

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042120\
 Data File : VU037835.D
 Acq On : 21 Apr 2020 19:15
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Apr 22 03:32:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 22 02:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	523414	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	496541	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	247111	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	200395	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.66%
7) Chloroethane-d5	1.93	69	170642	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.59	63	261469	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.10%
21) 2-Butanone-d5	4.66	46	370632	97.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.04%
24) Chloroform-d	5.10	84	336175	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	5.74	65	242439	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
32) Benzene-d6	5.76	84	722635	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
36) 1,2-Dichloropropane-d6	6.72	67	243437	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.06%
41) Toluene-d8	7.92	98	659401	46.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.70%
43) trans-1,3-Dichloropropene-	8.20	79	120040	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.72%
47) 2-Hexanone-d5	8.65	63	264011	97.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	331228	46.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.02%
64) 1,2-Dichlorobenzene-d4	12.20	152	238211	45.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.42%

Target Compounds

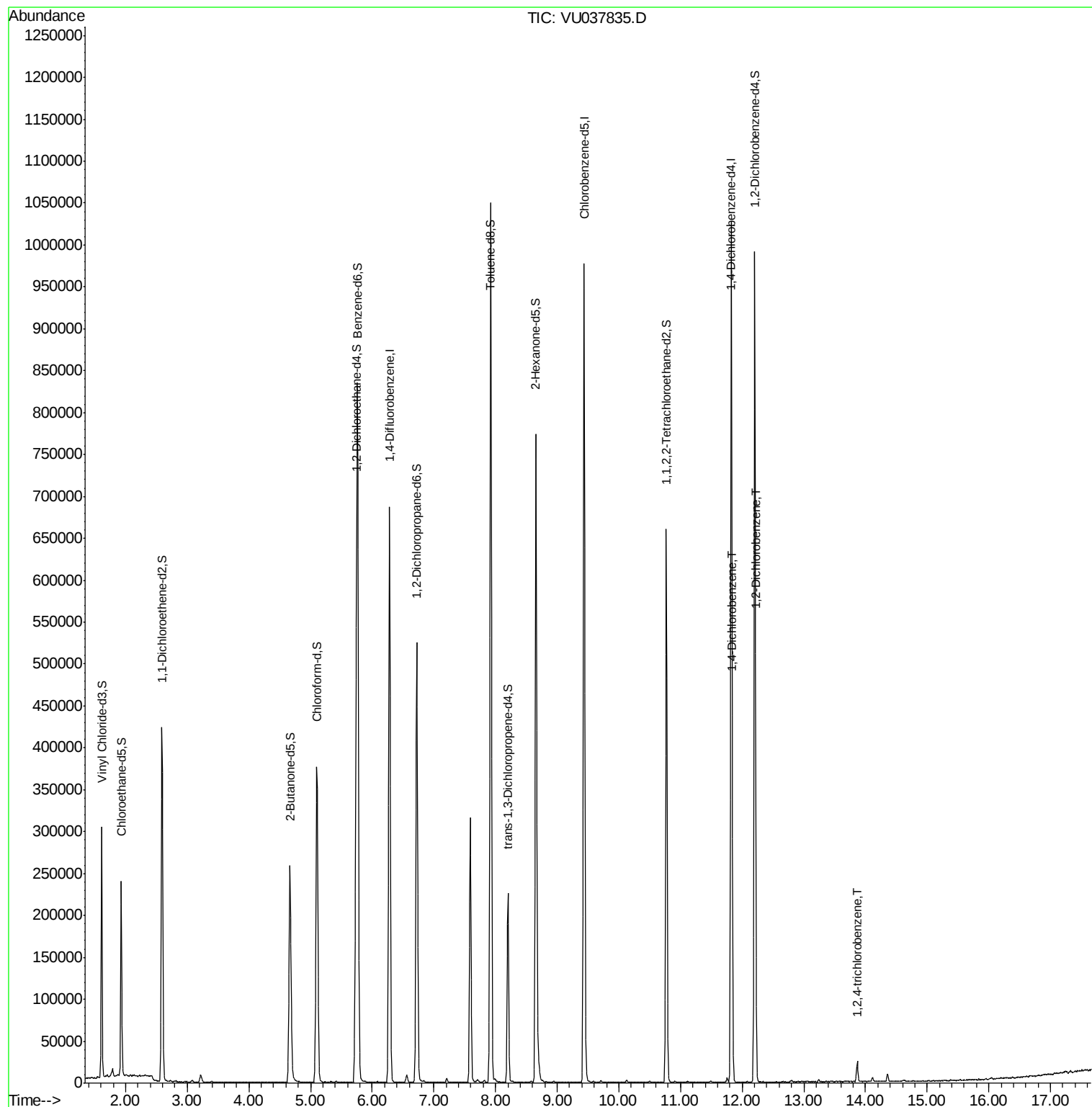
					Ovalue
63) 1,4-Dichlorobenzene	11.85	146	10736	1.272 ug/L	96
65) 1,2-Dichlorobenzene	12.23	146	11904	1.444 ug/L	95
68) 1,2,4-trichlorobenzene	13.87	180	7684	1.331 ug/L	94

