

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033014.D
 Acq On : 24 Jun 2019 18:42
 Operator : JC/SP
 Sample : K3464-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF47

Quant Time: Jun 25 07:18:29 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	193109	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	188938	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91199	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63904	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.84%
7) Chloroethane-d5	1.68	69	53624	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.90%
11) 1,1-Dichloroethene-d2	2.26	63	97764	36.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.54%
21) 2-Butanone-d5	4.17	46	126044	114.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.75%
24) Chloroform-d	4.64	84	129538	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
26) 1,2-Dichloroethane-d4	5.30	65	92669	54.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.46%
32) Benzene-d6	5.33	84	255184	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
36) 1,2-Dichloropropane-d6	6.32	67	82404	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.04%
41) Toluene-d8	7.56	98	231231	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%
43) trans-1,3-Dichloropropene-	7.84	79	39054	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.70%
47) 2-Hexanone-d5	8.31	63	75496	103.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.05%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	119452	49.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	90027	51.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.02%

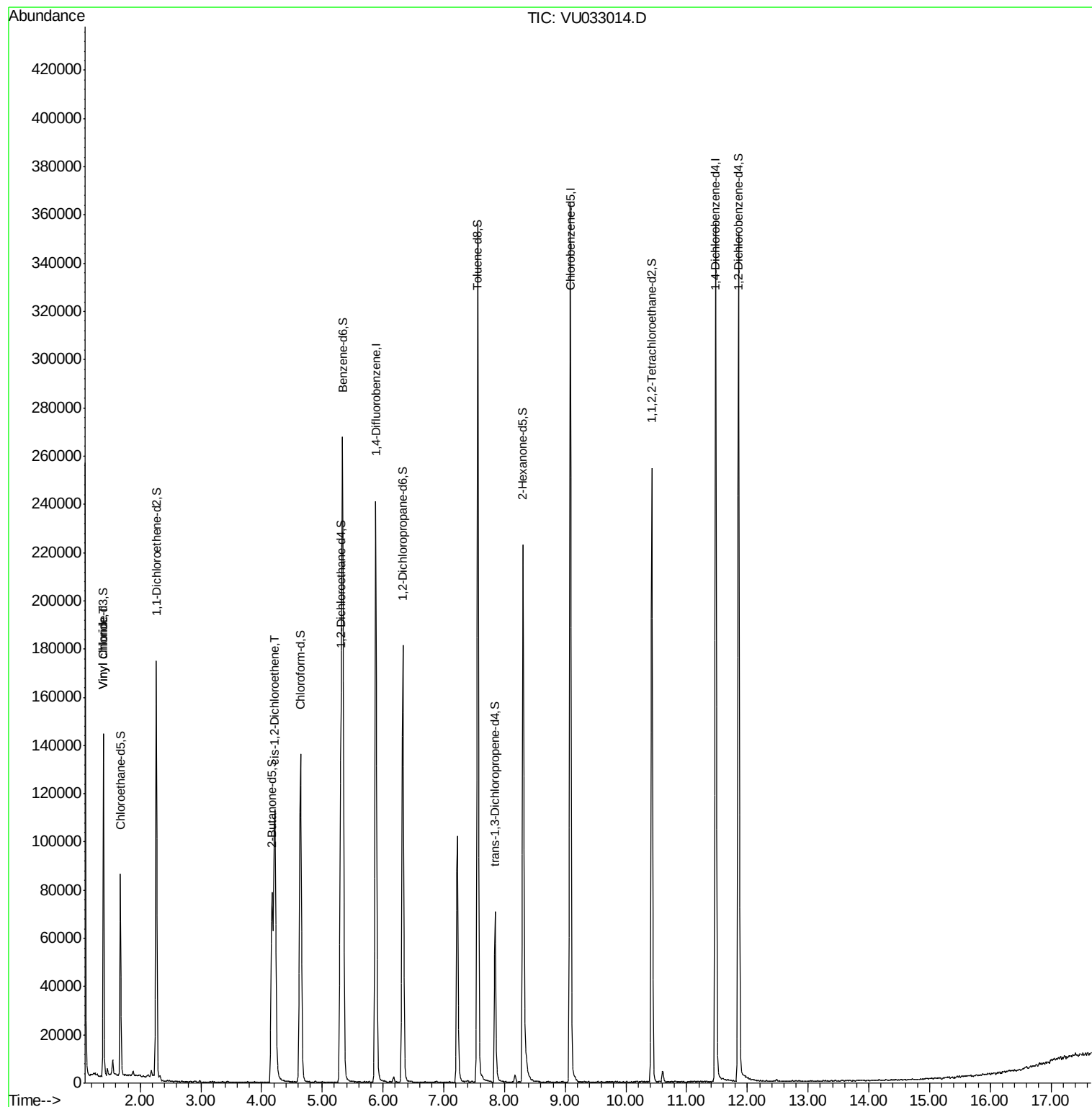
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	27097	15.452 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	56975	39.659 ug/L	100

