

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021319\
 Data File : VU029440.D
 Acq On : 13 Feb 2019 13:04
 Operator : JC/SP
 Sample : K1436-14DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXA7DL

Quant Time: Feb 20 01:47:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 00:18:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207468	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	195643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60177	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.68	69	58513	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.27	63	95513	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.21	46	139137	48.01	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.02%
24) Chloroform-d	4.65	84	99670	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	53682	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.34	84	221116	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.33	67	67521	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.56	98	212580	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.85	79	28875	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.31	63	141235	49.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56263	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	92977	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

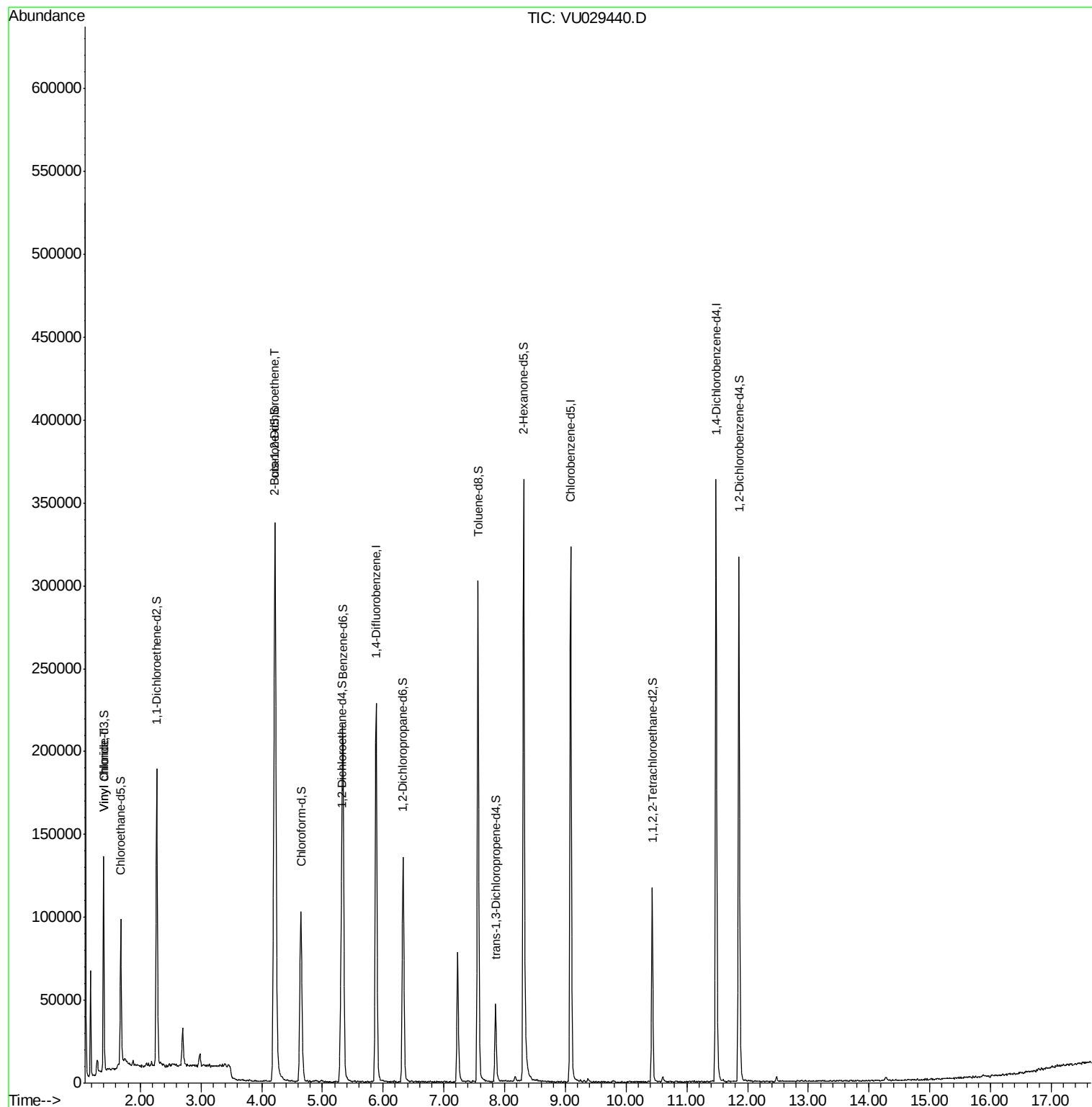
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	27155	1.359 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	165174	9.863 ug/L	98

