

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082718\
 Data File : VU026391.D
 Acq On : 27 Aug 2018 12:03
 Operator : MD/SY
 Sample : VIBLK45
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK45

Quant Time: Aug 27 13:47:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 13:46:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	333644	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	323232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155993	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105283	51.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.48%
7) Chloroethane-d5	1.68	69	87168	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.06%
11) 1,1-Dichloroethene-d2	2.27	63	153280	38.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.64%
21) 2-Butanone-d5	4.18	46	164440	101.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.25%
24) Chloroform-d	4.65	84	215315	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
26) 1,2-Dichloroethane-d4	5.31	65	141517	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
32) Benzene-d6	5.35	84	419462	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
36) 1,2-Dichloropropane-d6	6.33	67	134366	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.78%
41) Toluene-d8	7.57	98	383178	46.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.72%
43) trans-1,3-Dichloropropene-	7.85	79	57770	40.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.54%
47) 2-Hexanone-d5	8.31	63	124971	105.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	189058	46.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	166408	50.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.54%

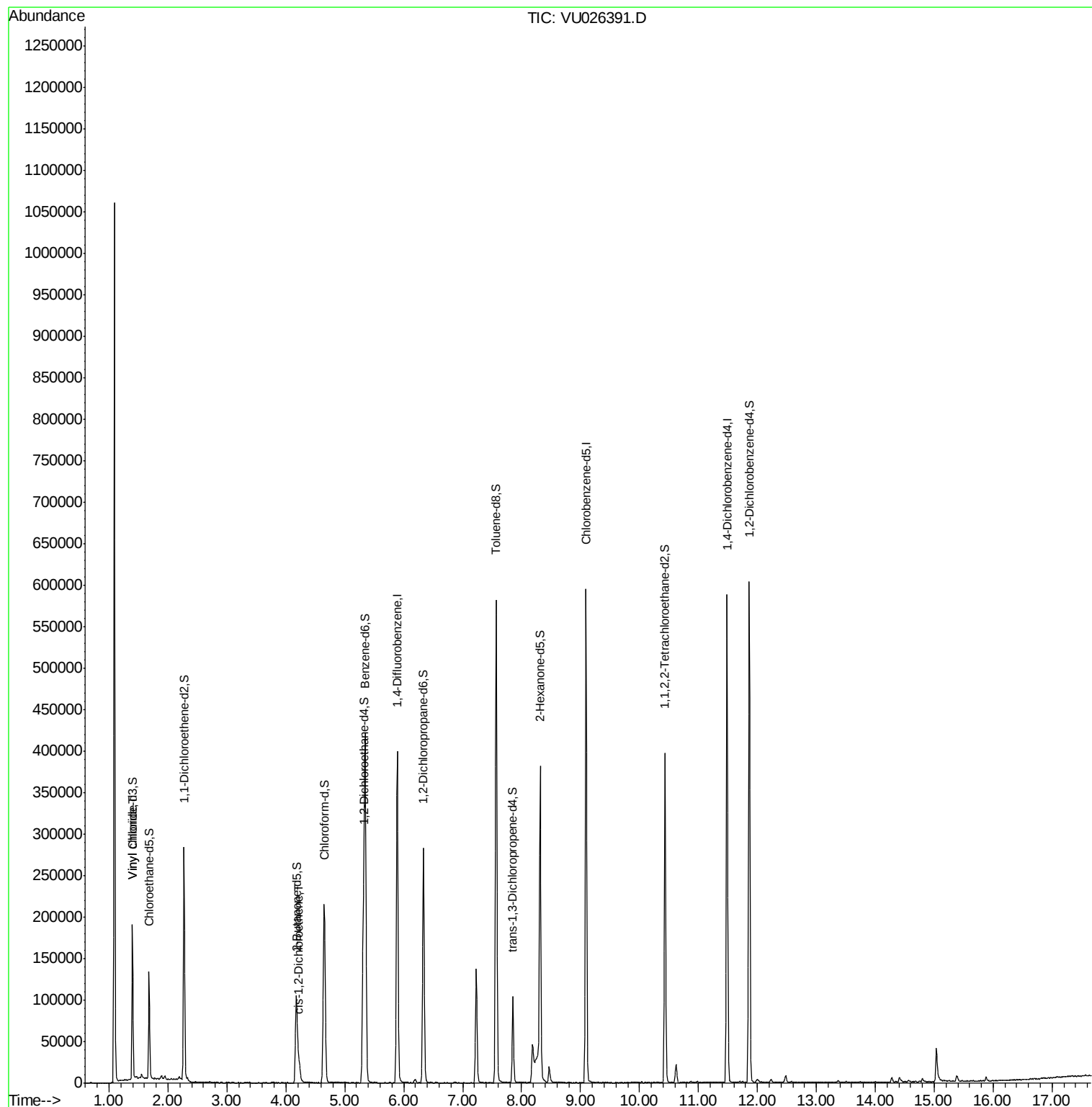
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	13344	5.48 ug/L	# 74
20) cis-1,2-Dichloroethene	4.23	96	10517	4.40 ug/L	91

