

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025442.D
 Acq On : 16 Jul 2018 22:35
 Operator : MD/SY
 Sample : J3984-08DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB182DL

Quant Time: Jul 17 09:53:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	317426	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149355	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68953	40.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.80%
7) Chloroethane-d5	1.64	69	44915	32.05	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.10%#
11) 1,1-Dichloroethene-d2	2.26	63	112402	30.47	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.94%
21) 2-Butanone-d5	4.18	46	171145	99.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.24%
24) Chloroform-d	4.65	84	177084	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.31	65	125967	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
32) Benzene-d6	5.34	84	337126	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.33	67	112022	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.80%
41) Toluene-d8	7.57	98	319702	42.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.32%
43) trans-1,3-Dichloropropene-	7.85	79	50324	40.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.40%
47) 2-Hexanone-d5	8.31	63	137268	104.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	185859	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	11.87	152	145029	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%

Target Compounds

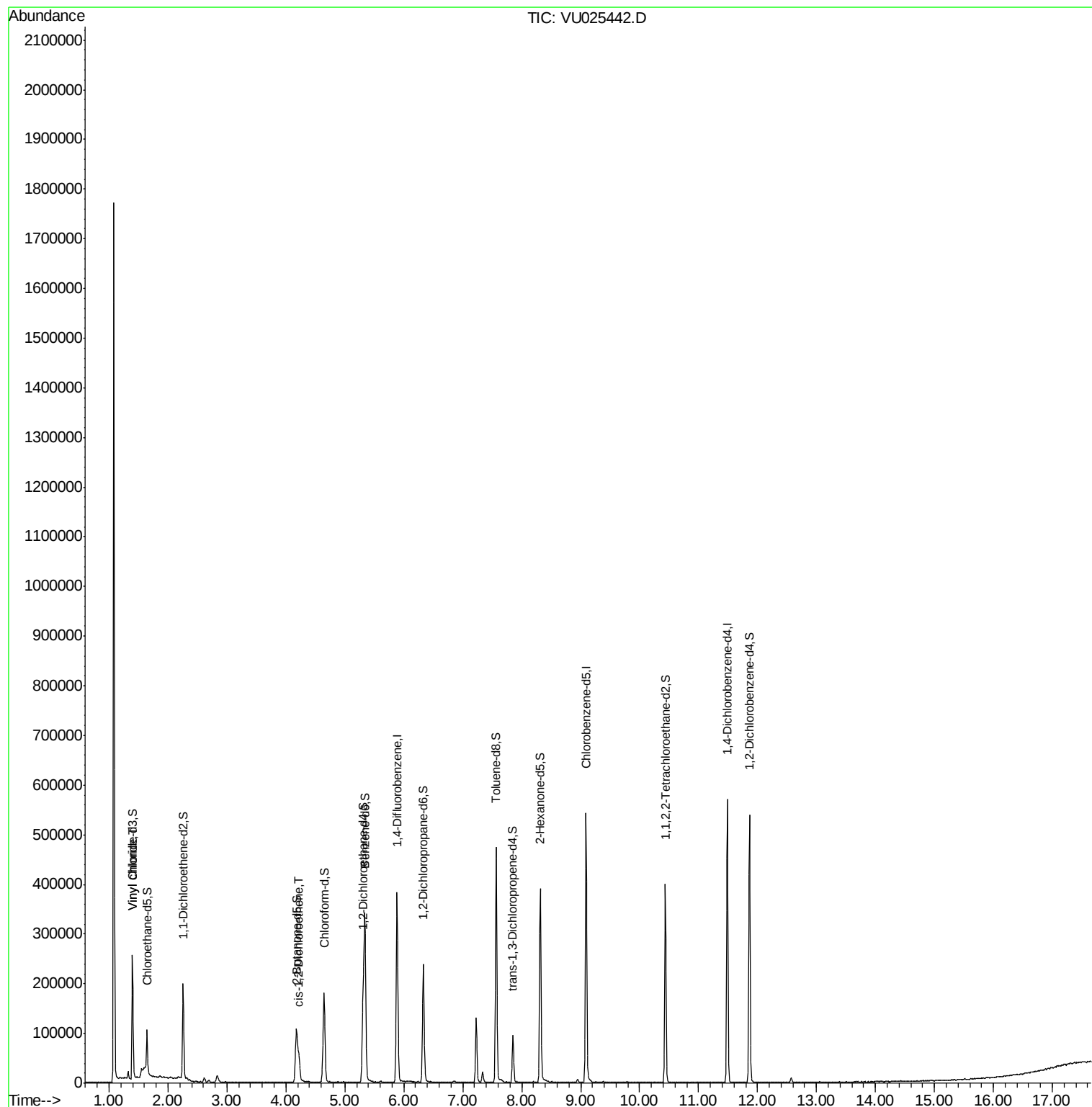
					Ovalue
5) Vinyl chloride	1.40	62	109867	45.33 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	23873	9.80 ug/L	99

