

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033016.D
 Acq On : 24 Jun 2019 19:28
 Operator : JC/SP
 Sample : K3478-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF24

Quant Time: Jun 25 07:23:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 06:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91891	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	64470	48.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.12%
7) Chloroethane-d5	1.68	69	53588	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.27	63	99037	37.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.06%
21) 2-Butanone-d5	4.17	46	122726	111.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.07%
24) Chloroform-d	4.64	84	129198	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
26) 1,2-Dichloroethane-d4	5.30	65	92140	53.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.20%
32) Benzene-d6	5.33	84	255021	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
36) 1,2-Dichloropropane-d6	6.32	67	81895	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.88%
41) Toluene-d8	7.56	98	230248	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
43) trans-1,3-Dichloropropene-	7.85	79	38861	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
47) 2-Hexanone-d5	8.31	63	73247	97.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.58%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	121865	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	89449	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%

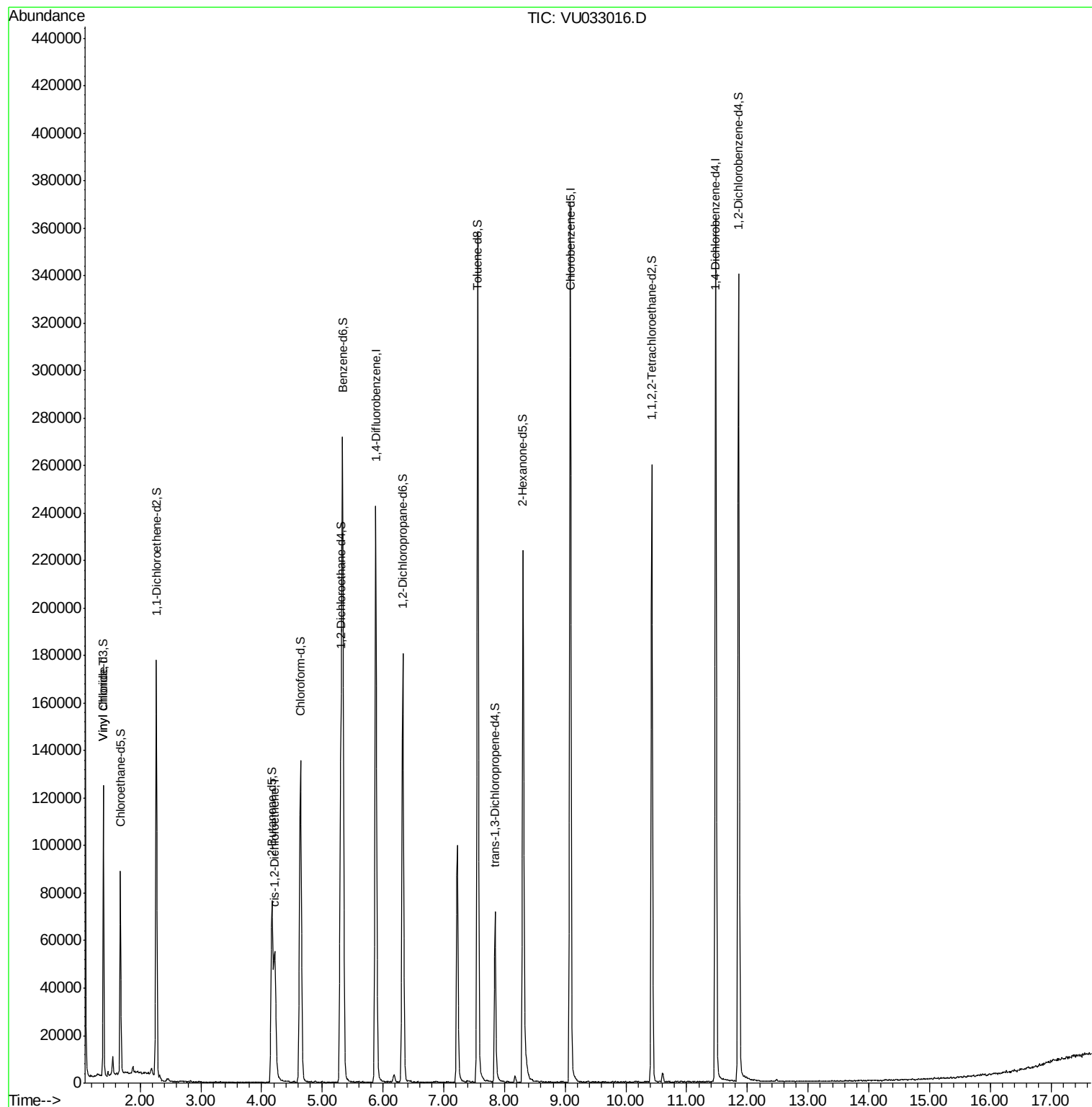
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	9533	5.404 ug/L	91
20) cis-1,2-Dichloroethene	4.22	96	25168	17.416 ug/L	93

