

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037073.D
 Acq On : 05 Mar 2020 11:02
 Operator : JC/MD
 Sample : VU0305WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK40

Quant Time: Mar 05 23:48:23 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	260906	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247696	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85858	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90761	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.84%
7) Chloroethane-d5	1.93	69	87514	48.27	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.54%
11) 1,1-Dichloroethene-d2	2.59	63	123024	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	4.67	46	149721	101.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.87%
24) Chloroform-d	5.11	84	163595	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.74	65	115307	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
32) Benzene-d6	5.76	84	354731	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
36) 1,2-Dichloropropane-d6	6.72	67	118718	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.32%
41) Toluene-d8	7.92	98	313608	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%
43) trans-1,3-Dichloropropene-	8.20	79	47476	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.04%
47) 2-Hexanone-d5	8.66	63	99570	87.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.75%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	161154	49.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.52%
64) 1,2-Dichlorobenzene-d4	12.21	152	91164	54.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.64%

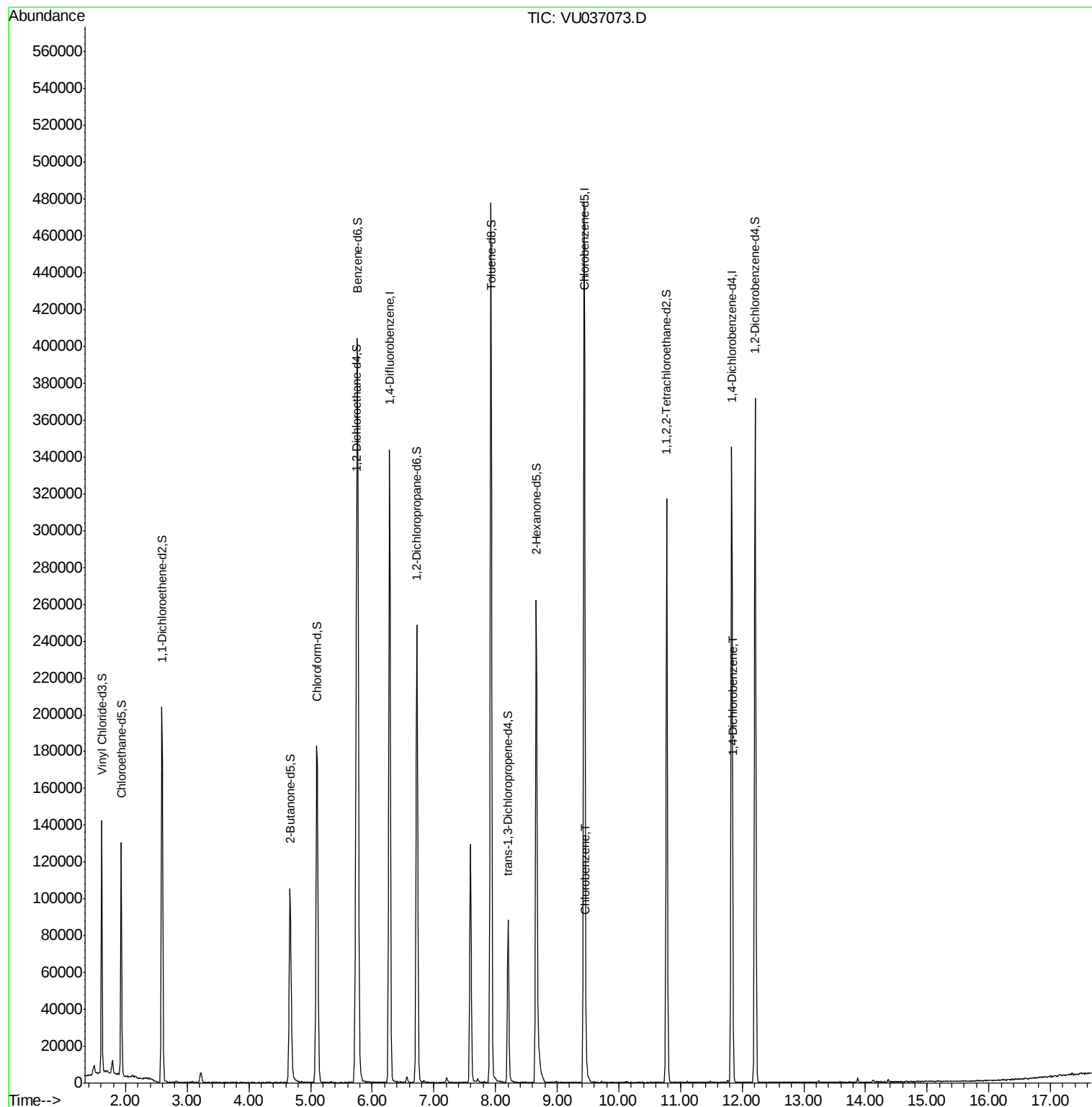
Target Compounds					Ovalue
51) Chlorobenzene	9.47	112	5332	1.079 ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	3723	1.353 ug/L	92

