

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082718\
 Data File : VU026389.D
 Acq On : 27 Aug 2018 11:17
 Operator : MD/SY
 Sample : J4644-17DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM7DL

Quant Time: Aug 27 13:58:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 22 14:14:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	321522	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	305473	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	145415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98319	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.26%
7) Chloroethane-d5	1.68	69	81992	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.54%
11) 1,1-Dichloroethene-d2	2.27	63	148026	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
21) 2-Butanone-d5	4.18	46	149420	95.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.47%
24) Chloroform-d	4.65	84	215699	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.31	65	143911	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
32) Benzene-d6	5.34	84	418391	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.33	67	134639	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.62%
41) Toluene-d8	7.57	98	382621	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%
43) trans-1,3-Dichloropropene-	7.85	79	65912	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.24%
47) 2-Hexanone-d5	8.31	63	110708	98.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	189405	48.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	161166	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

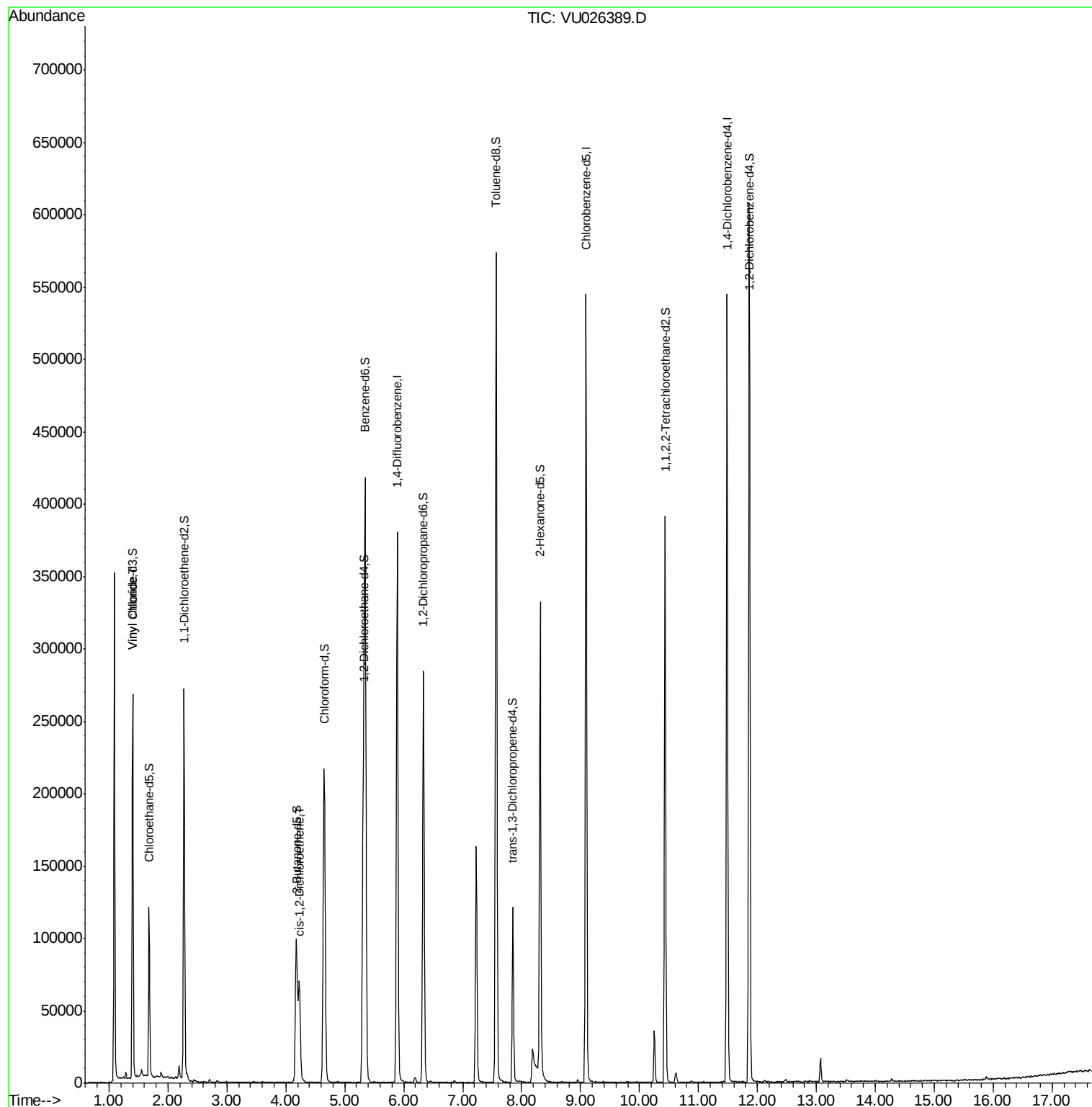
Target Compounds						Ovalue
5) Vinyl chloride	1.40	62	83101	35.43	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	37338	16.22	ug/L	99

