

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025857.D
 Acq On : 04 Aug 2018 06:27
 Operator : MD/SY
 Sample : J4243-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD3

Quant Time: Aug 06 00:46:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 04 04:39:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	326635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314766	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	161186	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70782	37.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.92%
7) Chloroethane-d5	1.68	69	60879	39.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.16%
11) 1,1-Dichloroethene-d2	2.27	63	121021	31.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.34%
21) 2-Butanone-d5	4.18	46	125608	87.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.25%
24) Chloroform-d	4.65	84	170409	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.06%
26) 1,2-Dichloroethane-d4	5.31	65	116346	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.70%
32) Benzene-d6	5.35	84	326278	40.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.84%
36) 1,2-Dichloropropane-d6	6.34	67	106224	40.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.68%
41) Toluene-d8	7.57	98	307151	39.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.34%#
43) trans-1,3-Dichloropropene-	7.85	79	48324	36.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.74%
47) 2-Hexanone-d5	8.31	63	90245	82.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.86%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	144052	39.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	132064	40.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.86%

Target Compounds

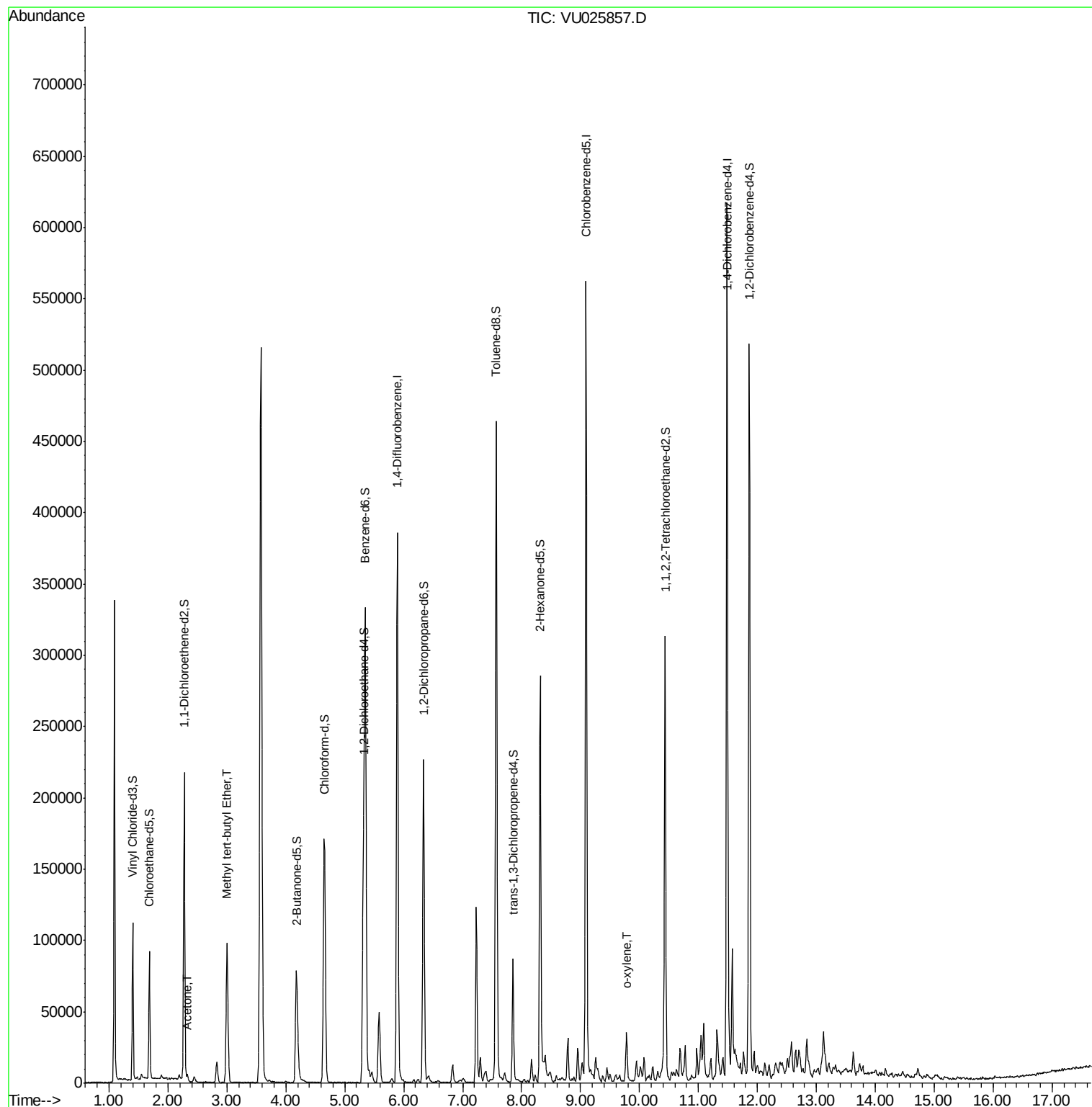
					Ovalue
13) Acetone	2.32	43	4006	2.37 ug/L	88
18) Methyl tert-butyl Ether	3.00	73	101228	14.64 ug/L	99
54) o-xylene	9.78	106	7411	1.77 ug/L	87

