

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071520\
 Data File : VU039502.D
 Acq On : 15 Jul 2020 16:20
 Operator : SY/MD
 Sample : L3313-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C00

Quant Time: Jul 16 07:46:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 04:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	96097	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92540	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20768	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.92	69	24408	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.58	63	34253	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.66	46	98179	38.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.06%
24) Chloroform-d	5.08	84	47642	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.72	65	31224	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	5.75	84	95129	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.71	67	32788	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.91	98	83938	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	12038	3.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.60%
46) 2-Hexanone-d5	8.64	63	69316	33.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.62%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28380	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32953	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

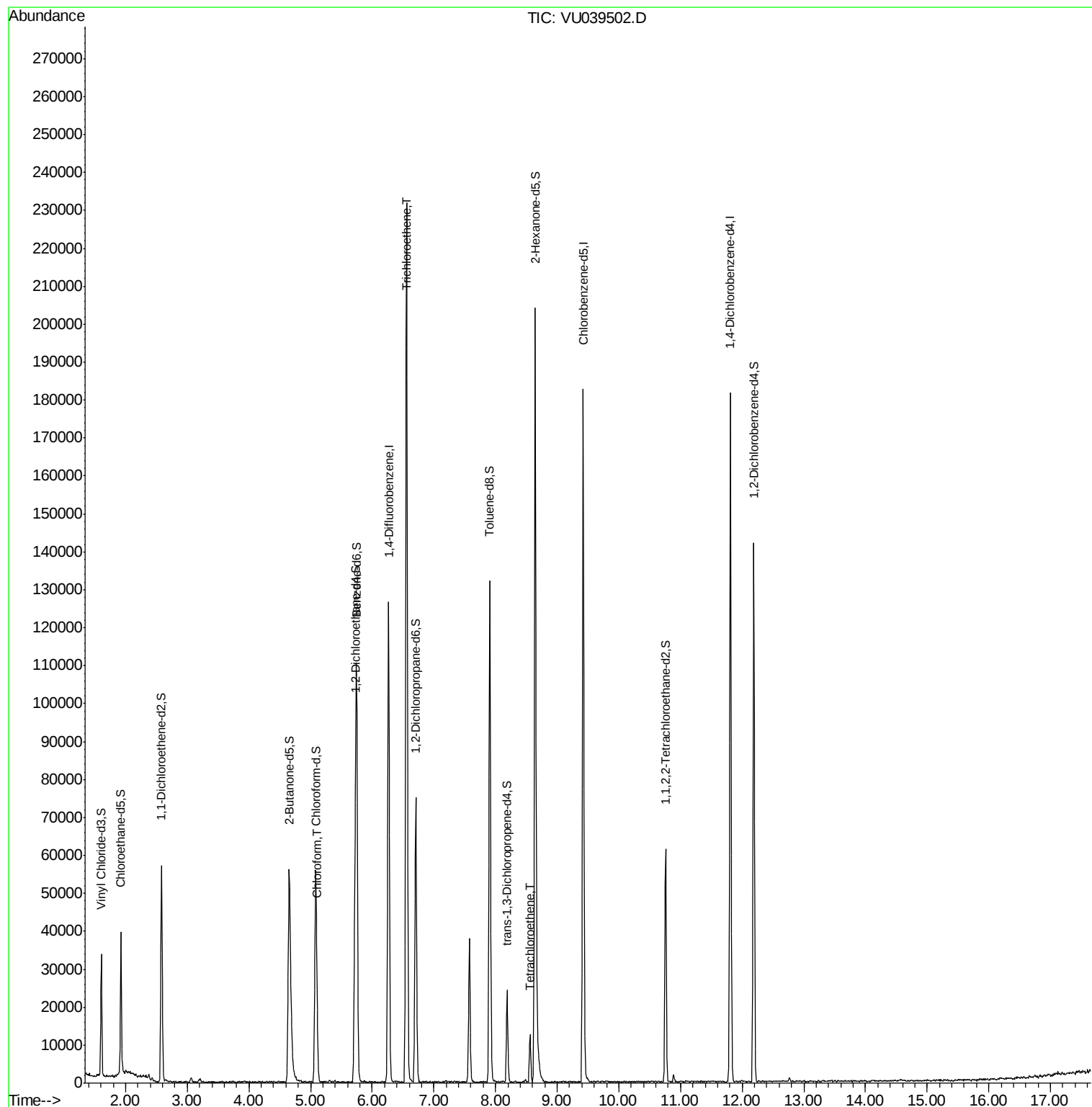
Target Compounds					Ovalue
25) Chloroform	5.11	83	3758	0.301 ug/L	100
34) Trichloroethene	6.56	95	73194	10.233 ug/L	97
47) Tetrachloroethene	8.56	164	2287	0.460 ug/L	91

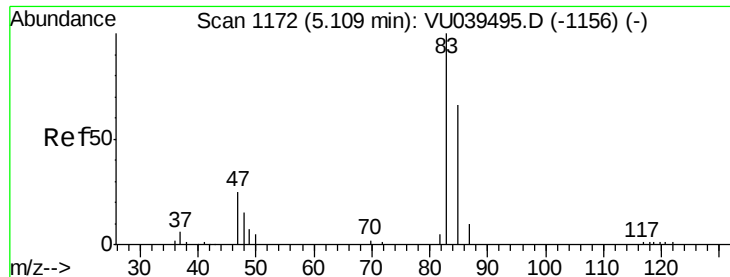
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.301 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

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ClientSampleId :

