

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021619\
 Data File : VU029502.D
 Acq On : 15 Feb 2019 17:44
 Operator : JC/SP
 Sample : K1438-11DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXC4DL

Quant Time: Feb 16 00:39:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 16 00:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	234907	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	229338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122380	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67223	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.68	69	65529	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.27	63	112148	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.21	46	150609	45.90	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.80%
24) Chloroform-d	4.65	84	109391	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.31	65	61076	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.34	84	247975	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	73039	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.56	98	249744	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	30305	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.31	63	156459	46.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62861	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	108017	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

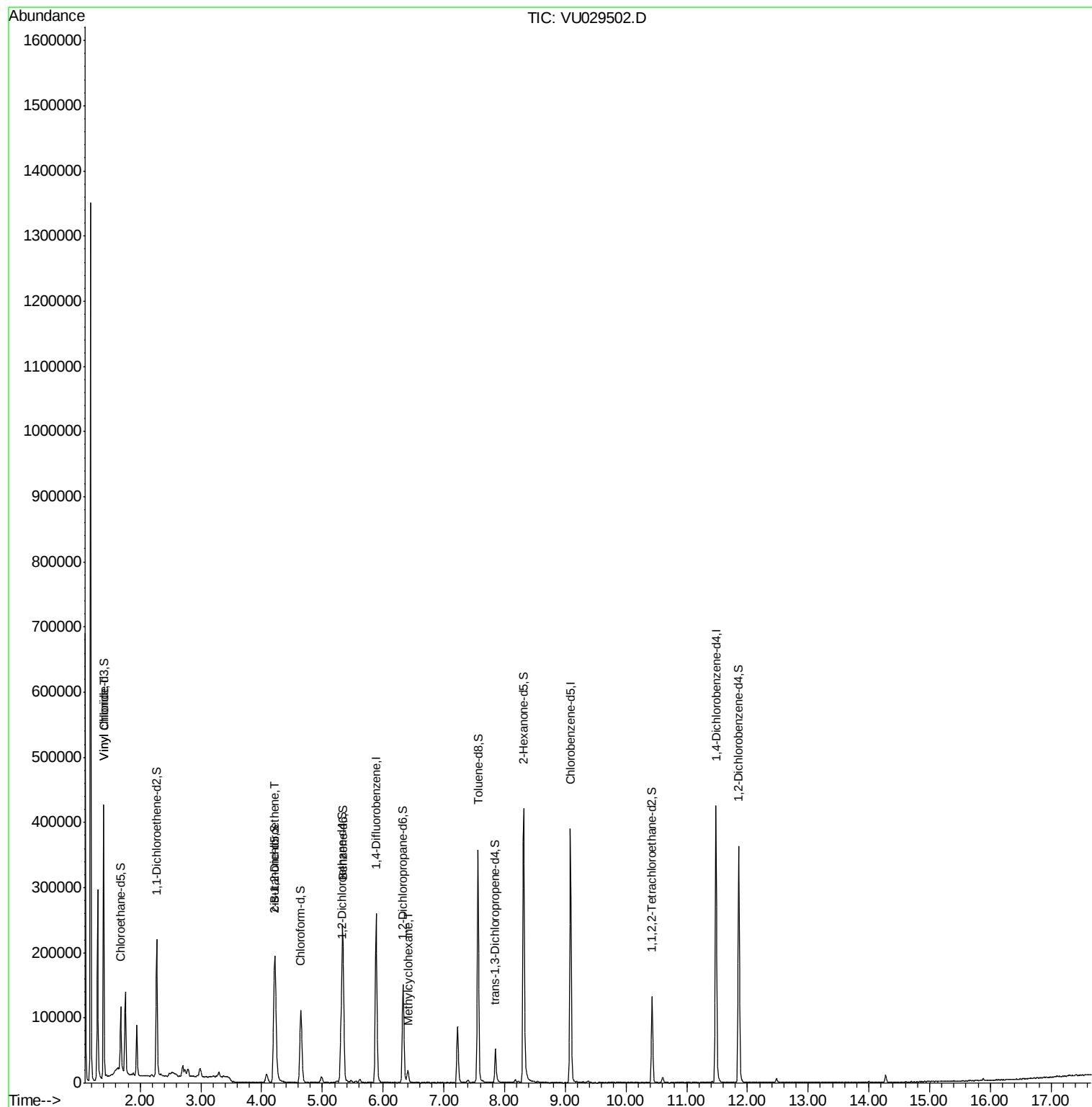
					Ovalue
5) Vinyl chloride	1.40	62	19297	0.853 ug/L	89
22) cis-1,2-Dichloroethene	4.22	96	74399	3.924 ug/L	97
35) Methylcyclohexane	6.41	83	8810	0.276 ug/L	98

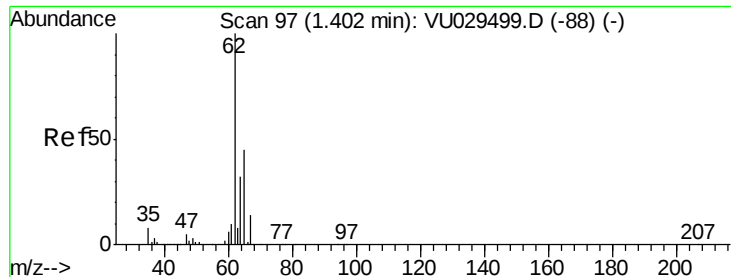
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.853 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU029502.D

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Instrument :

MSVOA_U

ClientSampled :

