

Data File : VU034804.D
Acq On : 25 Sep 2019 15:40
Operator : JC/SP
Sample : K5001-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFCZ1

Quant Time: Sep 26 04:44:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	496192	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	465506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	194757	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	199442	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.52%
7) Chloroethane-d5	1.59	69	165	0.04	ug/L	-0.07
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.26	63	264587	30.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.52%
21) 2-Butanone-d5	4.15	46	385754	99.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.08%
24) Chloroform-d	4.62	84	337218	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.29	65	241683	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
32) Benzene-d6	5.32	84	719690	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
36) 1,2-Dichloropropane-d6	6.31	67	253186	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.54	98	667773	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%
43) trans-1,3-Dichloropropene-	7.83	79	108469	44.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.82%
47) 2-Hexanone-d5	8.29	63	250959	99.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	328222	46.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.82%
64) 1,2-Dichlorobenzene-d4	11.84	152	214471	52.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.04%

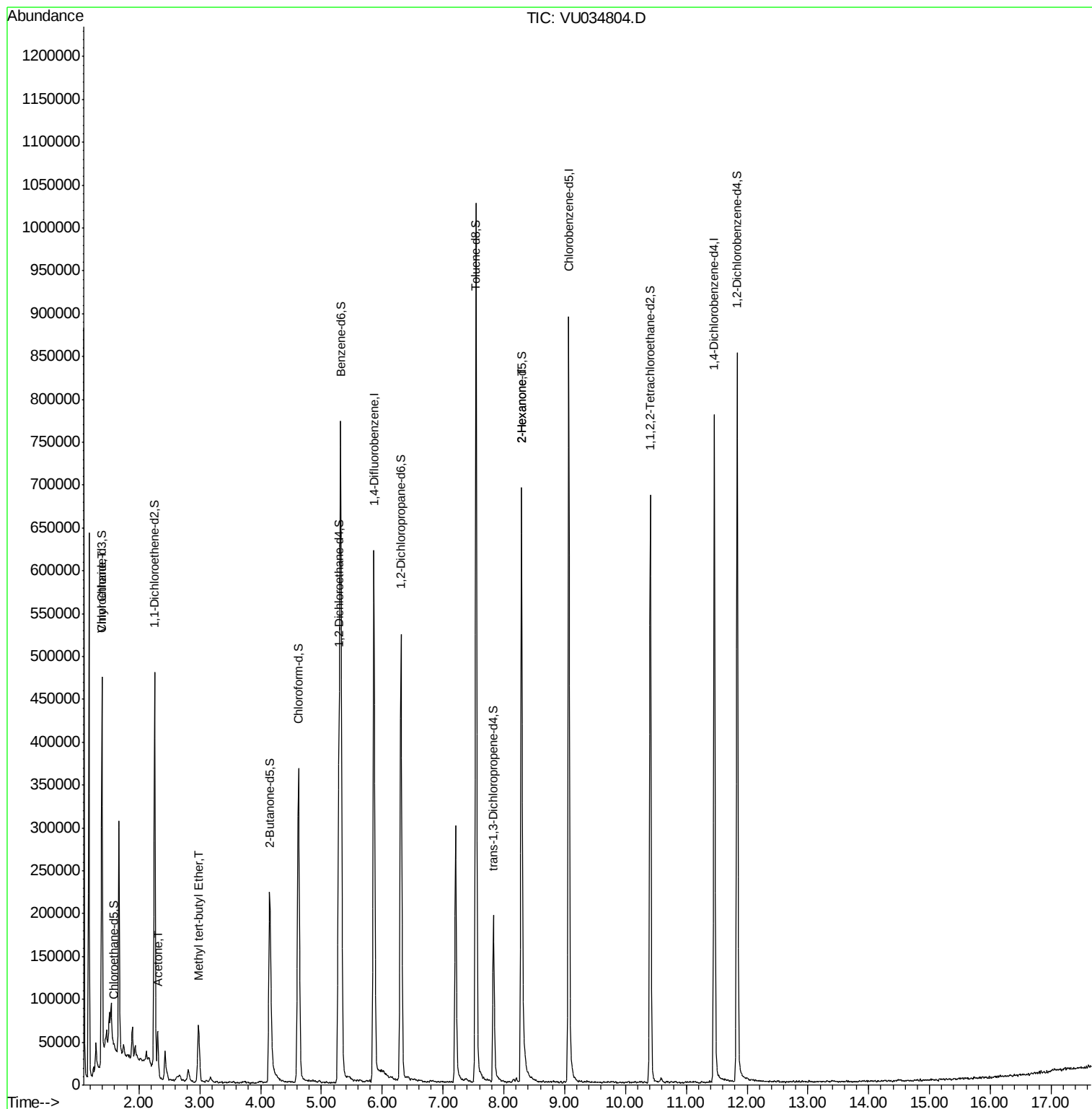
Target Compounds					Qvalue
8) Chloroethane	1.40	64	13753	4.270 ug/L	93
13) Acetone	2.31	43	58041	12.816 ug/L	96
18) Methyl tert-butyl Ether	2.98	73	66426	5.044 ug/L	95
48) 2-Hexanone	8.29	43	30934	4.315 ug/L #	69

