

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021319\
 Data File : VU029441.D
 Acq On : 13 Feb 2019 13:28
 Operator : JC/SP
 Sample : K1436-12DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXA5DL

Quant Time: Feb 14 01:17:28 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	205317	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	195035	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106523	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61528	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	57293	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.27	63	98758	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.20	46	142131	49.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.10%
24) Chloroform-d	4.65	84	103566	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.31	65	55843	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.34	84	225930	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	67244	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.56	98	220233	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.85	79	28083	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.31	63	142607	50.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57243	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	94778	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

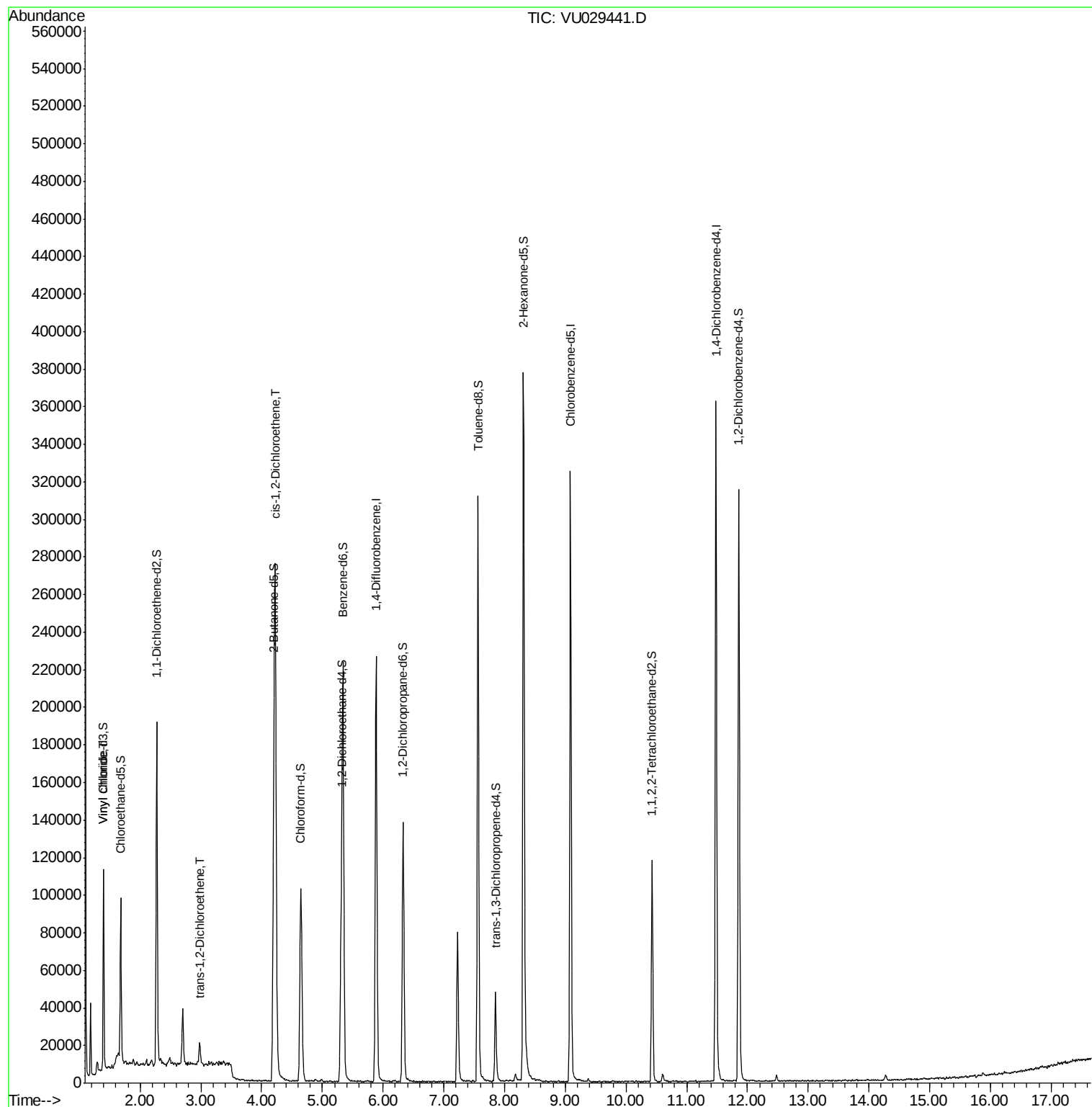
					Ovalue
5) Vinyl chloride	1.40	62	6146	0.311 ug/L #	71
18) trans-1,2-Dichloroethene	2.98	96	4936	0.274 ug/L	89
22) cis-1,2-Dichloroethene	4.22	96	140720	8.491 ug/L	97

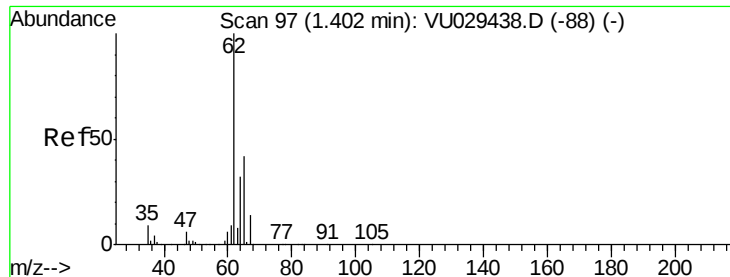
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.311 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029441.D

Acq: 13 Feb 2019 13:28

Instrument :

MSVOA_U

ClientSampleId :

