

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034736.D
 Acq On : 23 Sep 2019 16:17
 Operator : JC/SP
 Sample : VIBLK44
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK44

Quant Time: Sep 24 02:52:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 01:52:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	507770	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	483565	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	215172	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	183450	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.58%
7) Chloroethane-d5	1.67	69	149753	37.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.54%
11) 1,1-Dichloroethene-d2	2.26	63	259900	29.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.04%#
21) 2-Butanone-d5	4.15	46	349133	87.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.63%
24) Chloroform-d	4.62	84	290927	38.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.00%
26) 1,2-Dichloroethane-d4	5.29	65	225069	40.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.02%
32) Benzene-d6	5.32	84	628384	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
36) 1,2-Dichloropropane-d6	6.31	67	220243	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.08%
41) Toluene-d8	7.54	98	597601	41.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.82%
43) trans-1,3-Dichloropropene-	7.83	79	100617	40.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.20%
47) 2-Hexanone-d5	8.29	63	213078	80.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.98%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	291586	40.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.22%
64) 1,2-Dichlorobenzene-d4	11.84	152	200586	44.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.92%

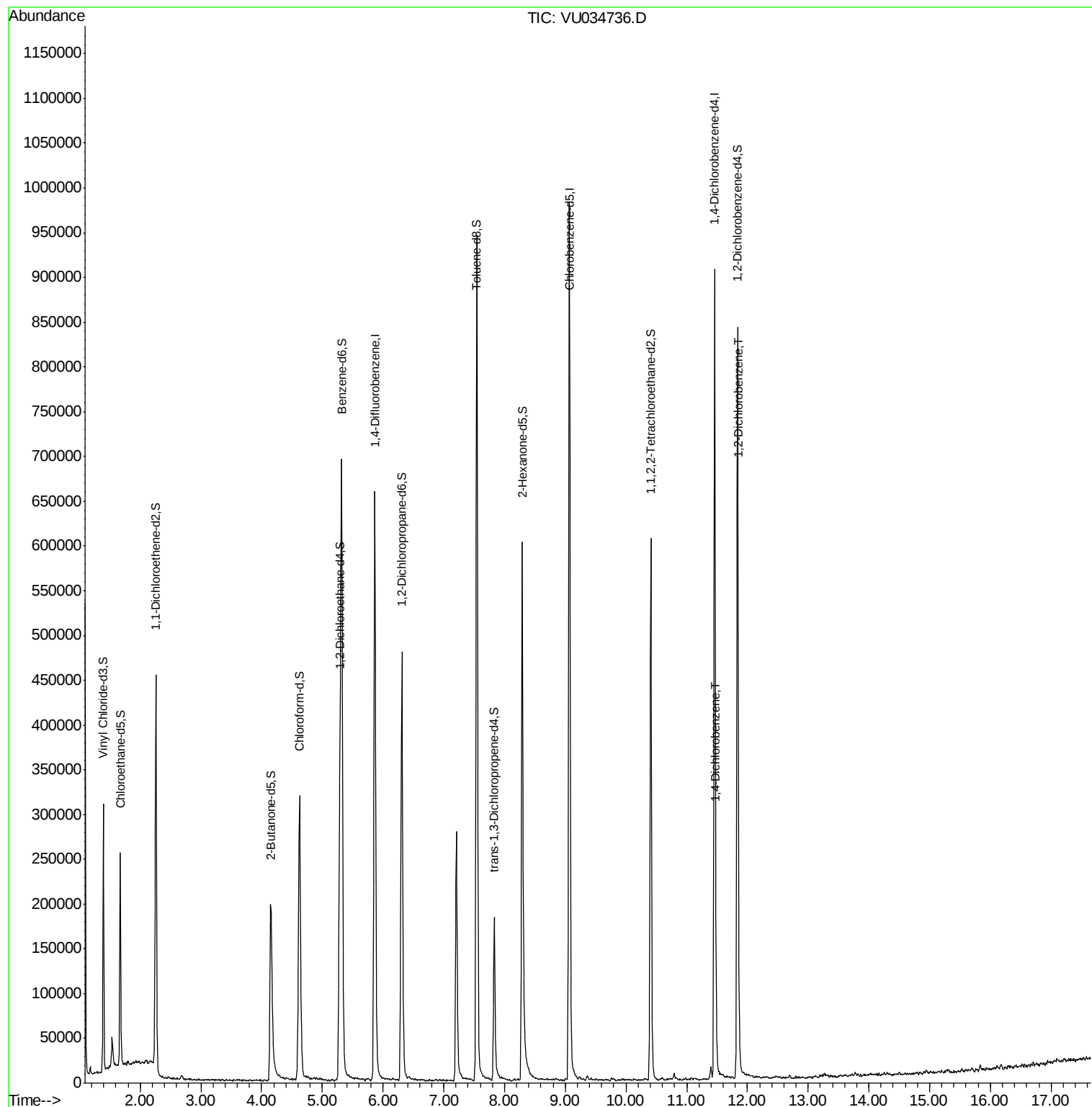
Target Compounds					Ovalue
63) 1,4-Dichlorobenzene	11.49	146	8865	1.168 ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	12413	1.649 ug/L	92

