

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031905.D
 Acq On : 10 May 2019 21:54
 Operator : JC/SP
 Sample : VIBLK41
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Quant Time: May 11 04:16:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 02:45:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1048696	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1050160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	377874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	419631	47.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.62%
7) Chloroethane-d5	1.67	69	349130	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.96%
11) 1,1-Dichloroethene-d2	2.26	63	567785	32.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.96%
21) 2-Butanone-d5	4.17	46	677450	85.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.19%
24) Chloroform-d	4.64	84	722048	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	5.30	65	479137	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
32) Benzene-d6	5.33	84	1496733	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
36) 1,2-Dichloropropane-d6	6.32	67	512114	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.28%
41) Toluene-d8	7.56	98	1247090	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	195350	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
47) 2-Hexanone-d5	8.31	63	449256	91.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	692466	45.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	416628	52.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.86%

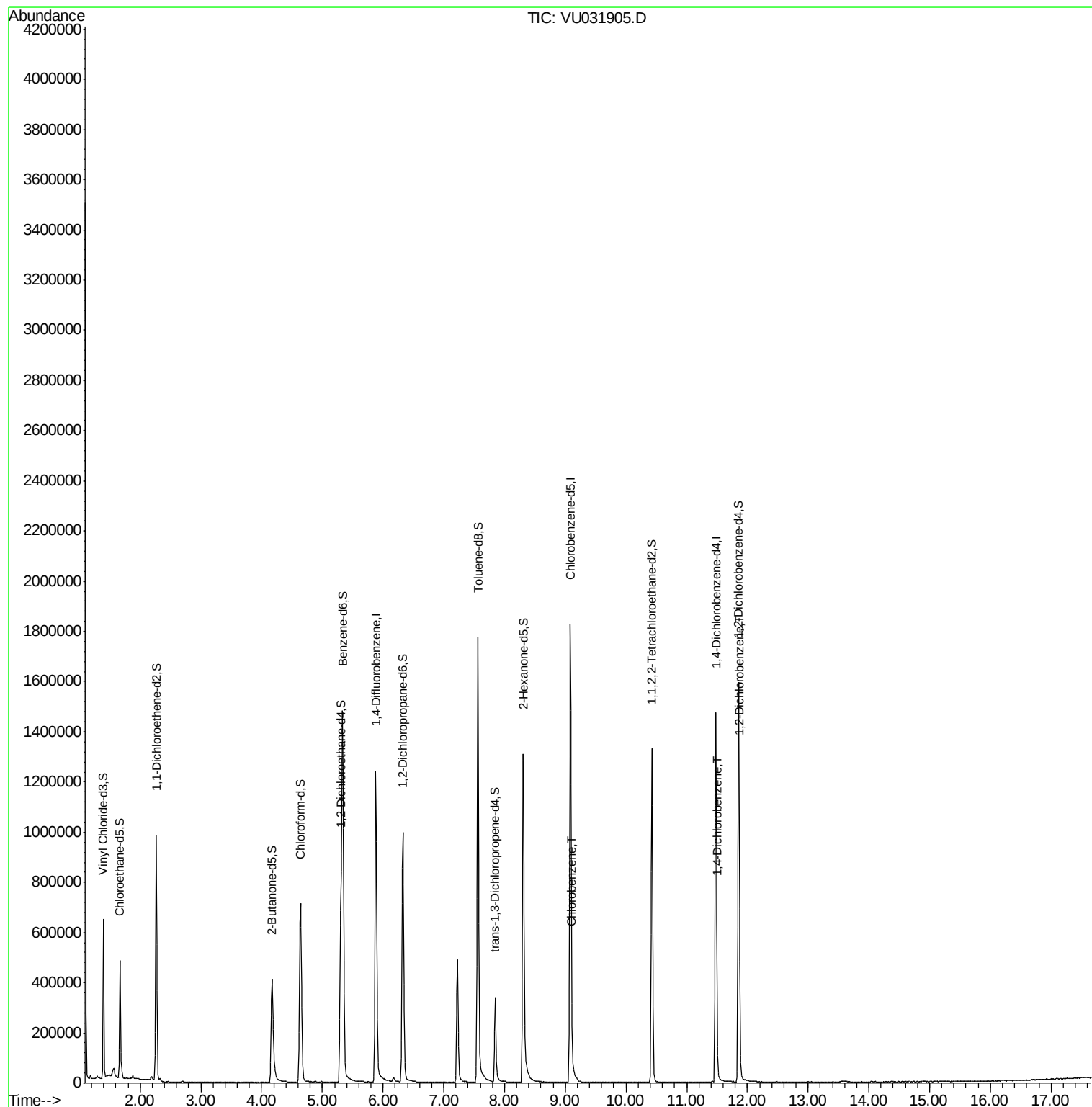
Target Compounds					Ovalue
51) Chlorobenzene	9.12	112	12716	0.559 ug/L	94
63) 1,4-Dichlorobenzene	11.50	146	13055	1.008 ug/L	89
65) 1,2-Dichlorobenzene	11.87	146	15464	1.163 ug/L #	78

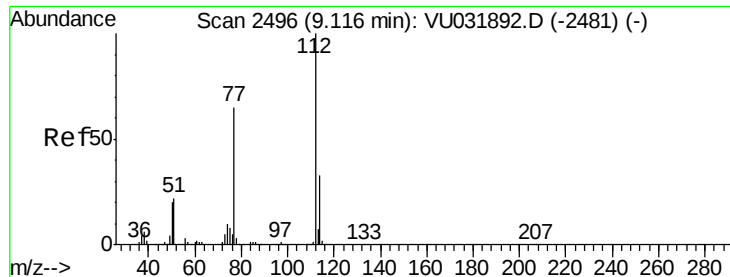
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 0.559 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

