

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040496.D
 Acq On : 03 Oct 2020 21:43
 Operator : SY/MD
 Sample : VIBLK71
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK71

Quant Time: Oct 05 03:31:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111586	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28723	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.93	69	25596	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.58	63	46265	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	133811	48.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.52%
24) Chloroform-d	5.08	84	63571	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	40966	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.75	84	121115	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.70	67	43556	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.91	98	97461	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.19	79	16885	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.64	63	89333	46.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37361	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	38812	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

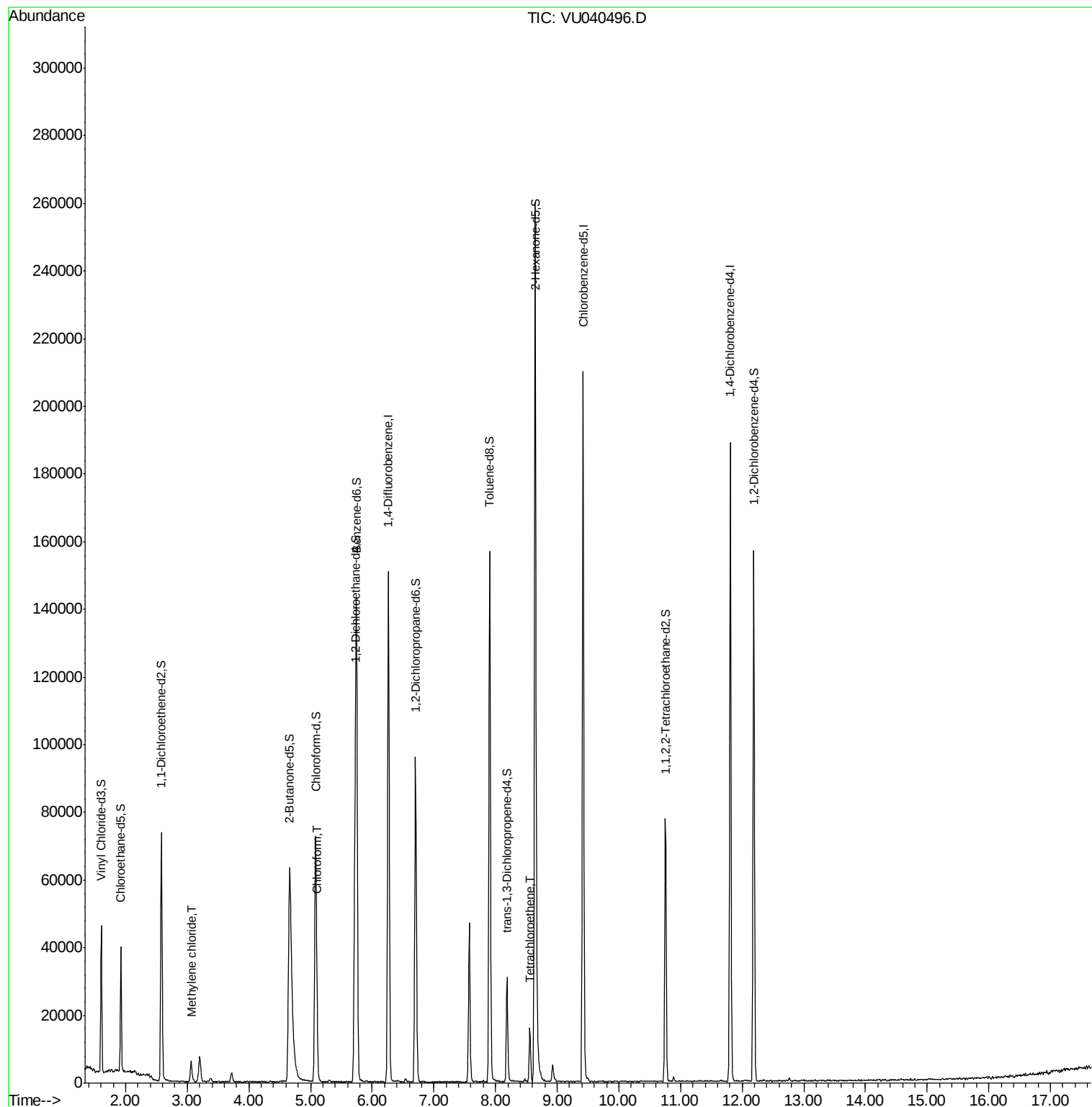
Target Compounds					Ovalue
16) Methylene chloride	3.06	84	2916	0.273 ug/L	93
25) Chloroform	5.11	83	3955	0.215 ug/L	97
47) Tetrachloroethene	8.56	164	3212	0.468 ug/L	97