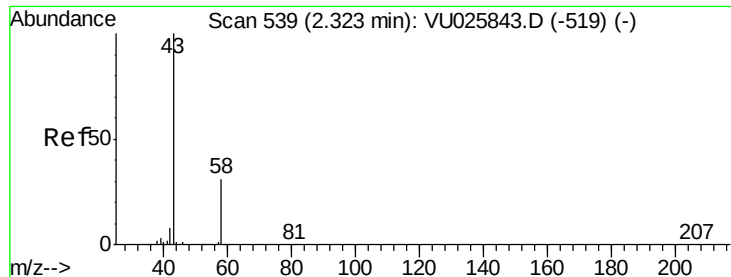
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.37 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025857.D

Acq: 04 Aug 2018 06:27

Instrument :

MSVOA_U

ClientSampled :

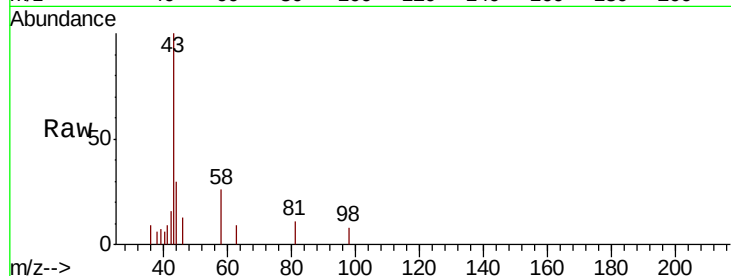
C0AD3

Tot Ion: 43 Resp: 4006

Ion Ratio Lower Upper

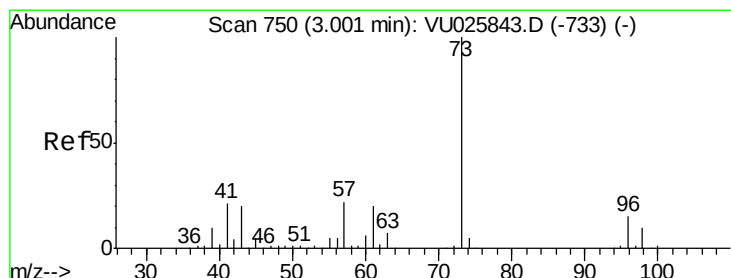
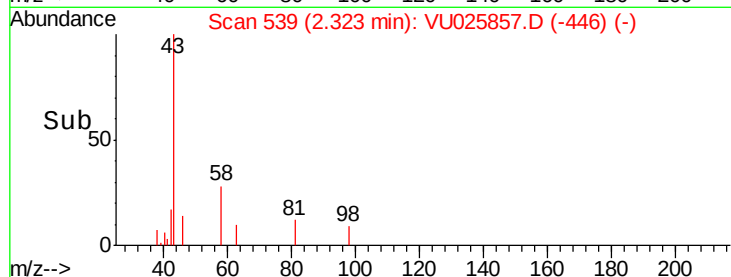
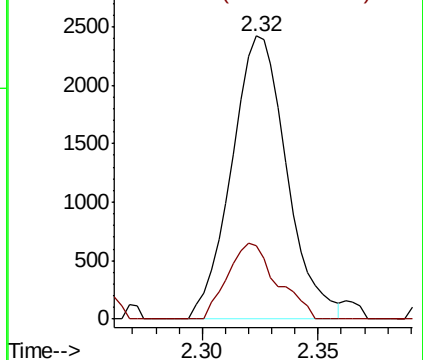
43 100

