

Data File : VU034794.D
Acq On : 25 Sep 2019 11:26
Operator : JC/SP
Sample : VU0925WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK41

Quant Time: Sep 26 04:43:32 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	509213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	468862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	212407	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	236408	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.67	69	201725	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.14%
11) 1,1-Dichloroethene-d2	2.26	63	324646	36.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.54%
21) 2-Butanone-d5	4.15	46	386313	96.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.69%
24) Chloroform-d	4.62	84	357399	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	5.29	65	266826	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.32	84	818884	56.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.70%
36) 1,2-Dichloropropane-d6	6.31	67	282740	55.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.32%
41) Toluene-d8	7.54	98	773618	55.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.90%
43) trans-1,3-Dichloropropene-	7.83	79	128292	52.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.48%
47) 2-Hexanone-d5	8.29	63	279703	109.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.64%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	377505	53.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.12%
64) 1,2-Dichlorobenzene-d4	11.84	152	256786	57.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.30%

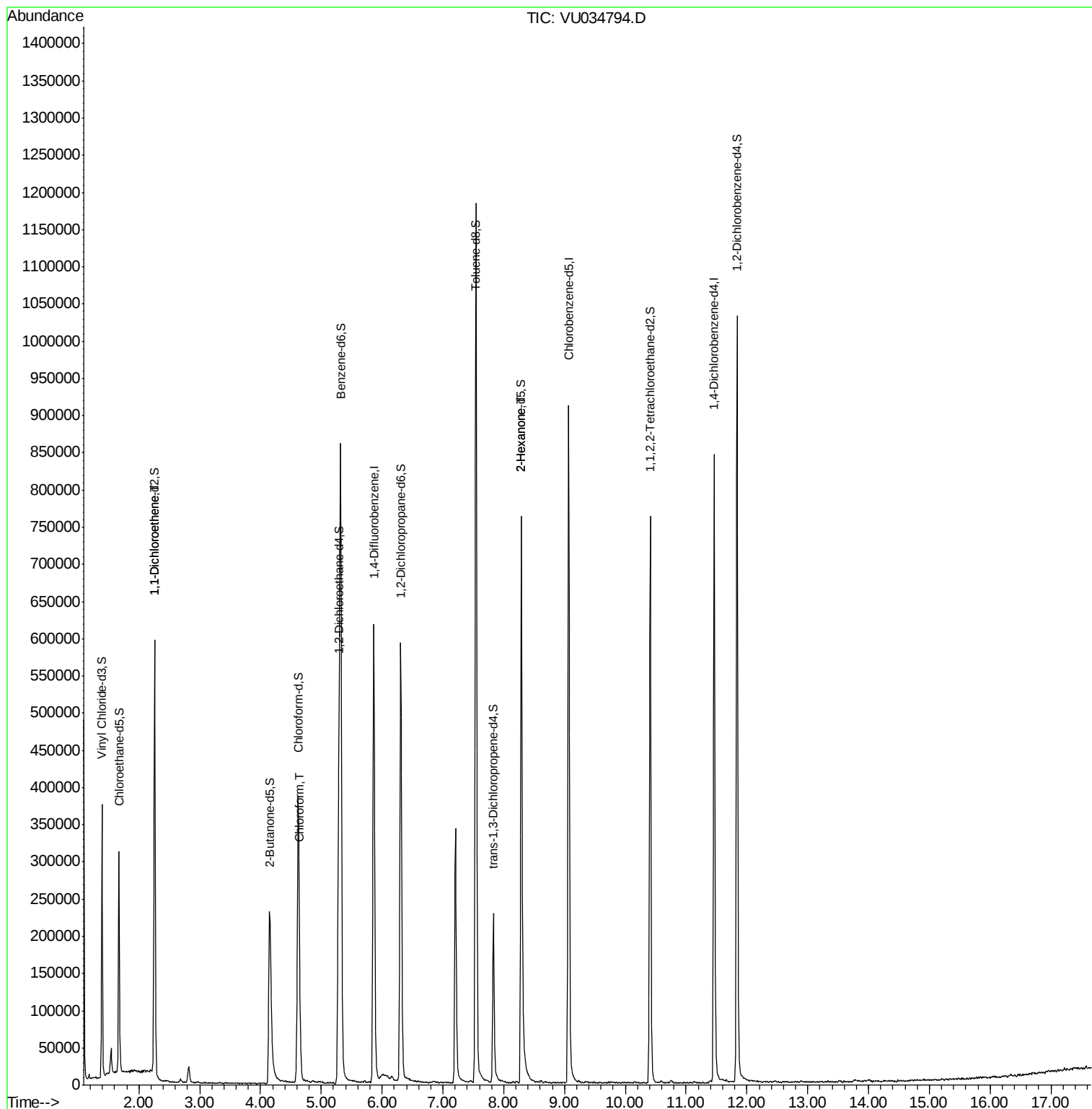
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.26	96	2875	0.863 ug/L	#	1
25) Chloroform	4.65	83	32616	3.964 ug/L		96
48) 2-Hexanone	8.29	43	35574	4.927 ug/L	#	69