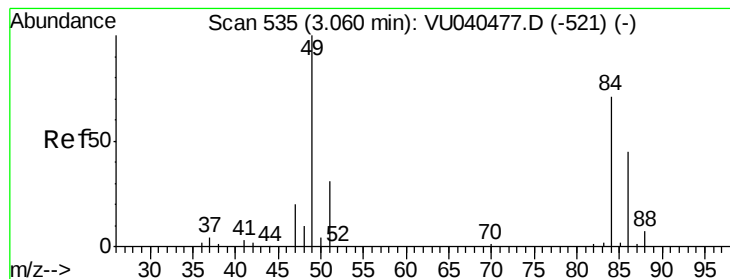
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.273 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

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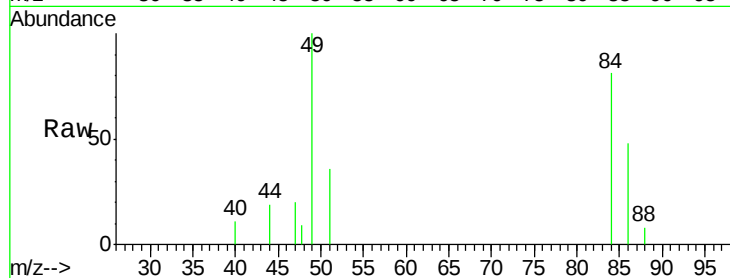
Tot Ion: 84 Resp: 2916

Ion Ratio Lower Upper

84 100

86 58.6 44.4 82.5

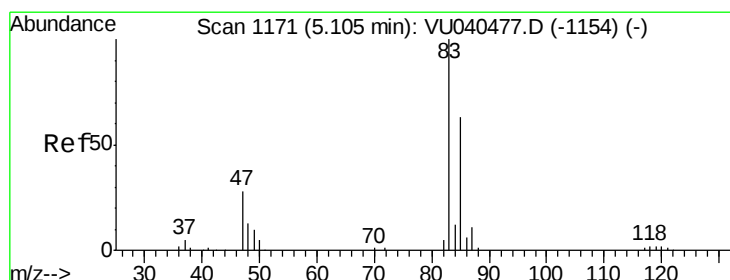
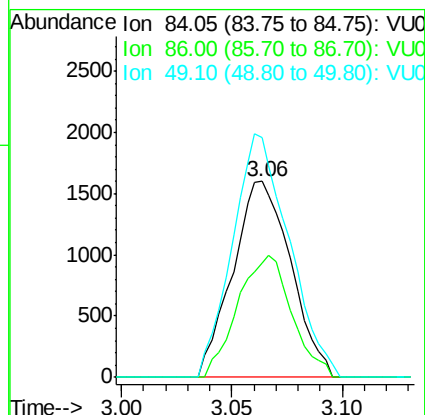
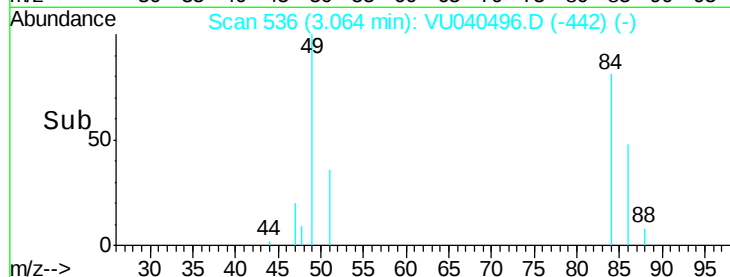
49 122.8 92.2 171.2



