

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039561.D
 Acq On : 17 Jul 2020 19:30
 Operator : SY/MD
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Jul 18 02:37:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	87995	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	82267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38926	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19777	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.92	69	20682	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.58	63	31525	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	102969	44.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.26%
24) Chloroform-d	5.09	84	41550	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	5.72	65	31990	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.75	84	93219	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.71	67	31705	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.91	98	82964	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.19	79	12482	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.64	63	71468	39.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.42%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28114	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	33074	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

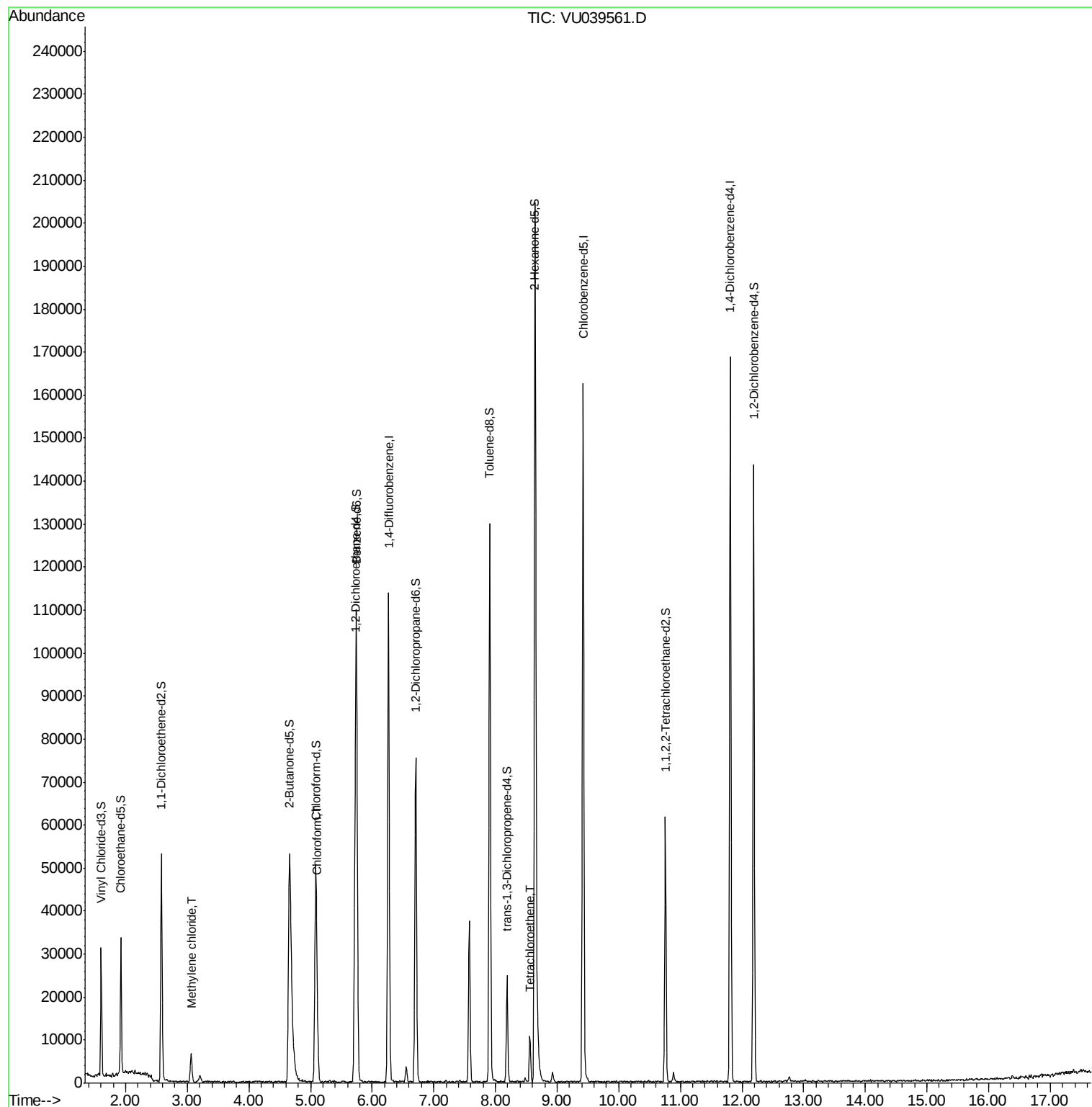
Target Compounds					Ovalue
16) Methylene chloride	3.06	84	3082	0.468 ug/L	87
25) Chloroform	5.11	83	9842	0.860 ug/L	97
47) Tetrachloroethene	8.56	164	2035	0.460 ug/L	78

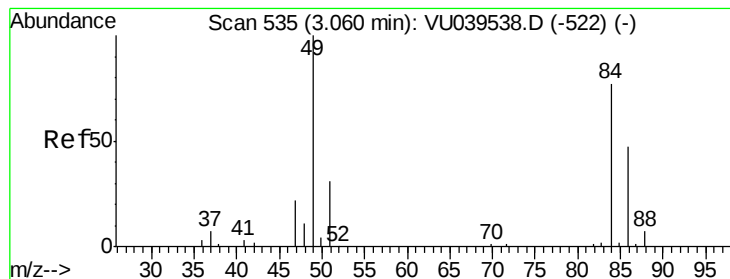
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.468 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

