

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041733.D
 Acq On : 22 Dec 2020 11:52
 Operator : SY/MD
 Sample : L5148-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T5

Quant Time: Dec 23 04:30:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 04:05:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132424	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37558	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.92	69	42523	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	76920	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.66	46	169321	56.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.88%
24) Chloroform-d	5.08	84	88067	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.72	65	52234	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.74	84	173310	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.70	67	56113	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.90	98	142773	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.18	79	22805	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	148598	53.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55635	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	55867	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

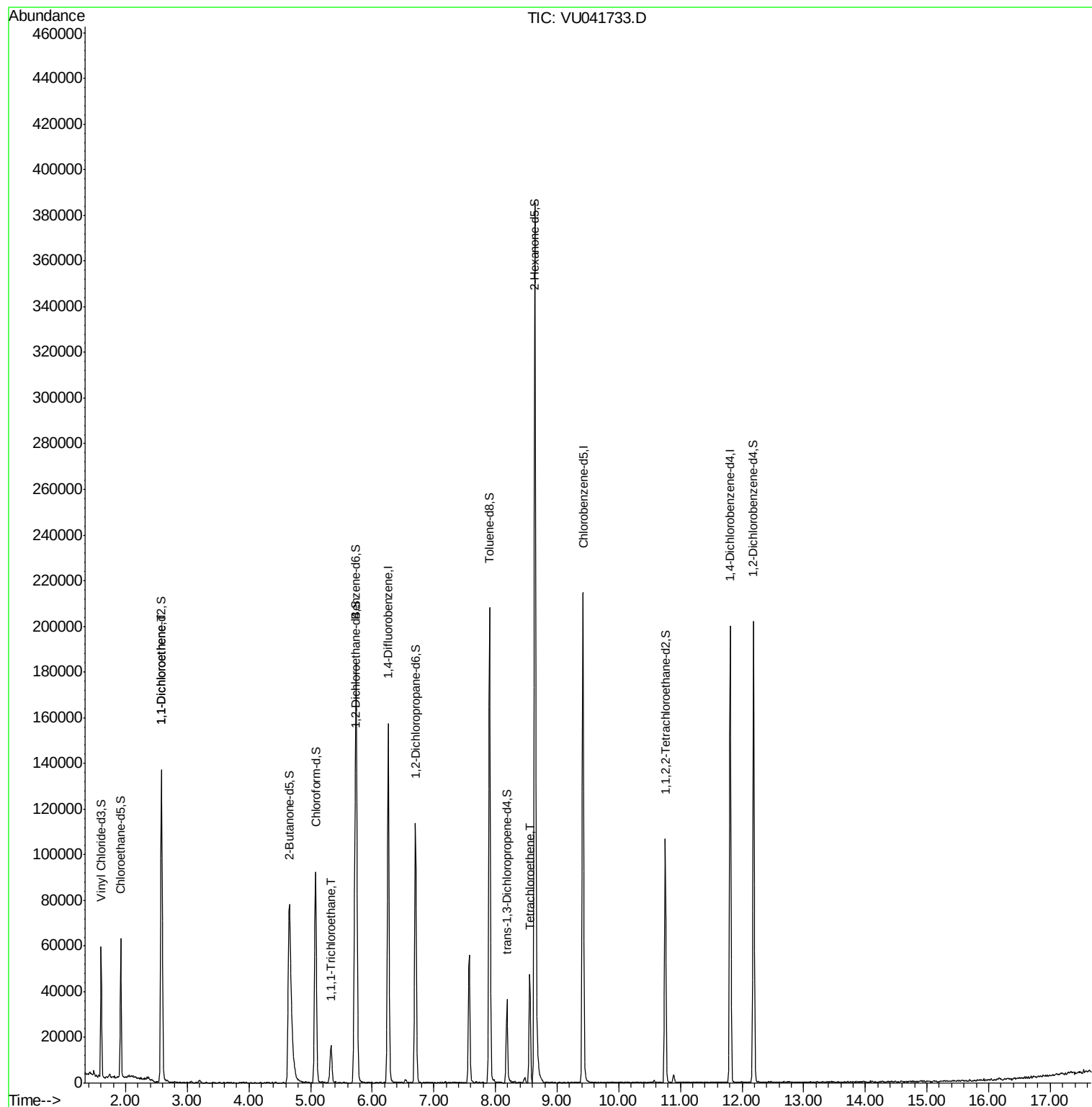
					Ovalue
12) 1,1-Dichloroethene	2.59	96	18041	2.008 ug/L	# 52
29) 1,1,1-Trichloroethane	5.33	97	12163	0.837 ug/L	97
47) Tetrachloroethene	8.56	164	11380	1.599 ug/L	87

