

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062519\
 Data File : VU033041.D
 Acq On : 25 Jun 2019 09:48
 Operator : JC/SP
 Sample : K3478-17DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF32DL

Quant Time: Jun 26 07:31:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 07:06:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193071	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190422	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91935	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60952	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.38%
7) Chloroethane-d5	1.65	69	54887	52.16	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.32%
11) 1,1-Dichloroethene-d2	2.25	63	97553	36.70	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	4.17	46	126069	114.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.79%
24) Chloroform-d	4.63	84	133593	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	5.30	65	95032	55.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.24%
32) Benzene-d6	5.33	84	257250	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
36) 1,2-Dichloropropane-d6	6.32	67	84857	53.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.32%
41) Toluene-d8	7.56	98	233921	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%
43) trans-1,3-Dichloropropene-	7.84	79	41728	50.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.46%
47) 2-Hexanone-d5	8.31	63	76833	104.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128516	52.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	96259	54.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.22%

Target Compounds

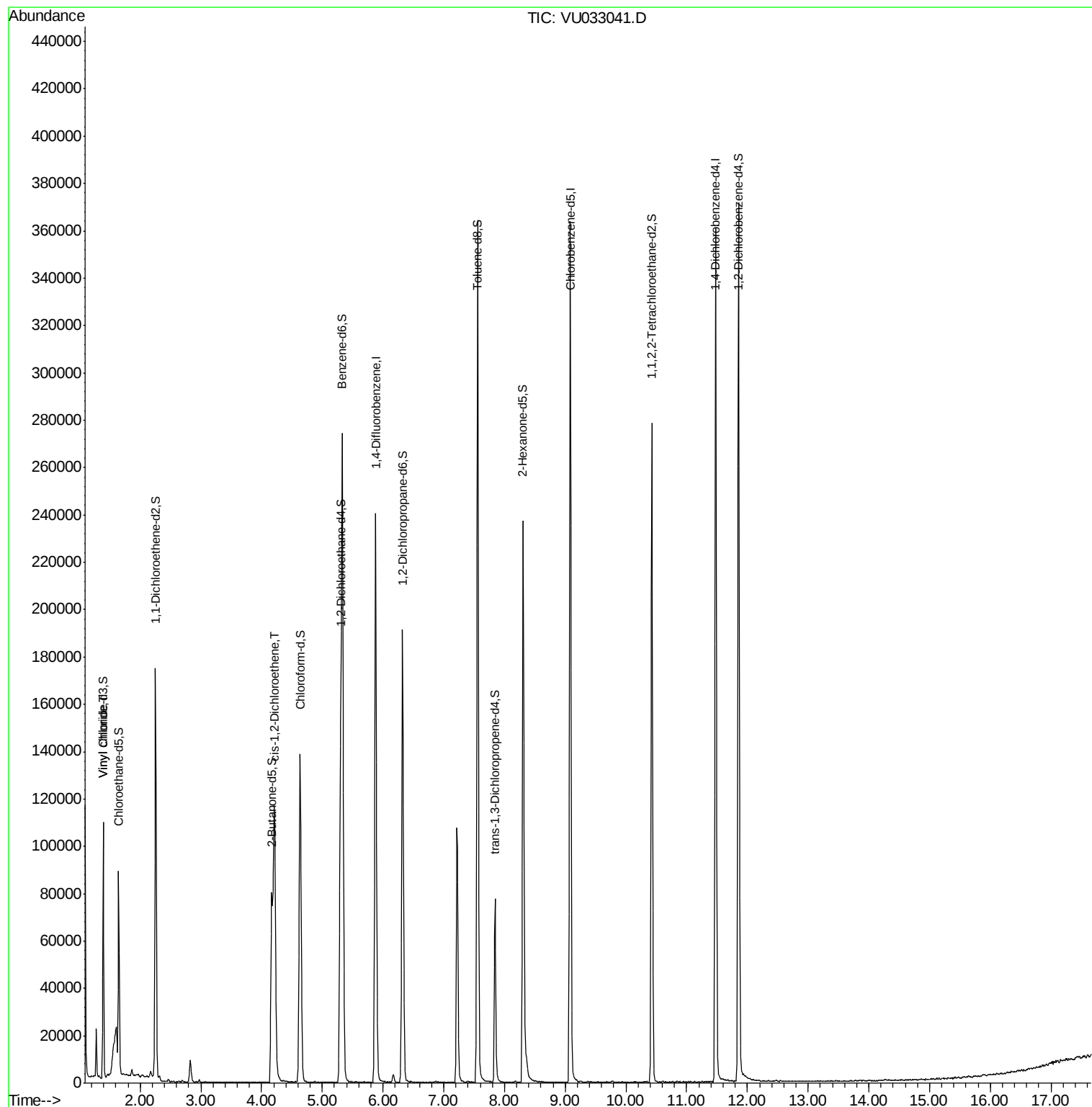
					Ovalue
5) Vinyl chloride	1.40	62	2879	1.642 ug/L #	51
20) cis-1,2-Dichloroethene	4.21	96	56229	39.148 ug/L	95

