

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037079.D
 Acq On : 05 Mar 2020 13:34
 Operator : JC/MD
 Sample : L1780-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG2

Quant Time: Mar 06 00:24:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254212	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	242157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84617	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81173	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.04%
7) Chloroethane-d5	1.93	69	81847	46.34	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.68%
11) 1,1-Dichloroethene-d2	2.59	63	112894	31.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.16%
21) 2-Butanone-d5	4.67	46	150003	104.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.75%
24) Chloroform-d	5.11	84	154996	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
26) 1,2-Dichloroethane-d4	5.74	65	108785	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
32) Benzene-d6	5.76	84	334726	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.72	67	110135	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.92	98	292920	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%
43) trans-1,3-Dichloropropene-	8.20	79	44849	42.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.08%
47) 2-Hexanone-d5	8.66	63	99645	89.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.83%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	158005	49.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	86688	52.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.82%

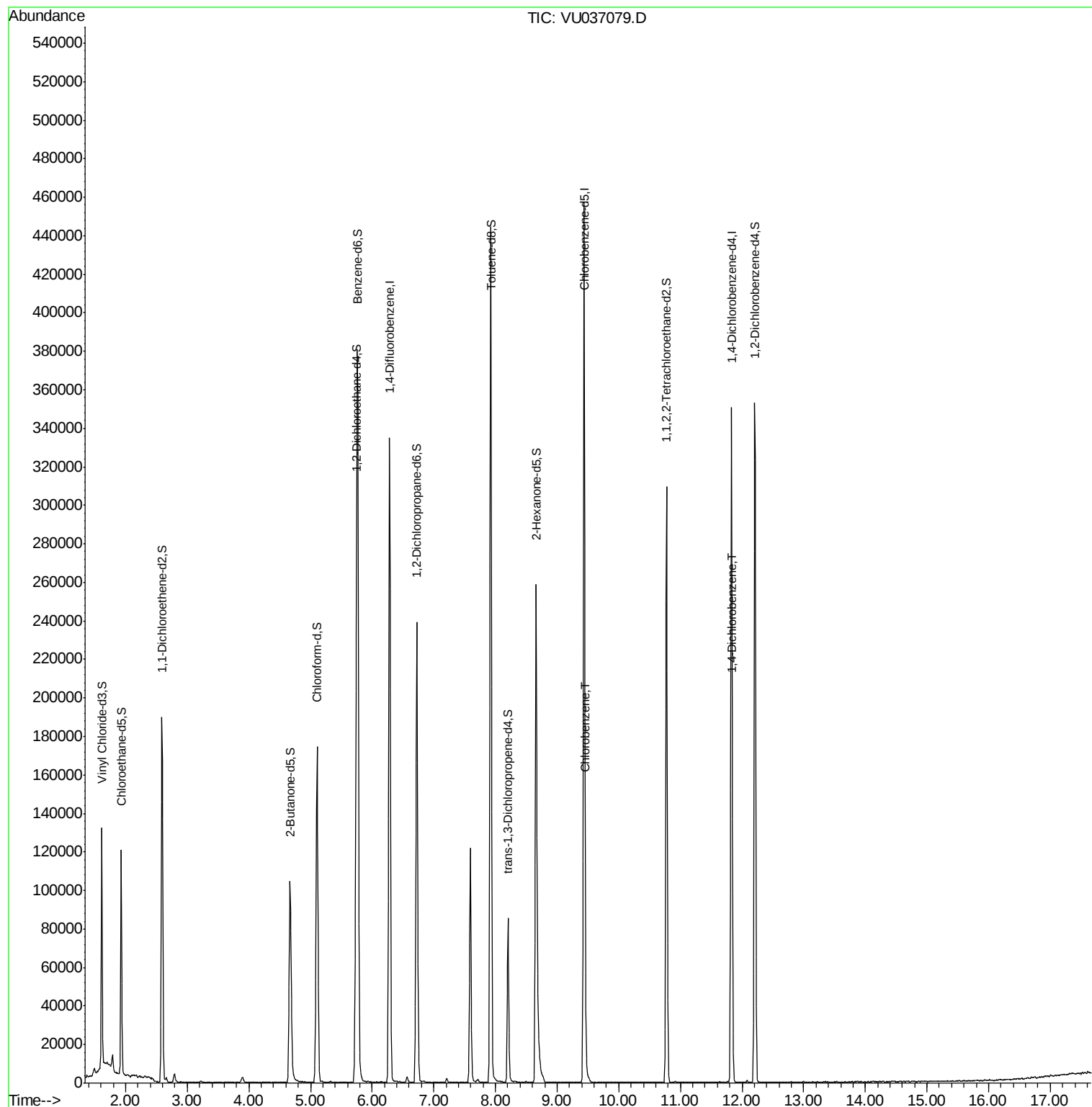
Target Compounds					Ovalue
51) Chlorobenzene	9.47	112	4580	0.948 ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	2639	0.973 ug/L	92

