

Data File : VU034714.D
Acq On : 21 Sep 2019 01:30
Operator : JC/SP
Sample : K4993-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOJ5

Quant Time: Sep 21 05:32:20 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	462958	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	435949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	184246	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	168659	35.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.18%
7) Chloroethane-d5	1.67	69	147519	40.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.54%
11) 1,1-Dichloroethene-d2	2.26	63	238889	29.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.52%#
21) 2-Butanone-d5	4.15	46	353383	97.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.29%
24) Chloroform-d	4.62	84	300903	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
26) 1,2-Dichloroethane-d4	5.29	65	222425	43.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.82%
32) Benzene-d6	5.32	84	604529	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
36) 1,2-Dichloropropane-d6	6.31	67	215672	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.34%
41) Toluene-d8	7.54	98	553812	43.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.16%
43) trans-1,3-Dichloropropene-	7.83	79	92993	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.22%
47) 2-Hexanone-d5	8.29	63	220402	92.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.91%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	289738	44.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.42%
64) 1,2-Dichlorobenzene-d4	11.84	152	178094	46.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.20%

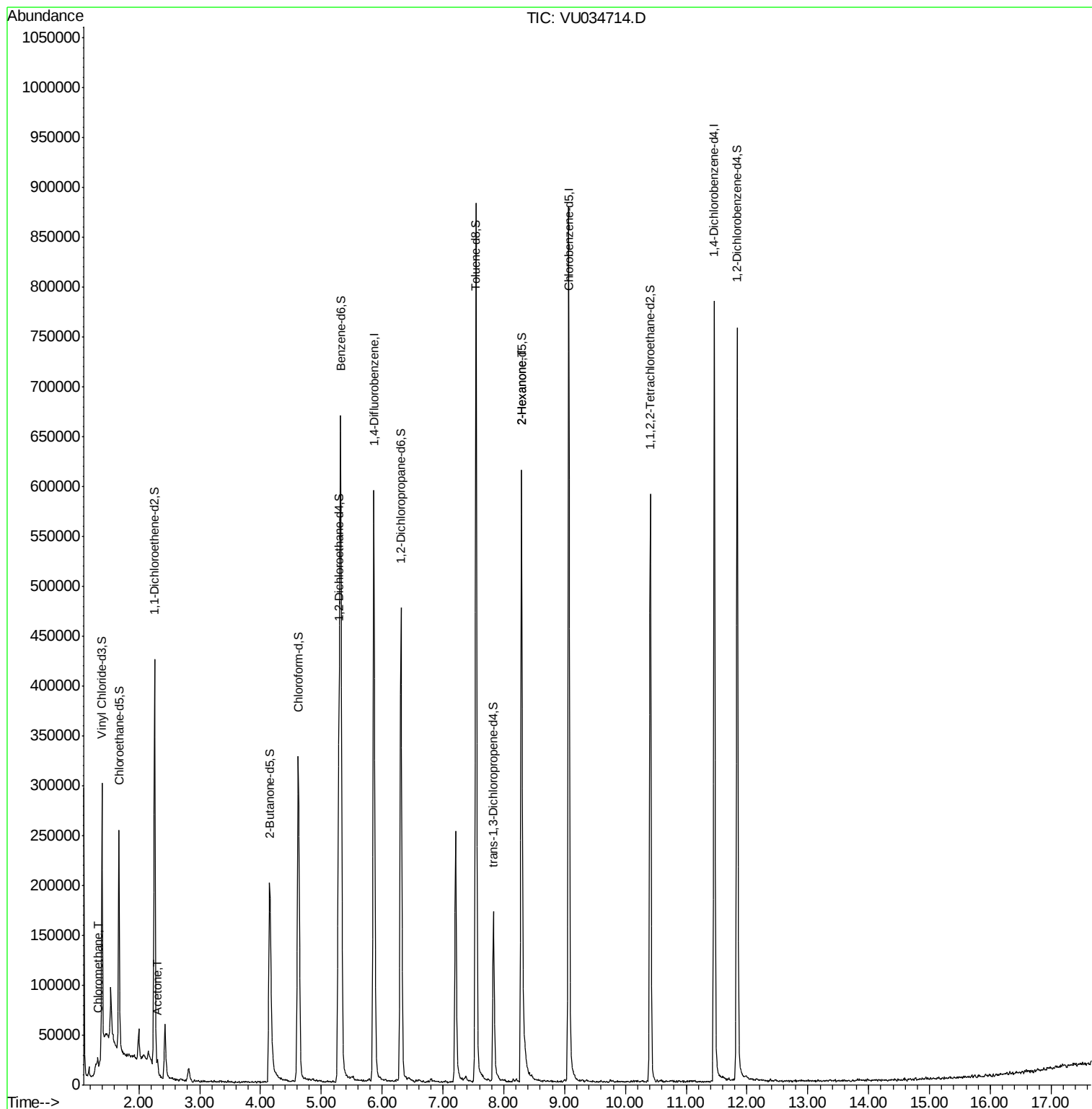
Target Compounds						Qvalue
3) Chloromethane	1.33	50	6573	1.150	ug/L	98
13) Acetone	2.31	43	16714	3.956	ug/L	86
48) 2-Hexanone	8.29	43	30175	4.495	ug/L #	71

