

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU032997.D
 Acq On : 24 Jun 2019 11:18
 Operator : JC/SP
 Sample : K3478-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF24

Quant Time: Jun 25 06:05:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:22:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	199151	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	196945	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92853	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39438	28.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.96%#
7) Chloroethane-d5	1.68	69	39063	35.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.98%
11) 1,1-Dichloroethene-d2	2.27	63	68646	25.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.08%#
21) 2-Butanone-d5	4.17	46	124271	109.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.70%
24) Chloroform-d	4.64	84	113806	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
26) 1,2-Dichloroethane-d4	5.30	65	81038	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
32) Benzene-d6	5.33	84	204034	39.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.48%
36) 1,2-Dichloropropane-d6	6.32	67	71438	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.36%
41) Toluene-d8	7.56	98	184010	38.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.54%#
43) trans-1,3-Dichloropropene-	7.85	79	33782	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.42%
47) 2-Hexanone-d5	8.31	63	74262	97.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.25%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	117390	46.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	80155	44.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.22%

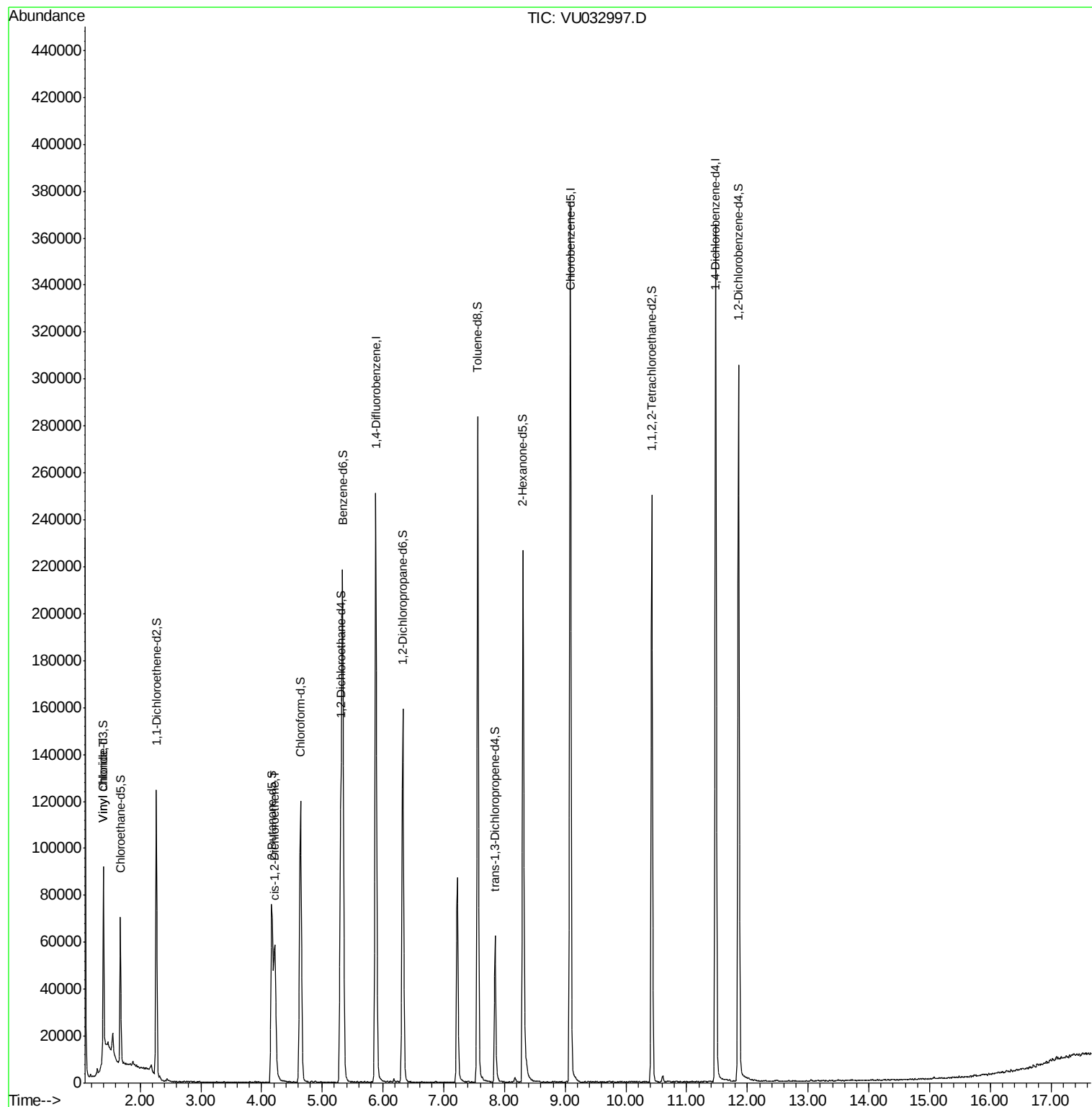
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	10192	5.636 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	27217	18.371 ug/L	97

