

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
 Data File : VV012526.D
 Acq On : 02 Sep 2019 14:03
 Operator : SY/MD
 Sample : K4607-12
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD68

Quant Time: Sep 03 06:29:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 05:44:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	150918	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67033	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.59	69	68048	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	111029	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	131199	46.97	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.94%
24) Chloroform-d	4.40	84	103783	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	56807	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	200568	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	64767	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	164649	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	21496	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	79866	44.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40896	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	56195	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

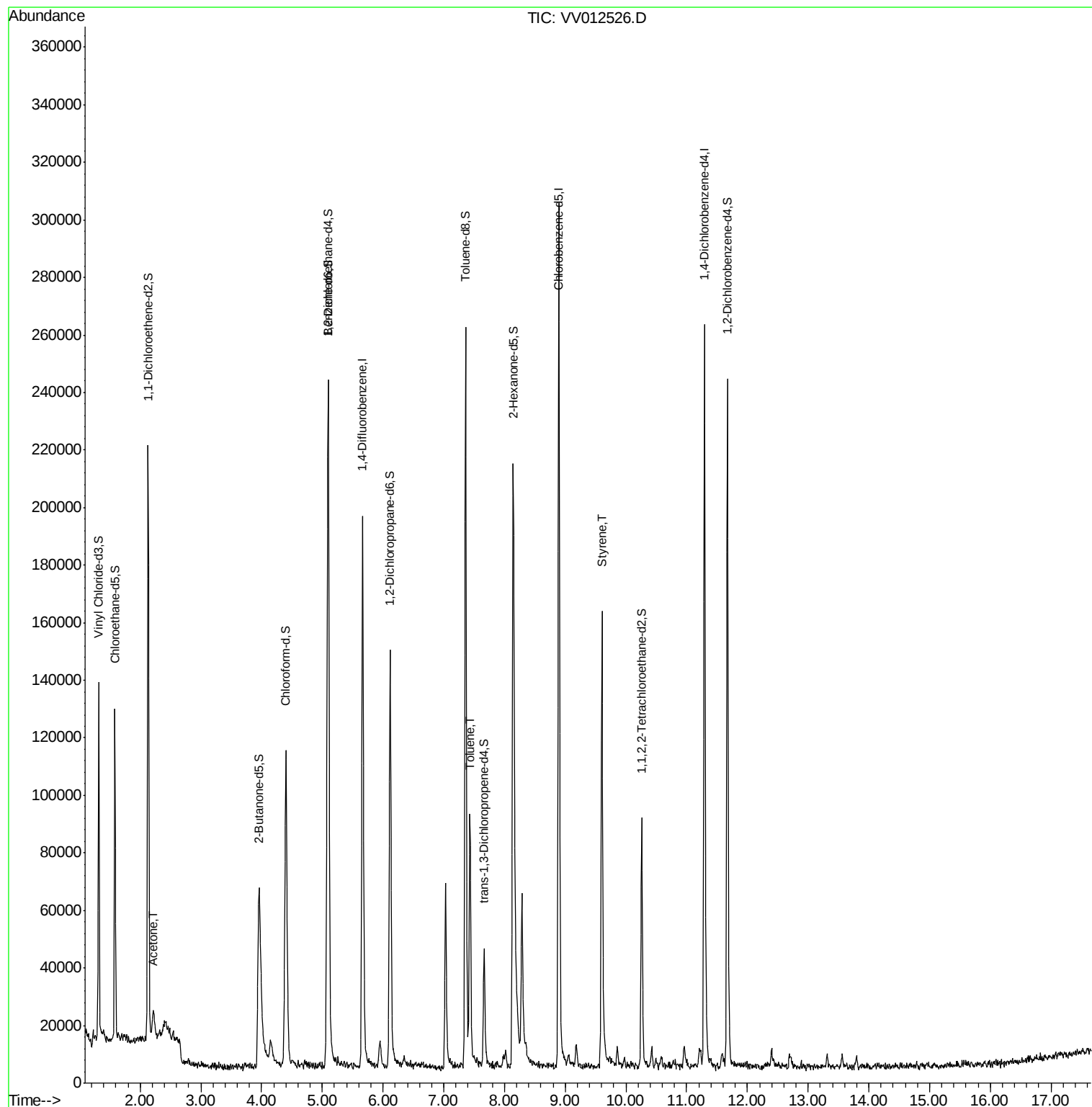
Target Compounds					Ovalue
13) Acetone	2.21	43	15309	3.863 ug/L	95
42) Toluene	7.43	91	59386	0.889 ug/L	96
55) Styrene	9.60	104	67993	1.602 ug/L	98

