

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
 Data File : VU040964.D
 Acq On : 27 Oct 2020 00:20
 Operator : SY/MD
 Sample : L4493-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ0

Quant Time: Oct 27 06:02:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 05:24:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58043	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24951	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.92	69	20188	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.58	63	37574	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.66	46	86140	53.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.28%
24) Chloroform-d	5.08	84	45820	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.72	65	27534	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.74	84	82802	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.70	67	28295	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.91	98	65249	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.19	79	10713	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	67561	54.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24896	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	24718	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

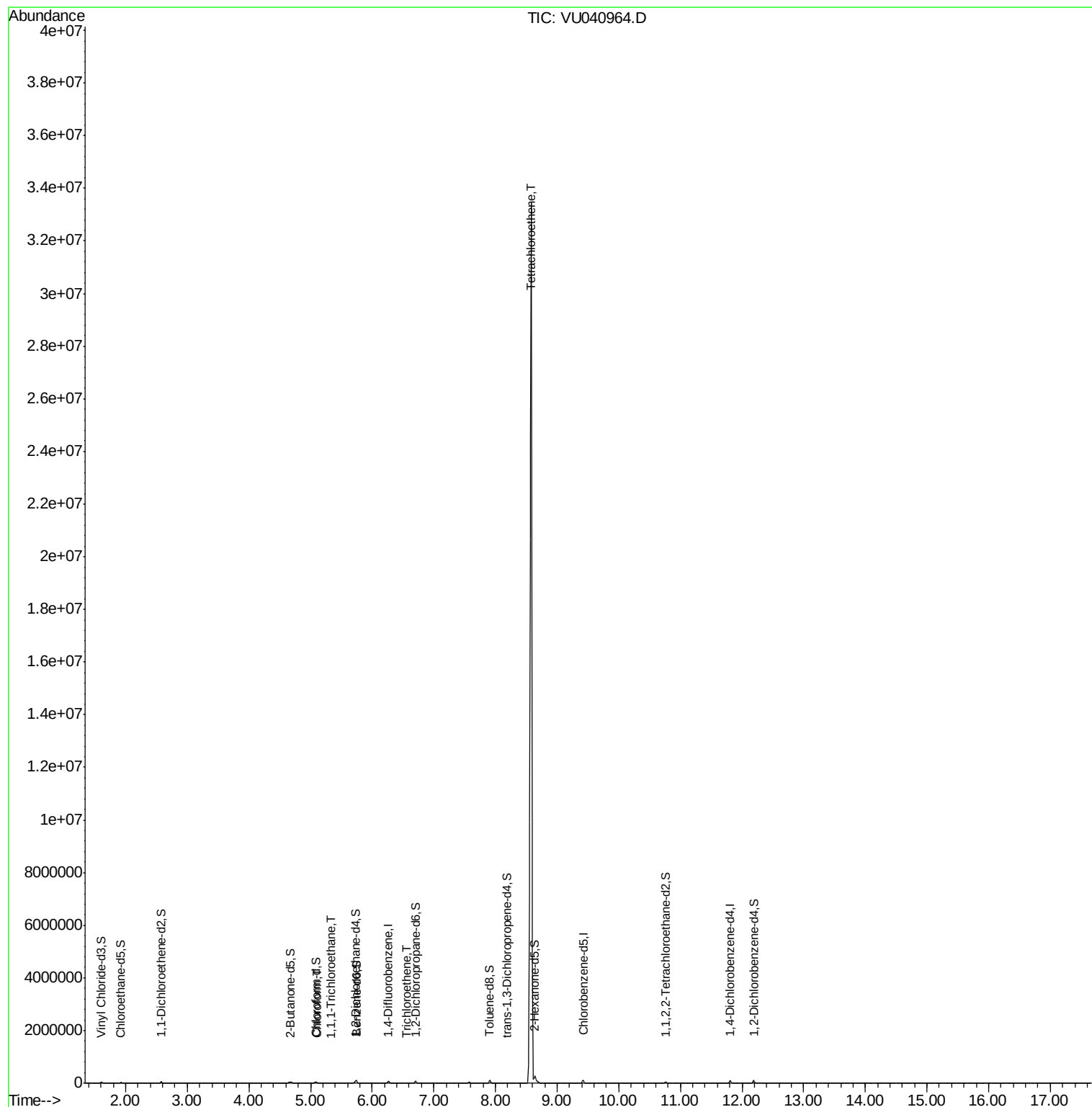
Target Compounds					Ovalue
25) Chloroform	5.11	83	6297	0.754 ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	834	0.112 ug/L #	75
34) Trichloroethene	6.56	95	5686	1.225 ug/L	96
47) Tetrachloroethene	8.58	164	7401668	2169.014 ug/L	90

