

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\
 Data File : VU029058.D
 Acq On : 07 Jan 2019 14:36
 Operator : MD/SY
 Sample : VIBLK43
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK43

Quant Time: Jan 08 03:10:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 01:37:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	180205	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	172518	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68873	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65083	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.10%
7) Chloroethane-d5	1.67	69	53226	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.27	63	82668	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	4.17	46	100486	99.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.28%
24) Chloroform-d	4.65	84	109572	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
26) 1,2-Dichloroethane-d4	5.31	65	69769	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
32) Benzene-d6	5.34	84	235486	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
36) 1,2-Dichloropropane-d6	6.33	67	81901	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.94%
41) Toluene-d8	7.56	98	203753	46.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.26%
43) trans-1,3-Dichloropropene-	7.85	79	35152	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.76%
47) 2-Hexanone-d5	8.31	63	73277	93.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111282	48.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	72397	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%

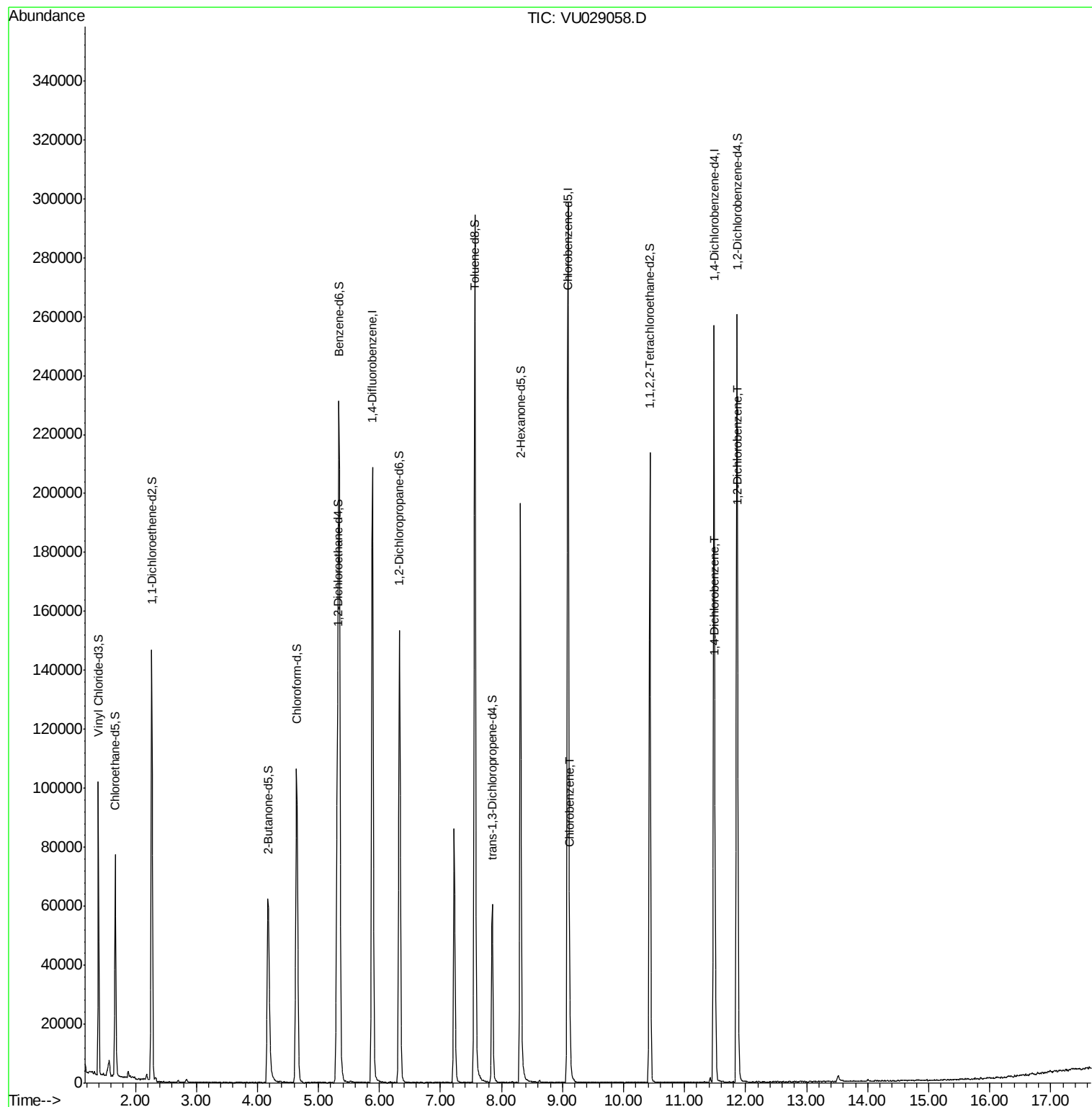
Target Compounds					Ovalue
51) Chlorobenzene	9.12	112	13138	3.744 ug/L	94
63) 1,4-Dichlorobenzene	11.50	146	9655	4.283 ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	8418	3.688 ug/L	98

