

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
 Data File : VU026352.D
 Acq On : 24 Aug 2018 22:32
 Operator : MD/SY
 Sample : J4644-20 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ET0N0

Quant Time: Aug 25 05:05:41 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	288951	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133451	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68233	38.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.44%
7) Chloroethane-d5	1.68	69	62268	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.66%
11) 1,1-Dichloroethene-d2	2.27	63	111121	32.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.16%
21) 2-Butanone-d5	4.18	46	136731	97.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.21%
24) Chloroform-d	4.65	84	173333	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
26) 1,2-Dichloroethane-d4	5.31	65	116420	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
32) Benzene-d6	5.35	84	334540	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
36) 1,2-Dichloropropane-d6	6.33	67	110876	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.68%
41) Toluene-d8	7.57	98	301557	41.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.76%
43) trans-1,3-Dichloropropene-	7.85	79	52255	41.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.62%
47) 2-Hexanone-d5	8.31	63	93265	90.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	161987	45.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	132041	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%

Target Compounds

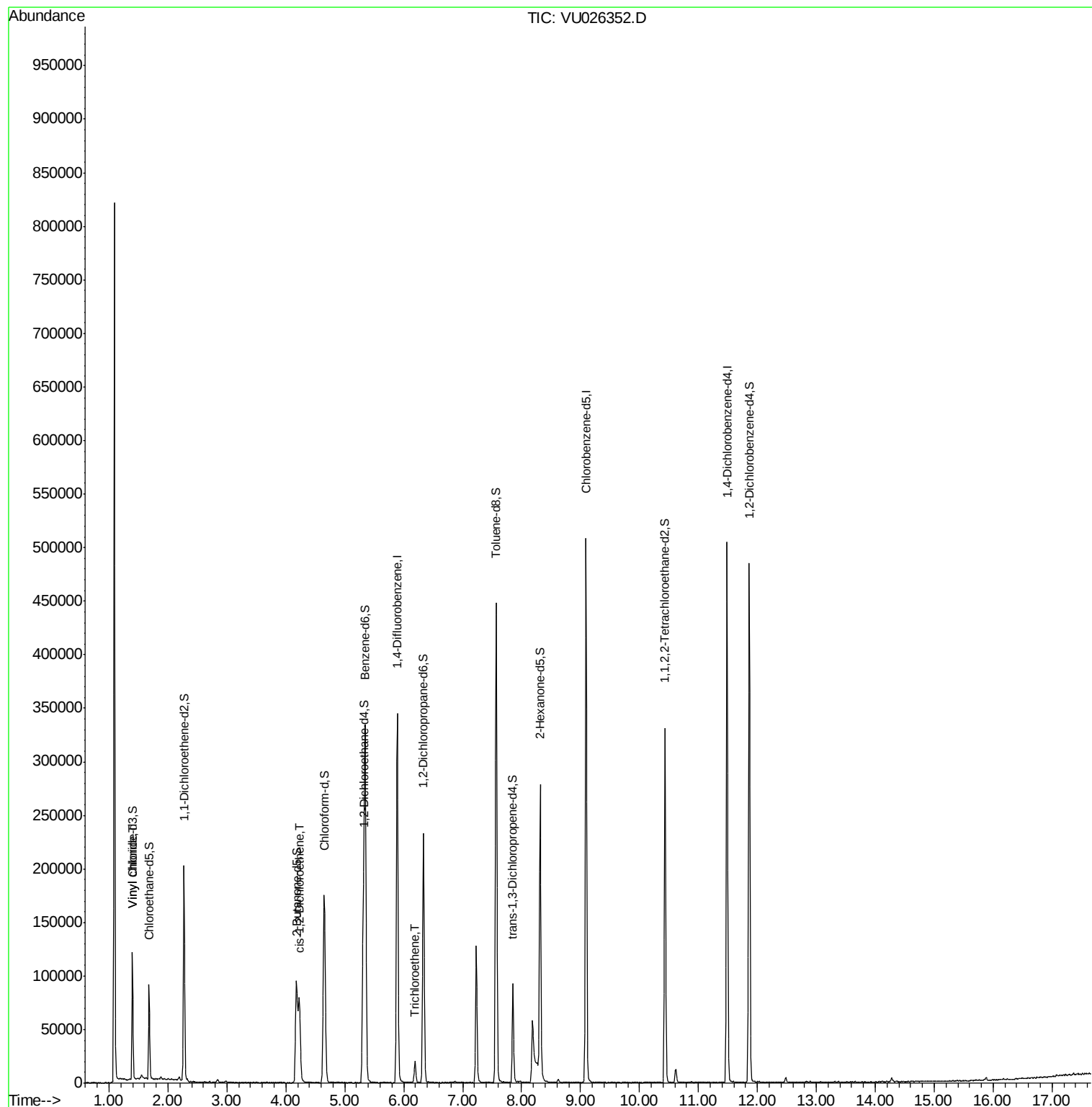
					Qvalue
5) Vinyl chloride	1.40	62	8539	4.052 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	40994	19.812 ug/L	97
34) Trichloroethene	6.19	95	6867	3.383 ug/L	93

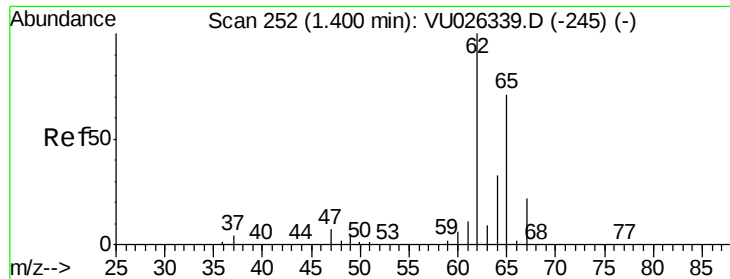
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.052 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

