

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025568.D
 Acq On : 21 Jul 2018 01:28
 Operator : MD/SY
 Sample : J4097-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB8

Quant Time: Jul 21 03:49:06 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	314277	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282901	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	128573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77903	43.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.84%
7) Chloroethane-d5	1.68	69	66245	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.52%
11) 1,1-Dichloroethene-d2	2.27	63	128173	34.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.64%
21) 2-Butanone-d5	4.18	46	137343	99.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.15%
24) Chloroform-d	4.65	84	179049	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.31	65	125767	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
32) Benzene-d6	5.35	84	349978	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
36) 1,2-Dichloropropane-d6	6.34	67	115238	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.58%
41) Toluene-d8	7.57	98	325627	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	52672	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.22%
47) 2-Hexanone-d5	8.31	63	99986	102.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.14%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155602	47.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	129086	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%

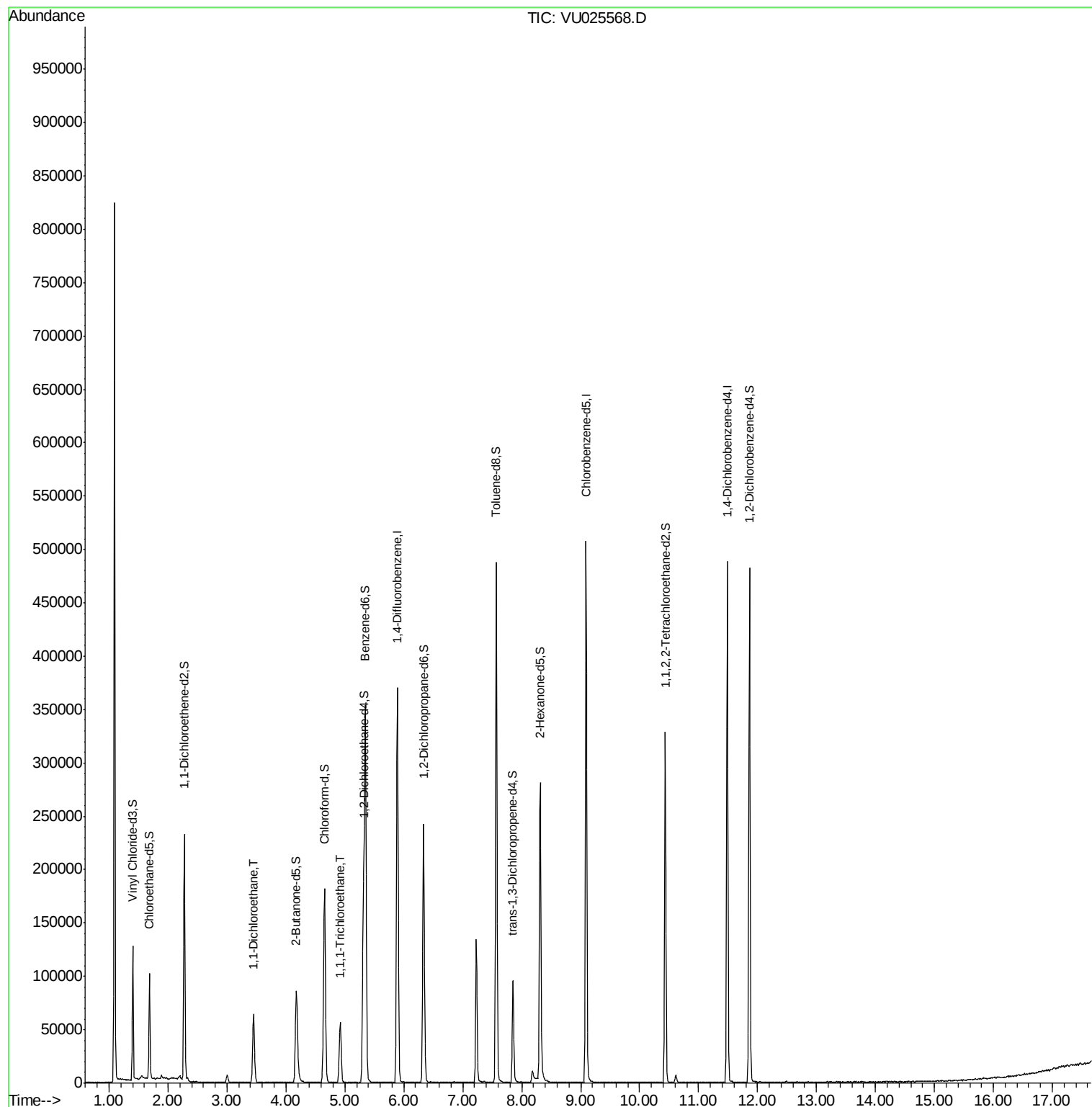
Target Compounds						Ovalue
19) 1,1-Dichloroethane	3.45	63	68812	17.71	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	44904	12.68	ug/L	99

