

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122120\
 Data File : VU041699.D
 Acq On : 21 Dec 2020 14:26
 Operator : SY/MD
 Sample : L5148-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T2

Quant Time: Dec 22 03:22:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 02:49:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143086	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	140962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63386	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45102	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.92	69	40317	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	63882	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.66	46	183223	57.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.04%
24) Chloroform-d	5.08	84	89395	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	56112	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.74	84	190700	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.70	67	56884	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.91	98	150331	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	26096	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	189332	60.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54362	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	59153	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

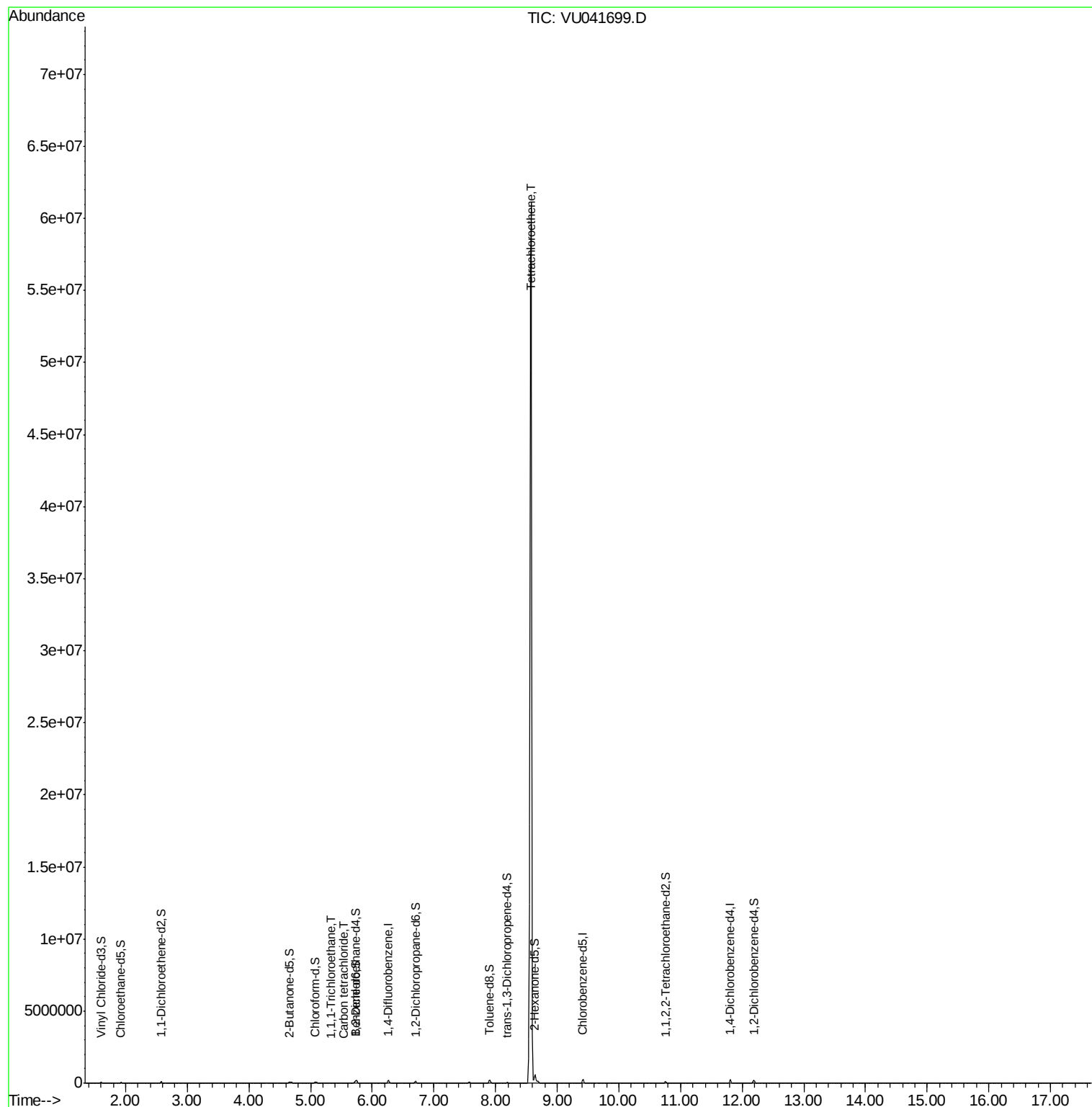
Target Compounds					Ovalue
29) 1,1,1-Trichloroethane	5.33	97	1724	0.106 ug/L	96
31) Carbon tetrachloride	5.55	117	1441	0.103 ug/L	99
47) Tetrachloroethene	8.57	164	14839480	1871.251 ug/L	89