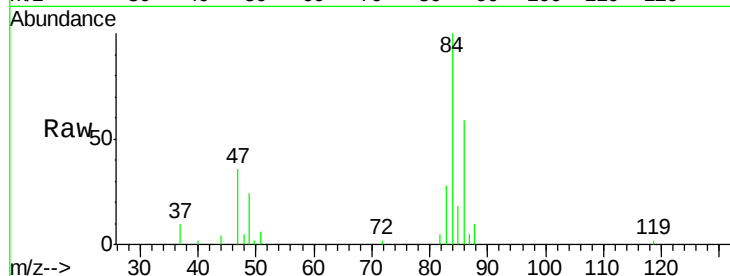
F4C00

Tot Ion: 83 Resp: 3758

Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039495.D (-1156) (-)

Ion 85.00 (84.70 to 85.70): VU039495.D (-1156) (-)

5.11

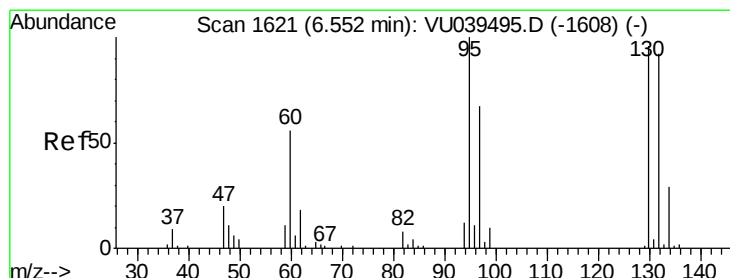
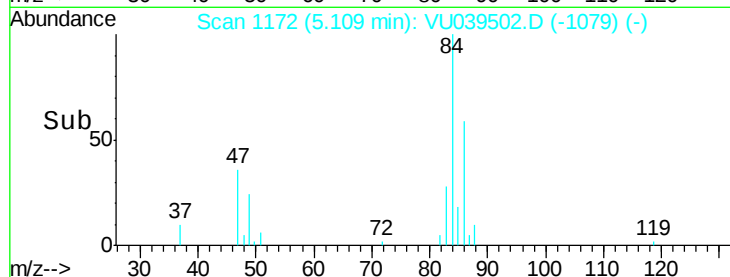
1500

1000

500

0

Time-->



#34

Trichloroethene

Concen: 10.233 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 73194

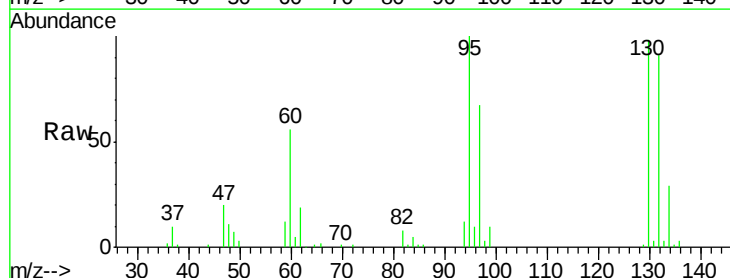
Ion Ratio Lower Upper

95 100

97 66.5 46.3 85.9

132 90.5 64.0 118.8

130 98.1 64.3 119.5



Abundance Ion 95.00 (94.70 to 95.70): VU039495.D (-1608) (-)

Ion 96.95 (96.65 to 97.65): VU039495.D (-1608) (-)

Ion 131.95 (131.65 to 132.65): VU039495.D (-1608) (-)

Ion 129.95 (129.65 to 130.65): VU039495.D (-1608) (-)

60000

50000

40000

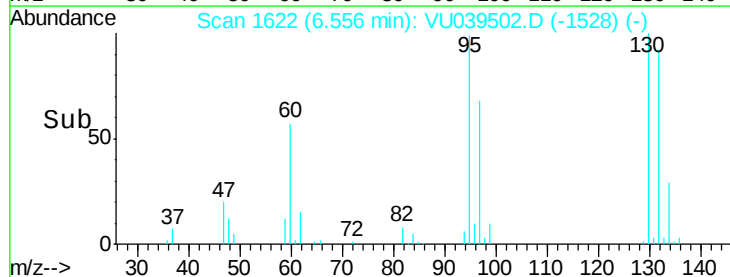
30000

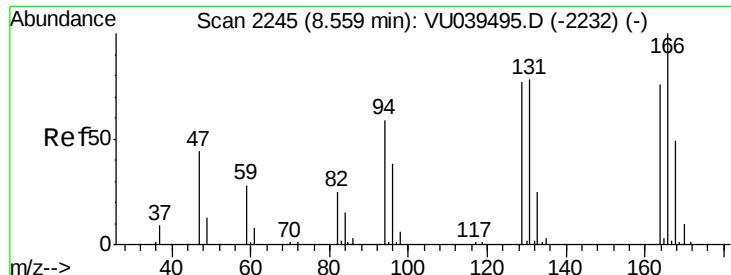
20000

10000

0

Time-->





#47

Tetrachloroethene

Concen: 0.460 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039502.D

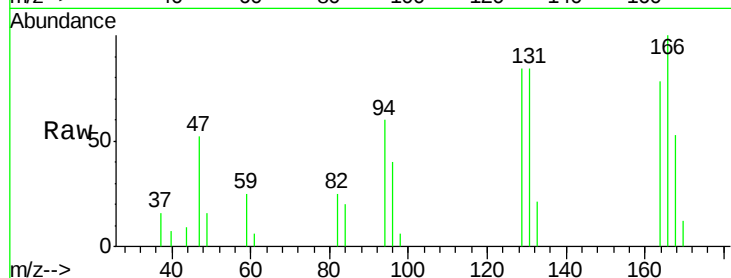
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Tot Ion:164 Resp: 2287

Ion Ratio Lower Upper

164 100

129 108.4 68.6 127.4

131 108.0 66.4 123.4

166 128.7 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

