

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011507.D
 Acq On : 14 Jun 2019 23:04
 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 15 02:03:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 15 01:30:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	183285	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165544	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	54828	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	40418	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.12	63	81785	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	181243	46.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	4.40	84	111171	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.08	65	66298	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.09	84	218611	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.12	67	69047	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	183747	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.66	79	19937	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	143139	47.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50942	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	61527	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

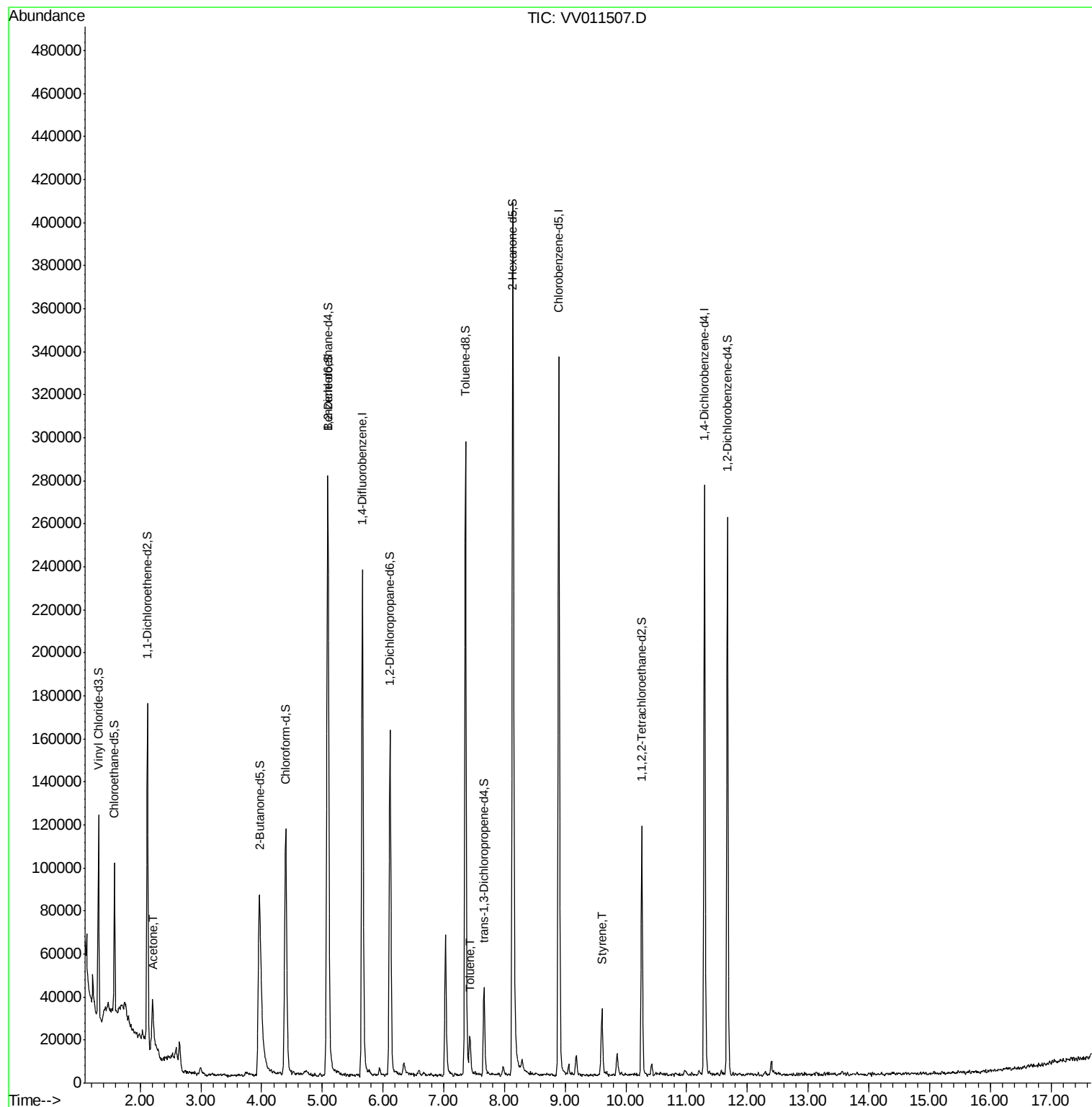
Target Compounds					Ovalue
13) Acetone	2.23	43	11438	4.359 ug/L	88
42) Toluene	7.43	91	11535	0.206 ug/L	98
55) Styrene	9.60	104	14133	0.394 ug/L	100