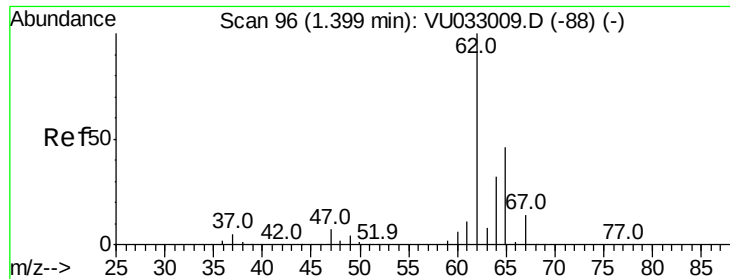
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 15.452 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

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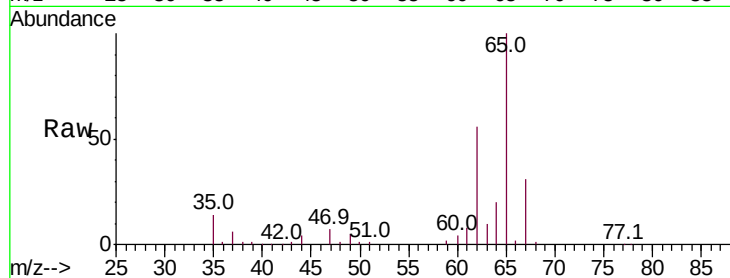
ETF47

Tot Ion: 62 Resp: 27097

Ion Ratio Lower Upper

62 100

64 35.7 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

30000

25000

20000

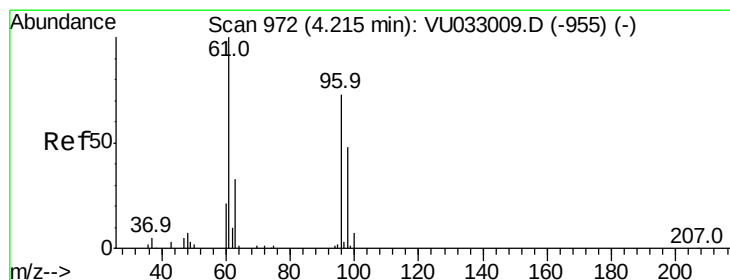
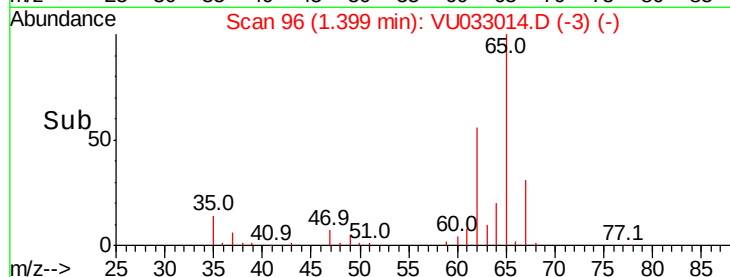
15000

10000

5000

0

Time-->



#20

cis-1,2-Dichloroethene

Concen: 39.659 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

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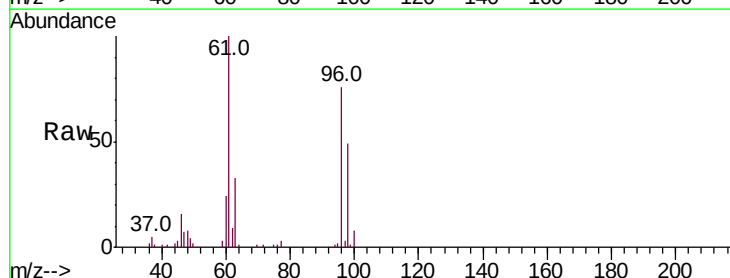
Tgt Ion: 96 Resp: 56975

Ion Ratio Lower Upper

96 100

61 132.3 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

40000

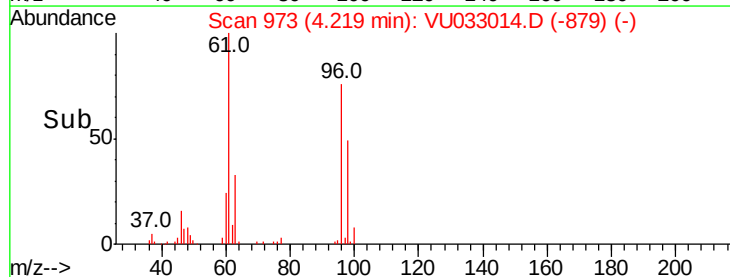
30000

20000

10000

0

Time-->



4.22