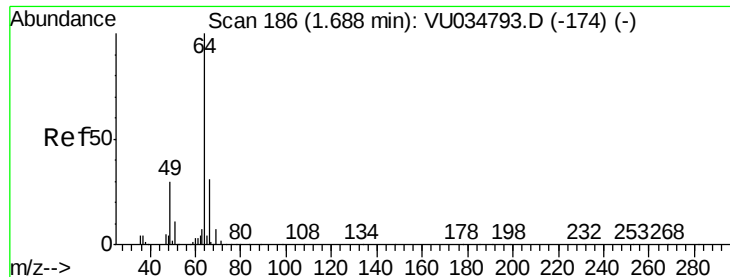
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 4.270 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.29 min

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Instrument :

MSVOA_U

ClientSampled :

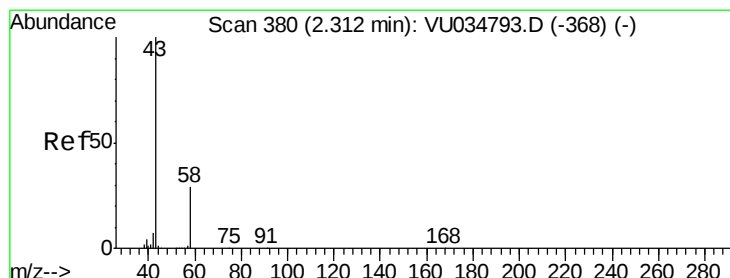
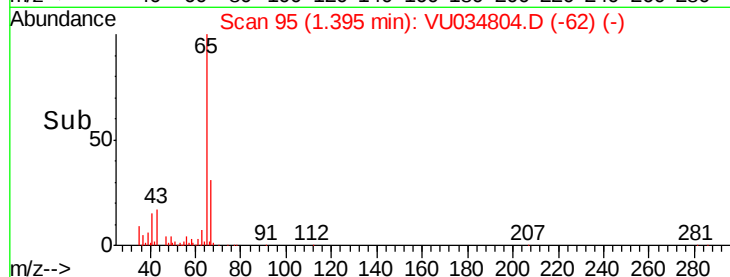
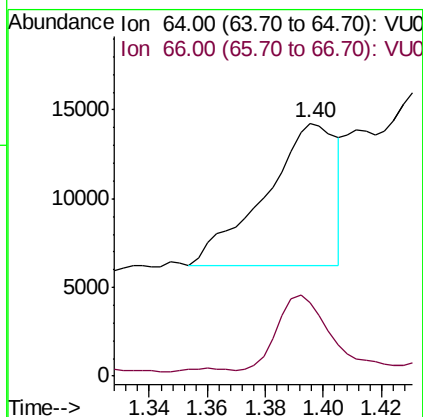
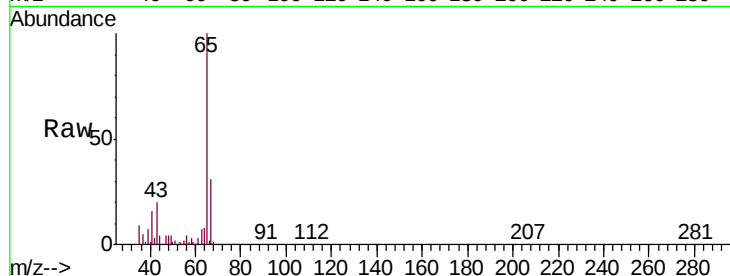
BFCZ1

