

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\
 Data File : VU028175.D
 Acq On : 15 Nov 2018 16:39
 Operator : MD/SY
 Sample : J5943-18DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP4DL

Quant Time: Nov 16 09:12:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 00:43:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	173663	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76359	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52529	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.68	69	46225	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.28	63	78237	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.19	46	215613	51.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	4.65	84	101795	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	60157	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.34	84	203843	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.33	67	76200	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.57	98	172708	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.85	79	24324	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.31	63	161806	47.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55965	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	62910	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

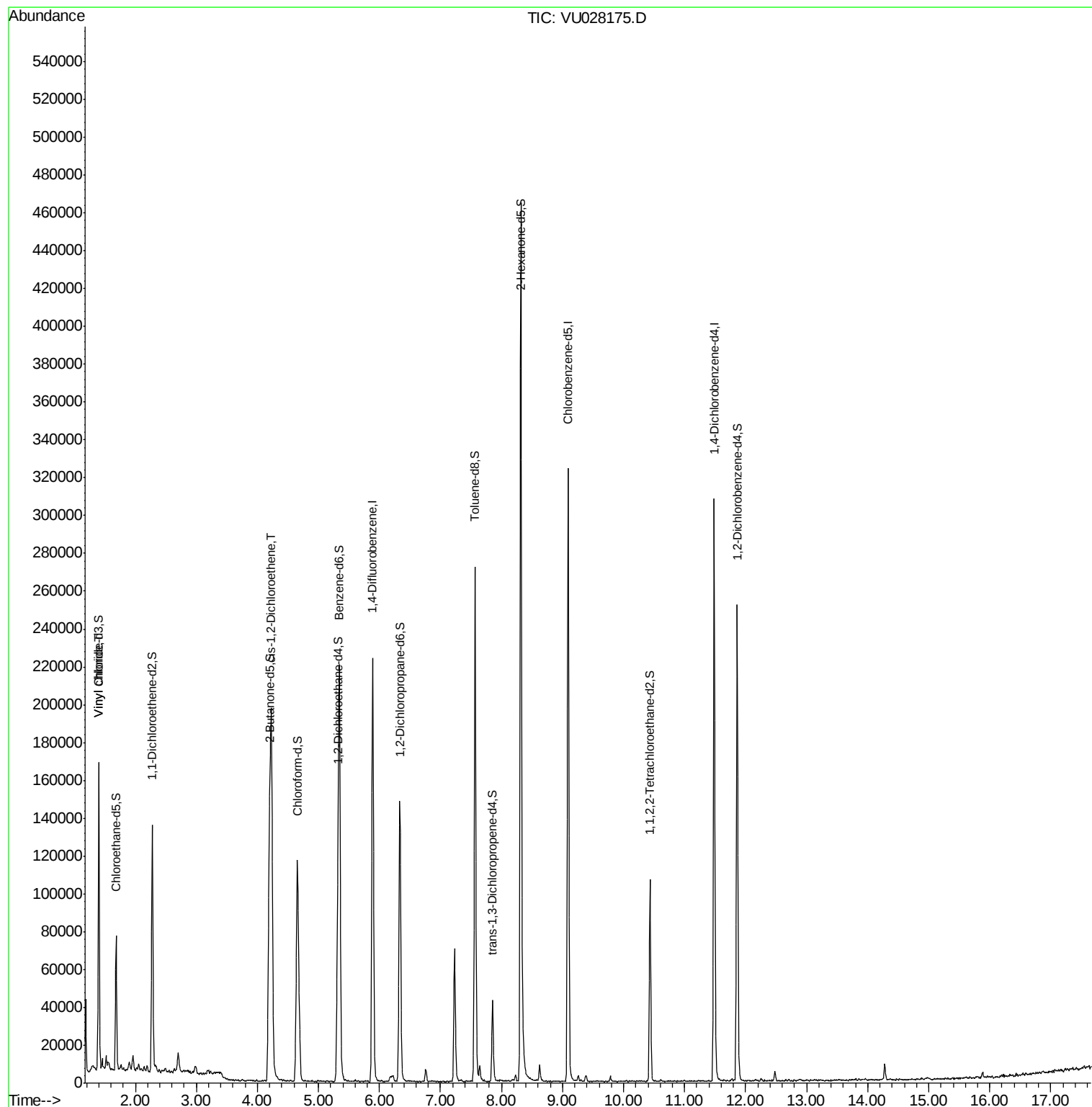
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	51019	2.74	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	86102	6.36	ug/L	100