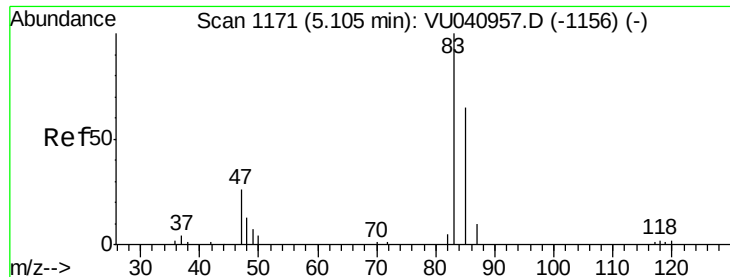
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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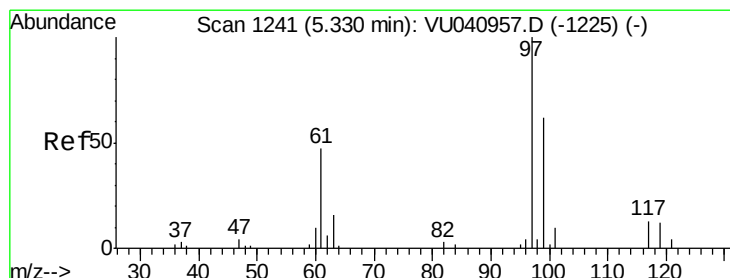
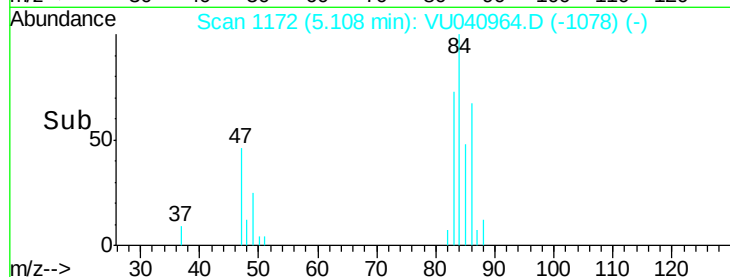
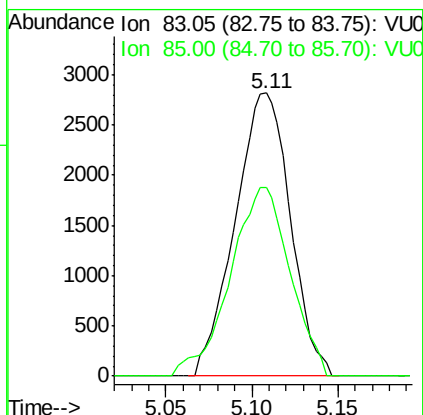
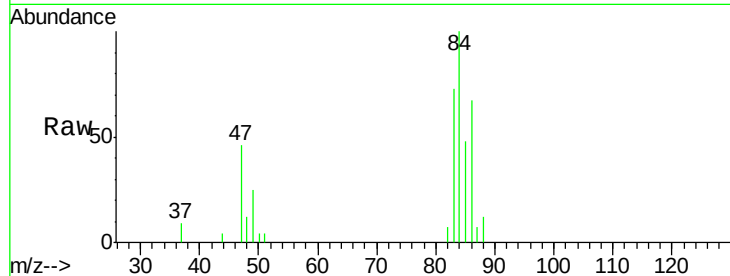




#25
Chloroform
Concen: 0.754 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040964.D
Acq: 27 Oct 2020 00:20

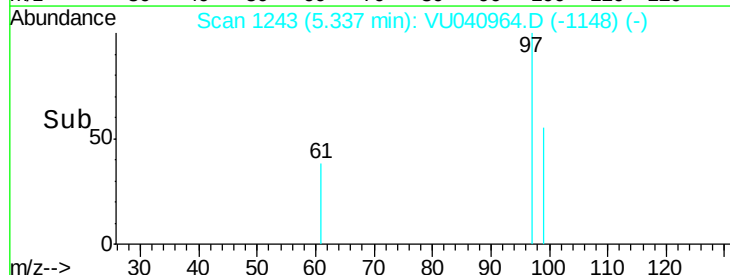
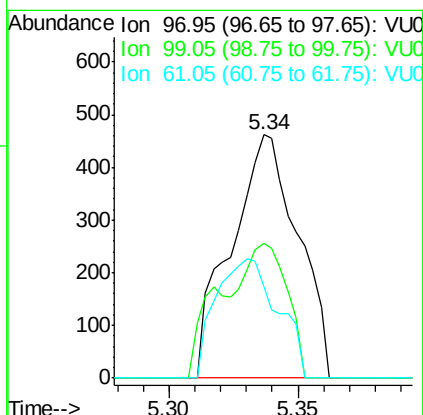
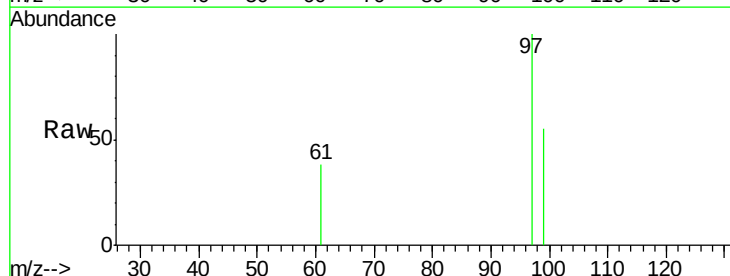
Instrument :
MSVOA_U
ClientSampled :
C0AQ0