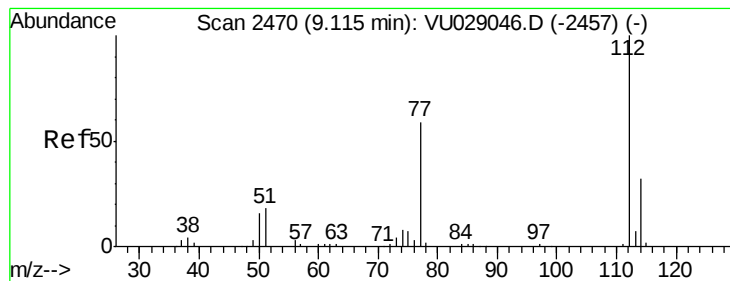
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 3.744 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK43

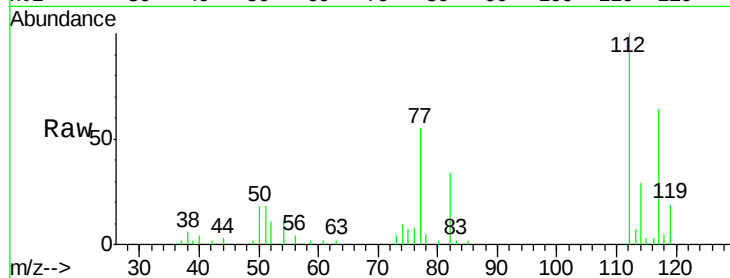
Tot Ion:112 Resp: 13138

Ion Ratio Lower Upper

112 100

114 28.7 22.2 41.2

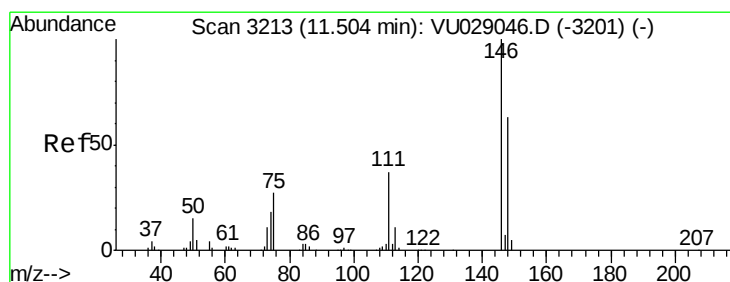
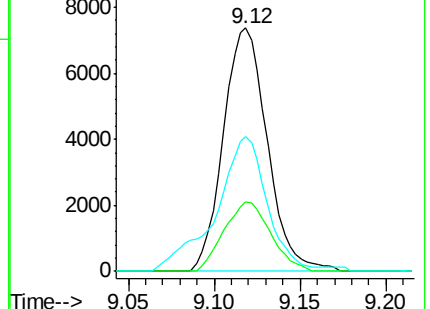
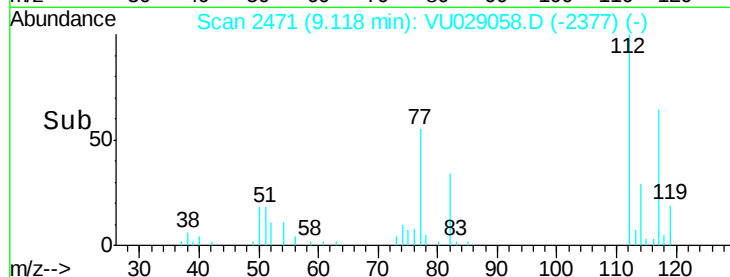
77 55.4 47.8 71.8



