

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 00:44:07 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

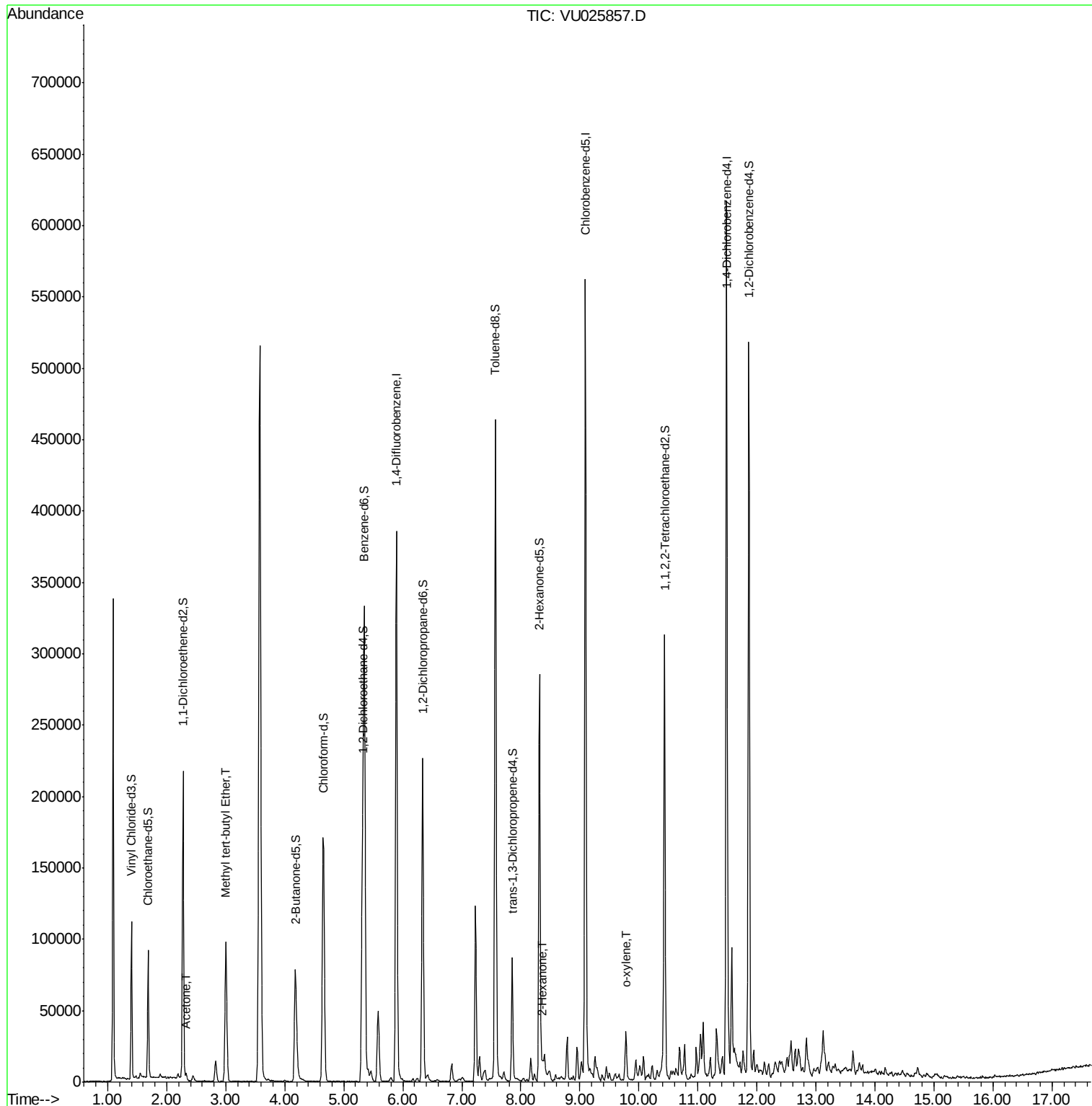
					Qvalue
13) Acetone	2.32	43	4006	2.371 ug/L	88
18) Methyl tert-butyl Ether	3.00	73	101228	14.645 ug/L	99
48) 2-Hexanone	8.37	43	3761	1.371 ug/L #	44
54) o-xylene	9.78	106	7411	1.771 ug/L	87