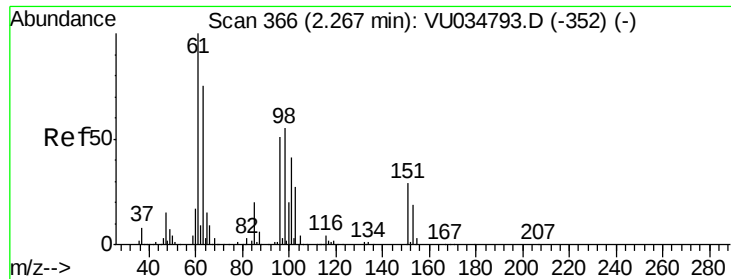
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.863 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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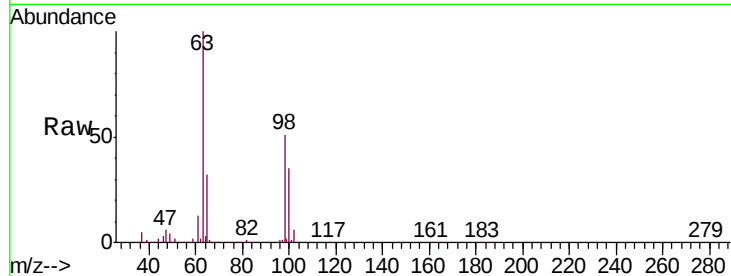
Tgt Ion: 96 Resp: 2875

Ion Ratio Lower Upper

96 100

61 1537.4 153.2 284.4#

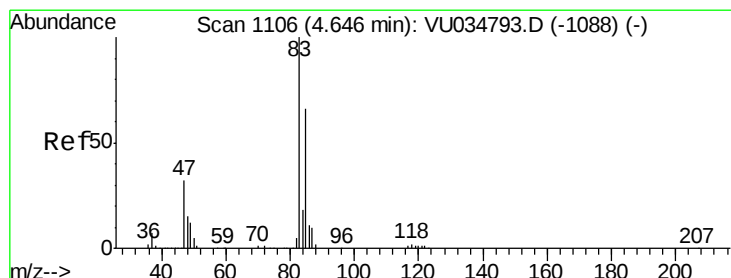
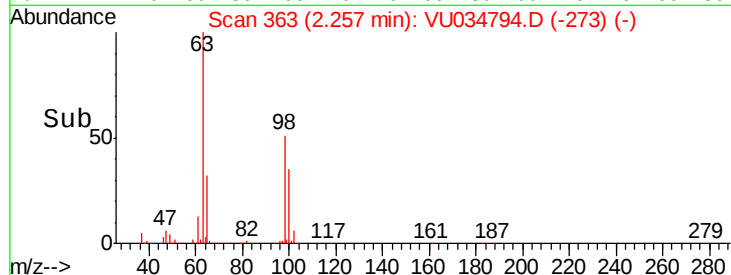
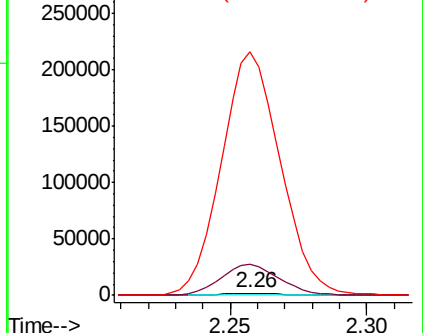
63 12230.4 113.8 211.3#



