

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU036997.D
 Acq On : 02 Mar 2020 14:32
 Operator : JC/MD
 Sample : L1732-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EG9

Quant Time: Mar 03 04:06:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 03:21:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	264074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	252436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87066	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.52%
7) Chloroethane-d5	1.93	69	84619	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.24%
11) 1,1-Dichloroethene-d2	2.59	63	118567	31.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.86%
21) 2-Butanone-d5	4.67	46	169236	113.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.77%
24) Chloroform-d	5.11	84	169501	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
26) 1,2-Dichloroethane-d4	5.74	65	117158	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
32) Benzene-d6	5.76	84	365849	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
36) 1,2-Dichloropropane-d6	6.72	67	121261	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.54%
41) Toluene-d8	7.92	98	328490	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.20	79	51334	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%
47) 2-Hexanone-d5	8.66	63	122445	105.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	175130	52.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.04%
64) 1,2-Dichlorobenzene-d4	12.21	152	102841	54.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.74%

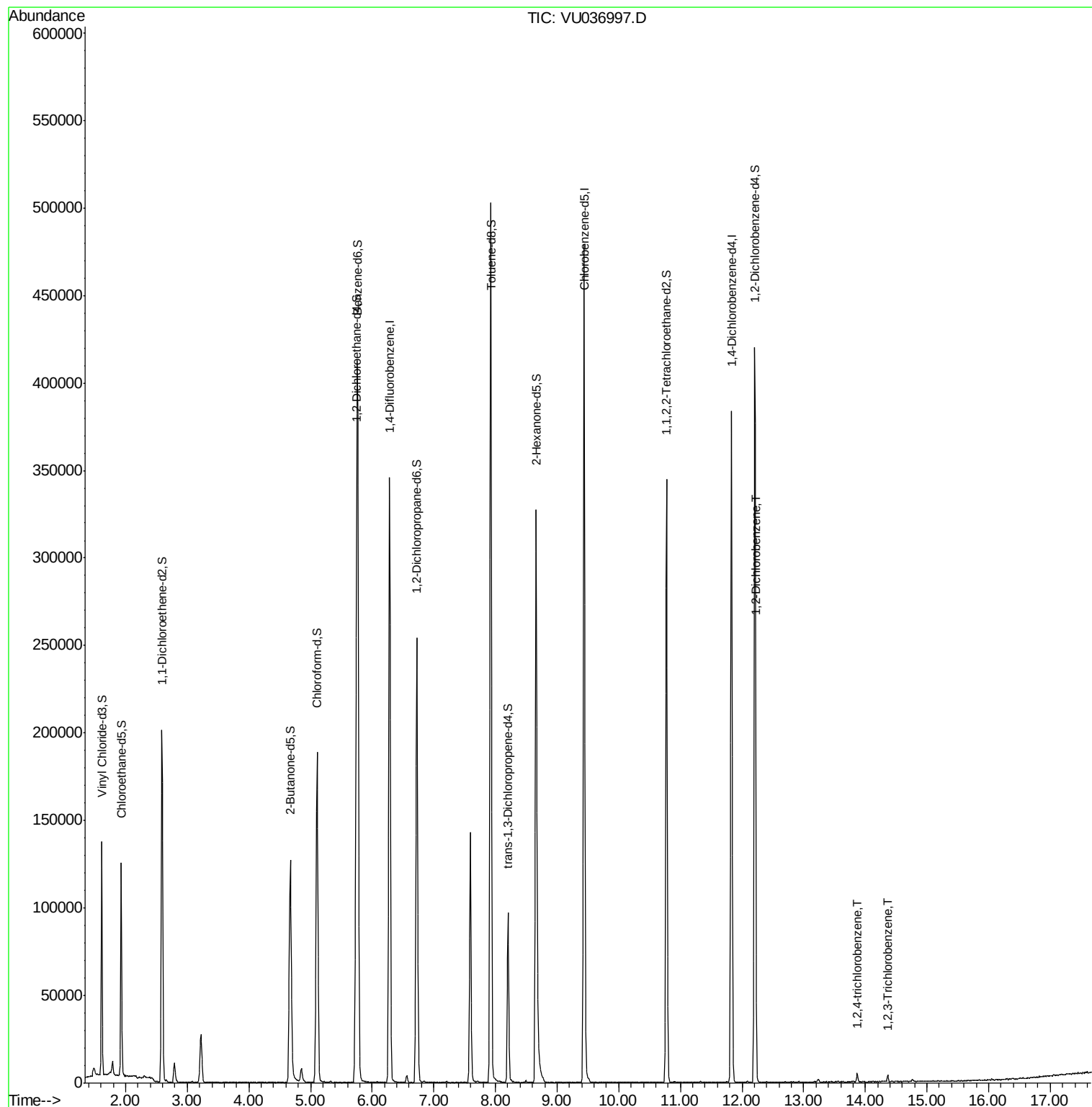
Target Compounds					Ovalue
65) 1,2-Dichlorobenzene	12.23	146	3478	1.110 ug/L #	77
68) 1,2,4-trichlorobenzene	13.87	180	1693	1.134 ug/L	92
70) 1,2,3-Trichlorobenzene	14.37	180	1375	0.922 ug/L #	90