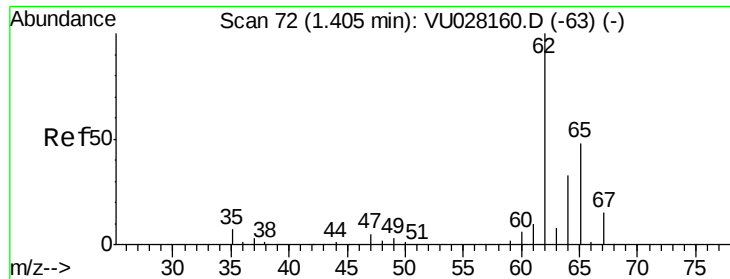
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.74 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

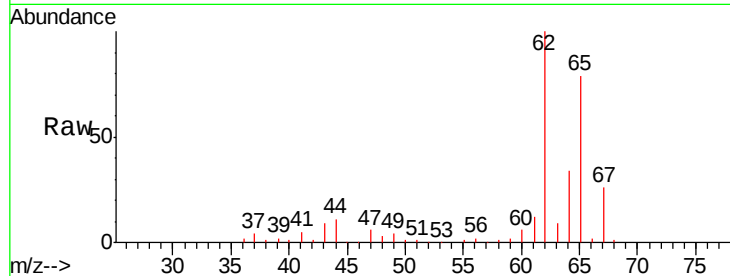
H0FP4DL

Tgt Ion: 62 Resp: 51019

Ion Ratio Lower Upper

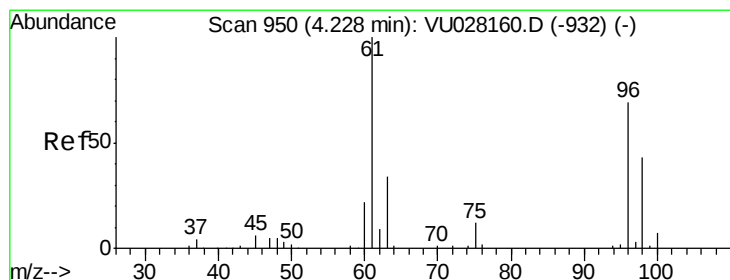
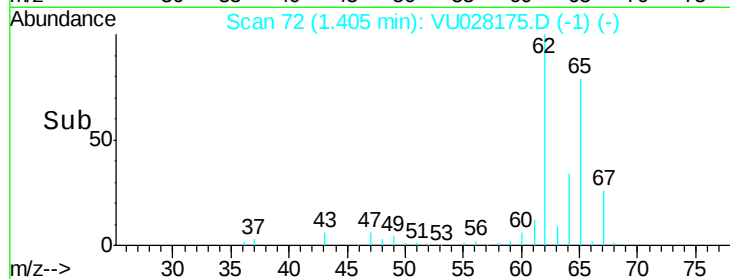
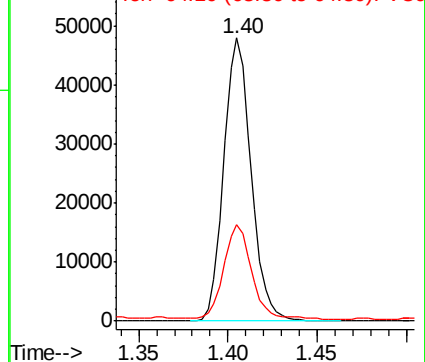
62 100

64 33.9 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 6.36 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

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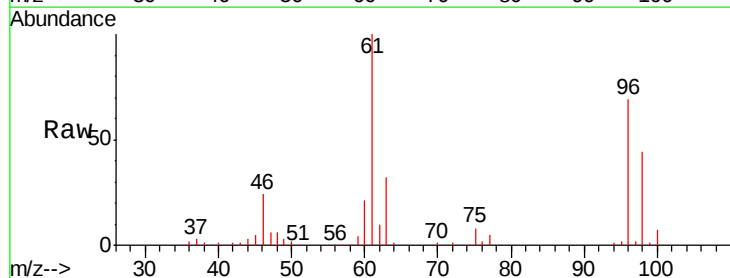
Tgt Ion: 96 Resp: 86102

Ion Ratio Lower Upper

96 100

61 144.8 101.8 189.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