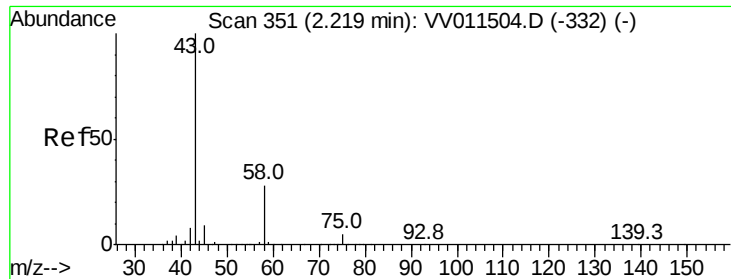
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.359 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

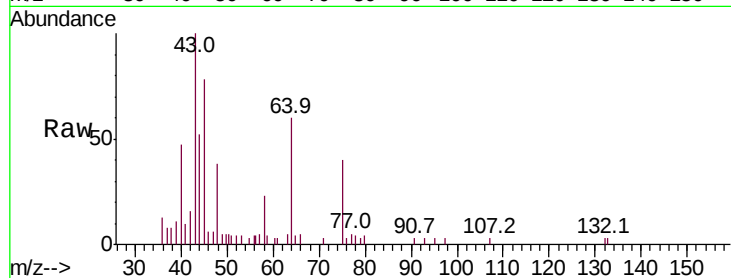
COM21

Tot Ion: 43 Resp: 11438

Ion Ratio Lower Upper

43 100

58 22.7 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV011504.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV011504.D (-332) (-)

2.23

4000

3000

2000

1000

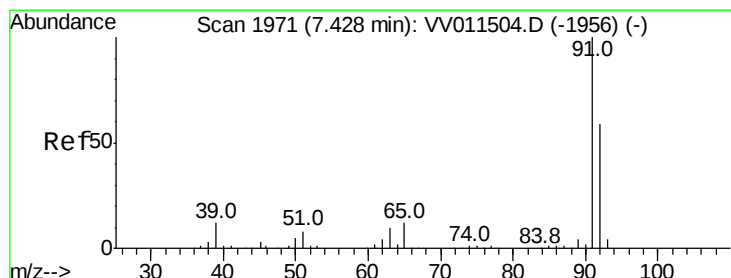
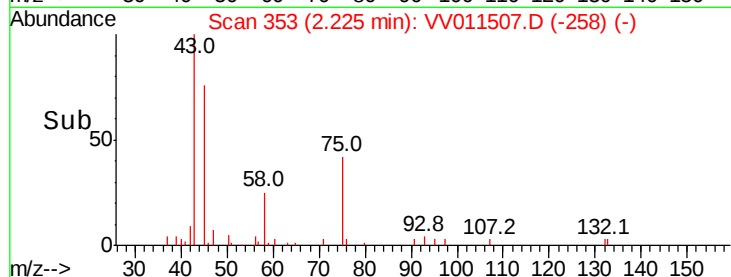
0

