

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026377.D
 Acq On : 25 Aug 2018 17:35
 Operator : MD/SY
 Sample : J4644-14DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM4DL

Quant Time: Aug 27 07:24:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	310233	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309916	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	145694	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94158	49.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.52%
7) Chloroethane-d5	1.68	69	76427	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.06%
11) 1,1-Dichloroethene-d2	2.27	63	138033	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	4.18	46	145951	96.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	4.65	84	188872	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
26) 1,2-Dichloroethane-d4	5.31	65	132834	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
32) Benzene-d6	5.35	84	387130	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
36) 1,2-Dichloropropane-d6	6.33	67	122926	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.36%
41) Toluene-d8	7.57	98	349342	44.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.16%
43) trans-1,3-Dichloropropene-	7.85	79	58256	42.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.70%
47) 2-Hexanone-d5	8.31	63	105786	92.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	176195	44.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	151703	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%

Target Compounds

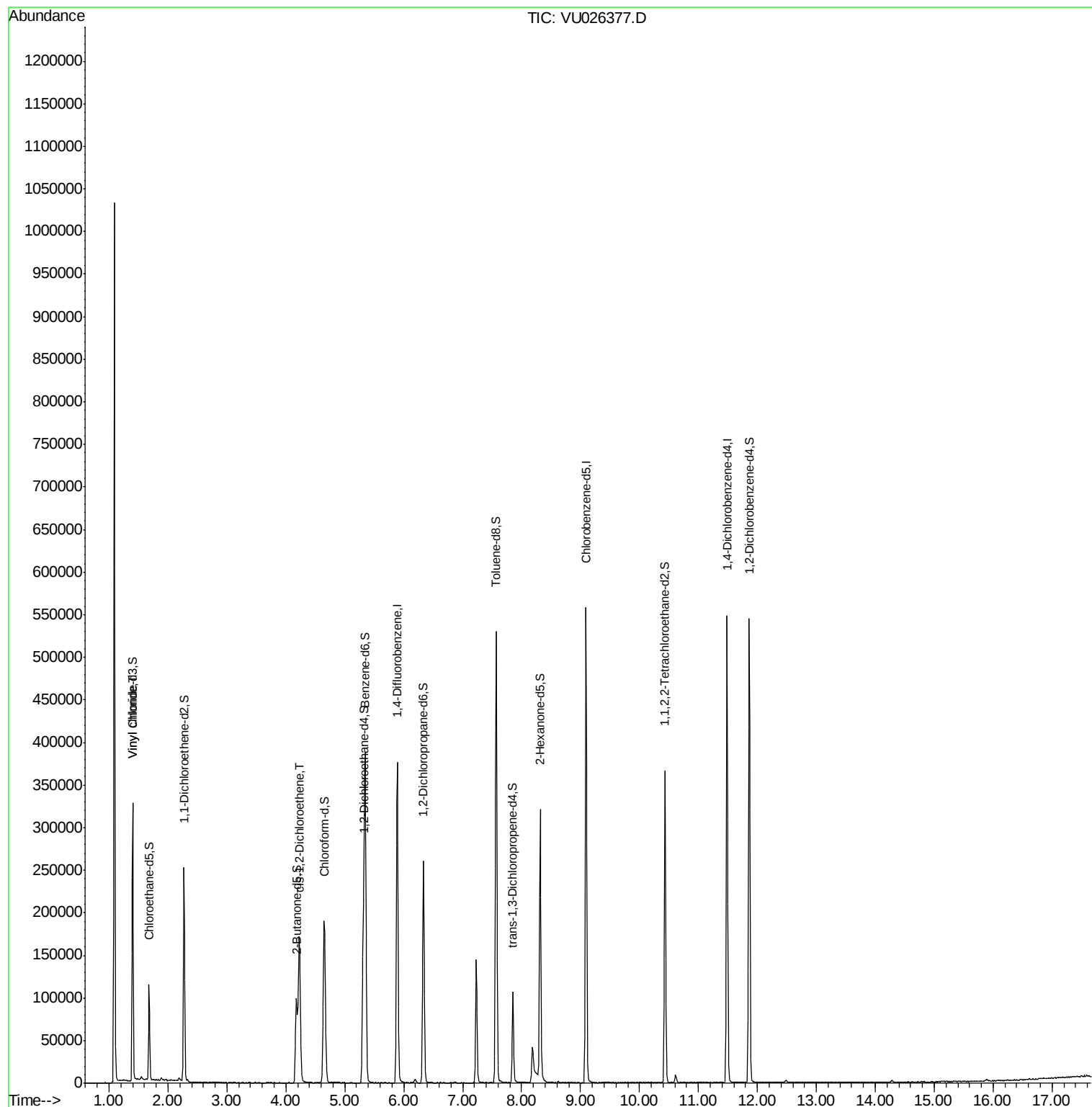
						Ovalue
5) Vinyl chloride	1.40	62	114363	50.54	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	95725	43.09	ug/L	94