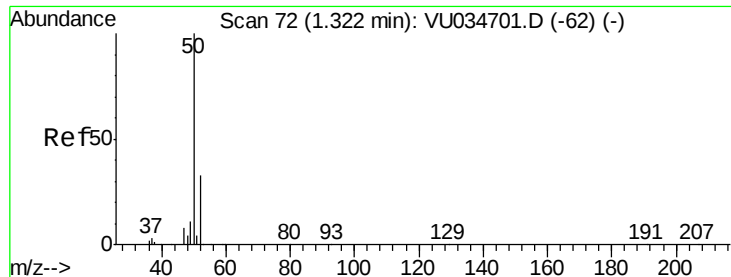
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.150 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

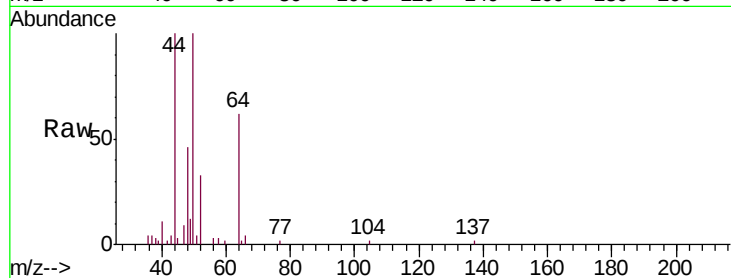
ETOJ5

Tgt Ion: 50 Resp: 6573

Ion Ratio Lower Upper

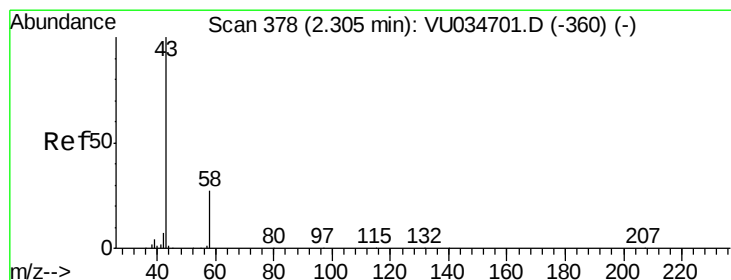
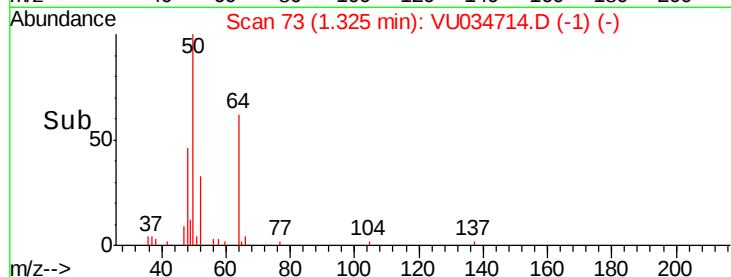
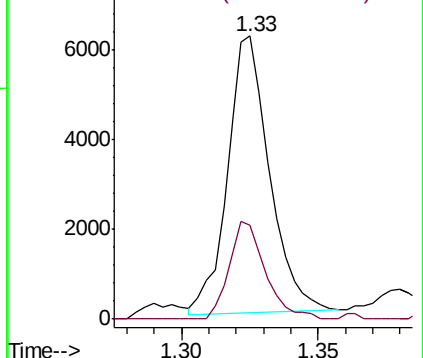
50 100