Abundance Ion 84.05 (83.75 to 84.75): VU040496.D (-1078) (-)

Ion 86.00 (85.70 to 86.70): VU040496.D (-1078) (-)

Ion 49.10 (48.80 to 49.80): VU040496.D (-1078) (-)



#25

Chloroform

Concen: 0.215 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040496.D

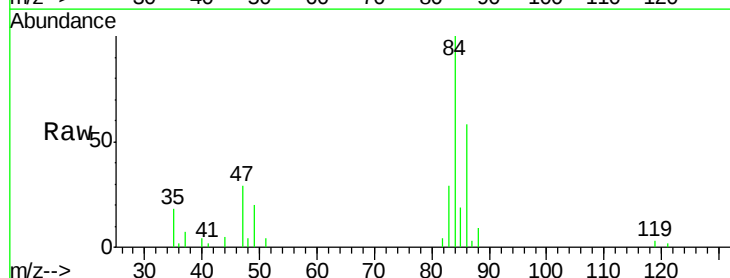
Acq: 03 Oct 2020 21:43

Tgt Ion: 83 Resp: 3955

Ion Ratio Lower Upper

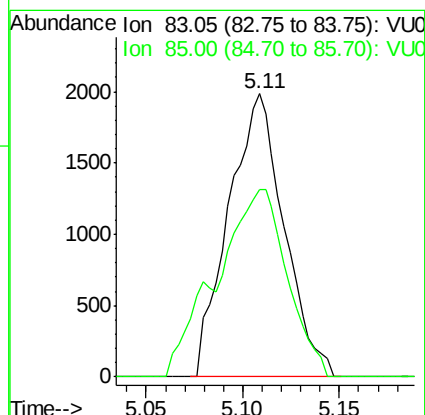
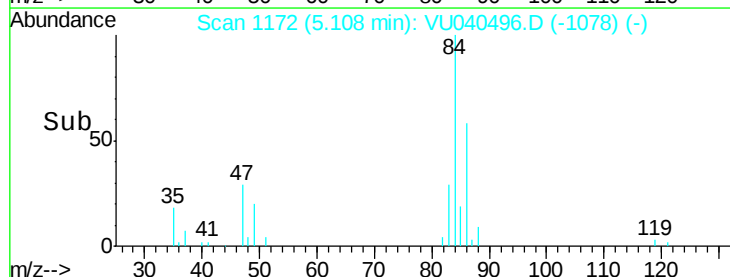
83 100

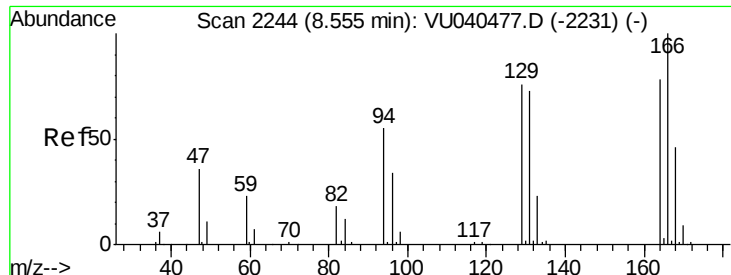
85 66.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040496.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040496.D (-1078) (-)





#47

Tetrachloroethene

Concen: 0.468 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040496.D

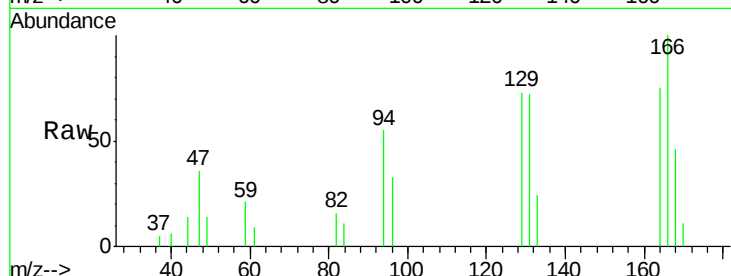
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Tot Ion:164 Resp: 3212

Ion Ratio Lower Upper

164 100

129 96.8 70.3 130.7

131 95.5 69.2 128.6

166 132.6 91.1 169.3

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

