

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012852.D
 Acq On : 16 Sep 2019 22:41
 Operator : SY/MD
 Sample : K4834-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COME4

Quant Time: Sep 17 08:19:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 07:22:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	391702	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144596	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124043	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	99187	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	159922	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.97	46	209769	55.94	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.88%
24) Chloroform-d	4.40	84	203309	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	103576	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.09	84	409132	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	128663	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	324983	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.66	79	38628	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.14	63	109196	47.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	69925	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	111954	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

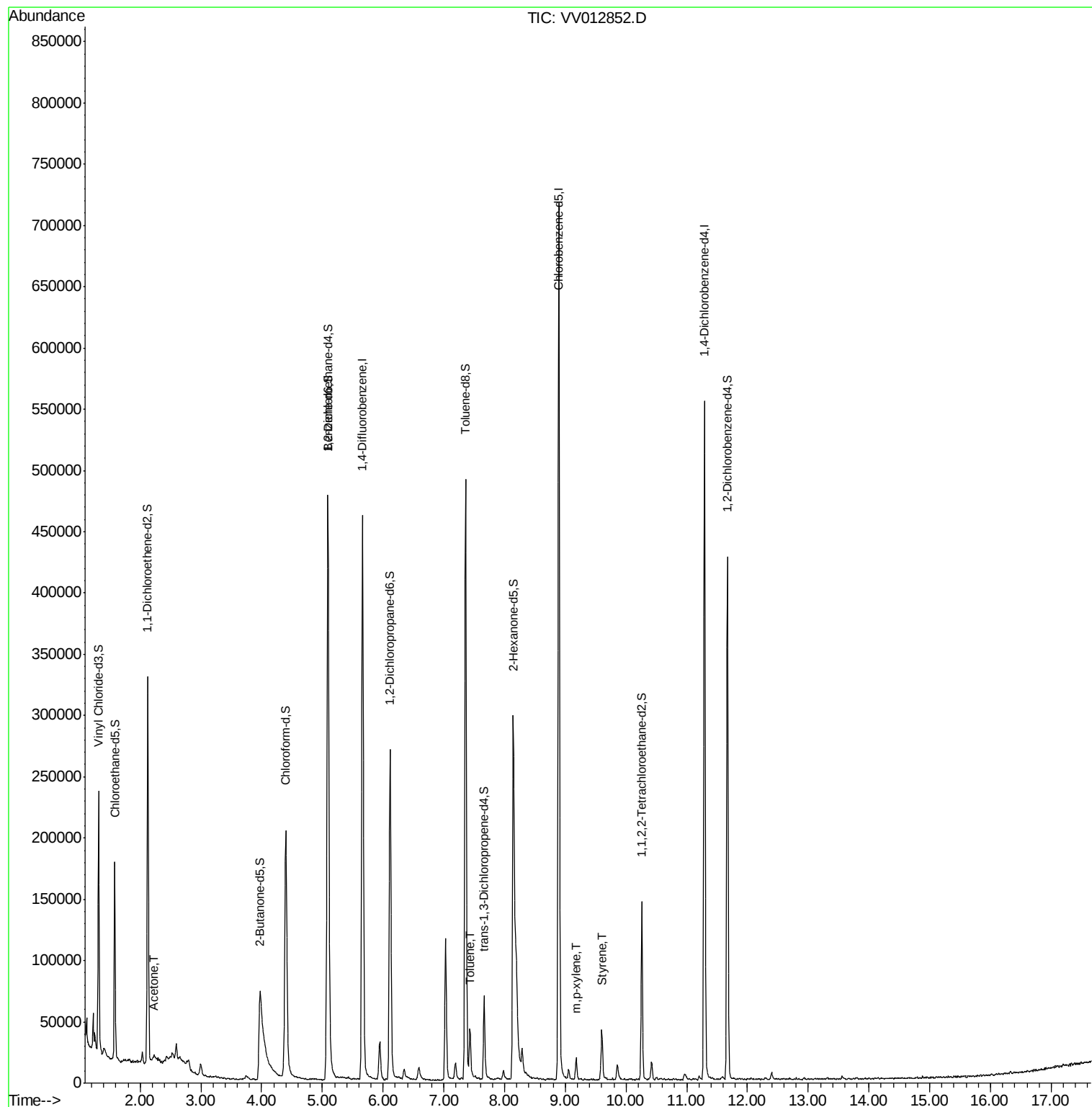
					Ovalue
13) Acetone	2.23	43	11442	3.938	ug/L 75
42) Toluene	7.43	91	27861	0.280	ug/L 95
53) m,p-xylene	9.18	106	5165	0.131	ug/L 92
55) Styrene	9.60	104	19584	0.301	ug/L 99

