

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025560.D
 Acq On : 20 Jul 2018 22:22
 Operator : MD/SY
 Sample : J4097-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB0

Quant Time: Jul 21 03:33:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	318120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	128799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78022	42.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.92%
7) Chloroethane-d5	1.68	69	66159	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.32%
11) 1,1-Dichloroethene-d2	2.27	63	129896	34.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.72%
21) 2-Butanone-d5	4.18	46	139181	99.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.27%
24) Chloroform-d	4.65	84	183183	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
26) 1,2-Dichloroethane-d4	5.31	65	128700	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.35	84	357974	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
36) 1,2-Dichloropropane-d6	6.34	67	117033	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.44%
41) Toluene-d8	7.57	98	328406	45.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.86%
43) trans-1,3-Dichloropropene-	7.85	79	55507	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.48%
47) 2-Hexanone-d5	8.31	63	102095	101.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	159248	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	130448	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%

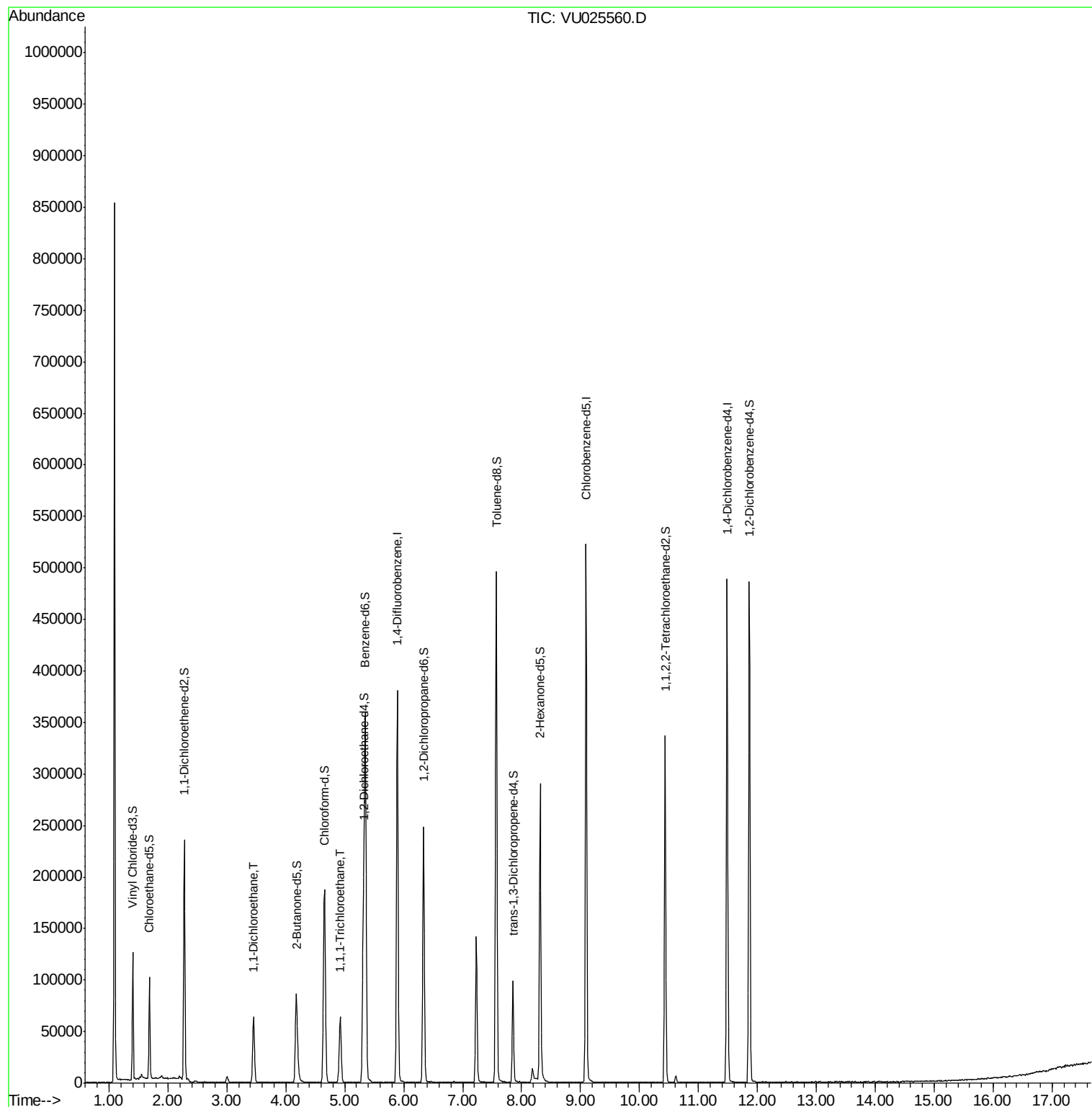
Target Compounds						Ovalue
19) 1,1-Dichloroethane	3.45	63	68724	17.48	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	49745	13.68	ug/L	99