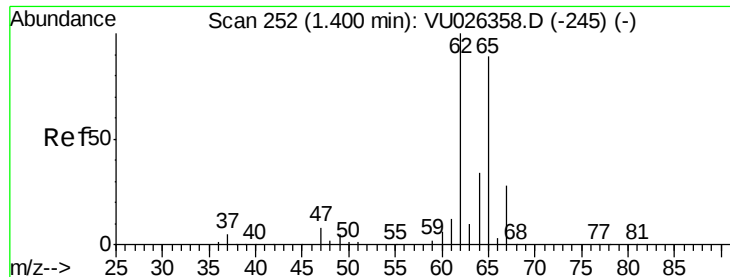
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 50.54 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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ClientSampleId :

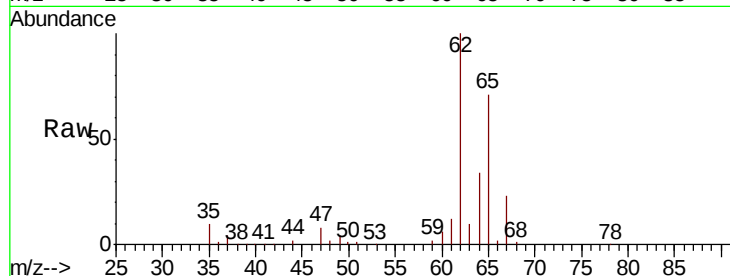
ETOM4DL

Tot Ion: 62 Resp: 114363

Ion Ratio Lower Upper

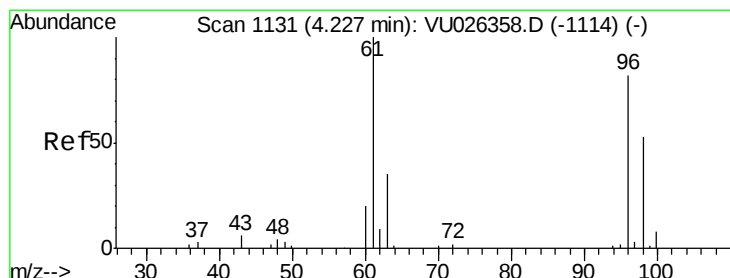
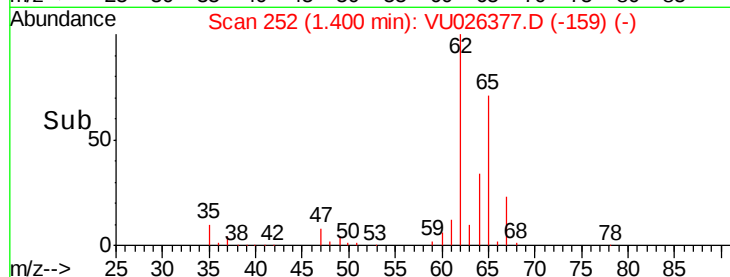
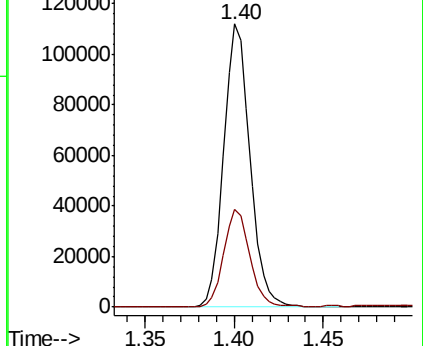
62 100

64 34.4 24.2 45.0



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: 43.09 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

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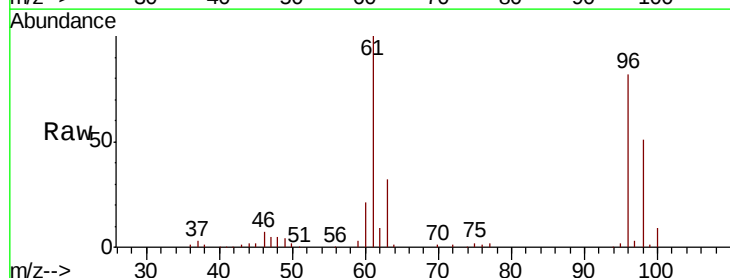
Tgt Ion: 96 Resp: 95725

Ion Ratio Lower Upper

96 100

61 122.1 90.3 167.7

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