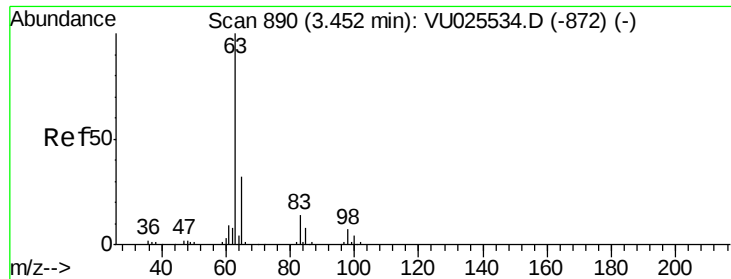
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 17.71 ug/L

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

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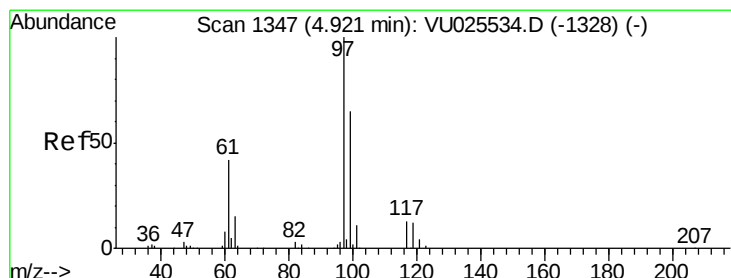
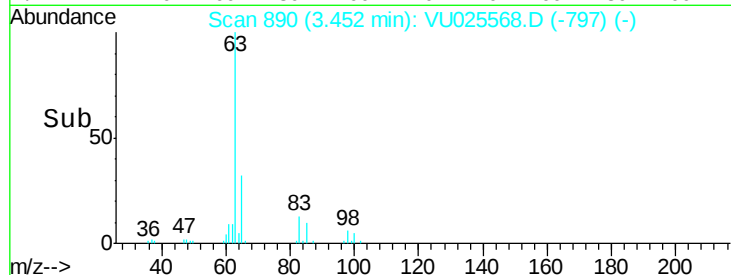
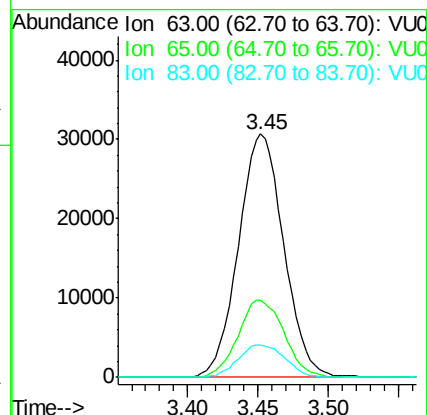
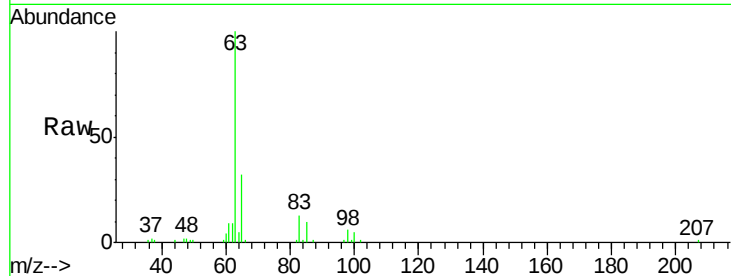
Tot Ion: 63 Resp: 68812

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 13.2 9.6 17.8



#30

1,1,1-Trichloroethane

Concen: 12.68 ug/L

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

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Tgt Ion: 97 Resp: 44904

Ion Ratio Lower Upper

97 100

99 64.6 52.4 78.6

61 44.6 34.6 52.0