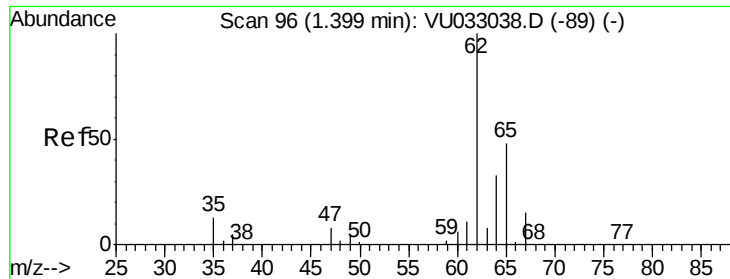
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.642 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleID :

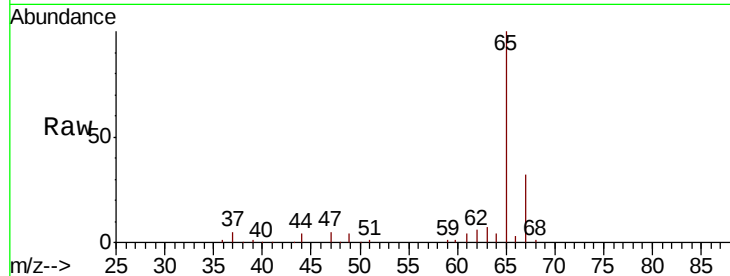
ETF32DL

Tot Ion: 62 Resp: 2879

Ion Ratio Lower Upper

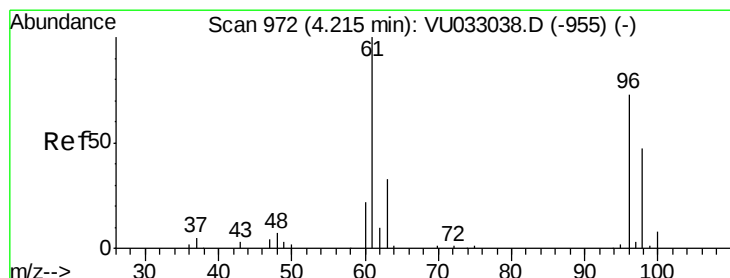
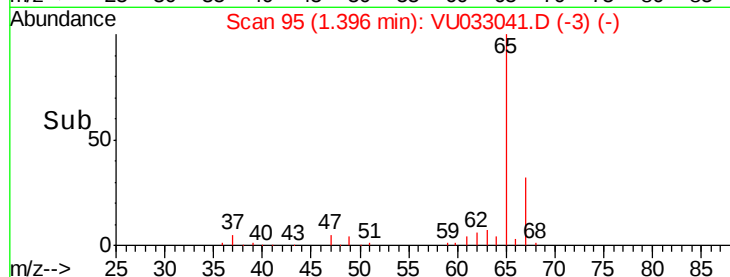
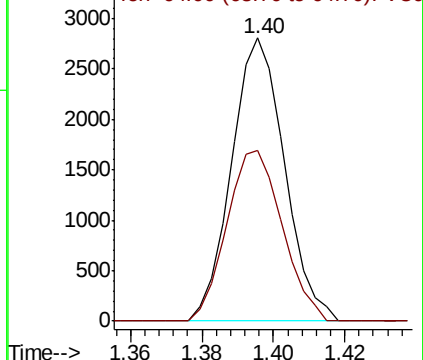
62 100

64 60.3 23.0 42.6#



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: 39.148 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.00 min

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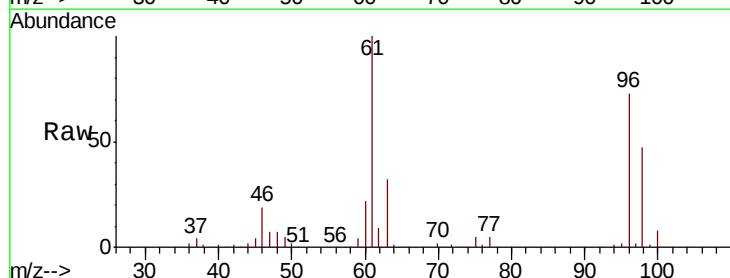
Tgt Ion: 96 Resp: 56229

Ion Ratio Lower Upper

96 100

61 137.5 92.4 171.6

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