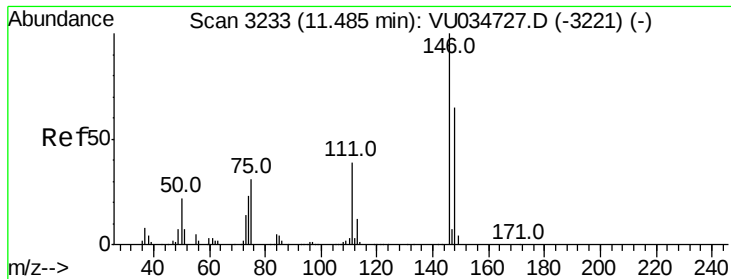
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#63

1,4-Dichlorobenzene

Concen: 1.168 ug/L

RT: 11.49 min Scan# 3234

Delta R.T. 0.00 min

Lab File: VU034736.D

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MSVOA_U

ClientSampleId :

VIBLK44

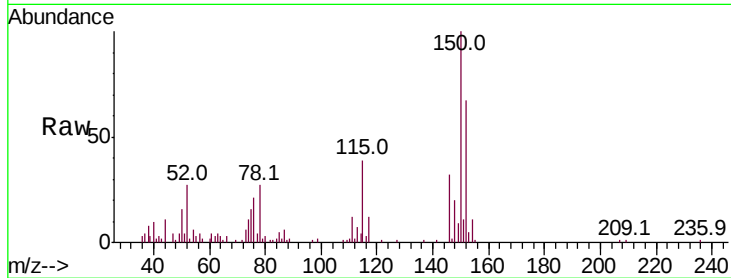
Tot Ion:146 Resp: 8865

Ion Ratio Lower Upper

146 100

111 38.2 29.5 54.9

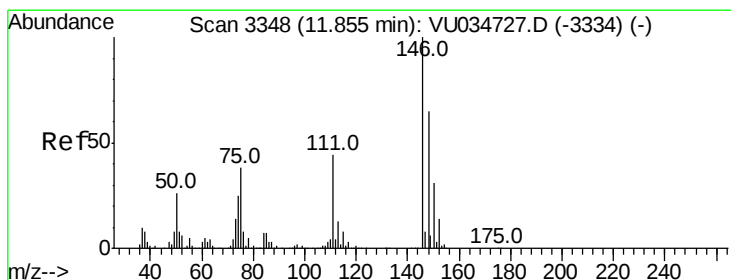
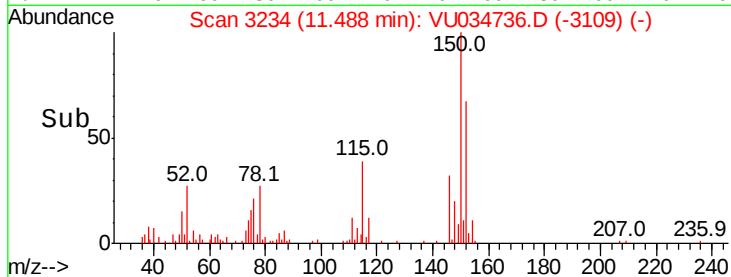
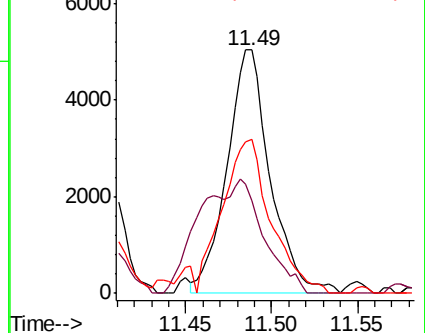
148 63.2 44.4 82.4



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: 1.649 ug/L

RT: 11.85 min Scan# 3348

Delta R.T. 0.00 min

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Acq: 23 Sep 2019 16:17

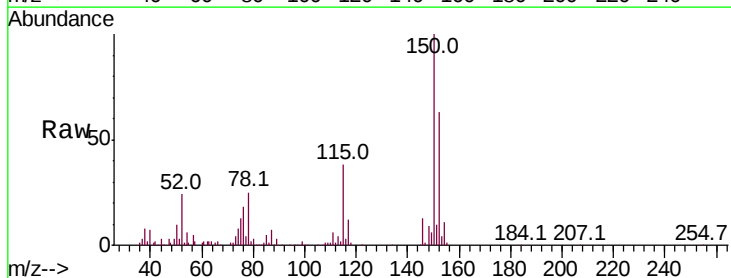
Tgt Ion:146 Resp: 12413

Ion Ratio Lower Upper

146 100

111 50.1 35.2 52.8

148 71.8 53.0 79.6



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

