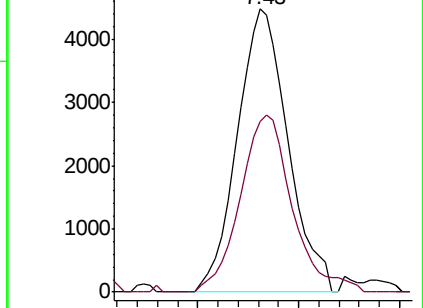
91 100

92 60.4 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV011455.D (-1956) (-)

Ion 92.15 (91.85 to 92.85): VV011455.D (-1956) (-)



#55

Styrene

Concen: 0.392 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.01 min

Lab File: VV011463.D

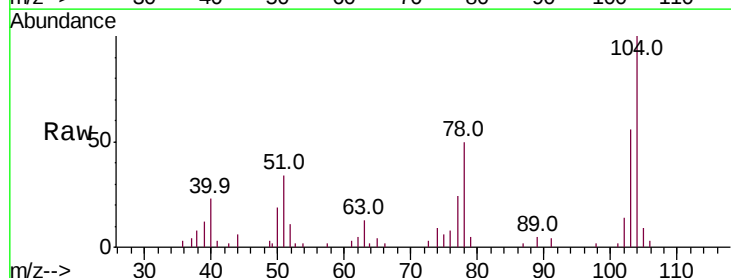
Acq: 13 Jun 2019 16:26

Tgt Ion: 104 Resp: 11000

Ion Ratio Lower Upper

104 100

78 49.7 32.4 60.2



Abundance Ion 104.10 (103.80 to 104.80): VV011455.D (-2633) (-)

Ion 78.10 (77.80 to 78.80): VV011455.D (-2633) (-)

