

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100620\
 Data File : VU040530.D
 Acq On : 06 Oct 2020 16:01
 Operator : SY/MD
 Sample : VU1006WBL03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK203

Quant Time: Oct 07 08:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 08:04:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	286786	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	281825	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	128418	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	111660	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.68%
7) Chloroethane-d5	1.92	69	88188	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.58	63	161568	34.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.76%
21) 2-Butanone-d5	4.63	46	180396	92.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.29%
24) Chloroform-d	5.08	84	194004	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
26) 1,2-Dichloroethane-d4	5.72	65	135360	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
32) Benzene-d6	5.74	84	380535	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
36) 1,2-Dichloropropane-d6	6.70	67	124656	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.74%
41) Toluene-d8	7.91	98	336762	46.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.62%
43) trans-1,3-Dichloropropene-	8.18	79	64176	47.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.38%
47) 2-Hexanone-d5	8.64	63	114226	91.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.15%
56) 1,1,2,2-Tetrachloroethane-	10.76	84	172040	44.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.60%
66) 1,2-Dichlorobenzene-d4	12.19	152	128460	49.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.30%

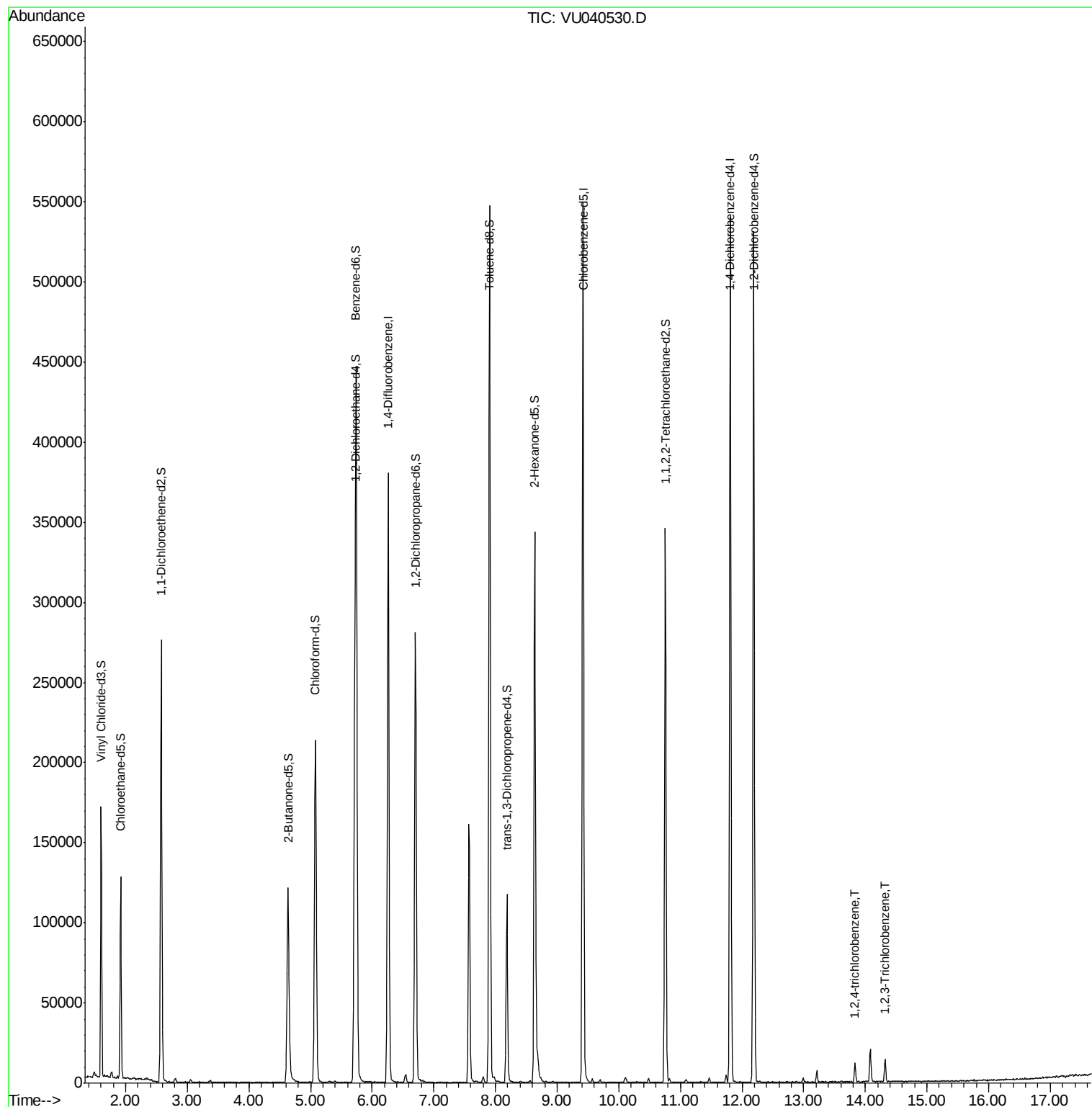
Target Compounds					Ovalue
70) 1,2,4-trichlorobenzene	13.83	180	3646	1.527 ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	4368	1.843 ug/L	95