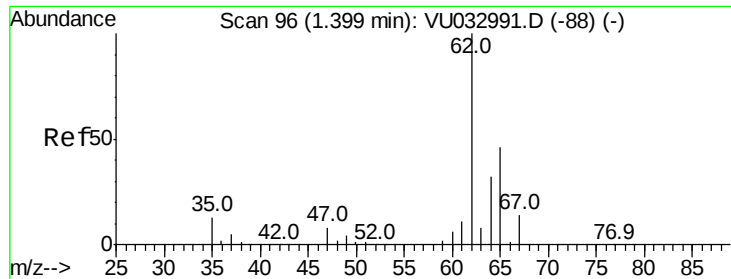
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.636 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032997.D

Acq: 24 Jun 2019 11:18

Instrument :

MSVOA_U

ClientSampled :

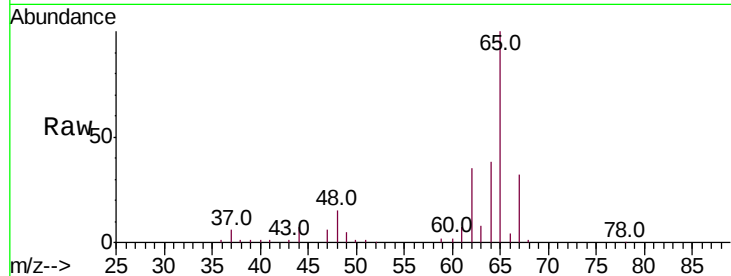
ETF24

Tot Ion: 62 Resp: 10192

Ion Ratio Lower Upper

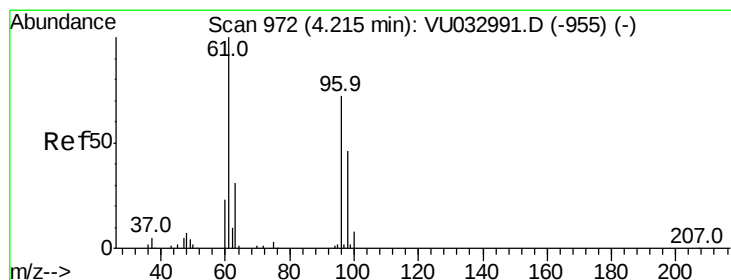
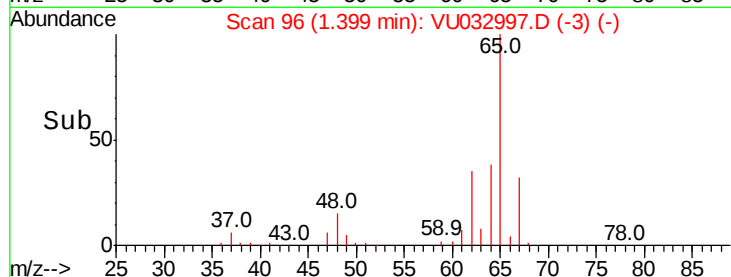
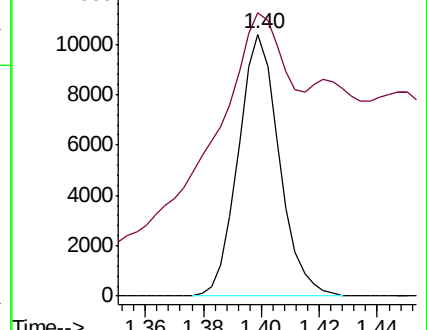
62 100

64 107.9 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VU032997.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032997.D (-88) (-)



#20

cis-1,2-Dichloroethene

Concen: 18.371 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

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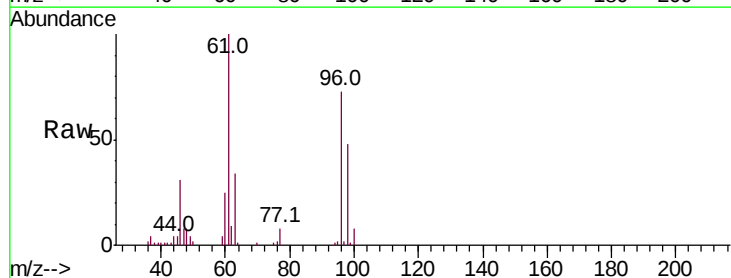
Tgt Ion: 96 Resp: 27217

Ion Ratio Lower Upper

96 100

61 136.1 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032997.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU032997.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU032997.D (-955) (-)