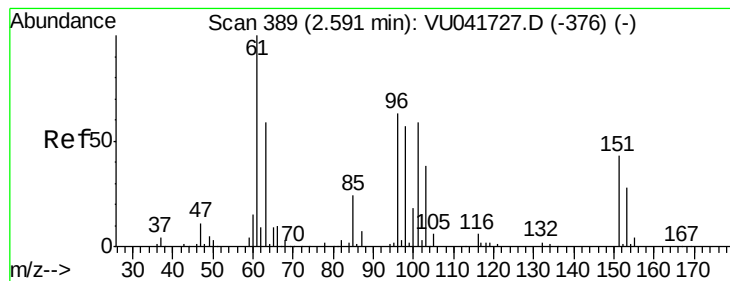
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.008 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041733.D

Acq: 22 Dec 2020 11:52

Instrument :

MSVOA_U

ClientSampleId :

GB1T5

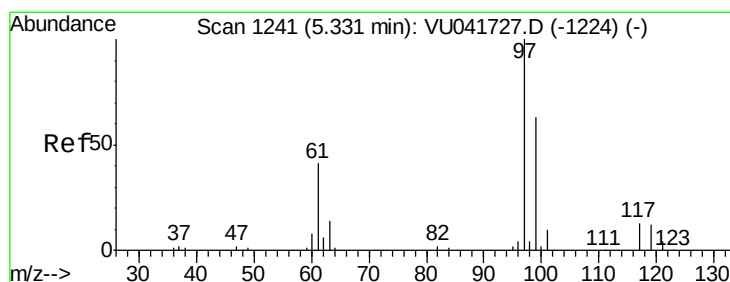
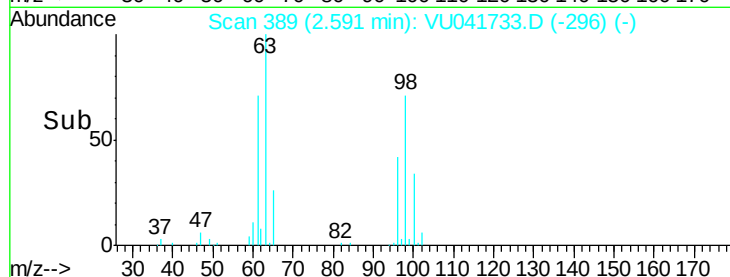
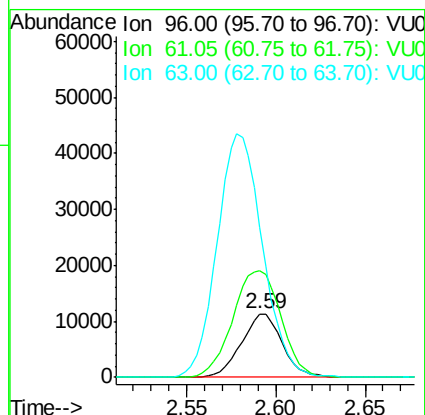
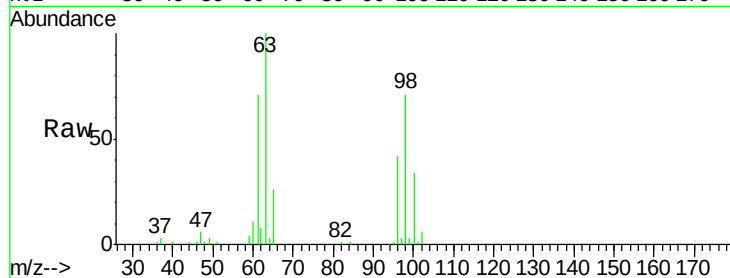
Tot Ion: 96 Resp: 18041

