

Data File : VU034723.D
Acq On : 21 Sep 2019 05:01
Operator : JC/SP
Sample : K4993-03MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOH7

Quant Time: Sep 21 05:33:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	434755	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	412423	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	176604	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	161171	36.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.42%
7) Chloroethane-d5	1.67	69	142851	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.06%
11) 1,1-Dichloroethene-d2	2.26	63	274999	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
21) 2-Butanone-d5	4.41	46	184	0.05	ug/L	0.26
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.05%#
24) Chloroform-d	4.62	84	310552	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.29	65	230419	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.32	84	608945	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
36) 1,2-Dichloropropane-d6	6.31	67	214699	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.10%
41) Toluene-d8	7.54	98	562558	46.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.52%
43) trans-1,3-Dichloropropene-	7.83	79	89934	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.06%
47) 2-Hexanone-d5	8.29	63	212275	94.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.59%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	293589	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	11.84	152	180848	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

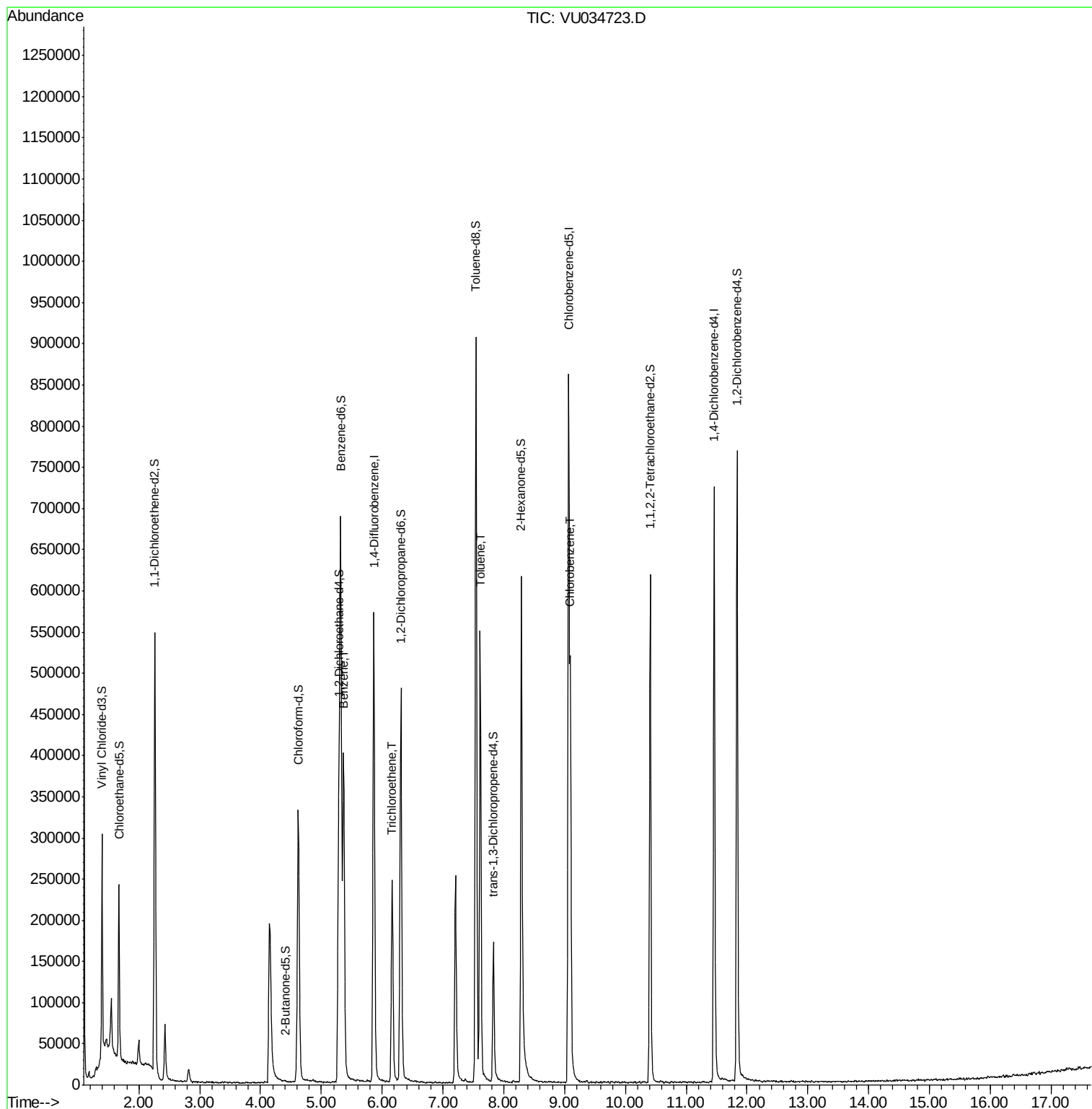
Target Compounds					Qvalue
33) Benzene	5.37	78	347965	24.327 ug/L	100
34) Trichloroethene	6.16	95	83812	23.725 ug/L	96
42) Toluene	7.61	91	374472	24.224 ug/L	97
51) Chlorobenzene	9.10	112	229272	24.398 ug/L	99

