

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
 Data File : VU026355.D
 Acq On : 24 Aug 2018 23:42
 Operator : MD/SY
 Sample : J4644-16 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM6

Quant Time: Aug 25 05:14:18 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	286289	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	279817	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132112	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73897	42.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.64%
7) Chloroethane-d5	1.68	69	61946	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.27	63	108712	31.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.34%
21) 2-Butanone-d5	4.18	46	135729	97.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.39%
24) Chloroform-d	4.65	84	172485	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	5.31	65	118996	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.35	84	339030	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
36) 1,2-Dichloropropane-d6	6.33	67	111046	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.40%
41) Toluene-d8	7.57	98	288920	40.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.76%
43) trans-1,3-Dichloropropene-	7.85	79	52033	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.80%
47) 2-Hexanone-d5	8.31	63	93613	91.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	162668	45.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	128994	46.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.02%

Target Compounds

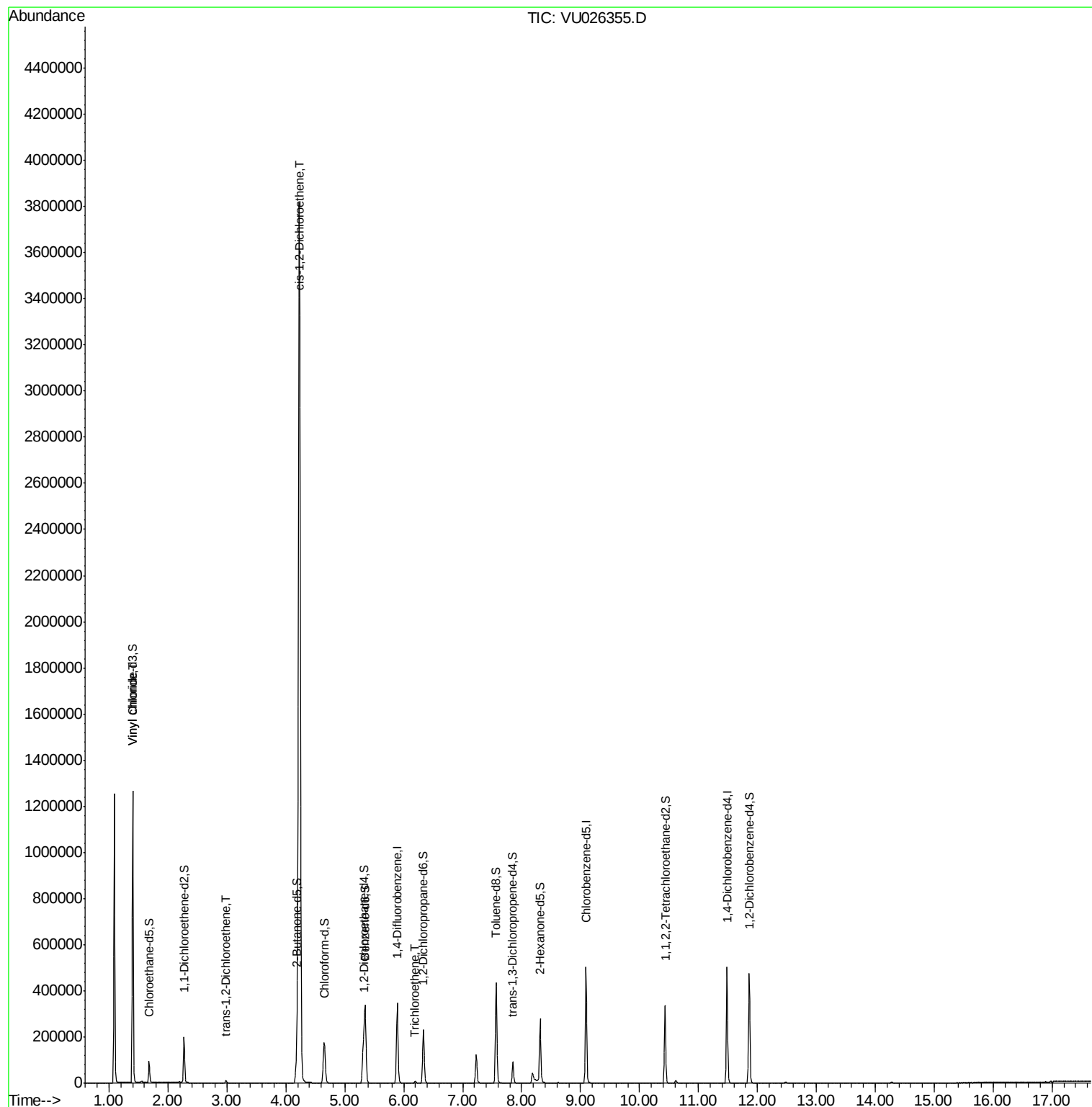
					Qvalue
5) Vinyl chloride	1.40	62	720134	344.860 ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	4324	2.328 ug/L	77
20) cis-1,2-Dichloroethene	4.23	96	2182991	1064.832 ug/L	97
34) Trichloroethene	6.18	95	2680	1.329 ug/L	98