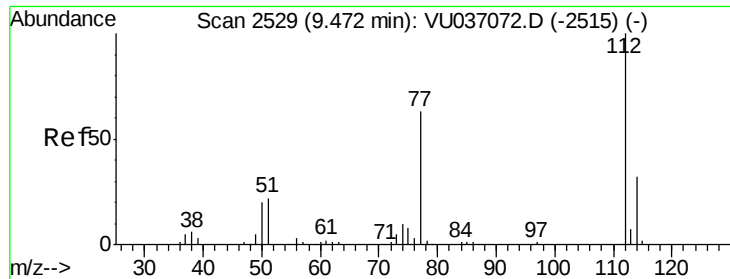
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 0.948 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.01 min

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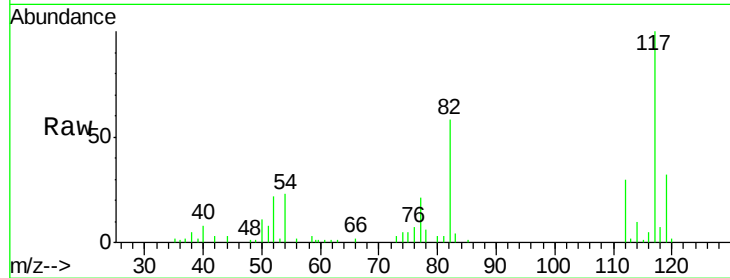
Tot Ion:112 Resp: 4580

Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.5

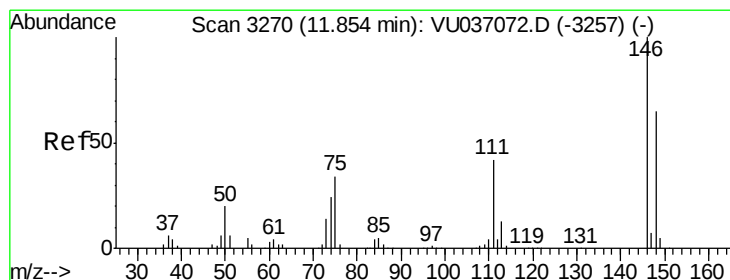
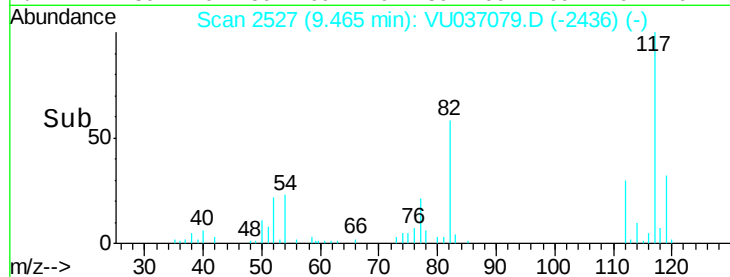
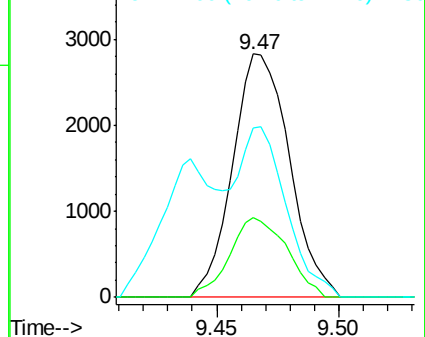
77 69.3 50.1 75.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#63

1,4-Dichlorobenzene

Concen: 0.973 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

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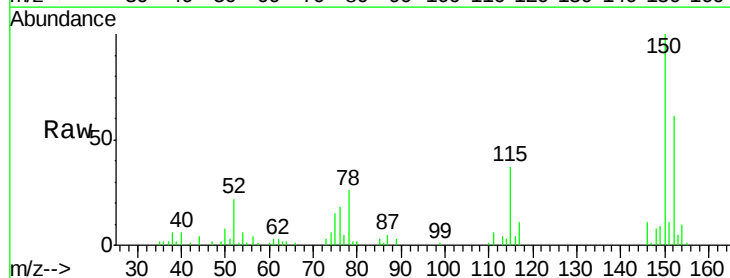
Tgt Ion:146 Resp: 2639

Ion Ratio Lower Upper

146 100

111 48.8 29.8 55.4

148 70.1 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