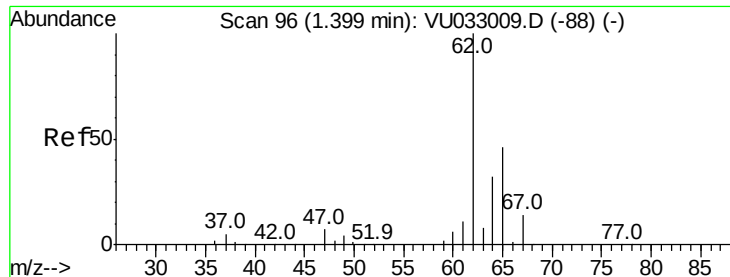
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.404 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU033016.D

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Instrument :

MSVOA_U

ClientSampled :

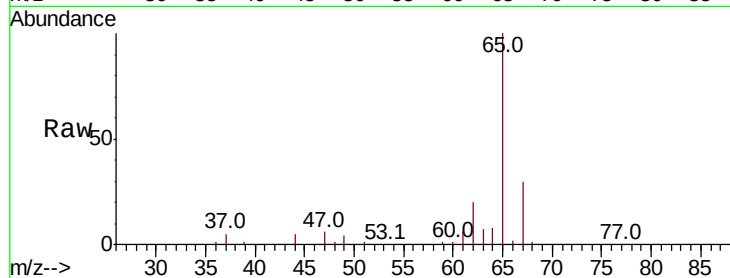
ETF24

Tot Ion: 62 Resp: 9533

Ion Ratio Lower Upper

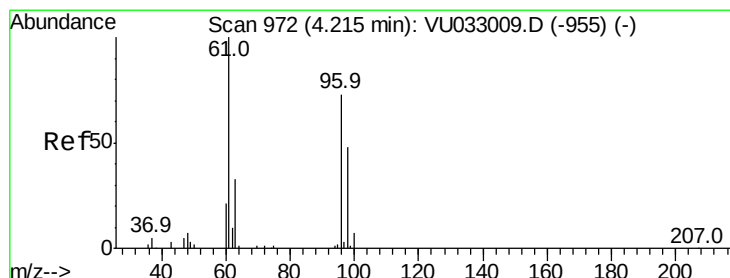
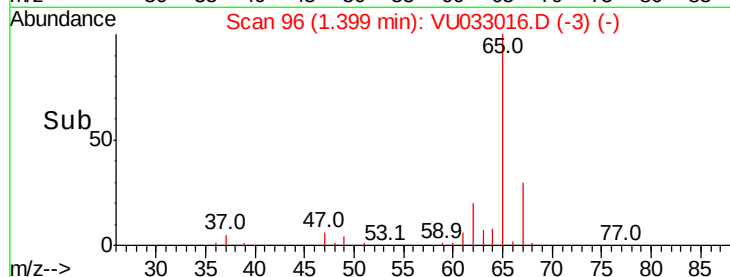
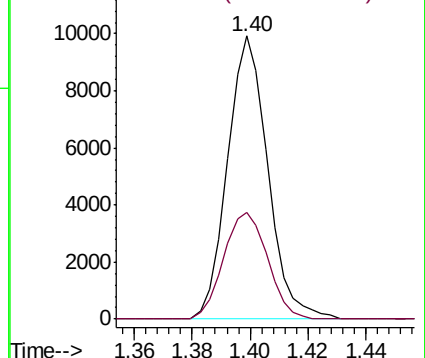
62 100

64 37.9 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: 17.416 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

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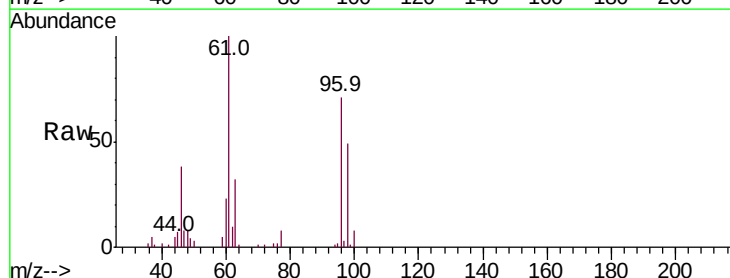
Tgt Ion: 96 Resp: 25168

Ion Ratio Lower Upper

96 100

61 140.4 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