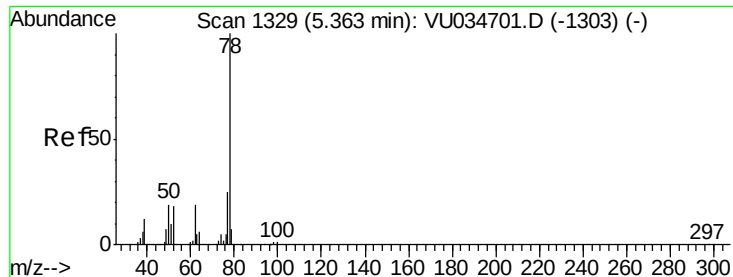
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 24.327 ug/L

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

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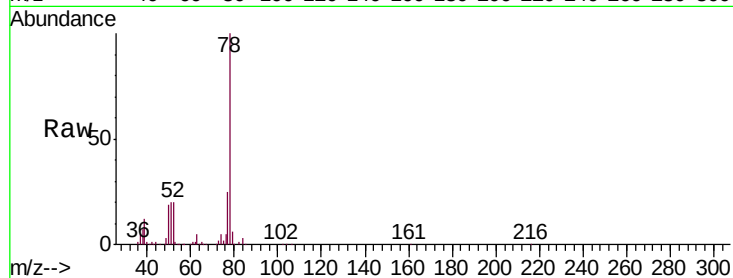
Instrument :

MSVOA_U

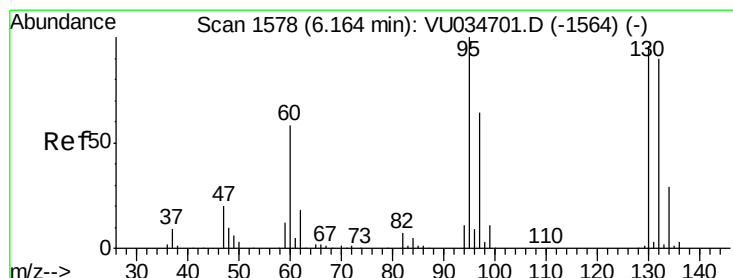
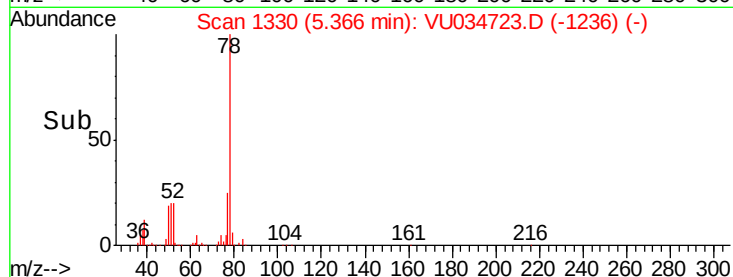
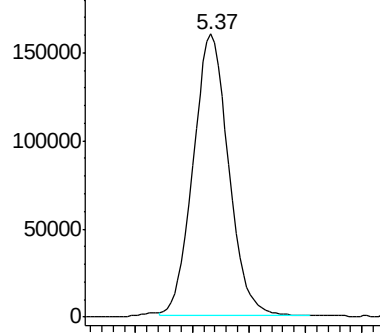
ClientSampled :

ETOH7

Tgt Ion: 78 Resp: 347965



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 23.725 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 83812

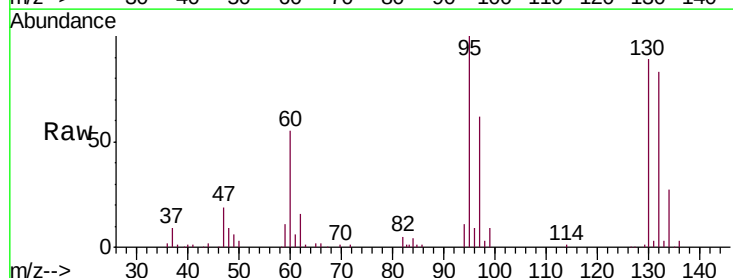
Ion	Ratio	Lower	Upper
95	100		
97	62.2	43.7	81.1
132	83.0	61.0	113.2
130	88.7	65.7	121.9

95 100

97 62.2 43.7 81.1

132 83.0 61.0 113.2

130 88.7 65.7 121.9

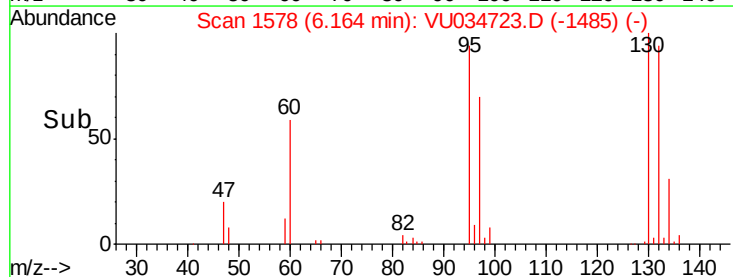
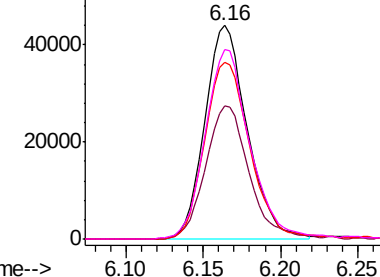