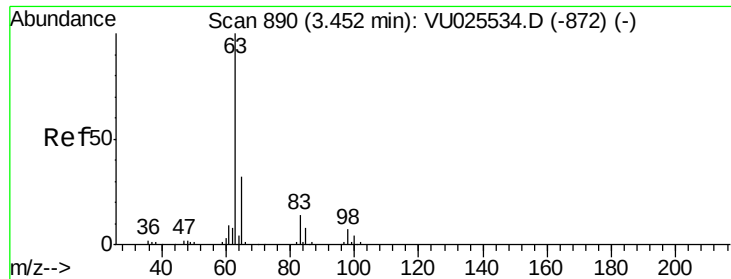
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 17.48 ug/L

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

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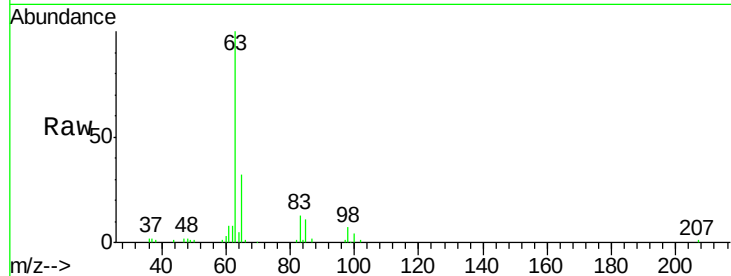
Tot Ion: 63 Resp: 68724

Ion Ratio Lower Upper

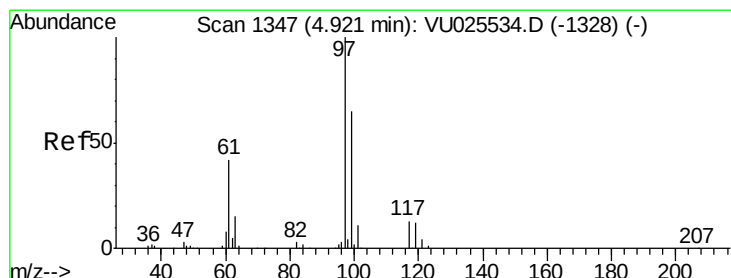
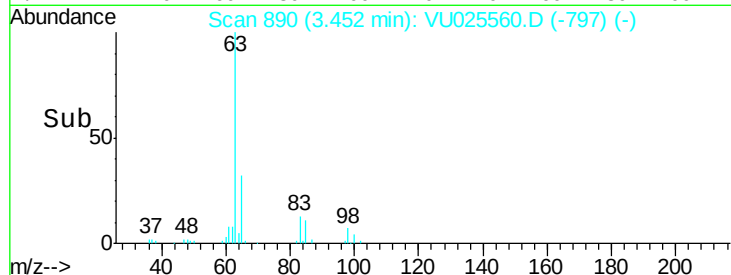
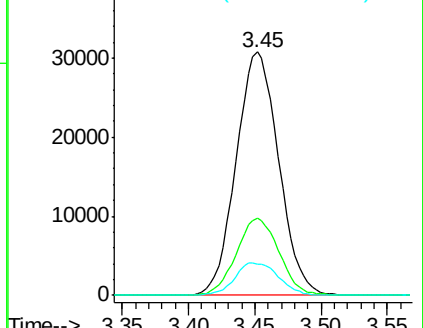
63 100

65 31.5 22.0 41.0

83 12.9 9.6 17.8



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0



#30

1,1,1-Trichloroethane

Concen: 13.68 ug/L

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

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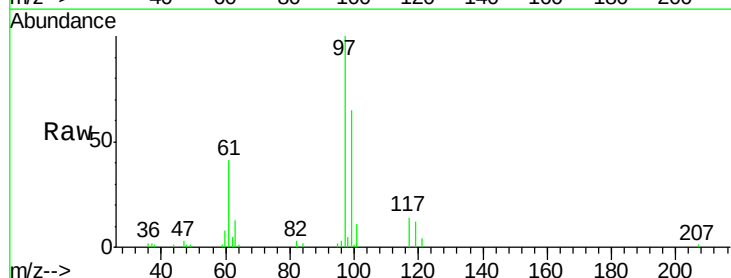
Tgt Ion: 97 Resp: 49745

Ion Ratio Lower Upper

97 100

99 65.9 52.4 78.6

61 43.7 34.6 52.0



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0