Time-->

2.10

2.20

2.30



#42

Toluene

Concen: 0.206 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

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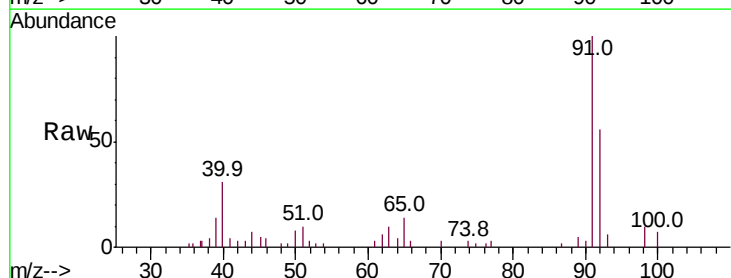
Acq: 14 Jun 2019 23:04

Tgt Ion: 91 Resp: 11535

Ion Ratio Lower Upper

91 100

92 56.4 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV011504.D (-1956) (-)

Ion 92.15 (91.85 to 92.85): VV011504.D (-1956) (-)

7.43

6000

4000

2000

0

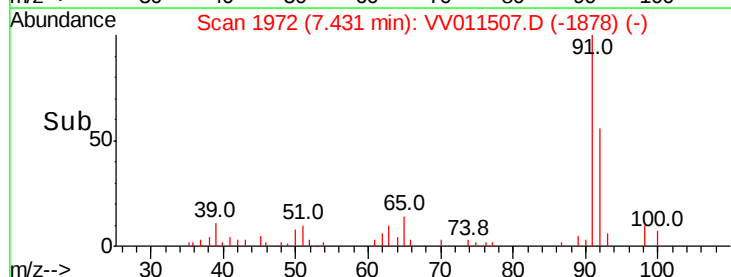
Time-->

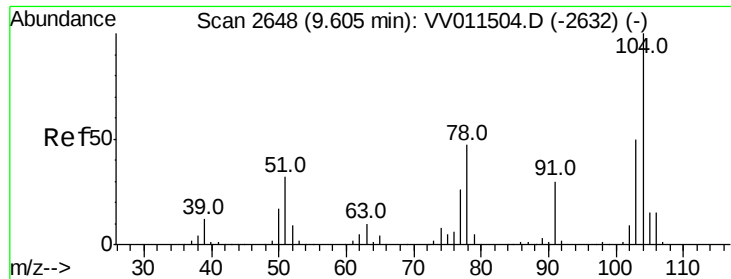
7.35

7.40

7.45

7.50





#55

Stvrene

Concen: 0.394 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. -0.00 min

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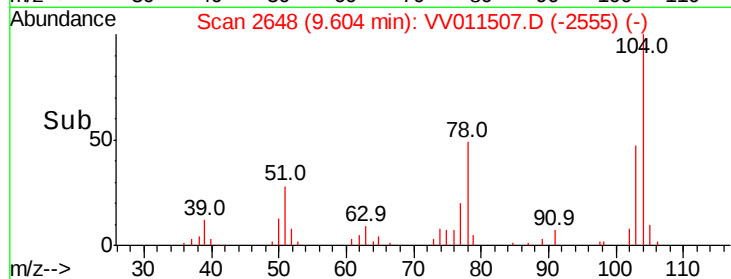
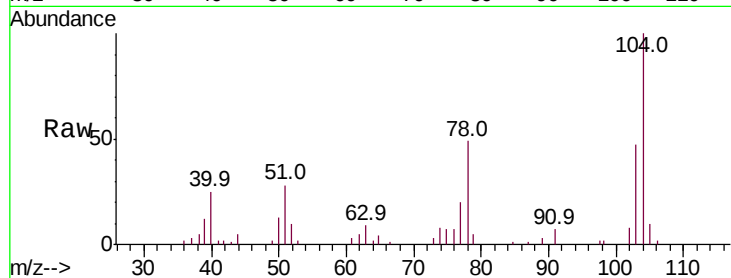
COM21

Tot Ion:104 Resp: 14133

Ion Ratio Lower Upper

104 100

78 48.7 34.0 63.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