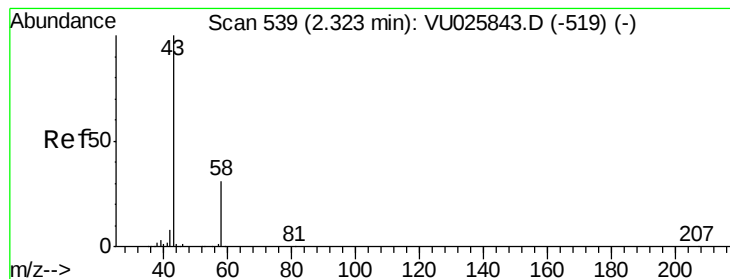
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.371 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

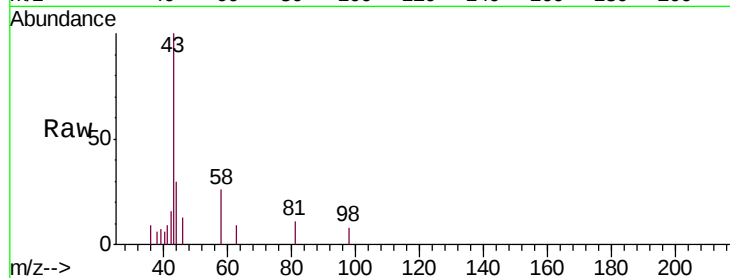
C0AD3

Tgt Ion: 43 Resp: 4006

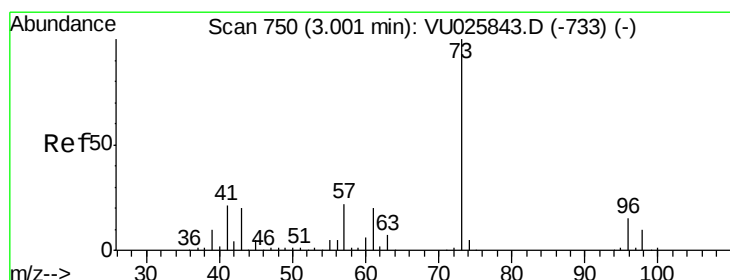
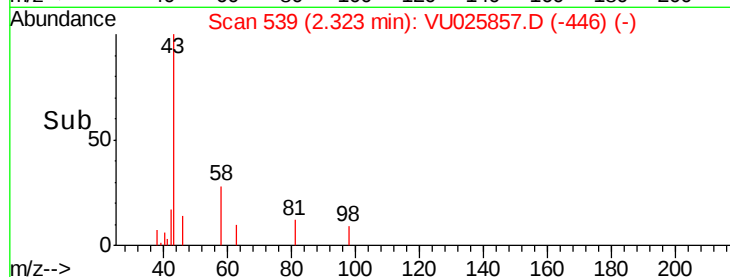
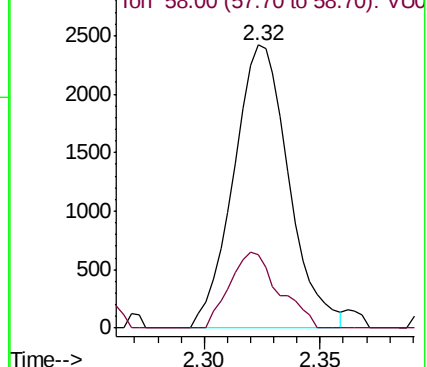
Ion Ratio Lower Upper

43 100

58 23.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU025843.D (-519) (-)



#18

Methyl tert-butyl Ether

Concen: 14.645 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

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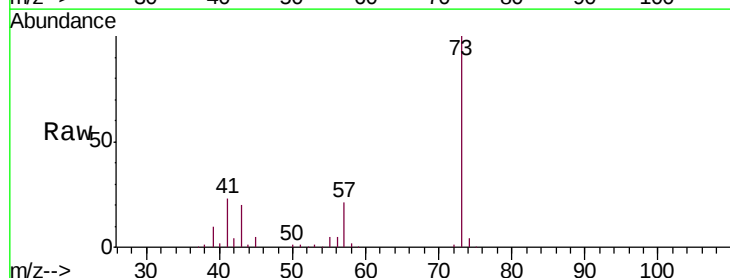
Tgt Ion: 73 Resp: 101228

Ion Ratio Lower Upper

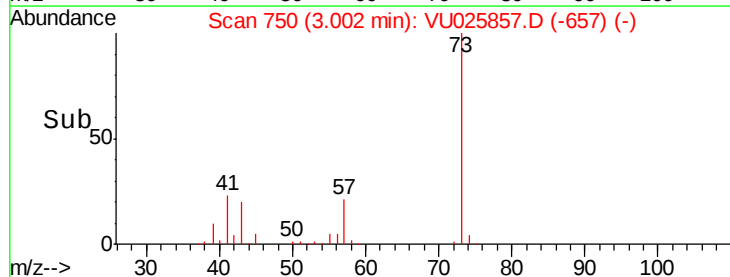
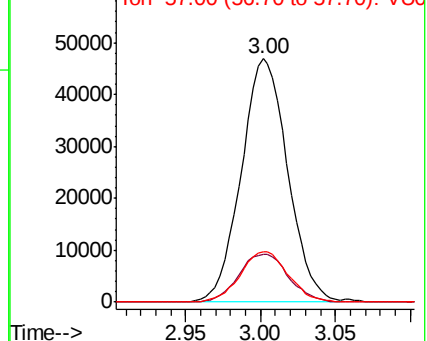
73 100

