

Data File : VU034732.D
Acq On : 23 Sep 2019 14:29
Operator : JC/SP
Sample : K4984-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 24 01:56:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 01:52:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	499974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	462528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	211784	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	211610	41.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.68%
7) Chloroethane-d5	1.67	69	173073	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.50%
11) 1,1-Dichloroethene-d2	2.26	63	294981	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	4.15	46	403843	102.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.95%
24) Chloroform-d	4.62	84	351161	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
26) 1,2-Dichloroethane-d4	5.29	65	258329	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
32) Benzene-d6	5.32	84	716580	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
36) 1,2-Dichloropropane-d6	6.31	67	257340	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.72%
41) Toluene-d8	7.54	98	685664	50.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.54%
43) trans-1,3-Dichloropropene-	7.83	79	117696	49.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.08%
47) 2-Hexanone-d5	8.29	63	253006	100.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.53%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	333472	47.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.92%
64) 1,2-Dichlorobenzene-d4	11.84	152	231666	52.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.34%

Target Compounds

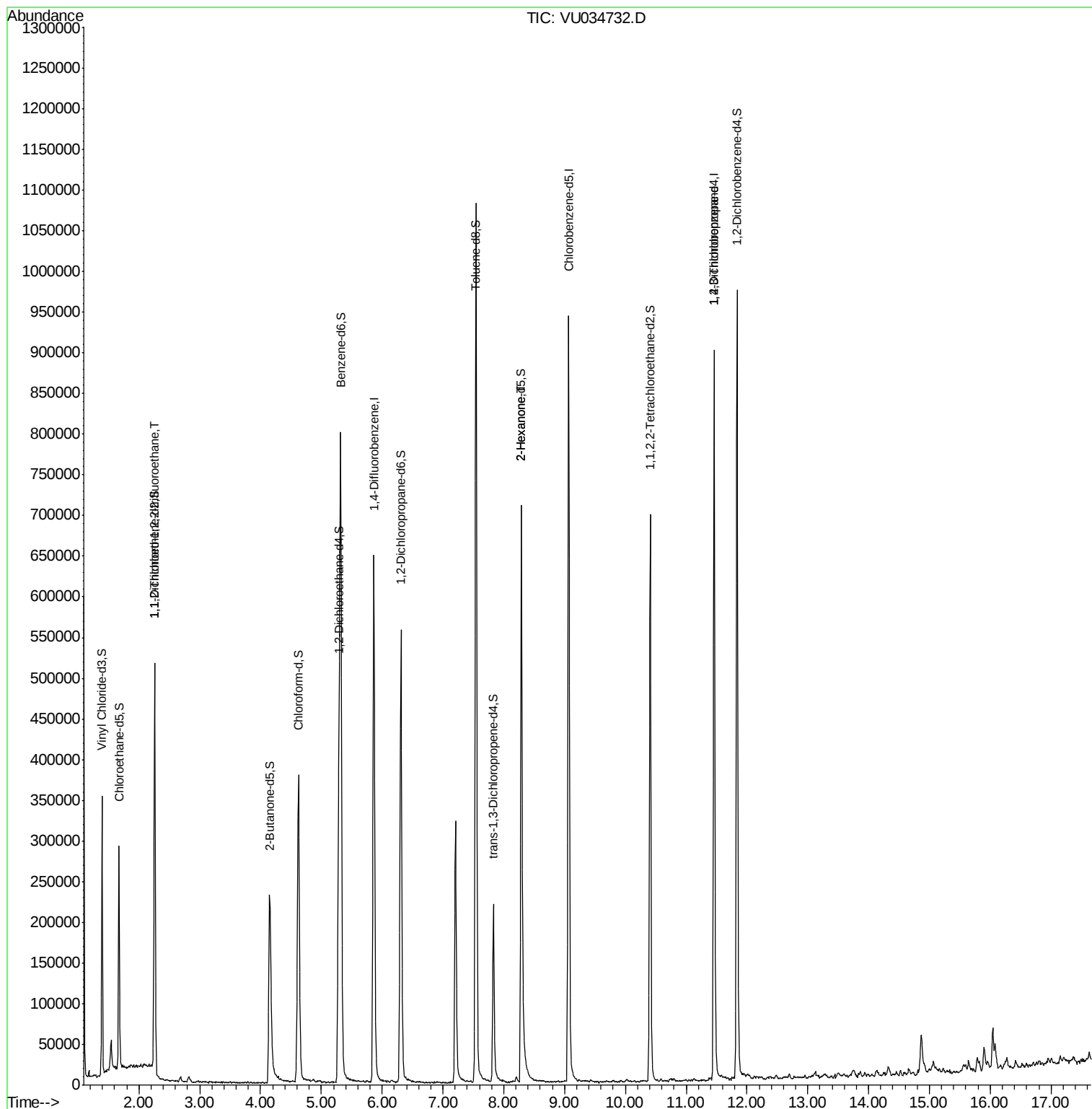
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2934	0.861 ug/L #	32
48) 2-Hexanone	8.29	43	31613	4.439 ug/L #	75
59) 1,2,3-Trichloropropane	11.46	75	34078	5.712 ug/L	92

