

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061219\
 Data File : VV011457.D
 Acq On : 13 Jun 2019 13:38
 Operator : SY/MD
 Sample : K3314-06
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM21

Quant Time: Jun 14 04:57:11 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	167750	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152172	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26903	2.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	42.40%
7) Chloroethane-d5	1.58	69	26441	2.50	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.00%#
11) 1,1-Dichloroethene-d2	2.12	63	49710	1.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	39.20%#
20) 2-Butanone-d5	3.97	46	95177	33.26	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.52%
24) Chloroform-d	4.40	84	68672	3.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.40%#
26) 1,2-Dichloroethane-d4	5.08	65	40609	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
32) Benzene-d6	5.09	84	132852	2.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.40%#
36) 1,2-Dichloropropane-d6	6.12	67	42612	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	60.80%
41) Toluene-d8	7.36	98	114045	2.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	54.60%#
43) trans-1,3-Dichloropropene-	7.66	79	11411	2.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	42.60%#
46) 2-Hexanone-d5	8.14	63	76843	34.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30299	3.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.40%#
64) 1,2-Dichlorobenzene-d4	11.67	152	37348	3.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	63.40%#

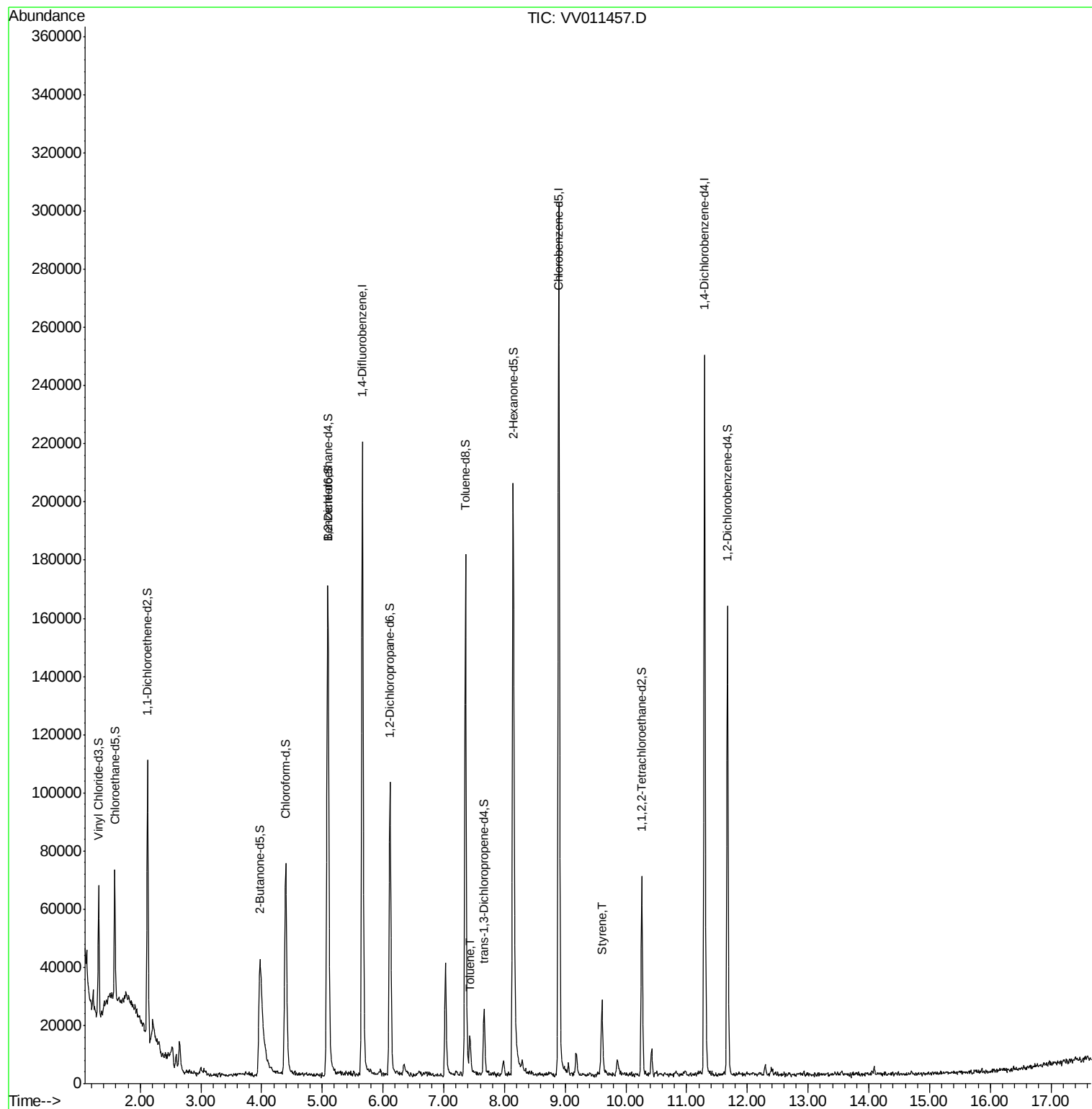
Target Compounds					Ovalue
42) Toluene	7.43	91	8415	0.163 ug/L	92
55) Styrene	9.60	104	12206	0.360 ug/L	98