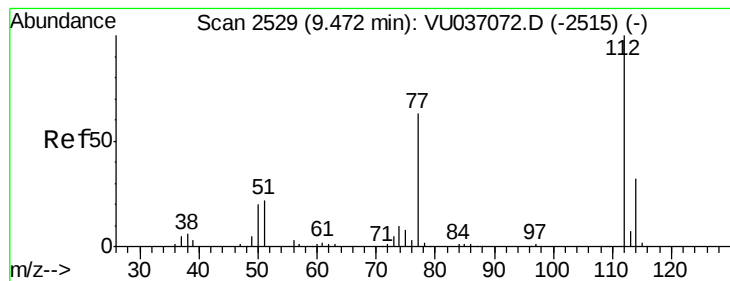
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 1.079 ug/L

RT: 9.47 min Scan# 2529

Delta R.T. 0.00 min

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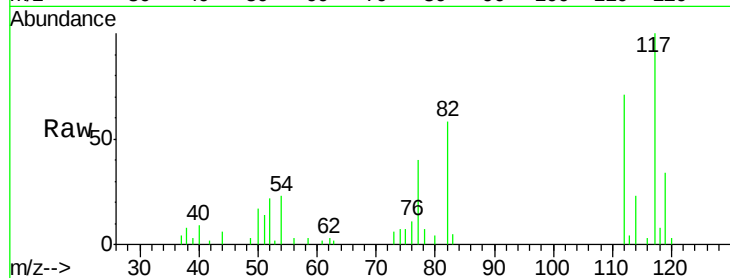
Tot Ion:112 Resp: 5332

Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

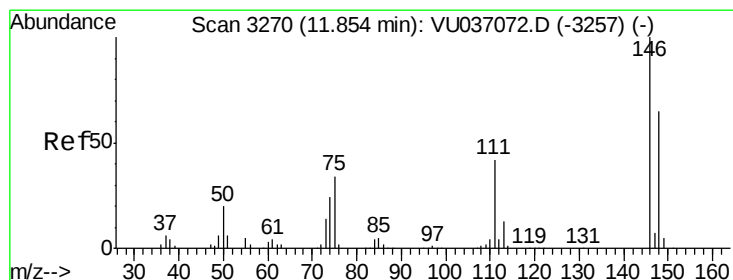
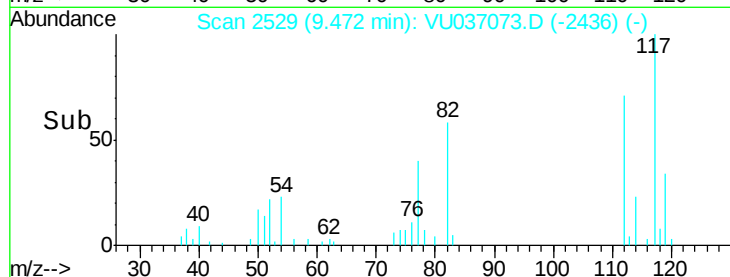
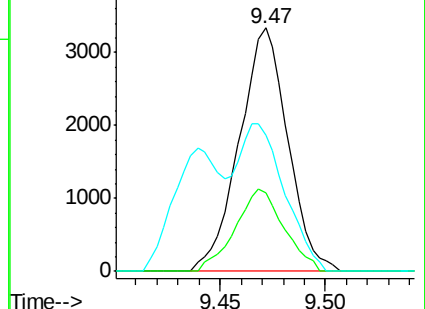
77 56.0 50.1 75.1



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): V



#63

1,4-Dichlorobenzene

Concen: 1.353 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. -0.00 min

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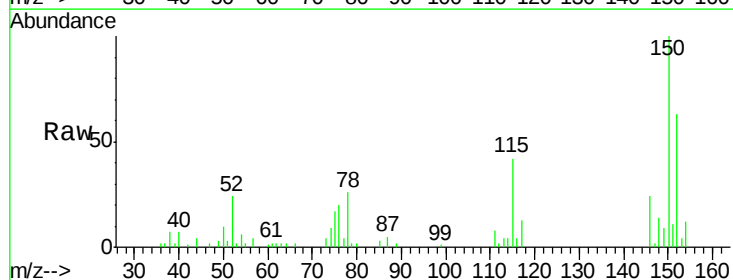
Tgt Ion:146 Resp: 3723

Ion Ratio Lower Upper

146 100

111 36.0 29.8 55.4

148 59.0 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