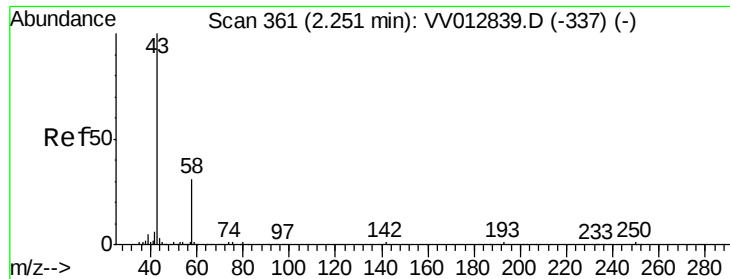
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.938 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.02 min

Lab File: VV012852.D

Acq: 16 Sep 2019 22:41

Instrument :

MSVOA_V

ClientSampleId :

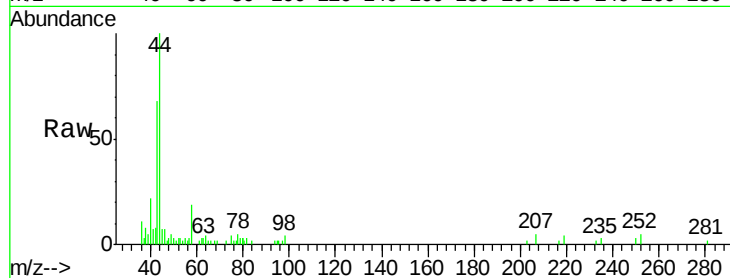
COME4

Tot Ion: 43 Resp: 11442

Ion Ratio Lower Upper

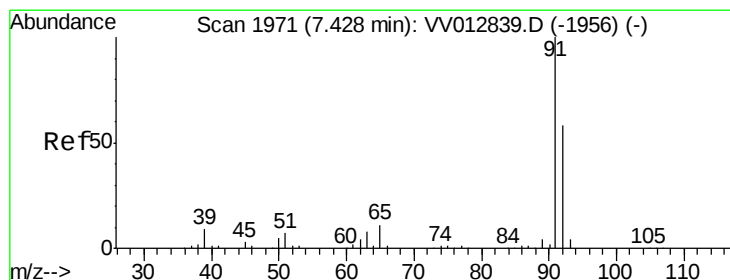
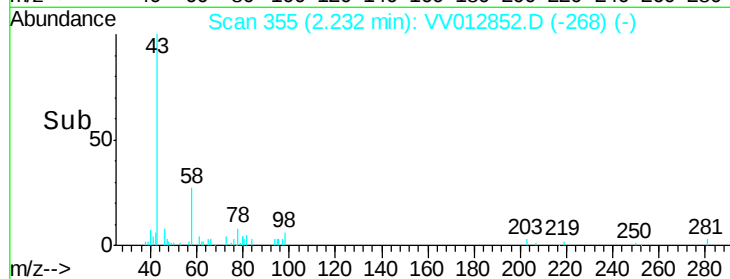
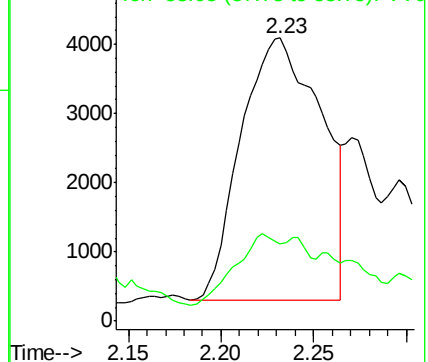
43 100

58 14.9 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#42

Toluene

Concen: 0.280 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012852.D

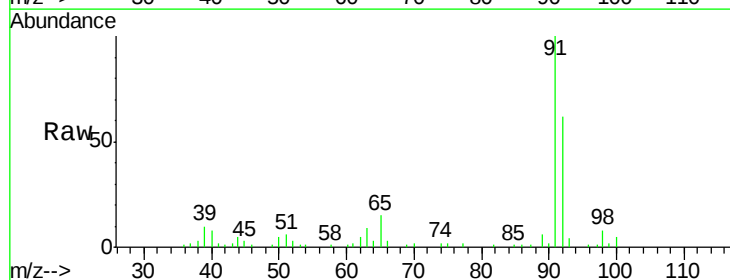
Acq: 16 Sep 2019 22:41

Tgt Ion: 91 Resp: 27861

Ion Ratio Lower Upper

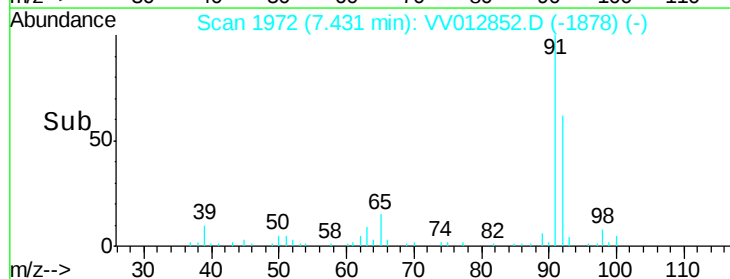
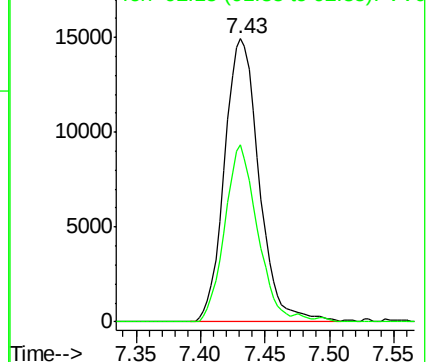
91 100