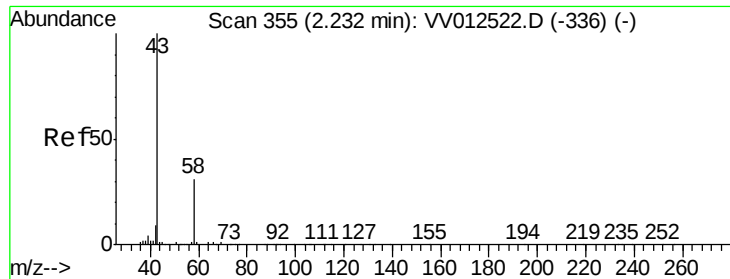
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.863 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

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Acq: 02 Sep 2019 14:03

Instrument :

MSVOA_V

ClientSampleId :

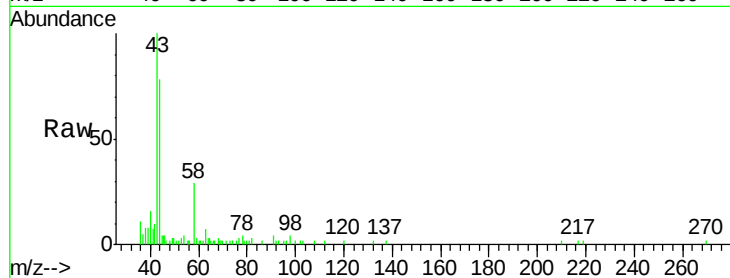
BFD68

Tot Ion: 43 Resp: 15309

Ion Ratio Lower Upper

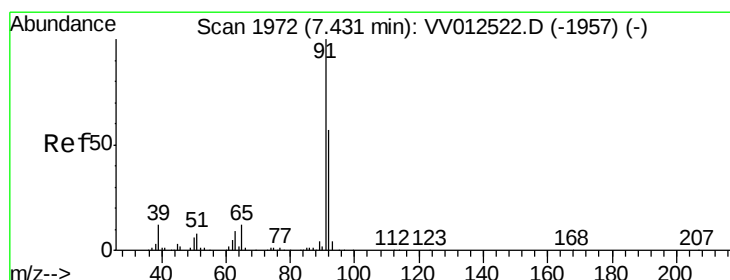
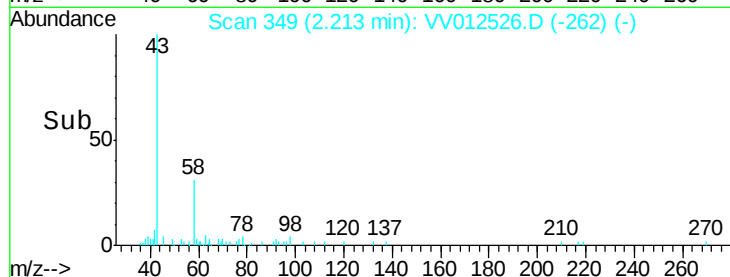
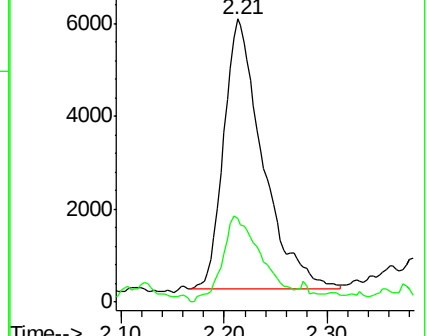
43 100