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VIBLK40

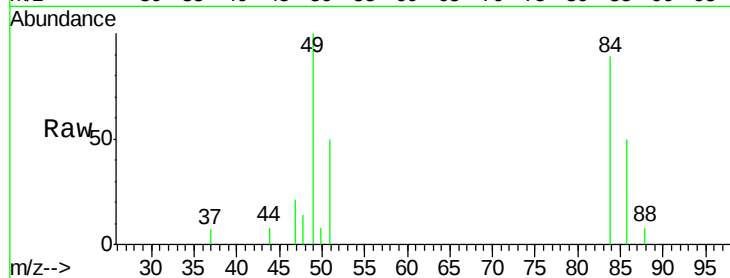
Tot Ion: 84 Resp: 3082

Ion Ratio Lower Upper

84 100

86 56.2 43.5 80.9

49 111.9 91.1 169.1

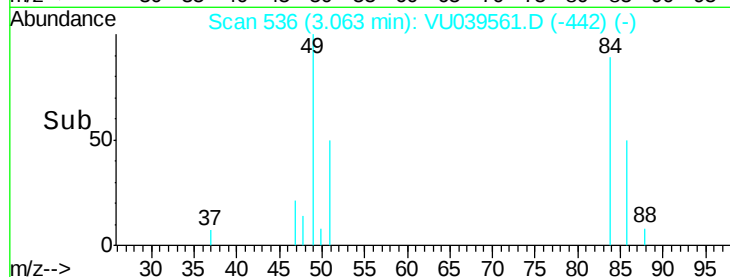


Abundance Ion 84.05 (83.75 to 84.75): VU039538.D (-522) (-)

Ion 86.00 (85.70 to 86.70): VU039538.D (-522) (-)

Ion 49.10 (48.80 to 49.80): VU039538.D (-522) (-)

Time-->

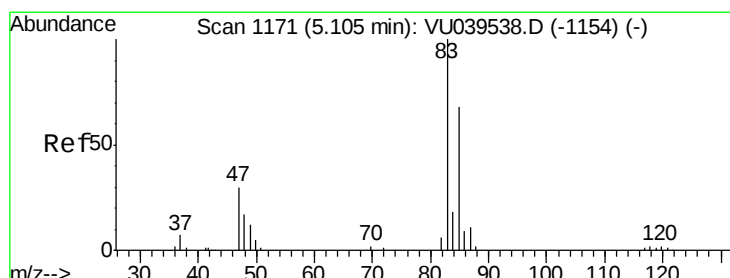


Abundance Ion 84.05 (83.75 to 84.75): VU039561.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU039561.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU039561.D (-442) (-)

Time-->



#25

Chloroform

Concen: 0.860 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039561.D

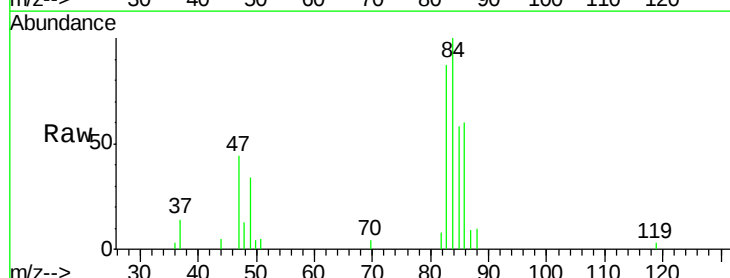
Acq: 17 Jul 2020 19:30

Tgt Ion: 83 Resp: 9842

Ion Ratio Lower Upper

83 100

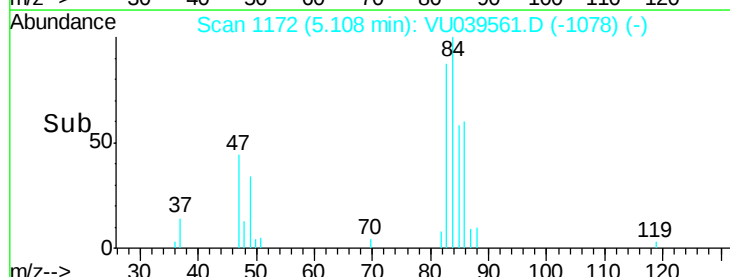
85 66.8 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039538.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU039538.D (-1154) (-)

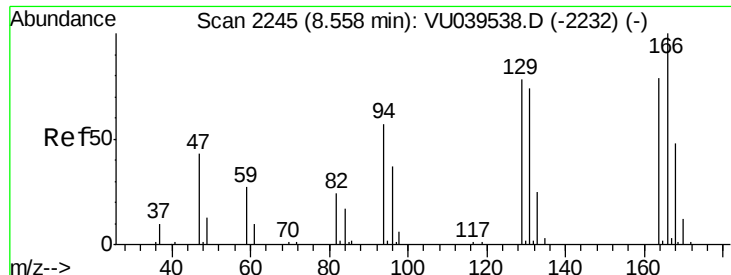
Time-->



Abundance Ion 83.05 (82.75 to 83.75): VU039561.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039561.D (-1078) (-)

Time-->



#47

Tetrachloroethene

Concen: 0.460 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU039561.D

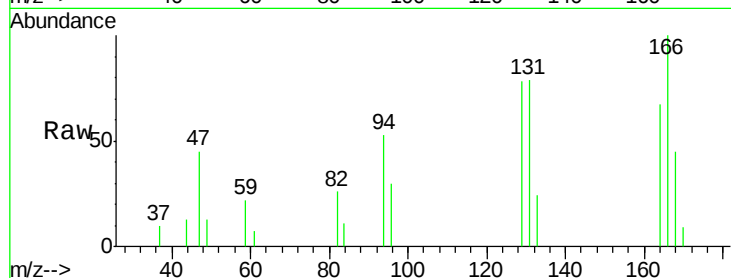
Acq: 17 Jul 2020 19:30

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Tot Ion:164 Resp: 2035

Ion Ratio Lower Upper

164 100

129 116.0 68.6 127.4

131 117.3 66.4 123.4

166 148.7 85.9 159.5

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