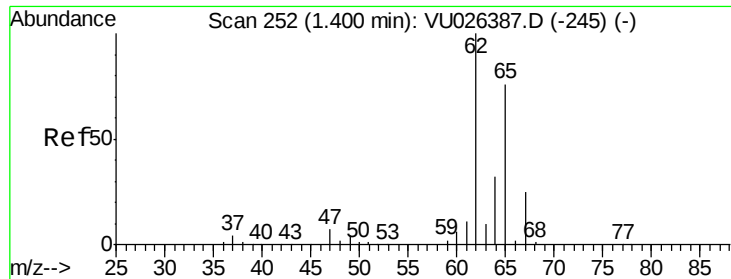
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.48 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026391.D

Acq: 27 Aug 2018 12:03

Instrument :

MSVOA_U

ClientSampled :

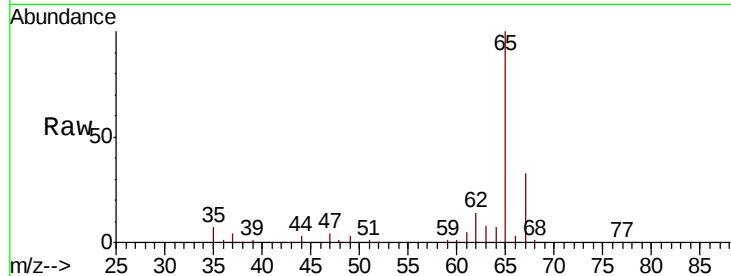
VIBLK45

Tot Ion: 62 Resp: 13344

Ion Ratio Lower Upper

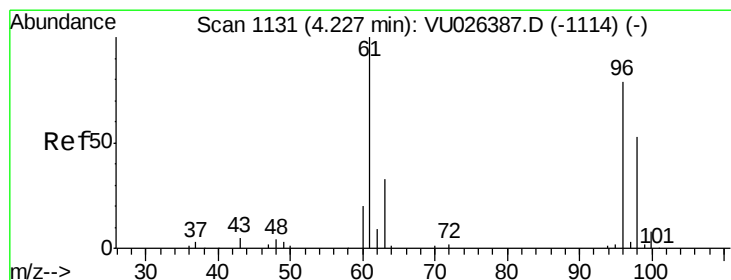
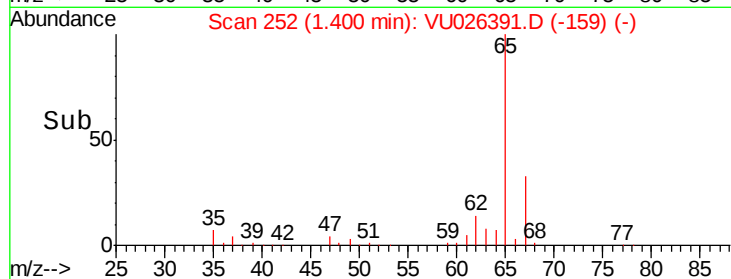
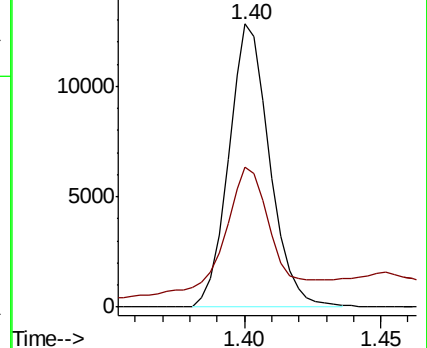
62 100

64 49.4 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: 4.40 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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Acq: 27 Aug 2018 12:03

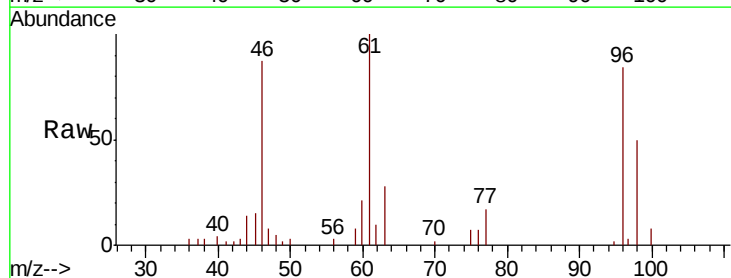
Tgt Ion: 96 Resp: 10517

Ion Ratio Lower Upper

96 100

61 118.9 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