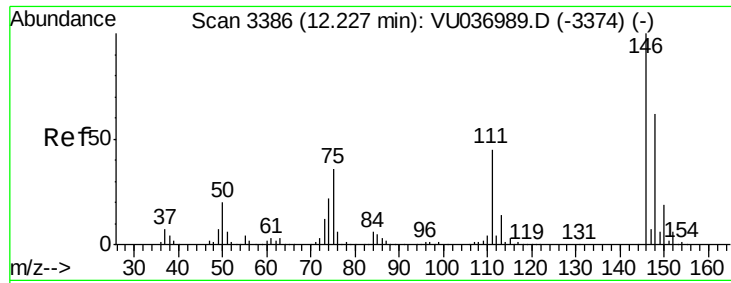
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#65

1,2-Dichlorobenzene

Concen: 1.110 ug/L

RT: 12.23 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU036997.D

Acq: 02 Mar 2020 14:32

Instrument :

MSVOA_U

ClientSampled :

C0EG9

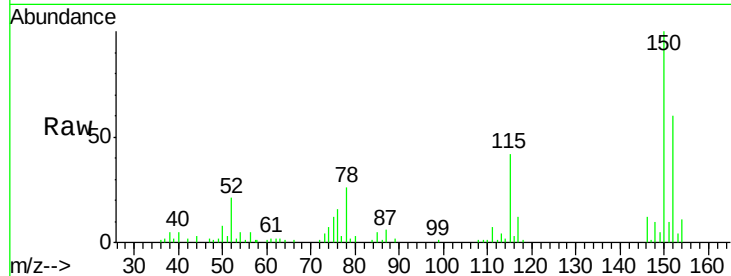
Tot Ion:146 Resp: 3478

Ion Ratio Lower Upper

146 100

111 53.8 35.4 53.0#

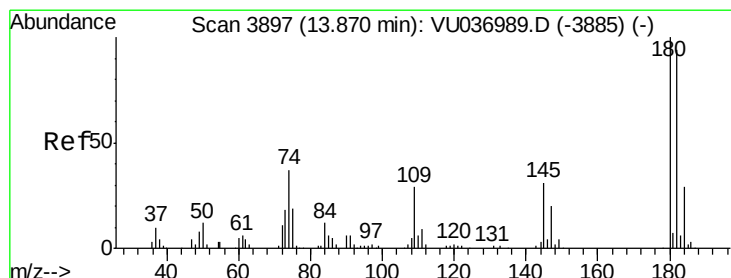
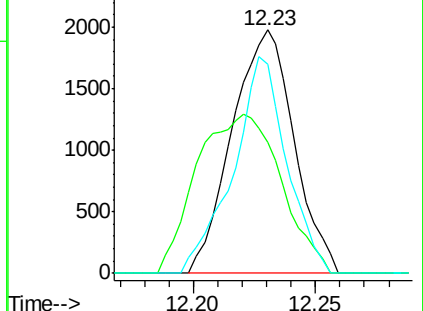
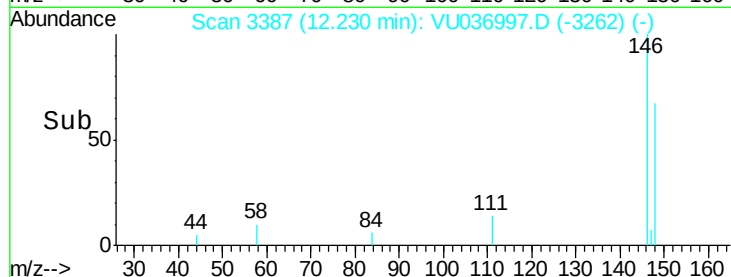
148 85.6 50.5 75.7#