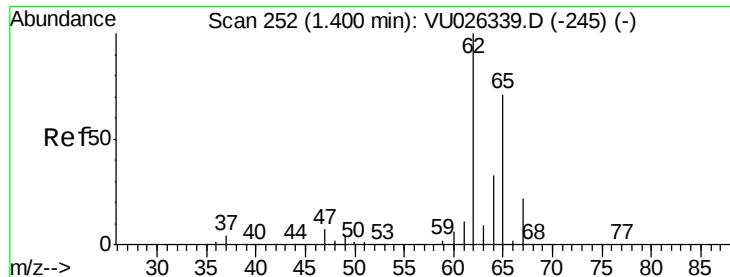
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 344.860 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

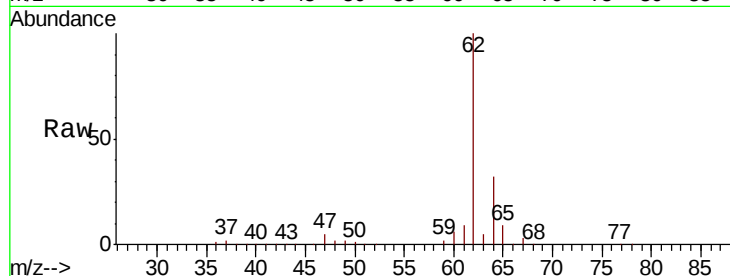
ETOM6

Tgt Ion: 62 Resp: 720134

Ion Ratio Lower Upper

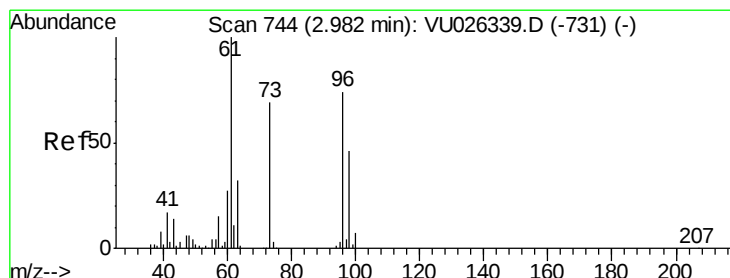
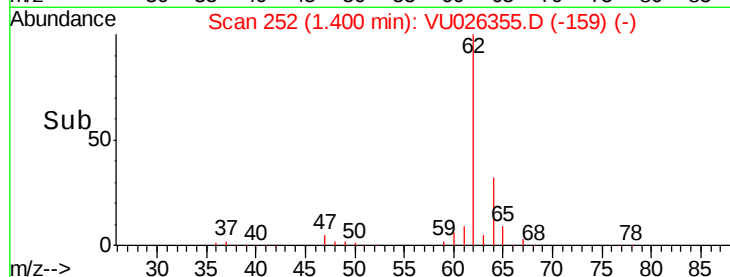
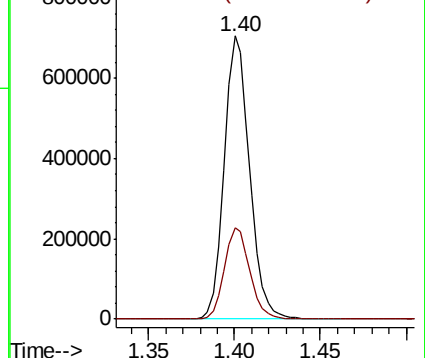
62 100

64 32.3 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 2.328 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026355.D

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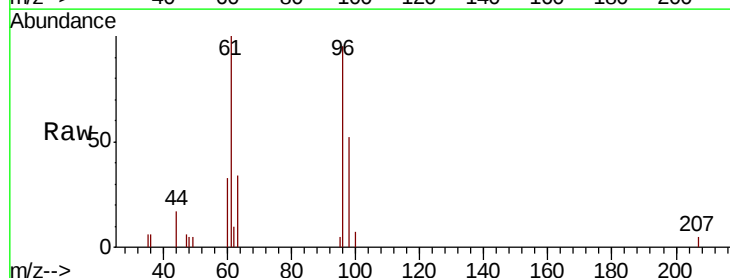
Tgt Ion: 96 Resp: 4324