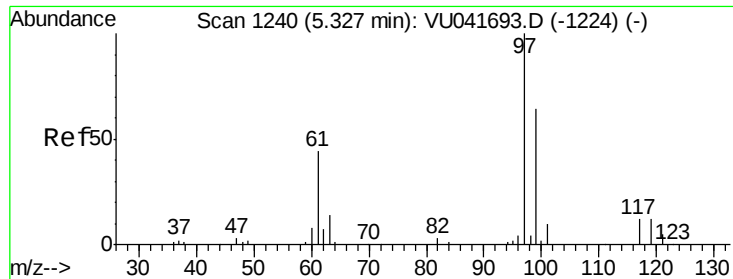
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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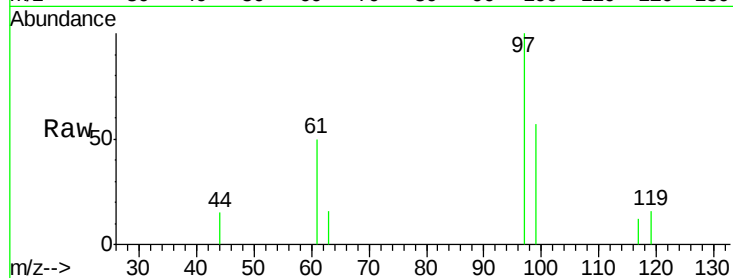




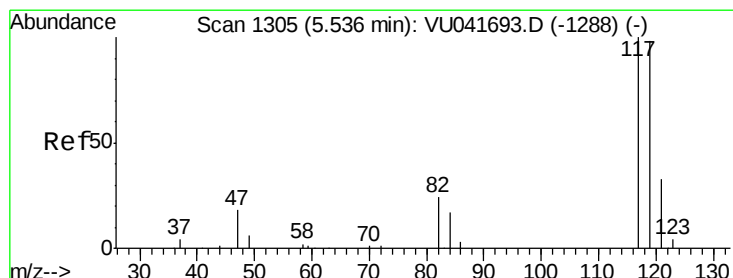
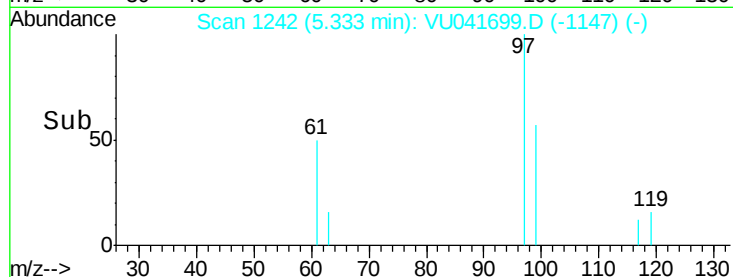
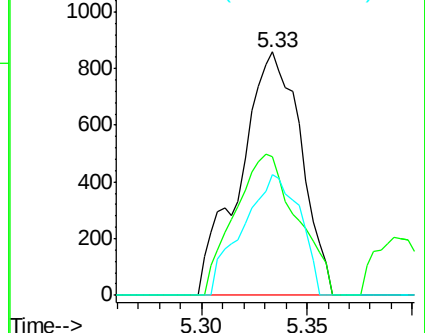
#29
 1,1,1-Trichloroethane
 Concen: 0.106 ug/L
 RT: 5.33 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VU041699.D
 Acq: 21 Dec 2020 14:26

