

Data File : VU034797.D
Acq On : 25 Sep 2019 12:56
Operator : JC/SP
Sample : K4932-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 26 04:43:55 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	476590	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	435964	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	191060	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	229926	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.26%
7) Chloroethane-d5	1.67	69	199874	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.26	63	308748	37.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.74%
21) 2-Butanone-d5	4.16	46	413790	110.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.66%
24) Chloroform-d	4.62	84	360794	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
26) 1,2-Dichloroethane-d4	5.29	65	254938	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
32) Benzene-d6	5.32	84	775168	57.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.74%
36) 1,2-Dichloropropane-d6	6.31	67	267484	56.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.26%
41) Toluene-d8	7.54	98	726481	56.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.02%
43) trans-1,3-Dichloropropene-	7.83	79	119499	52.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.66%
47) 2-Hexanone-d5	8.29	63	264456	111.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.48%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	350181	53.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.86%
64) 1,2-Dichlorobenzene-d4	11.84	152	243657	60.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.64%#

Target Compounds

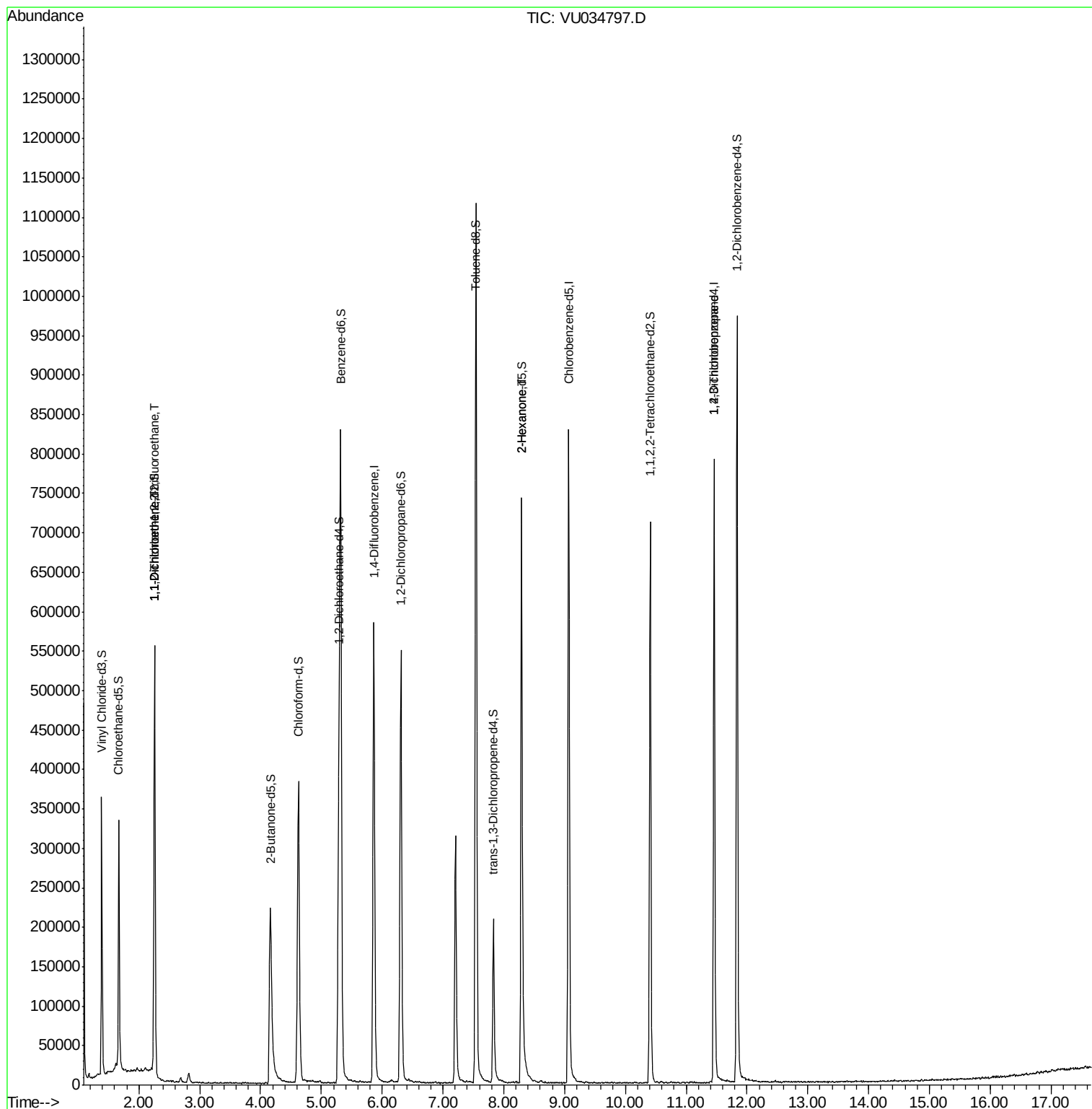
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	3080	0.948	ug/L #	27
12) 1,1-Dichloroethene	2.26	96	2561	0.821	ug/L #	1
48) 2-Hexanone	8.29	43	32565	4.851	ug/L #	73
59) 1,2,3-Trichloropropane	11.46	75	27371	4.867	ug/L	89