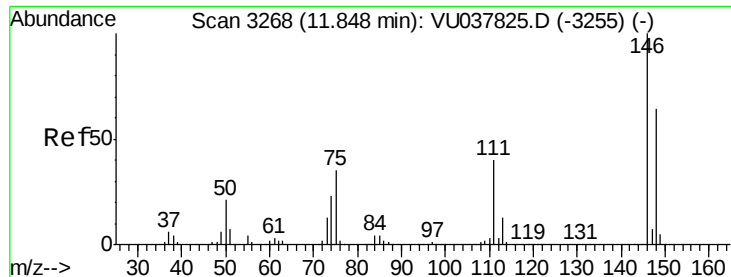
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#63

1,4-Dichlorobenzene

Concen: 1.272 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 0.00 min

Lab File: VU037835.D

Acq: 21 Apr 2020 19:15

Instrument :

MSVOA_U

ClientSampled :

VIBLK

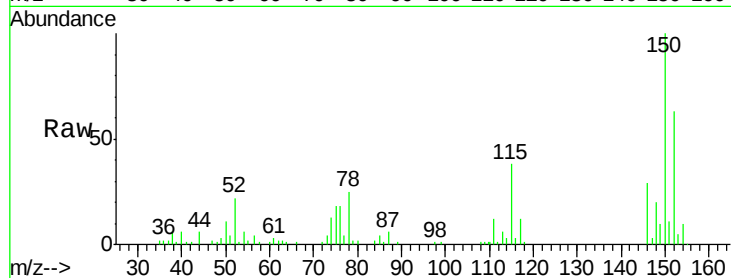
Tot Ion:146 Resp: 10736

Ion Ratio Lower Upper

146 100

111 41.7 28.6 53.2

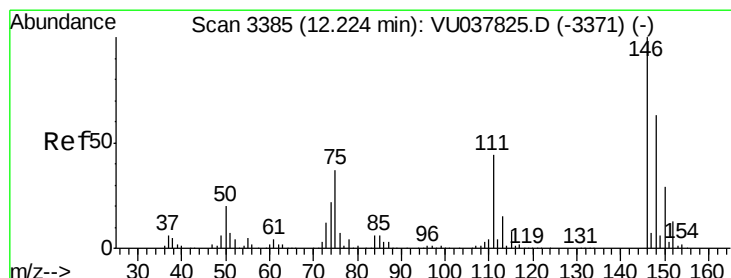
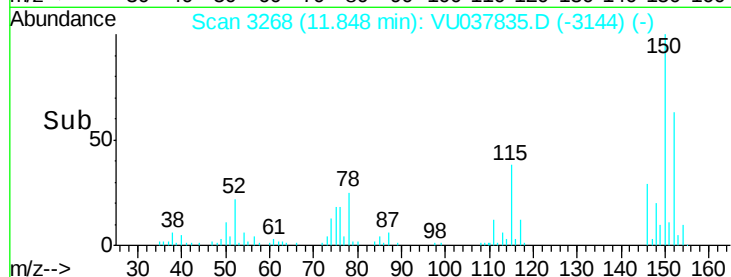
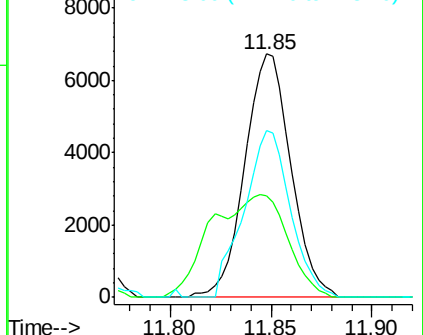
148 68.4 44.7 82.9