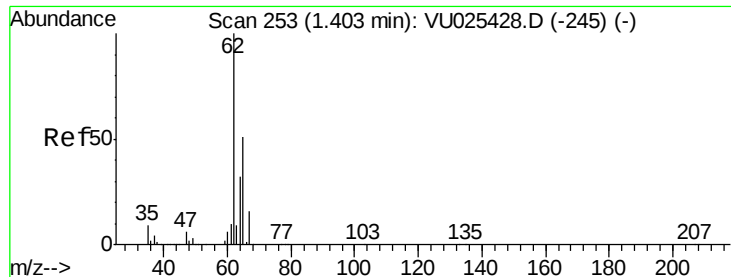
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 45.33 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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ClientSampleId :

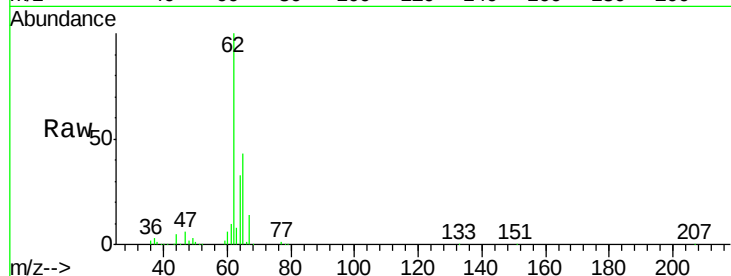
DB182DL

Tot Ion: 62 Resp: 109867

Ion Ratio Lower Upper

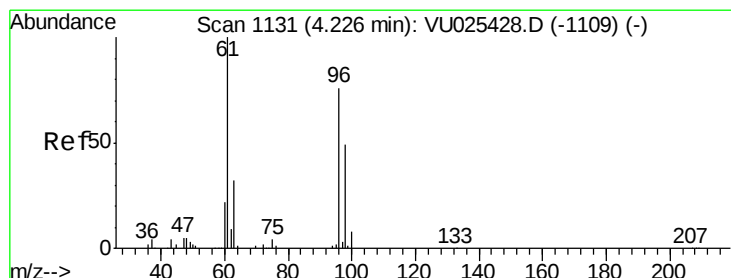
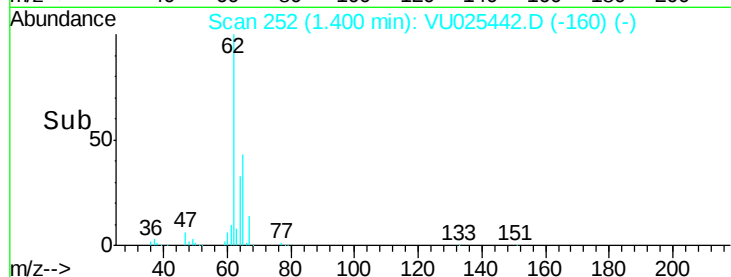
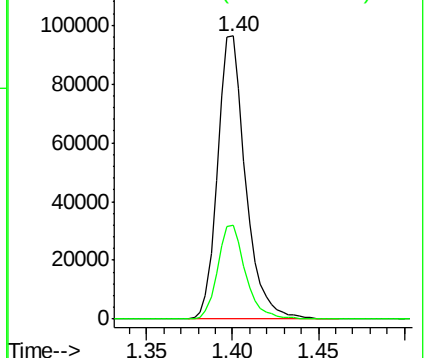
62 100

64 33.2 22.6 42.0



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: 9.80 ug/L

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

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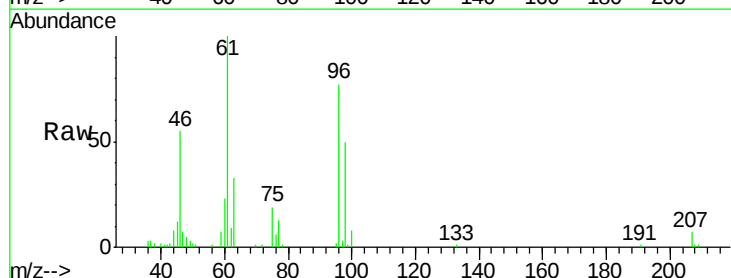
Tgt Ion: 96 Resp: 23873

Ion Ratio Lower Upper

96 100

61 130.3 92.0 170.9

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

