

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032960.D
 Acq On : 21 Jun 2019 21:24
 Operator : JC/SP
 Sample : K3463-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF28

Quant Time: Jun 22 02:33:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 01:56:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189908	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	189116	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45797	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.58%
7) Chloroethane-d5	1.68	69	41273	39.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.74%
11) 1,1-Dichloroethene-d2	2.26	63	75176	28.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.50%#
21) 2-Butanone-d5	4.17	46	115019	106.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.64	84	111666	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.30	65	80883	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
32) Benzene-d6	5.33	84	206755	41.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.88%
36) 1,2-Dichloropropane-d6	6.32	67	71234	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.72%
41) Toluene-d8	7.56	98	184526	39.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.94%#
43) trans-1,3-Dichloropropene-	7.85	79	33650	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
47) 2-Hexanone-d5	8.31	63	67865	92.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.55%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	112906	46.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	79660	46.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.42%

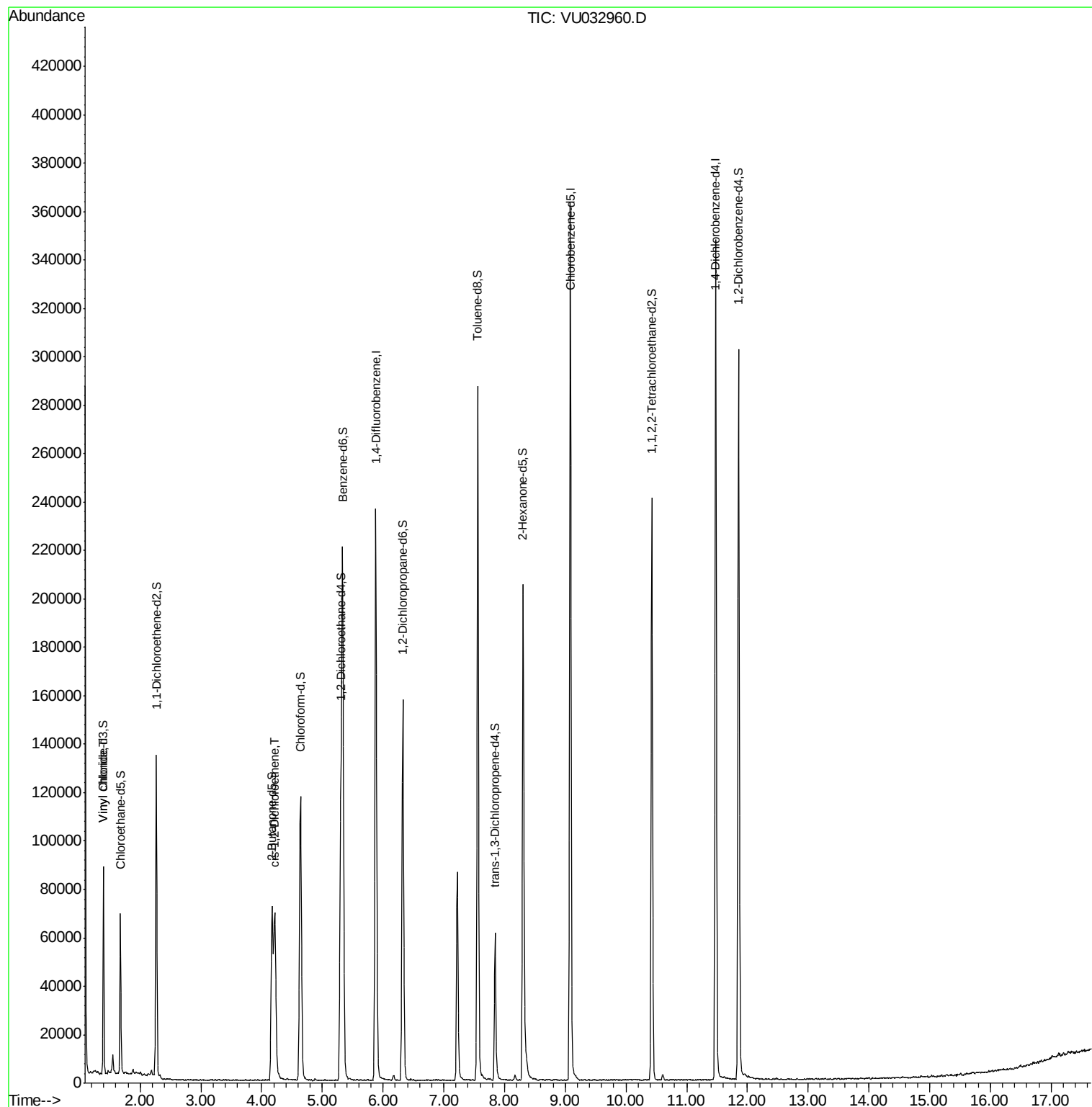
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	7095	4.114 ug/L	91
20) cis-1,2-Dichloroethene	4.22	96	32902	23.289 ug/L	90