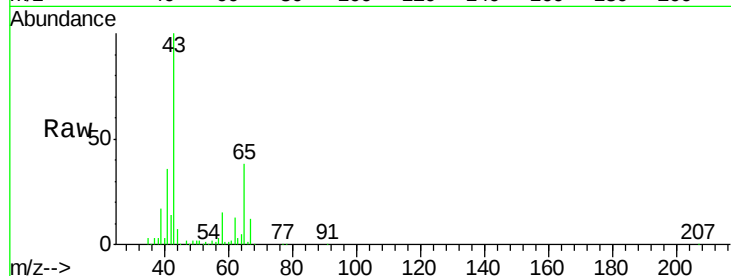
ESXC4DL

Tot Ion: 62 Resp: 19297

Ion Ratio Lower Upper

62 100

64 39.6 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

20000

15000

10000

5000

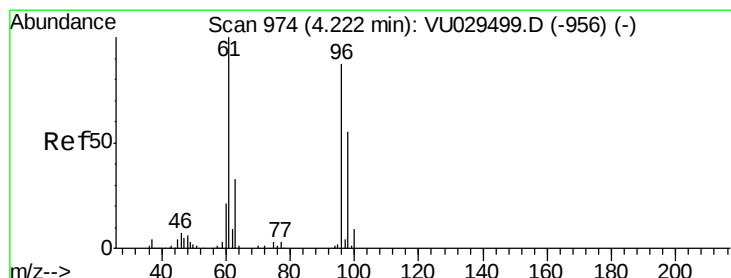
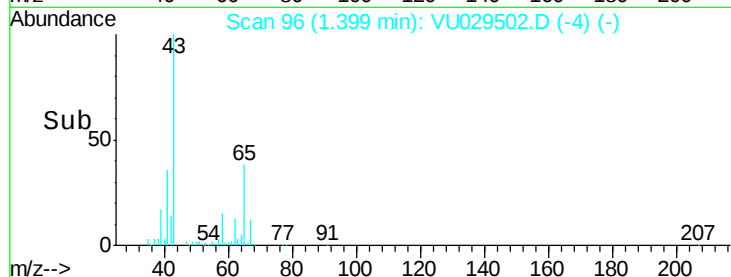
0

Time-->

1.35

1.40

1.45



#22

cis-1,2-Dichloroethene

Concen: 3.924 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

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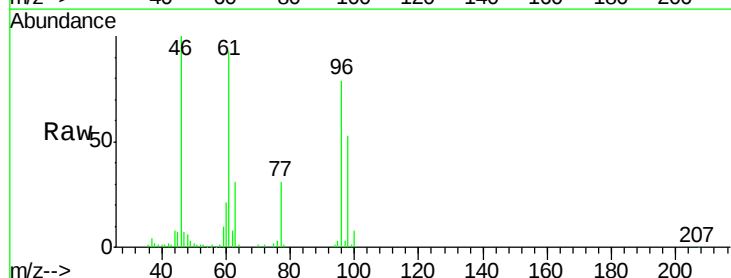
Tgt Ion: 96 Resp: 74399

Ion Ratio Lower Upper

96 100

61 117.7 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

4.22

40000

30000

20000

10000

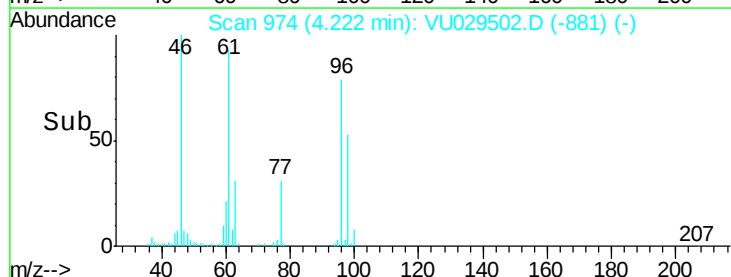
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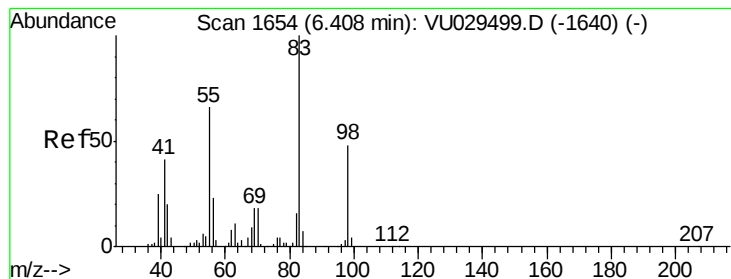
Time-->

4.10

4.20

4.30





#35

Methylcyclohexane

Concen: 0.276 ug/L

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

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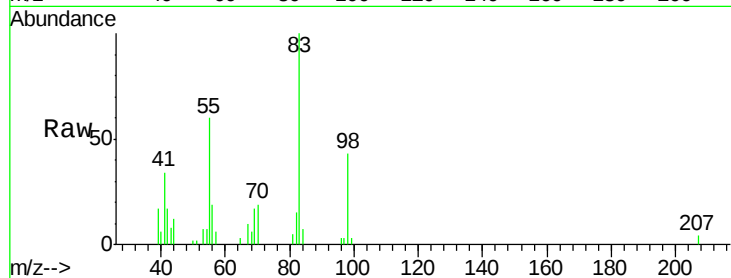
Tot Ion: 83 Resp: 8810

Ion Ratio Lower Upper

83 100

55 68.5 55.9 83.9

98 45.7 38.6 57.8



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