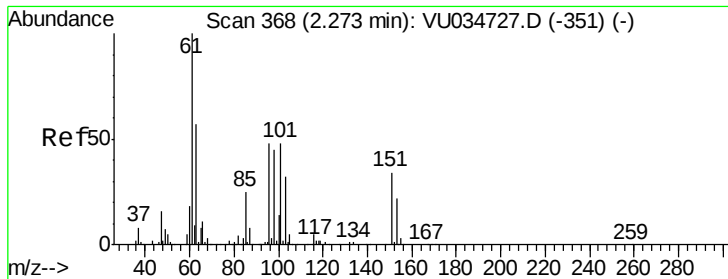
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.861 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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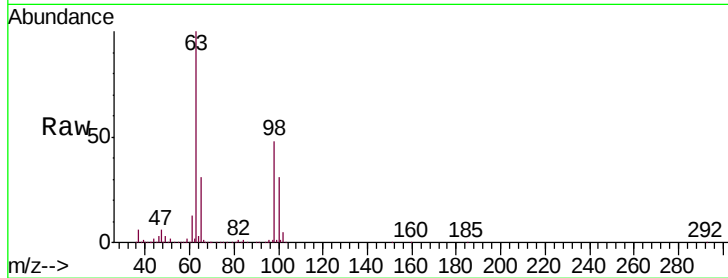
Tgt Ion:101 Resp: 2934

Ion Ratio Lower Upper

101 100

85 3.5 39.0 58.4#

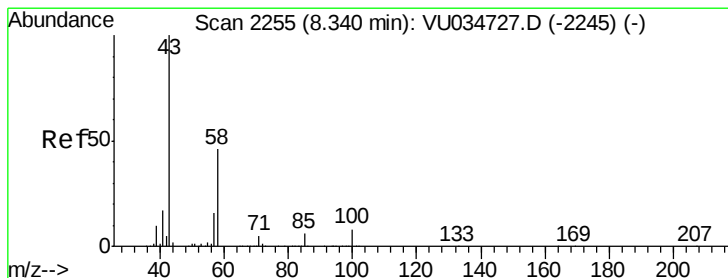
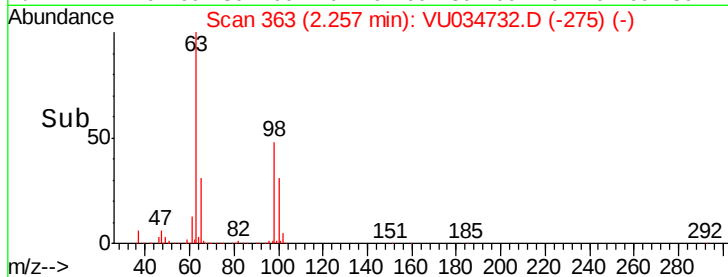
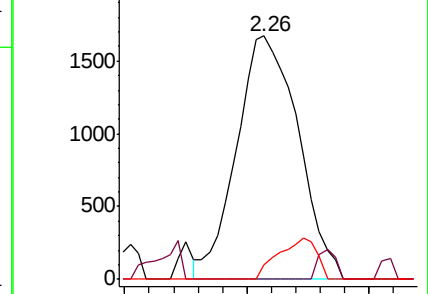
151 10.4 52.8 79.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#48

2-Hexanone

Concen: 4.439 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 31613

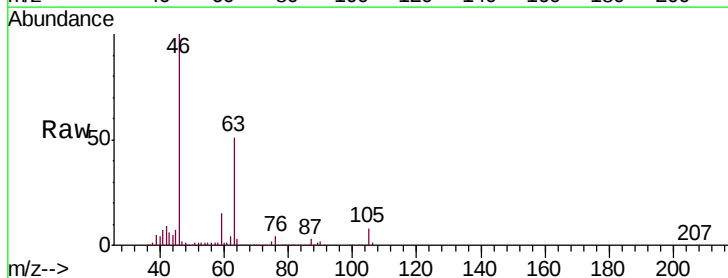
Ion Ratio Lower Upper

43 100

58 24.7 35.3 52.9#

57 19.6 12.1 18.1#

100 0.4 6.2 9.4#

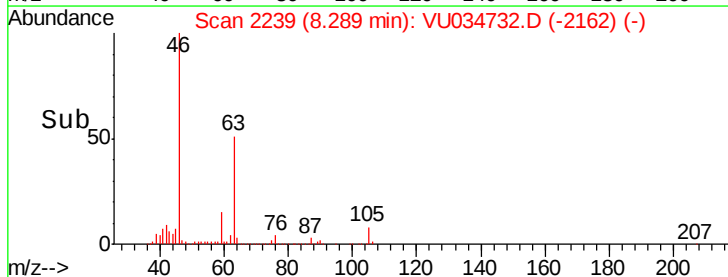
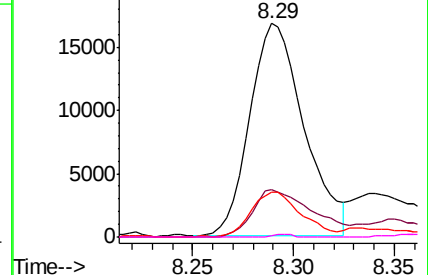


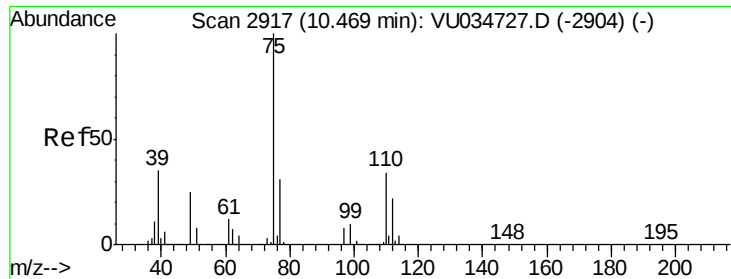
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.712 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 34078

Ion Ratio Lower Upper

75 100

77 35.1 24.6 37.0