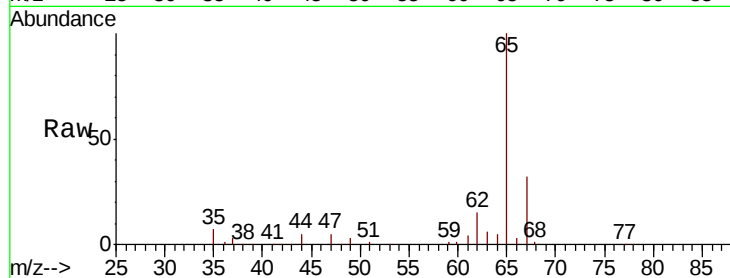
ETON0

Tgt Ion: 62 Resp: 8539

Ion Ratio Lower Upper

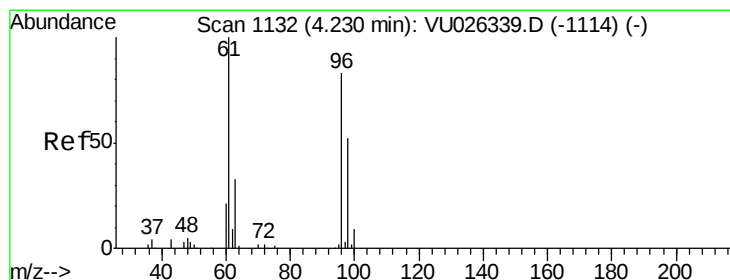
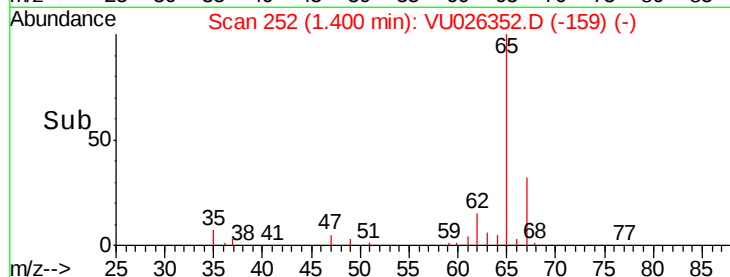
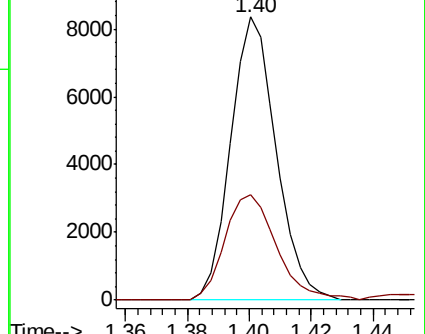
62 100

64 37.1 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: 19.812 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

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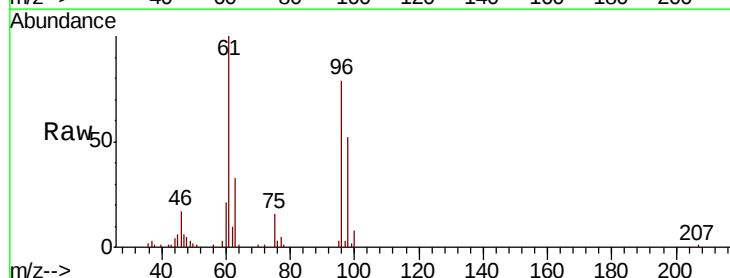
Tgt Ion: 96 Resp: 40994

Ion Ratio Lower Upper

96 100

61 125.9 90.3 167.7

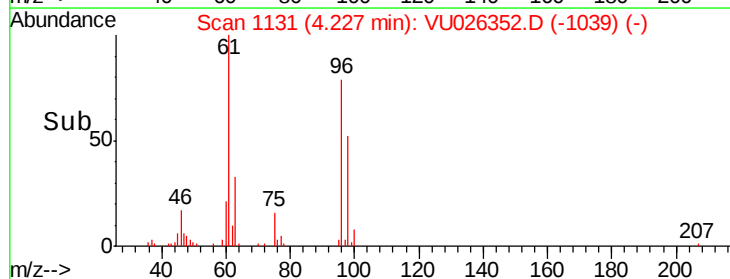
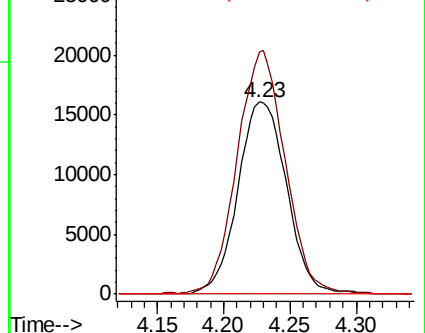
68 0.0 0.0 0.0

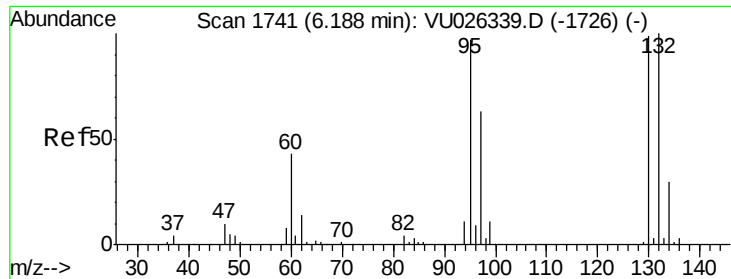


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34
 Trichloroethene
 Concen: 3.383 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
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Tgt Ion:	95	Resp:	6867
Ion	Ratio	Lower	Upper
95	100		
97	56.9	47.2	87.6
132	95.2	70.2	130.4
130	108.8	73.4	136.4