58 31.9 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#42

Toluene

Concen: 0.889 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012526.D

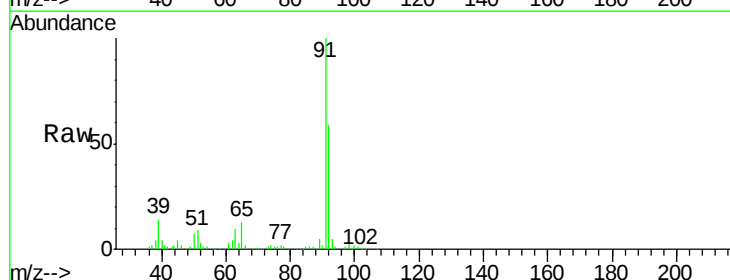
Acq: 02 Sep 2019 14:03

Tgt Ion: 91 Resp: 59386

Ion Ratio Lower Upper

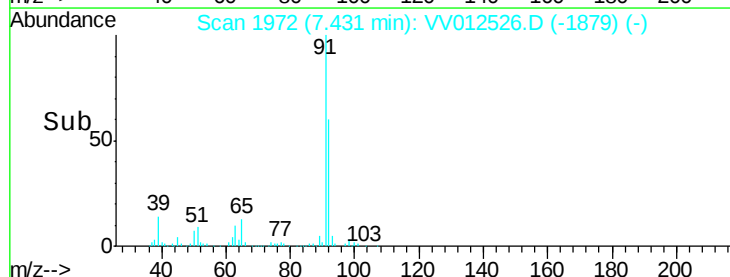
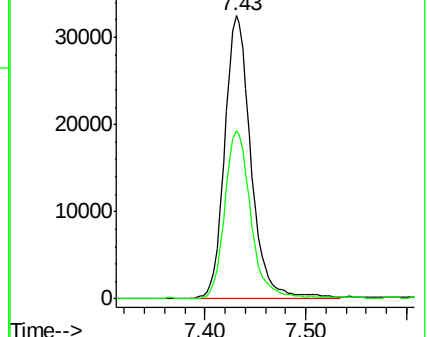
91 100

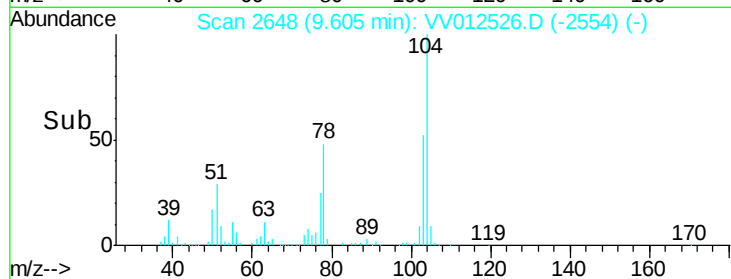
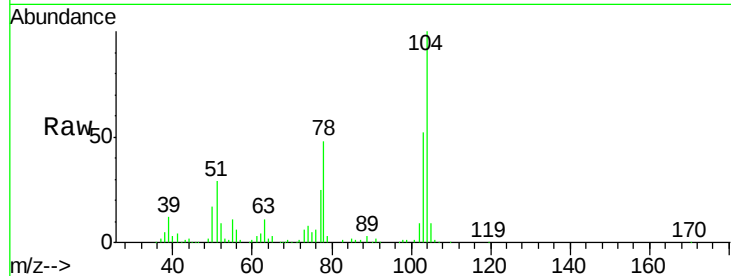
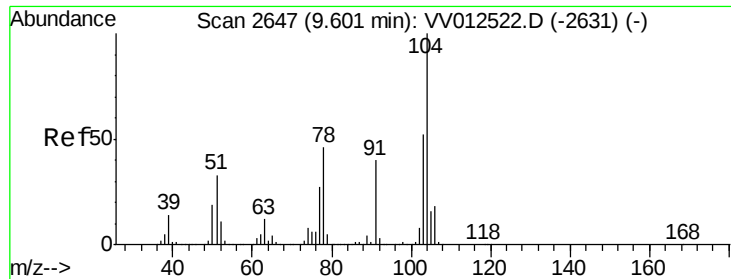
92 59.3 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#55

Stvrene

Concen: 1.602 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

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Acq: 02 Sep 2019 14:03

Instrument :

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Tot Ion:104 Resp: 67993

Ion Ratio Lower Upper

104 100

78 47.5 32.3 60.1