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: 1.444 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU037835.D

Acq: 21 Apr 2020 19:15

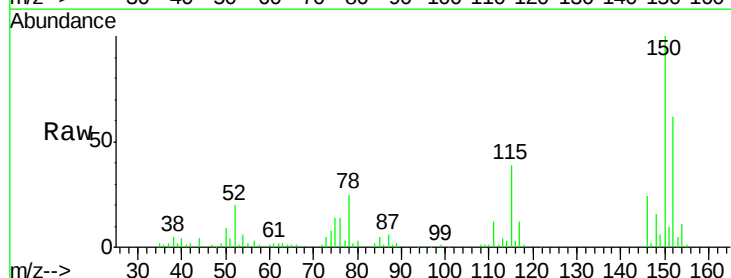
Tgt Ion:146 Resp: 11904

Ion Ratio Lower Upper

146 100

111 48.3 35.3 52.9

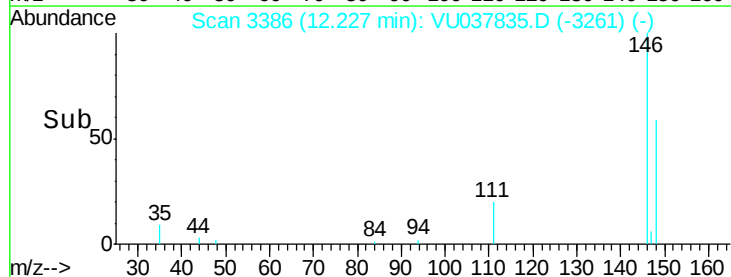
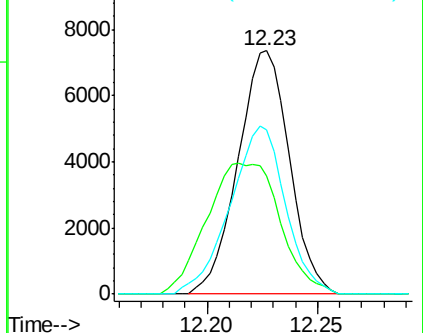
148 67.4 51.3 76.9

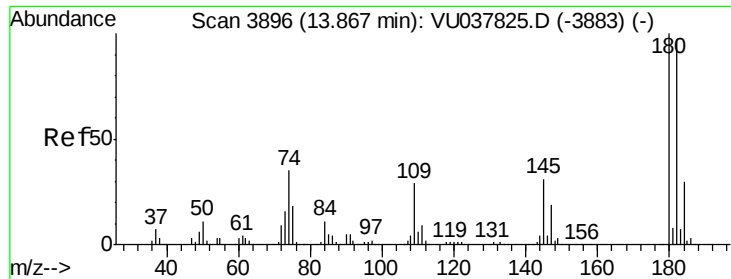


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68

1,2,4-trichlorobenzene

Concen: 1.331 ug/L

RT: 13.87 min Scan# 3896

Delta R.T. 0.00 min

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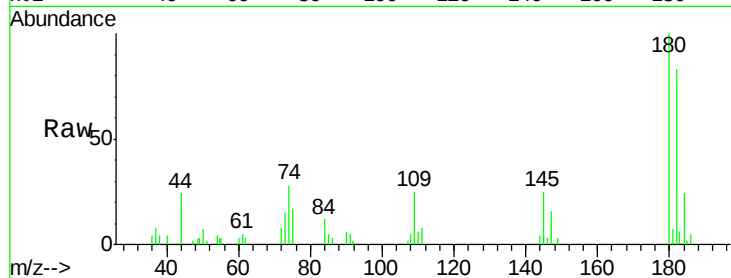
Tot Ion:180 Resp: 7684

Ion Ratio Lower Upper

180 100

182 91.0 76.2 114.4

145 25.2 24.3 36.5



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