Ion Ratio Lower Upper

96 100

61 168.3 123.8 230.0

63 236.5 81.0 150.4#



#29

1,1,1-Trichloroethane

Concen: 0.837 ug/L

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

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Acq: 22 Dec 2020 11:52

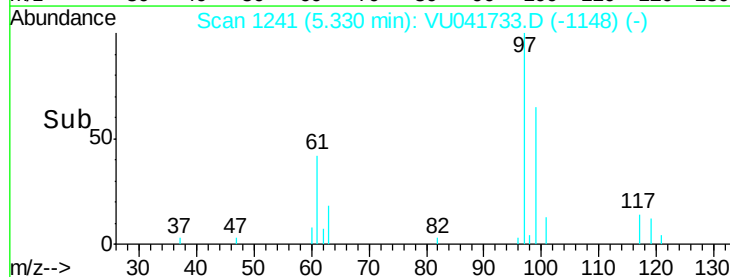
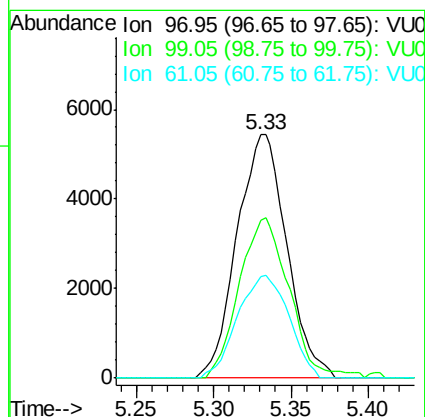
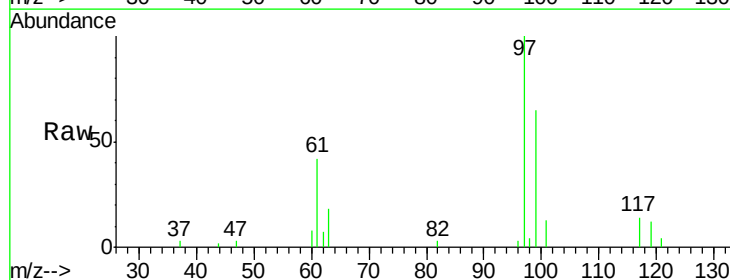
Tgt Ion: 97 Resp: 12163

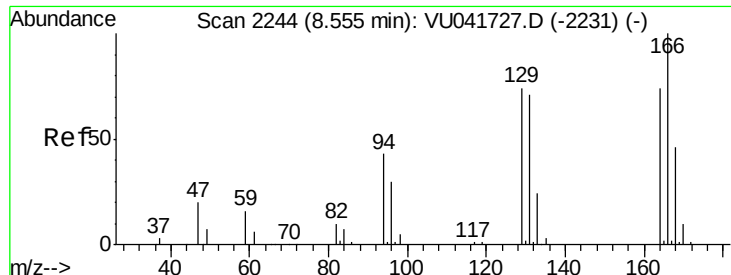
Ion Ratio Lower Upper

97 100

99 66.0 51.3 76.9

61 43.4 36.5 54.7





#47

Tetrachloroethene

Concen: 1.599 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041733.D

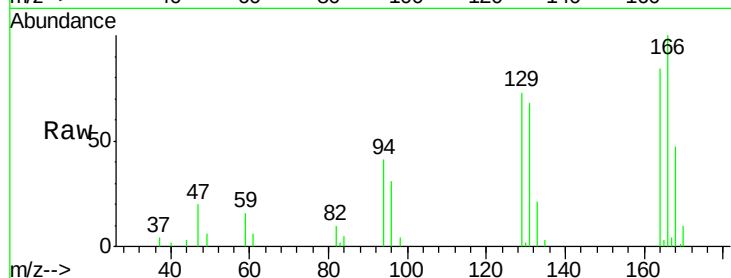
Acq: 22 Dec 2020 11:52

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Tot Ion:164 Resp: 11380

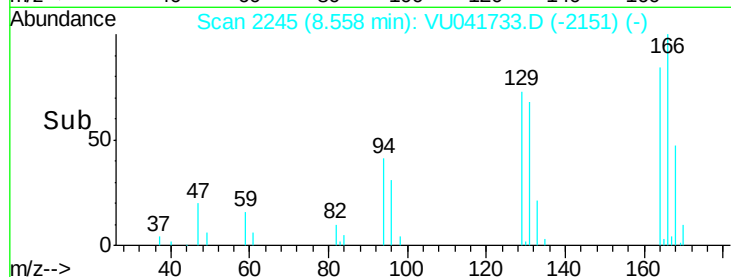
Ion Ratio Lower Upper

164 100

129 86.2 72.2 134.0

131 80.5 66.9 124.3

166 118.8 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