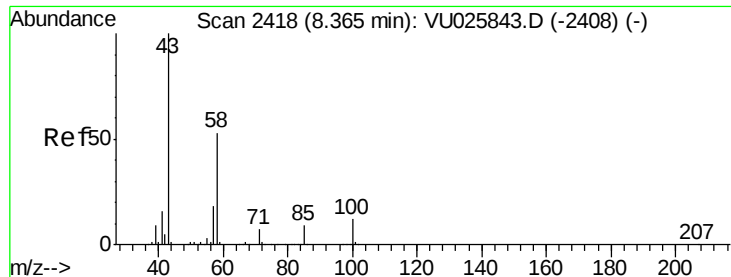
43 21.2 16.2 24.2

57 21.5 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VU025843.D (-733) (-)

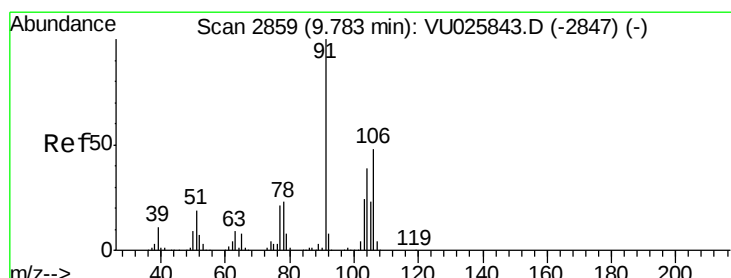
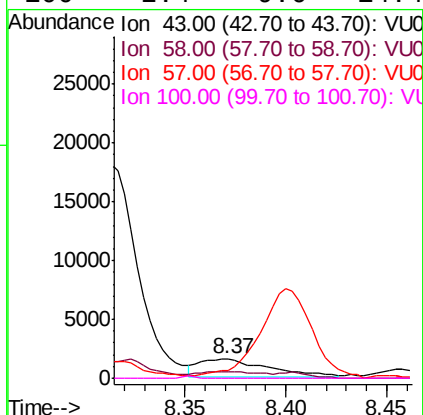
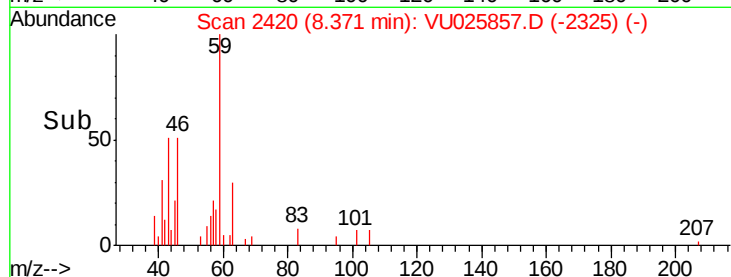
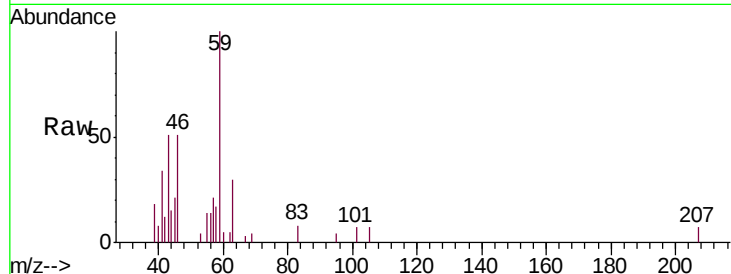




#48
2-Hexanone
Concen: 1.371 ug/L
RT: 8.37 min Scan# 2420
Delta R.T. 0.01 min
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Tgt Ion: 43 Resp: 3761
Ion Ratio Lower Upper
43 100
58 5.3 42.9 64.3#
57 0.0 15.4 23.2#
100 2.4 9.6 14.4#



#54
o-xylene
Concen: 1.771 ug/L
RT: 9.78 min Scan# 2858
Delta R.T. -0.00 min
Lab File: VU025857.D
Acq: 04 Aug 2018 06:27

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