52 33.3 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#13

Acetone

Concen: 3.956 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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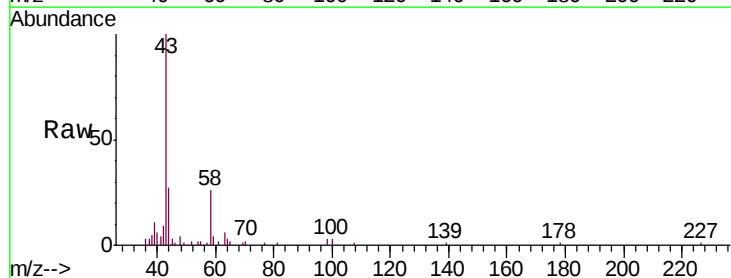
Acq: 21 Sep 2019 01:30

Tgt Ion: 43 Resp: 16714

Ion Ratio Lower Upper

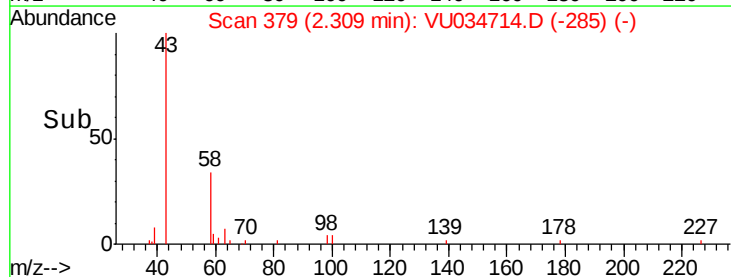
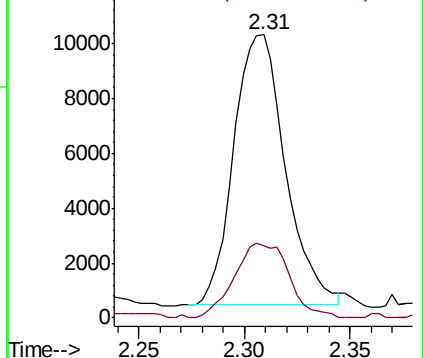
43 100

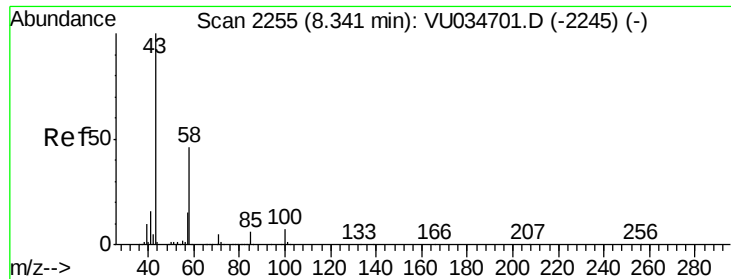
58 19.7 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#48

2-Hexanone

Concen: 4.495 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 30175

Ion Ratio Lower Upper

43 100

58 20.4 35.3 52.9#

57 19.3 12.1 18.1#

100 0.1 6.2 9.4#