Tgt Ion: 64 Resp: 13753

Ion Ratio Lower Upper

64 100

66 29.1 23.1 42.9



#13

Acetone

Concen: 12.816 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

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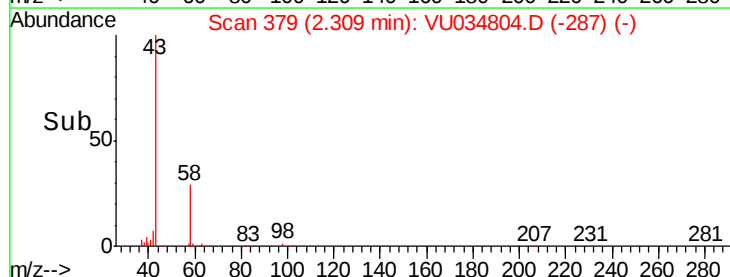
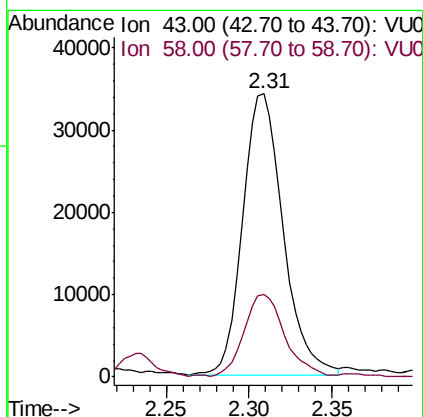
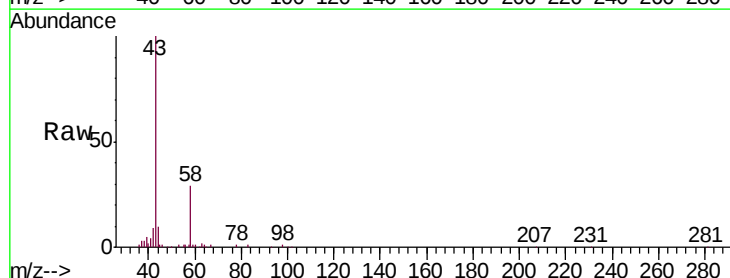
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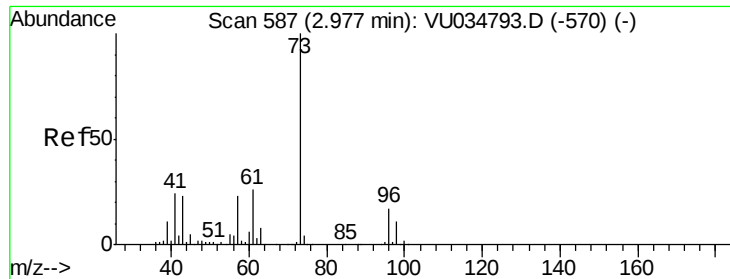
Tgt Ion: 43 Resp: 58041

Ion Ratio Lower Upper

43 100

58 28.9 0.0 53.4

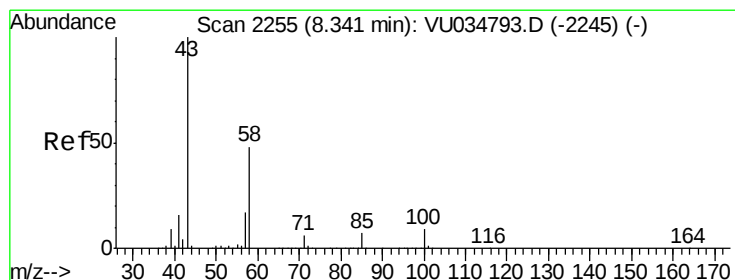
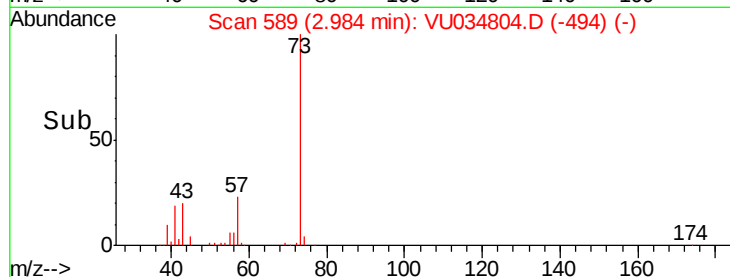
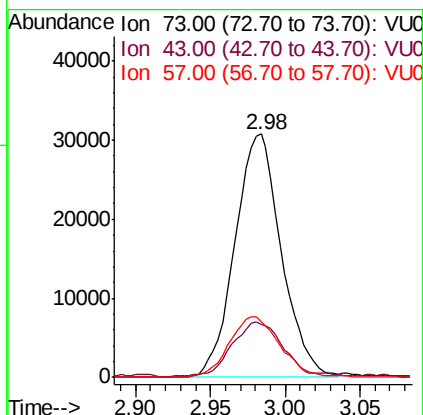
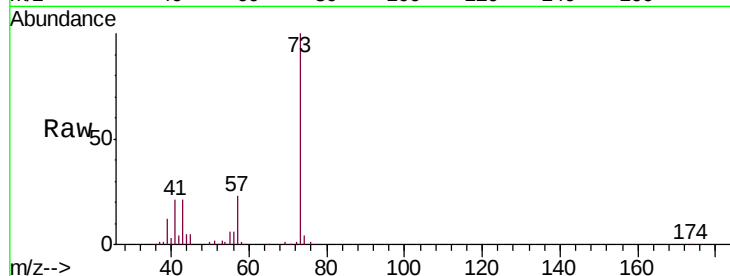




#18
Methyl tert-butyl Ether
Concen: 5.044 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.01 min
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Tgt Ion: 73 Resp: 66426
Ion Ratio Lower Upper
73 100
43 23.4 20.9 31.3
57 27.0 19.5 29.3



#48
2-Hexanone
Concen: 4.315 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 30934
Ion Ratio Lower Upper
43 100
58 19.3 35.3 52.9#
57 20.2 12.1 18.1#
100 0.0 6.2 9.4#