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VIBLK41

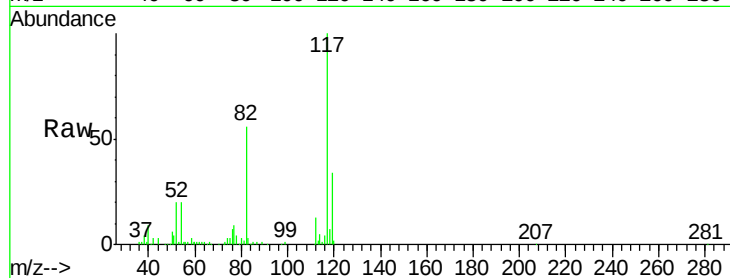
Tot Ion:112 Resp: 12716

Ion Ratio Lower Upper

112 100

114 38.8 23.3 43.3

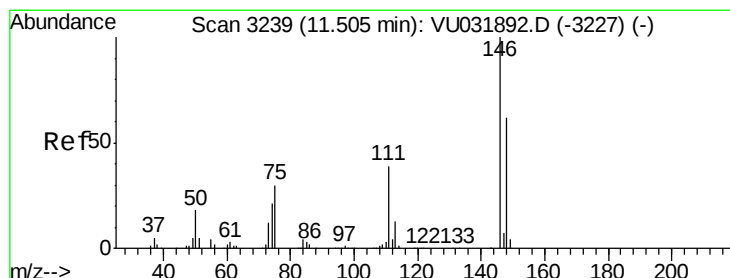
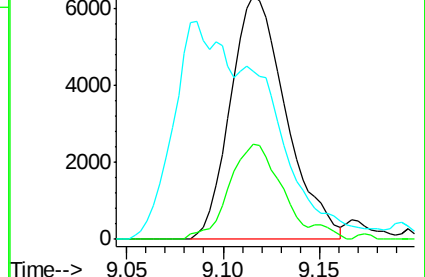
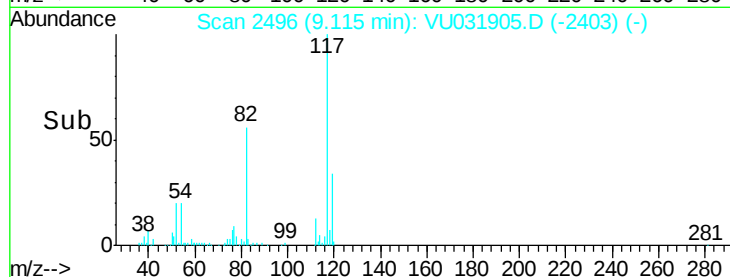
77 68.9 53.0 79.4



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: 1.008 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. -0.00 min

Lab File: VU031905.D

Acq: 10 May 2019 21:54

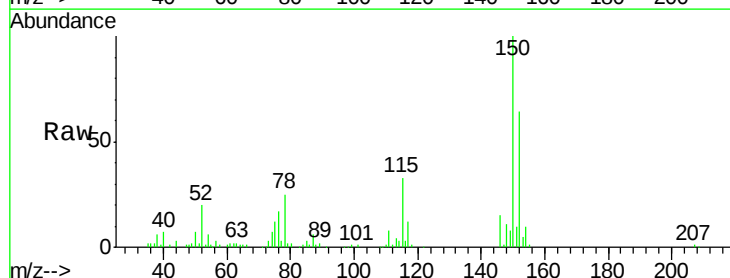
Tgt Ion:146 Resp: 13055

Ion Ratio Lower Upper

146 100

111 50.3 28.2 52.4

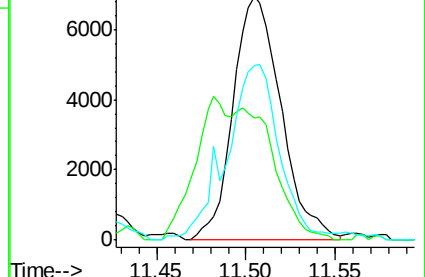
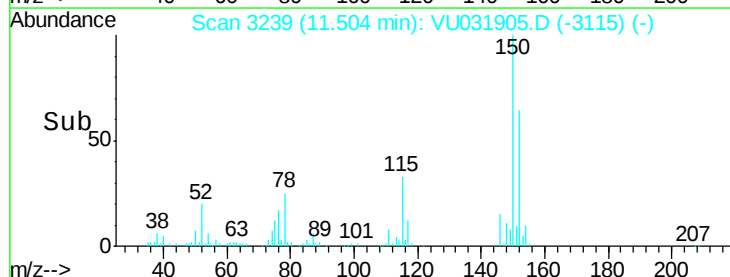
148 71.7 45.4 84.4

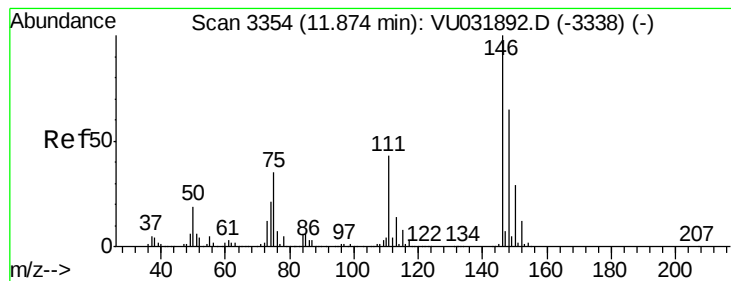


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 1.163 ug/L

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

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MSVOA_U

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Tot Ion:146 Resp: 15464

Ion Ratio Lower Upper

146 100

111 68.3 35.9 53.9#

148 71.9 50.5 75.7