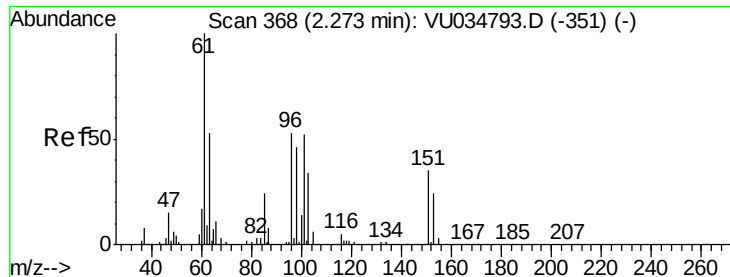
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.948 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampled :

VHBLK01

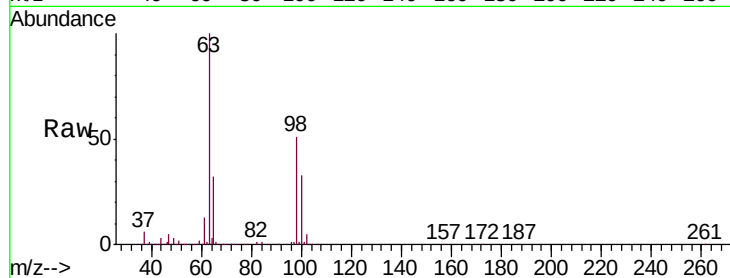
Tgt Ion: 101 Resp: 3080

Ion Ratio Lower Upper

101 100

85 4.8 39.0 58.4#

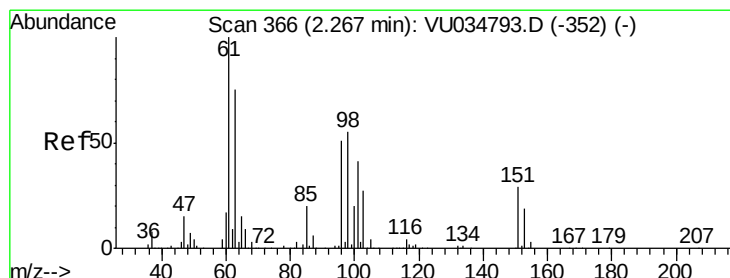
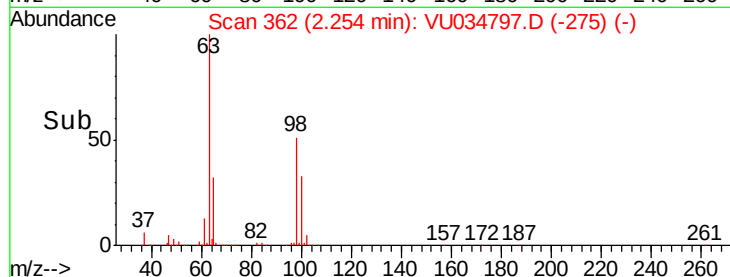
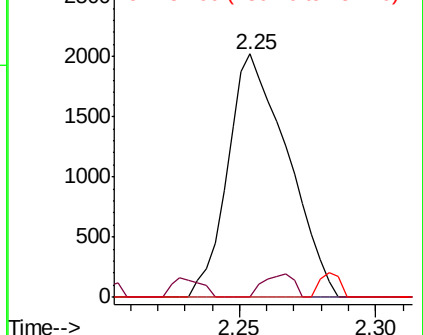
151 3.3 52.8 79.2#



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



#12

1,1-Dichloroethene

Concen: 0.821 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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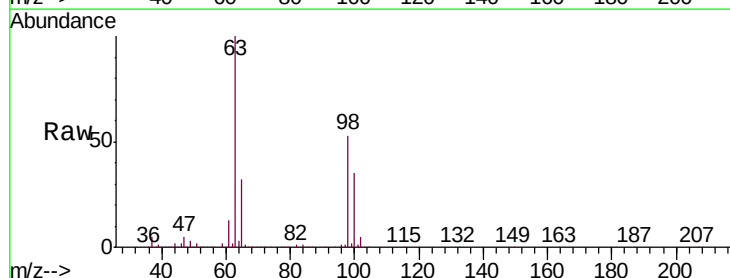
Tgt Ion: 96 Resp: 2561