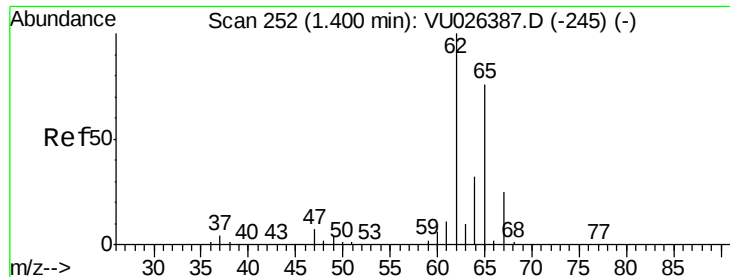
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 35.43 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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ClientSampleId :

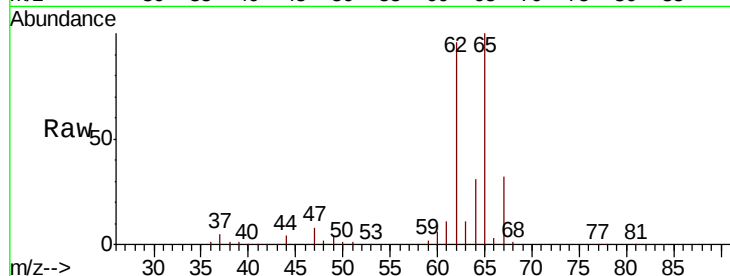
ETOM7DL

Tot Ion: 62 Resp: 83101

Ion Ratio Lower Upper

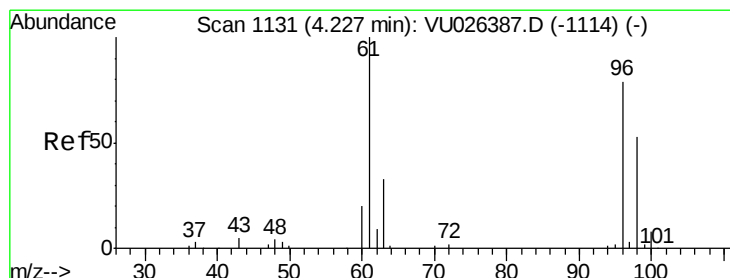
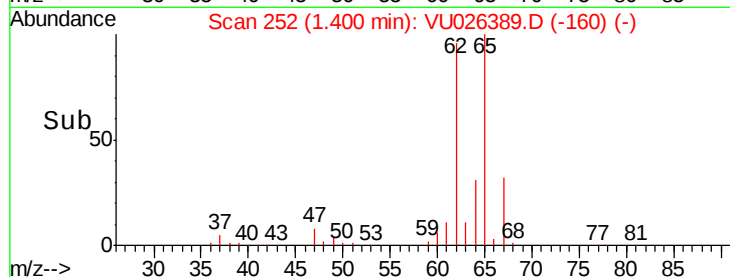
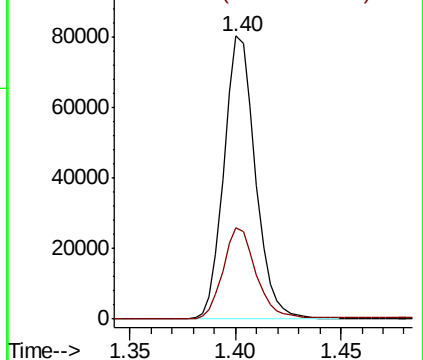
62 100

64 32.5 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 16.22 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

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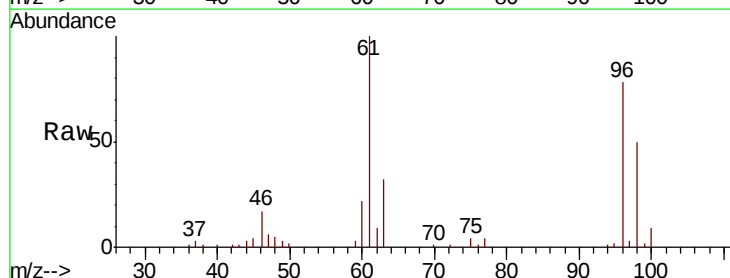
Tgt Ion: 96 Resp: 37338

Ion Ratio Lower Upper

96 100

61 128.1 88.8 165.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