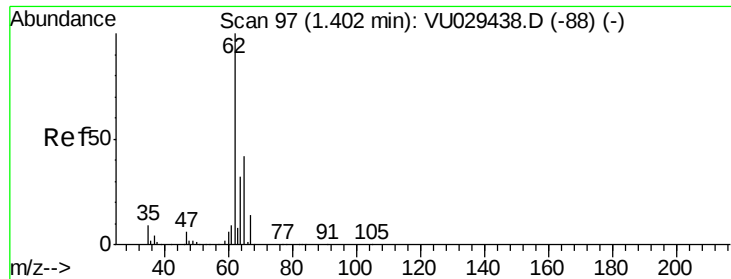
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.359 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

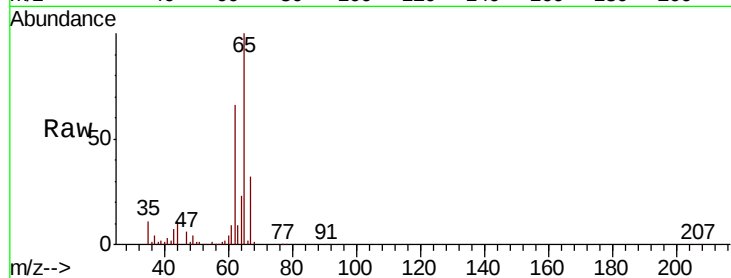
ESXA7DL

Tot Ion: 62 Resp: 27155

Ion Ratio Lower Upper

62 100

64 34.7 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.40

25000

20000

15000

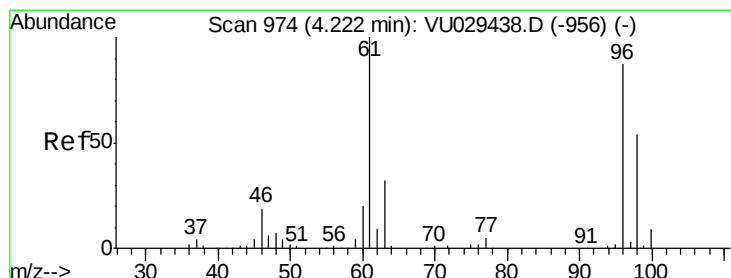
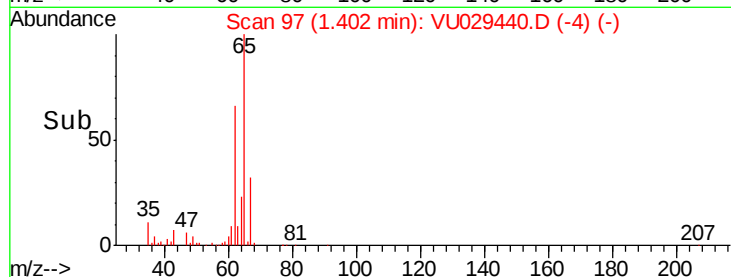
10000

5000

0

Time-->

1.35 1.40 1.45



#22

cis-1,2-Dichloroethene

Concen: 9.863 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

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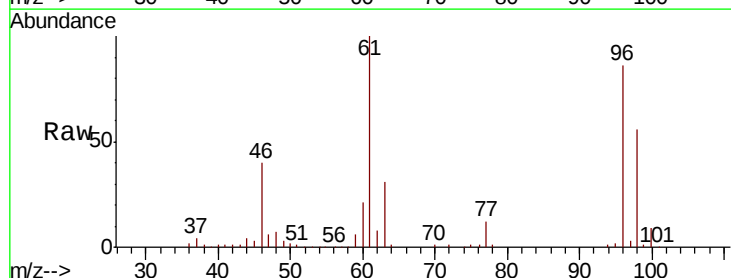
Tgt Ion: 96 Resp: 165174

Ion Ratio Lower Upper

96 100

61 116.3 79.9 148.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

100000

80000

60000

40000

20000

0

Time-->

4.10 4.20 4.30