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T2

Tot Ion: 97 Resp: 1724
 Ion Ratio Lower Upper
 97 100
 99 59.6 51.3 76.9
 61 46.3 36.5 54.7

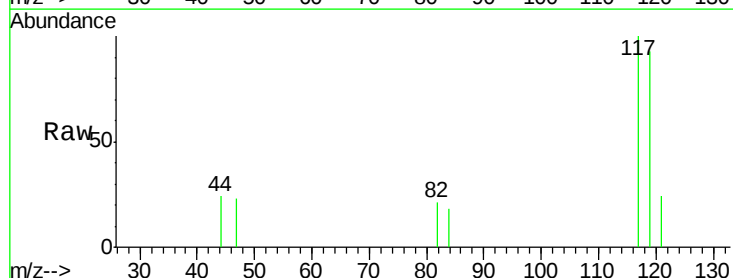


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

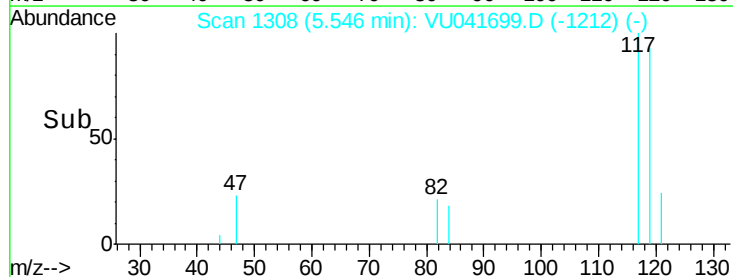
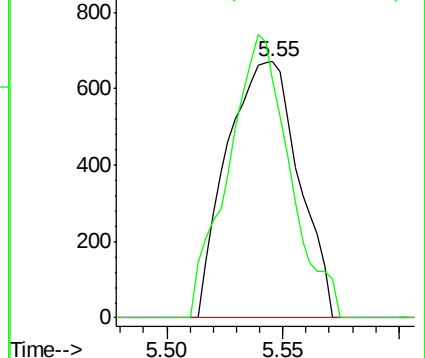


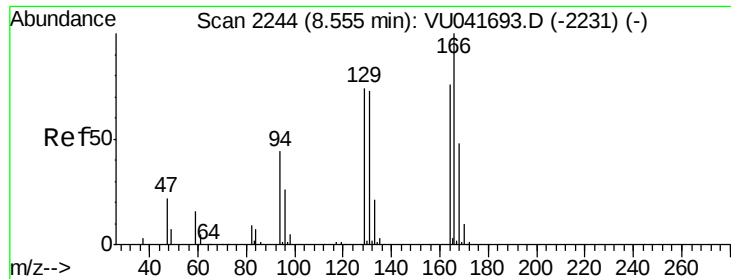
#31
 Carbon tetrachloride
 Concen: 0.103 ug/L
 RT: 5.55 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: VU041699.D
 Acq: 21 Dec 2020 14:26

Tgt Ion: 117 Resp: 1441
 Ion Ratio Lower Upper
 117 100
 119 94.4 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#47

Tetrachloroethene

Concen: 1871.251 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.02 min

Lab File: VU041699.D

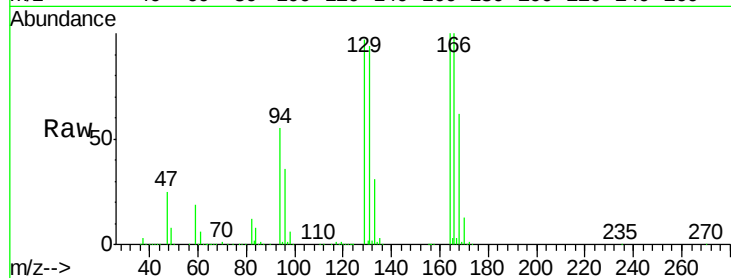
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Tot Ion:164 Resp:14839480

Ion Ratio Lower Upper

164 100

129 97.6 72.2 134.0

131 94.8 66.9 124.3

166 100.5 89.6 166.4

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