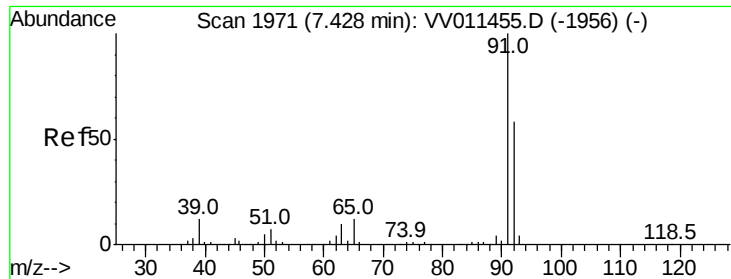
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 0.163 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

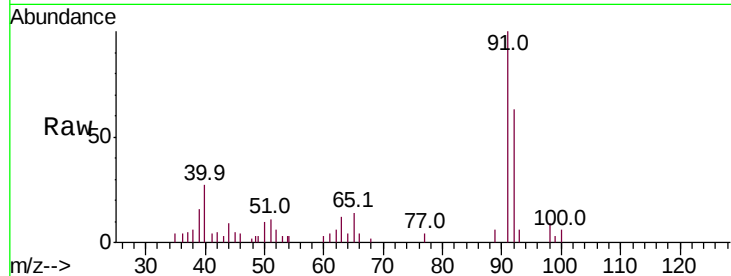
COM21

Tot Ion: 91 Resp: 8415

Ion Ratio Lower Upper

91 100

92 62.6 39.9 74.1



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

Ion 92.15 (91.85 to 92.85): VV011457.D (-1878) (-)

7.43

4000

3000

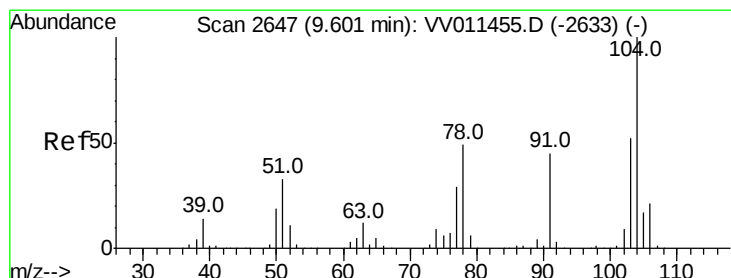
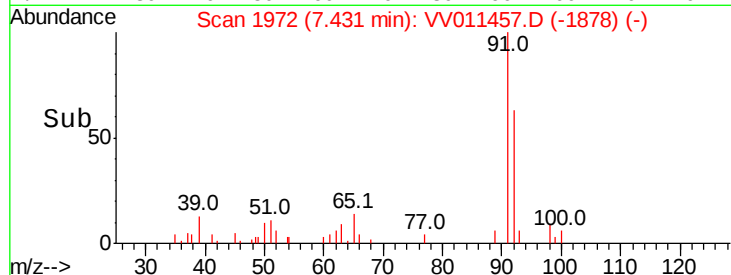
2000

1000

0

Time-->

7.35 7.40 7.45 7.50



#55

Styrene

Concen: 0.360 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

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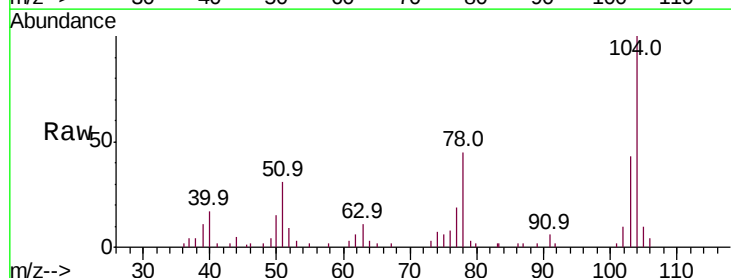
Acq: 13 Jun 2019 13:38

Tgt Ion: 104 Resp: 12206

Ion Ratio Lower Upper

104 100

78 44.9 32.4 60.2



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

Ion 78.10 (77.80 to 78.80): VV011457.D (-2554) (-)

9.60

8000

6000

4000

2000

0

Time-->

9.55 9.60 9.65 9.70