Ion Ratio Lower Upper

96 100

61 105.3 97.9 181.9

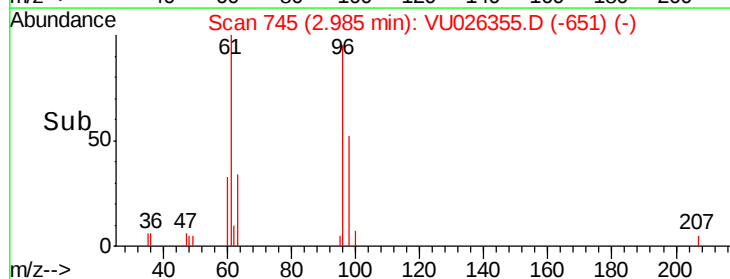
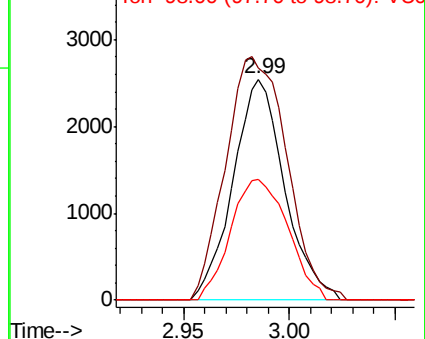
98 54.7 45.1 83.7

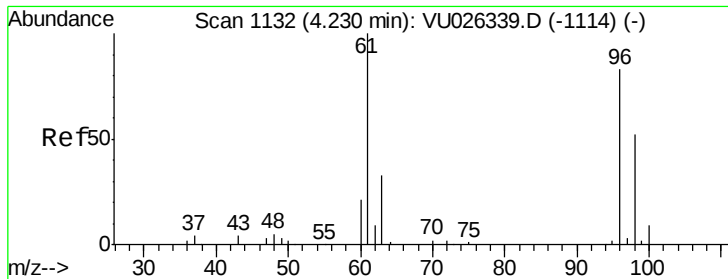


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



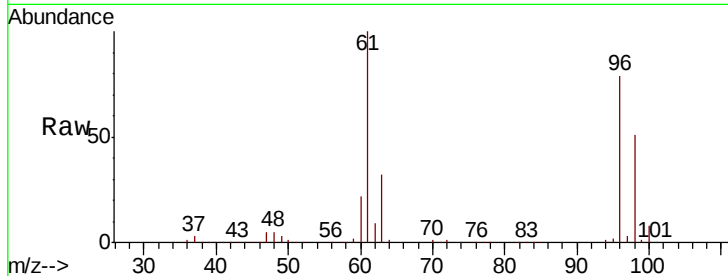


#20

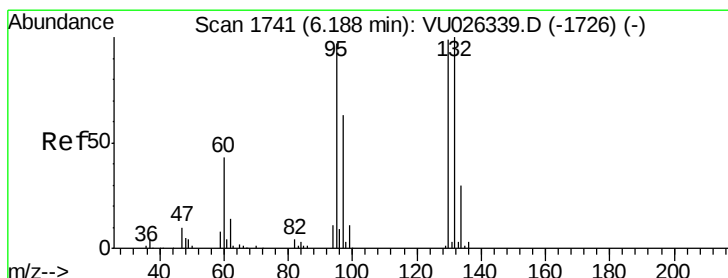
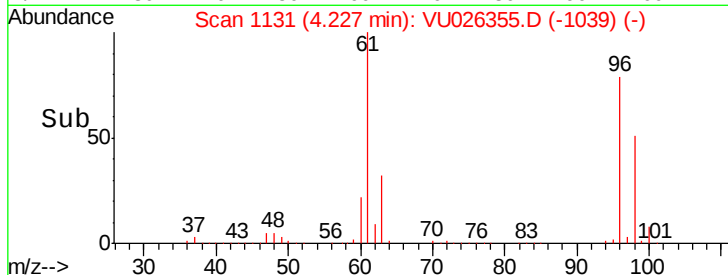
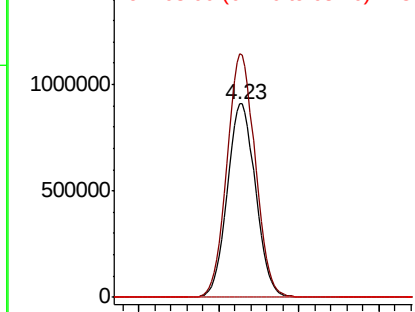
cis-1,2-Dichloroethene
 Concen: 1064.832 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026355.D
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Tgt Ion: 96 Resp: 2182991
 Ion Ratio Lower Upper
 96 100
 61 125.9 90.3 167.7
 68 0.0 0.0 0.0



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: 1.329 ug/L
 RT: 6.18 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VU026355.D
 Acq: 24 Aug 2018 23:42

Tgt Ion: 95 Resp: 2680
 Ion Ratio Lower Upper
 95 100
 97 63.7 47.2 87.6
 132 99.0 70.2 130.4
 130 102.7 73.4 136.4

Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