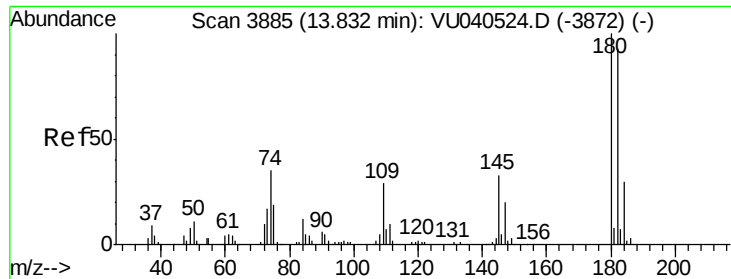
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

1,2,4-trichlorobenzene

Concen: 1.527 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

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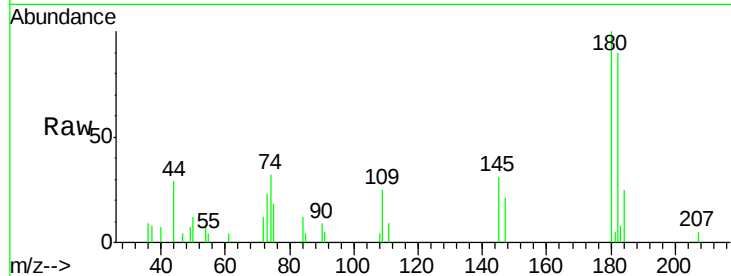
Tot Ion:180 Resp: 3646

Ion Ratio Lower Upper

180 100

182 94.7 75.0 112.6

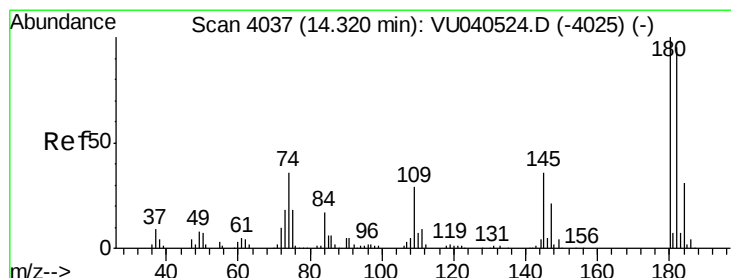
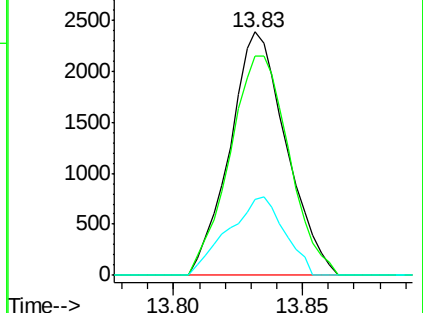
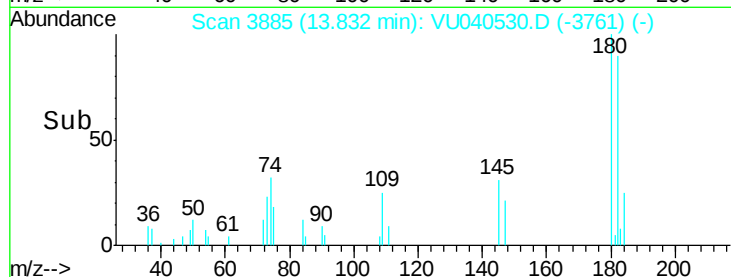
145 32.1 25.9 38.9



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



#72

1,2,3-Trichlorobenzene

Concen: 1.843 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

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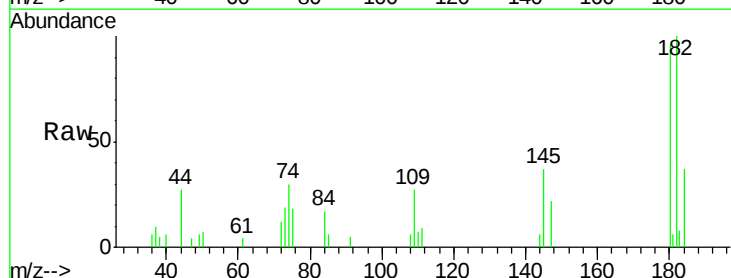
Tgt Ion:180 Resp: 4368

Ion Ratio Lower Upper

180 100

182 102.4 77.7 116.5

145 34.2 28.4 42.6



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