Abundance Ion 96.00 (95.70 to 96.70): VU034794.D (-273) (-)

Ion 61.00 (60.70 to 61.70): VU034794.D (-273) (-)

Ion 63.00 (62.70 to 63.70): VU034794.D (-273) (-)



#25

Chloroform

Concen: 3.964 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

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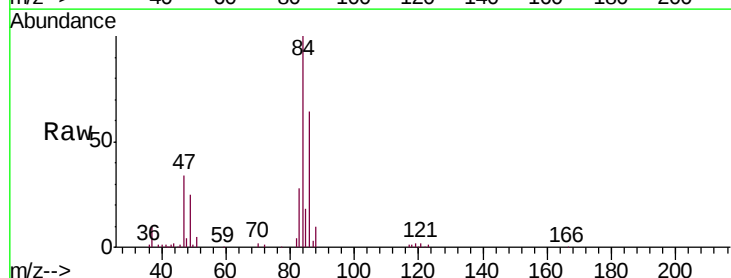
Acq: 25 Sep 2019 11:26

Tgt Ion: 83 Resp: 32616

Ion Ratio Lower Upper

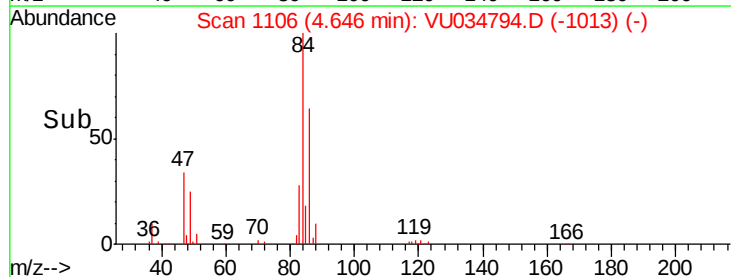
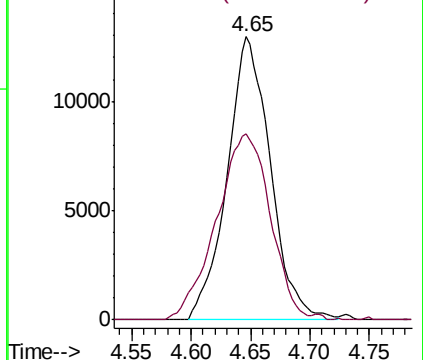
83 100

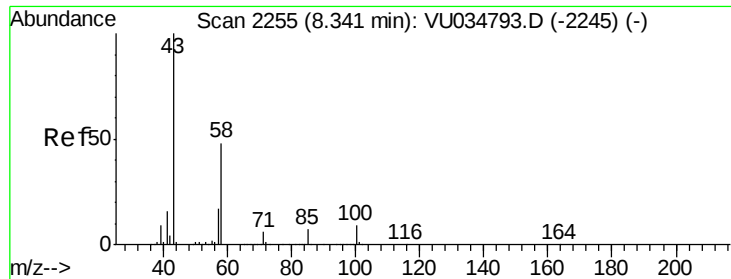
85 65.8 44.0 81.6



Abundance Ion 83.00 (82.70 to 83.70): VU034794.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VU034794.D (-1013) (-)





#48

2-Hexanone

Concen: 4.927 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.05 min

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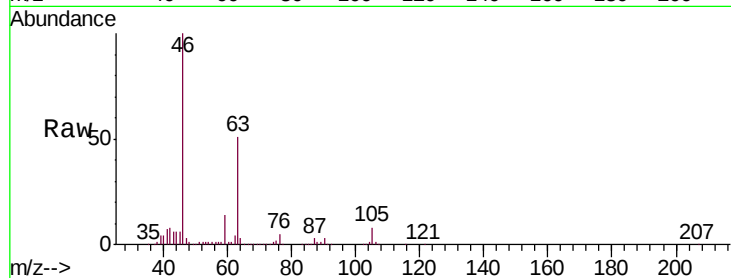
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Tgt Ion: 43 Resp: 35574

Ion Ratio Lower Upper

43 100

58 18.3 35.3 52.9#

57 18.4 12.1 18.1#

100 0.0 6.2 9.4#