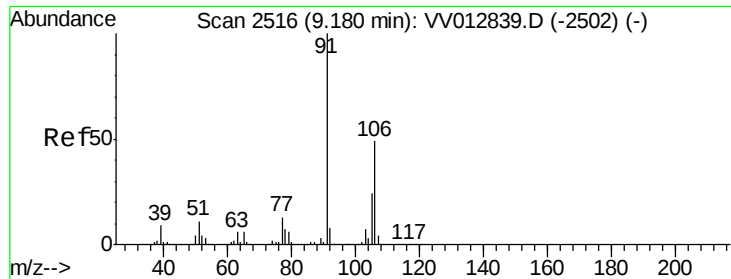
92 62.4 41.0 76.2



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

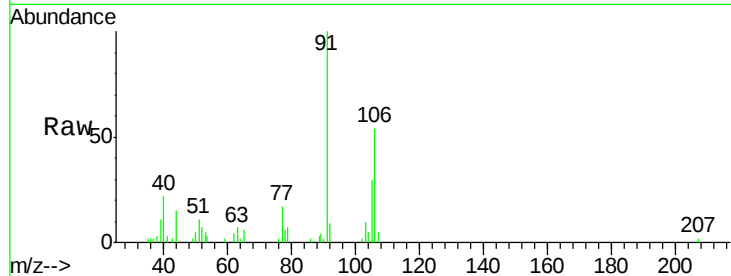




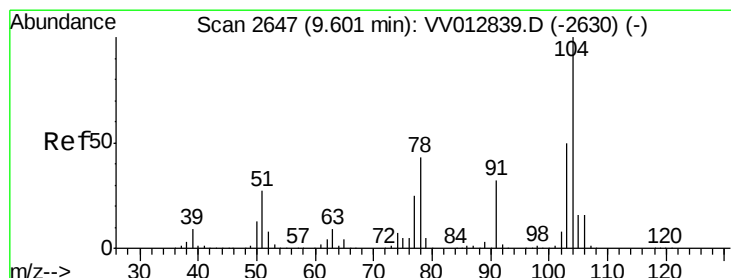
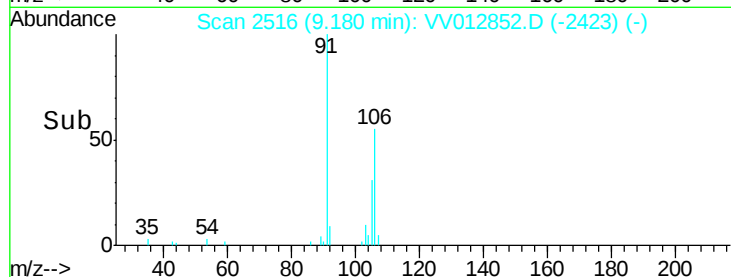
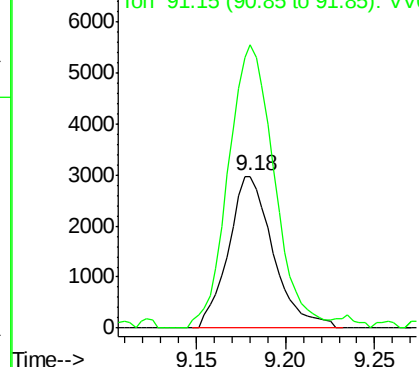
#53
m,p-xylene
Concen: 0.131 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012852.D
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Instrument :
MSVOA_V
ClientSampled :
COME4

Tot Ion:106 Resp: 5165
Ion Ratio Lower Upper
106 100
91 186.2 138.9 258.1

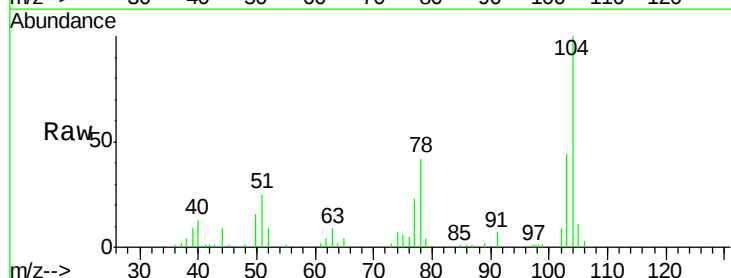


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#55
Styrene
Concen: 0.301 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV012852.D
Acq: 16 Sep 2019 22:41

Tgt Ion:104 Resp: 19584
Ion Ratio Lower Upper
104 100
78 42.2 30.2 56.0



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0