Ion Ratio Lower Upper

96 100

61 1523.2 153.2 284.4#

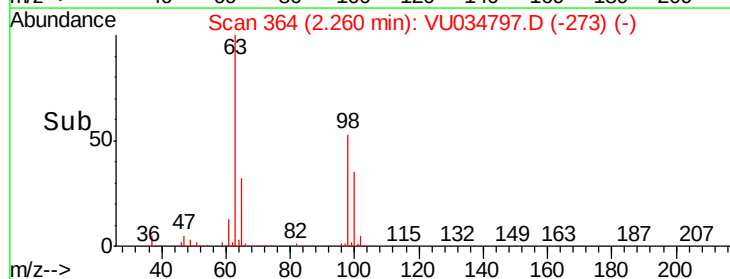
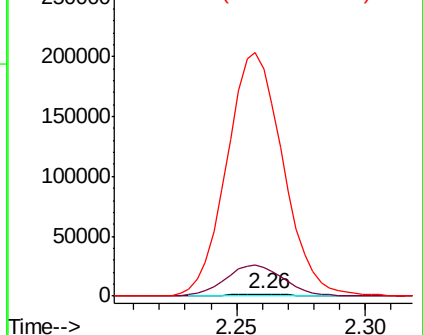
63 12059.5 113.8 211.3#

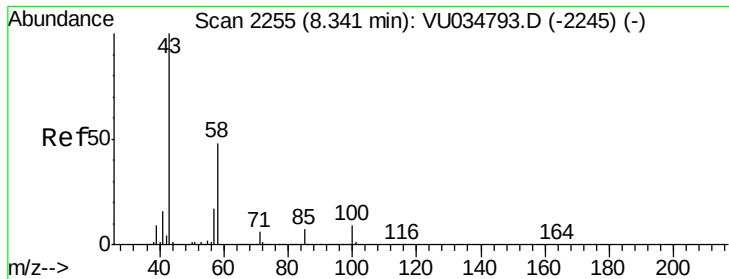


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

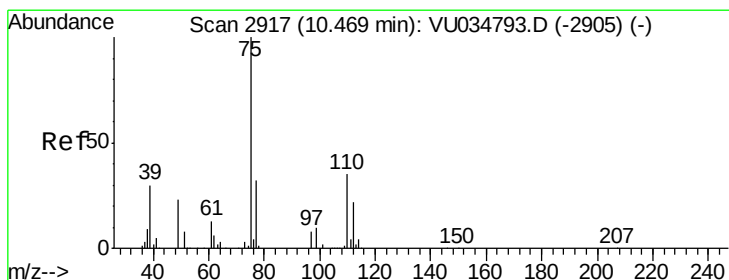
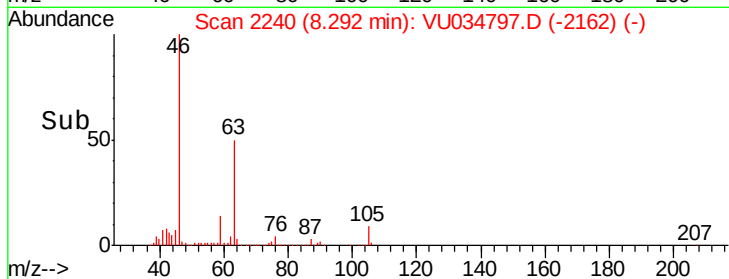
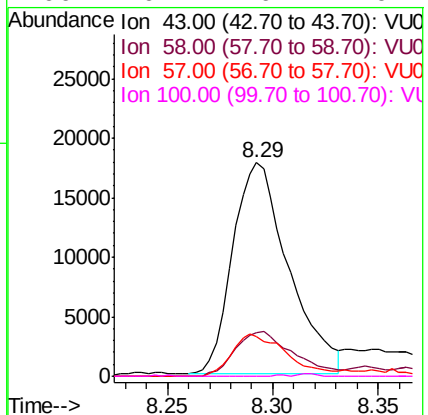
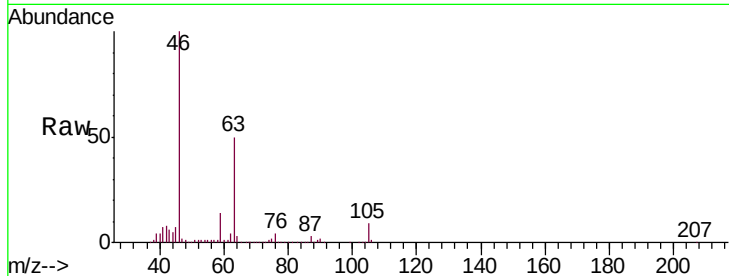




#48
 2-Hexanone
 Concen: 4.851 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
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 MSVOA_U
 ClientSampled :
 VHBLK01

Tgt Ion: 43 Resp: 32565
 Ion Ratio Lower Upper
 43 100
 58 22.5 35.3 52.9#
 57 19.3 12.1 18.1#
 100 0.1 6.2 9.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.867 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034797.D
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Tgt Ion: 75 Resp: 27371
 Ion Ratio Lower Upper
 75 100
 77 36.8 24.6 37.0