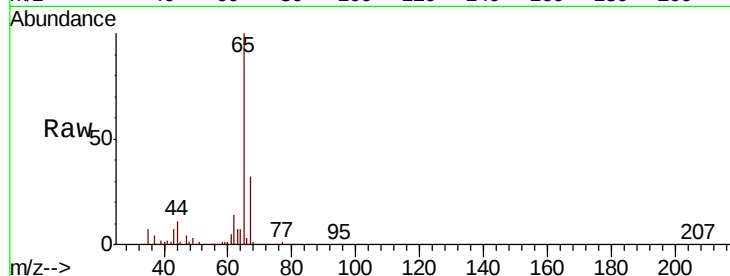
ESXA5DL

Tot Ion: 62 Resp: 6146

Ion Ratio Lower Upper

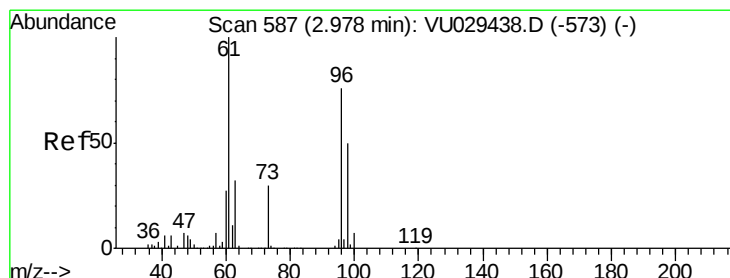
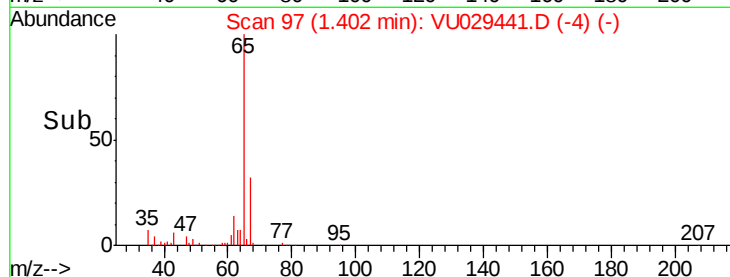
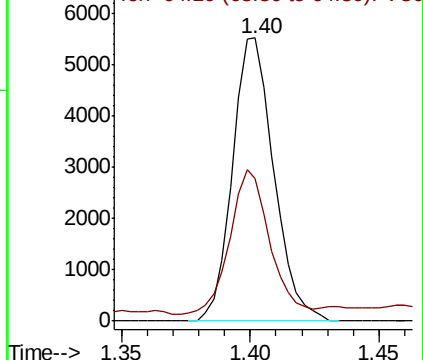
62 100

64 50.2 23.5 43.7#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.274 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU029441.D

Acq: 13 Feb 2019 13:28

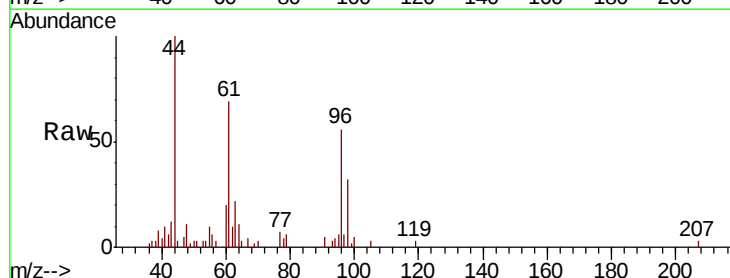
Tgt Ion: 96 Resp: 4936

Ion Ratio Lower Upper

96 100

61 123.3 95.4 177.2

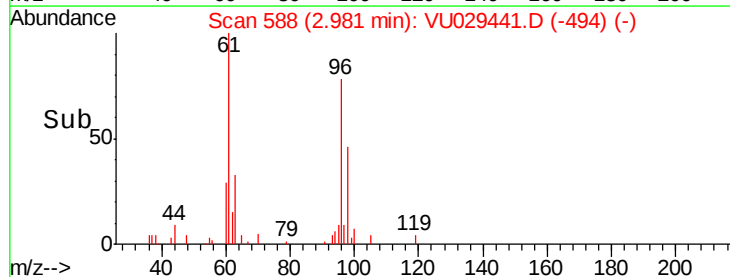
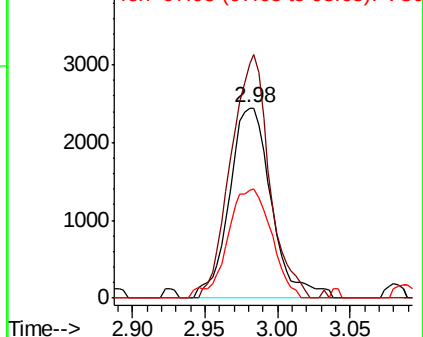
98 56.9 45.8 85.2

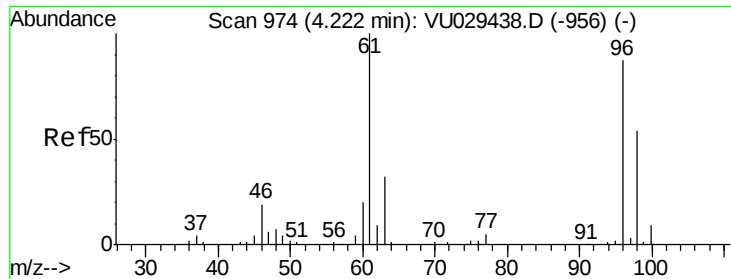


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22
 cis-1,2-Dichloroethene
 Concen: 8.491 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU029441.D
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Tot Ion: 96 Resp: 140720
 Ion Ratio Lower Upper
 96 100
 61 117.2 79.9 148.5
 68 0.0 0.0 0.0