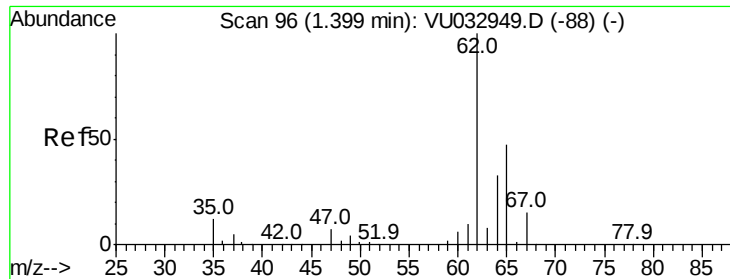
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.114 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032960.D

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Instrument :

MSVOA_U

ClientSampled :

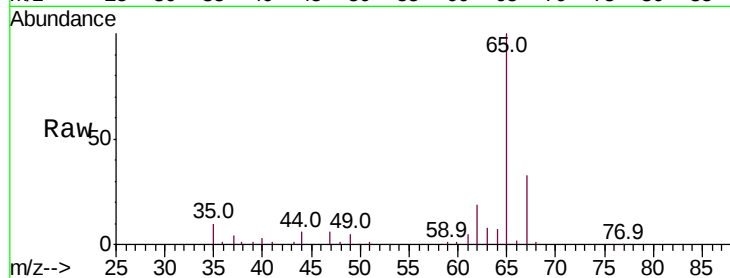
ETF28

Tot Ion: 62 Resp: 7095

Ion Ratio Lower Upper

62 100

64 38.0 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU032949.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032949.D (-88) (-)

1.40

8000

6000

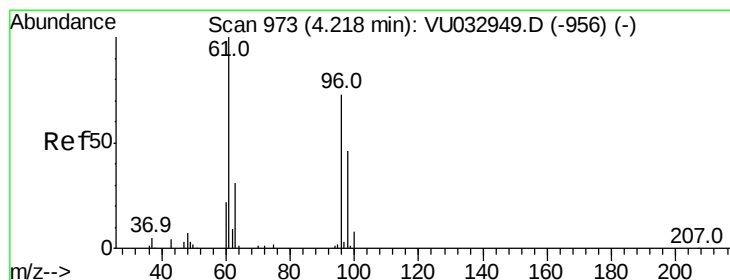
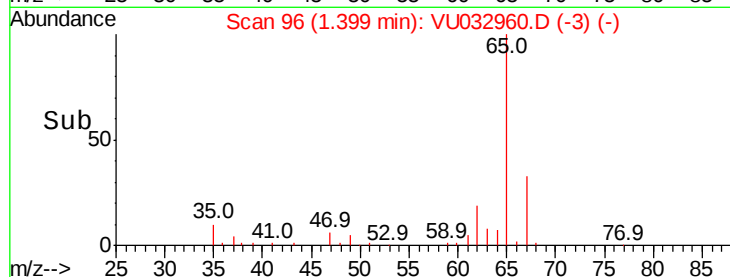
4000

2000

0

Time-->

1.36 1.38 1.40 1.42 1.44



#20

cis-1,2-Dichloroethene

Concen: 23.289 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

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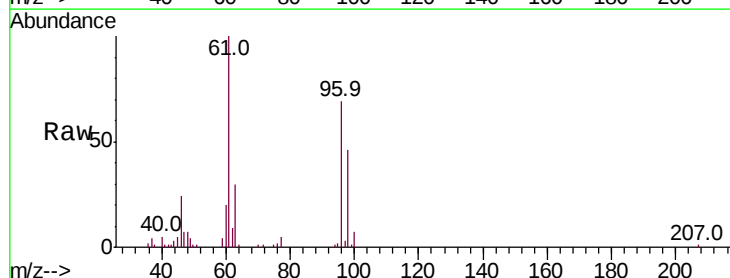
Tgt Ion: 96 Resp: 32902

Ion Ratio Lower Upper

96 100

61 144.0 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032949.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU032949.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU032949.D (-956) (-)

25000

20000

15000

10000

5000

0

Time-->

4.10 4.20 4.30