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): VU



#63

1,4-Dichlorobenzene

Concen: 4.283 ug/L

RT: 11.50 min Scan# 3213

Delta R.T. -0.00 min

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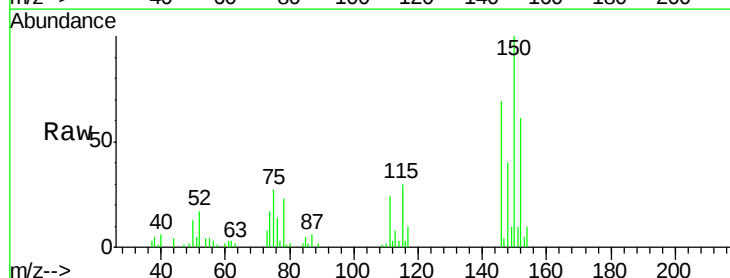
Tgt Ion:146 Resp: 9655

Ion Ratio Lower Upper

146 100

111 34.9 26.5 49.1

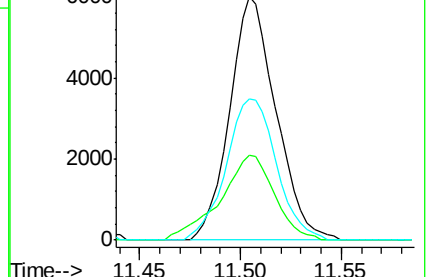
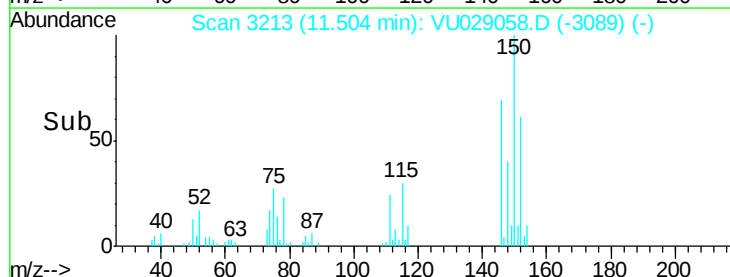
148 58.0 45.1 83.9

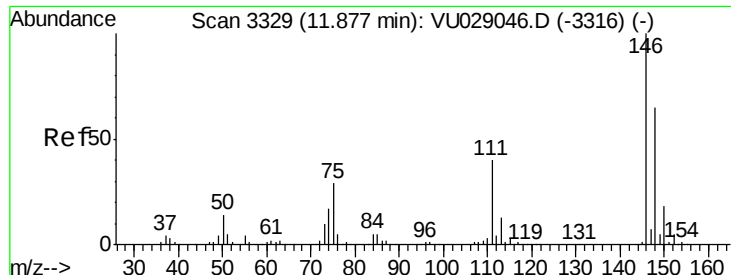


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

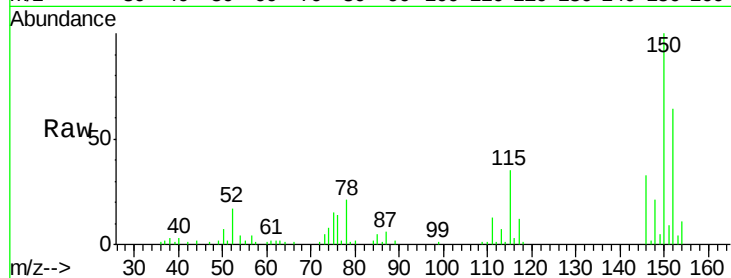




#65
 1,2-Dichlorobenzene
 Concen: 3.688 ug/L
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
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Tot Ion:146 Resp: 8418
 Ion Ratio Lower Upper
 146 100
 111 40.2 32.1 48.1
 148 63.9 49.7 74.5



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