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: 1.134 ug/L

RT: 13.87 min Scan# 3897

Delta R.T. -0.00 min

Lab File: VU036997.D

Acq: 02 Mar 2020 14:32

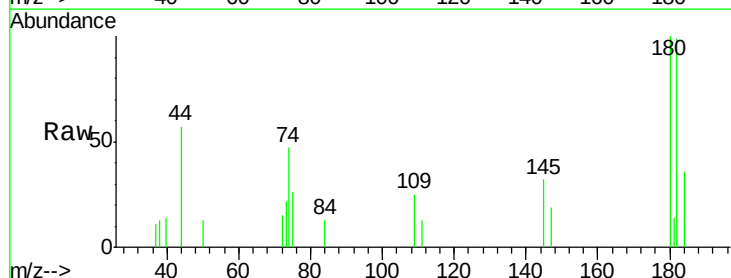
Tgt Ion:180 Resp: 1693

Ion Ratio Lower Upper

180 100

182 87.0 75.3 112.9

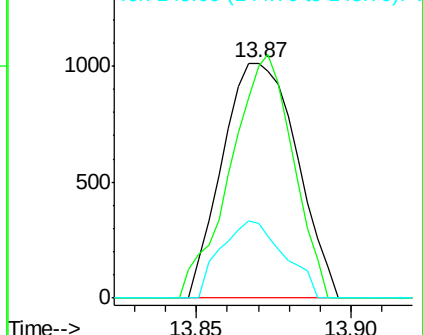
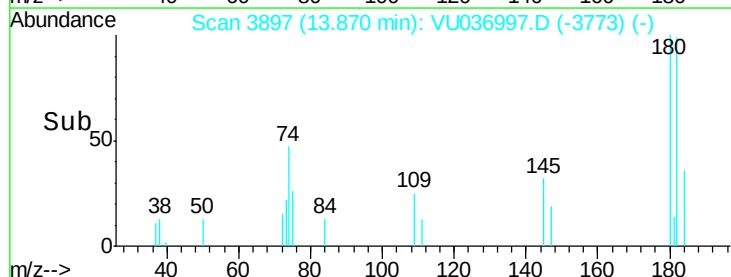
145 28.0 26.2 39.4

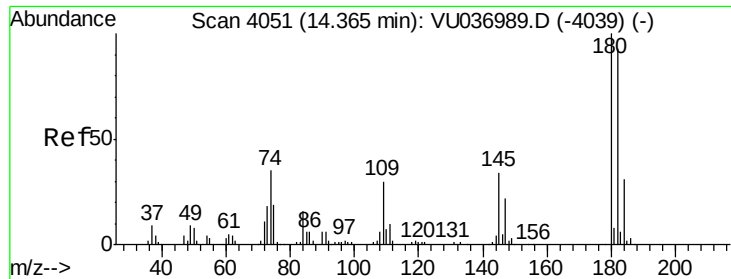


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

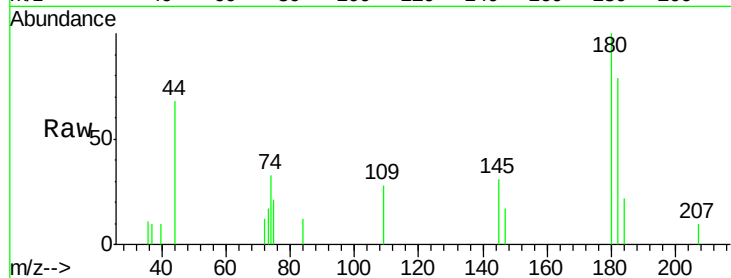




#70
 1,2,3-Trichlorobenzene
 Concen: 0.922 ug/L
 RT: 14.37 min Scan# 4051
 Delta R.T. -0.00 min
 Lab File: VU036997.D
 Acq: 02 Mar 2020 14:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EG9

Tot Ion:180 Resp: 1375
 Ion Ratio Lower Upper
 180 100
 182 92.7 77.0 115.6
 145 19.8 28.1 42.1#



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