58 23.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl tert-butyl Ether

Concen: 14.64 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

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Acq: 04 Aug 2018 06:27

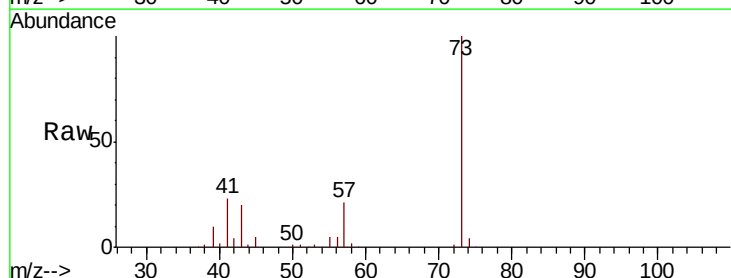
Tgt Ion: 73 Resp: 101228

Ion Ratio Lower Upper

73 100

43 21.2 16.2 24.2

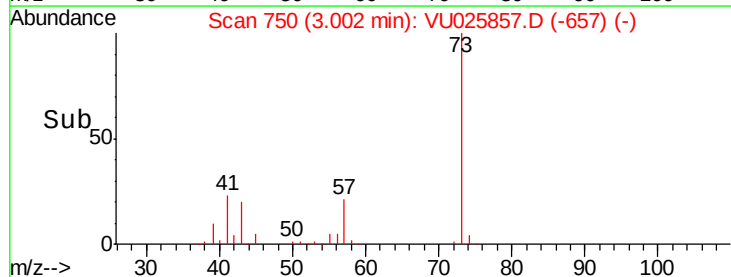
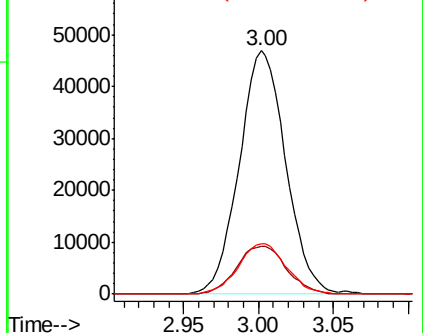
57 21.5 17.1 25.7

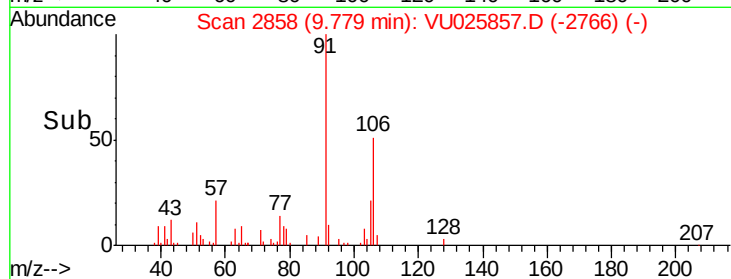
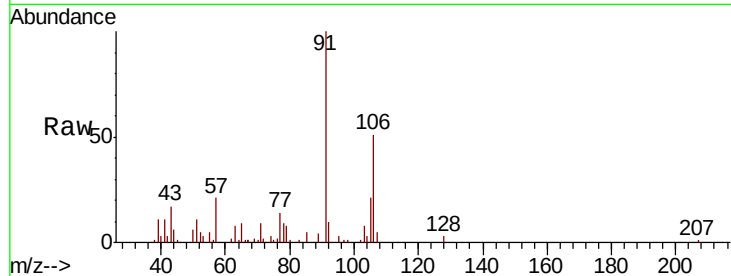
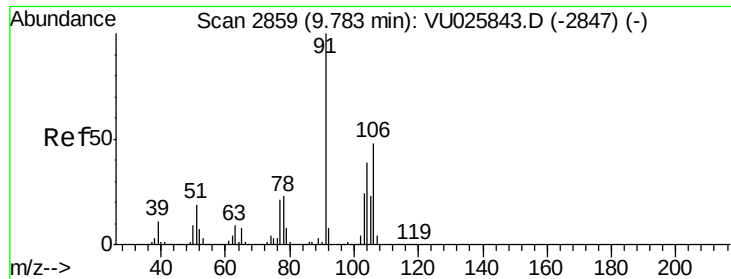


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#54
o-xylene
Concen: 1.77 ug/L
RT: 9.78 min Scan# 2858
Delta R.T. -0.00 min
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ClientSampleId :
C0AD3

Tot Ion:106 Resp: 7411
Ion Ratio Lower Upper
106 100
91 194.6 150.6 279.6