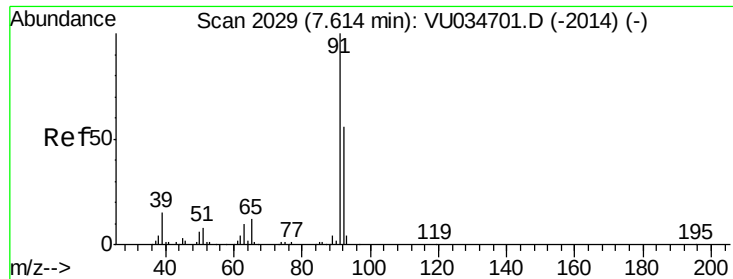
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 24.224 ug/L

RT: 7.61 min Scan# 2029

Delta R.T. -0.00 min

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ClientSampleId :

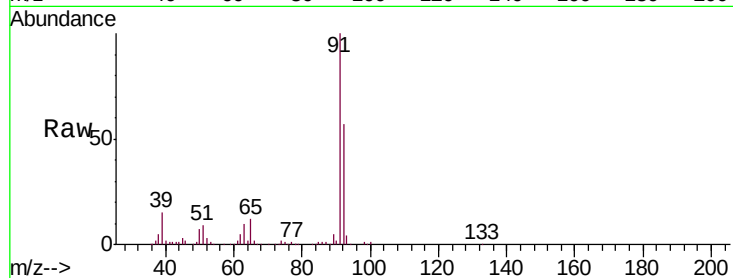
ETOH7

Tgt Ion: 91 Resp: 374472

Ion Ratio Lower Upper

91 100

92 57.0 38.2 71.0



Abundance Ion 91.00 (90.70 to 91.70): VU034701.D (-2014) (-)

Ion 92.00 (91.70 to 92.70): VU034701.D (-2014) (-)

7.61

200000

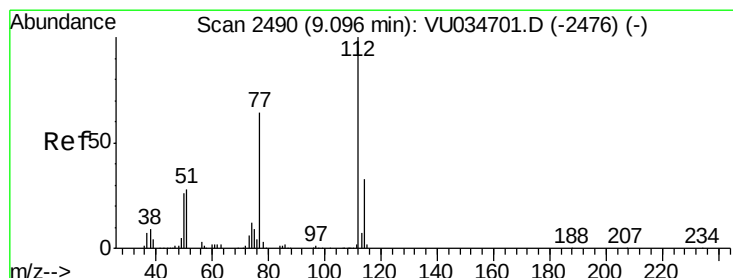
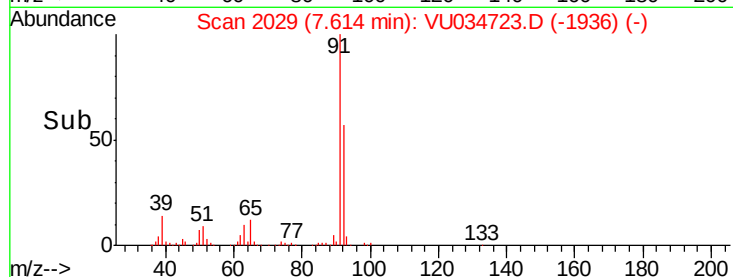
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 24.398 ug/L

RT: 9.10 min Scan# 2490

Delta R.T. -0.00 min

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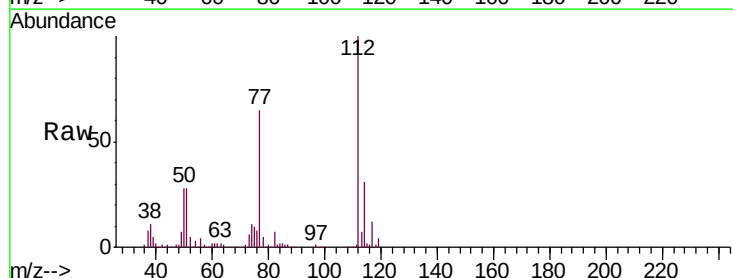
Tgt Ion: 112 Resp: 229272

Ion Ratio Lower Upper

112 100

114 31.3 22.8 42.4

77 64.7 51.5 77.3



Abundance Ion 112.00 (111.70 to 112.70): VU034701.D (-2476) (-)

Ion 114.00 (113.70 to 114.70): VU034701.D (-2476) (-)

Ion 77.00 (76.70 to 77.70): VU034701.D (-2476) (-)

9.10

150000

100000

50000

0

Time-->