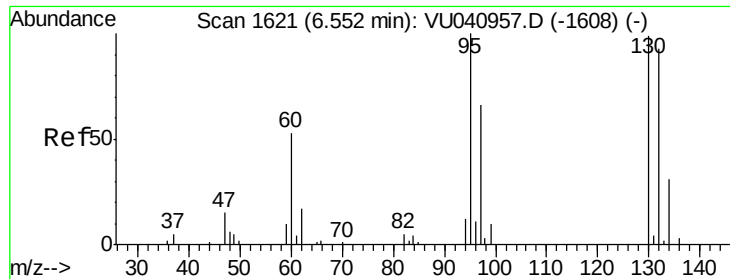
Tot Ion: 83 Resp: 6297
Ion Ratio Lower Upper
83 100
85 66.5 46.1 85.7



#29
1,1,1-Trichloroethane
Concen: 0.112 ug/L
RT: 5.34 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VU040964.D
Acq: 27 Oct 2020 00:20

Tgt Ion: 97 Resp: 834
Ion Ratio Lower Upper
97 100
99 37.2 53.4 80.0#
61 45.1 41.6 62.4





#34

Trichloroethene

Concen: 1.225 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040964.D

Acq: 27 Oct 2020 00:20

Instrument :

MSVOA_U

ClientSampleId :

C0AQ0

Tot Ion: 95 Resp: 5686

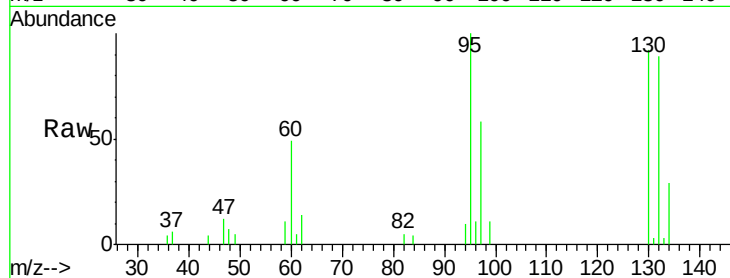
Ion Ratio Lower Upper

95 100

97 57.7 45.6 84.6

132 88.6 64.8 120.4

130 92.4 64.8 120.4

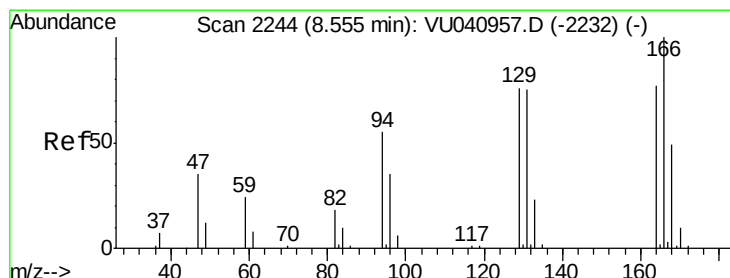
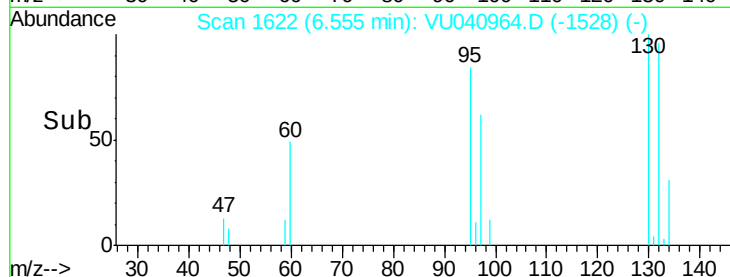
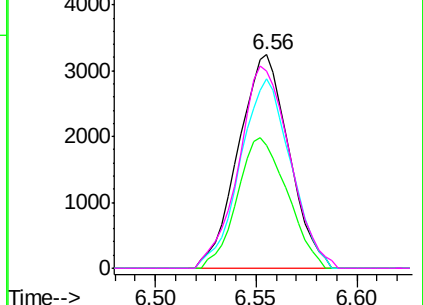


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 2169.014 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. 0.03 min

Lab File: VU040964.D

Acq: 27 Oct 2020 00:20

Tgt Ion:164 Resp: 7401668

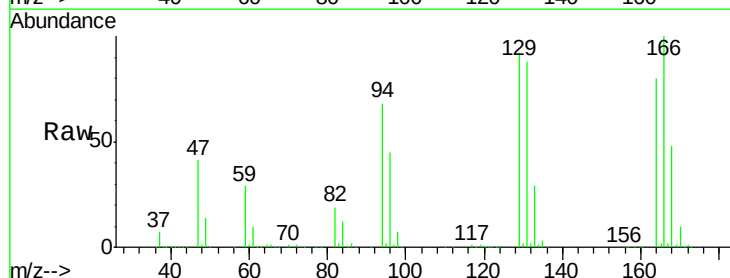
Ion Ratio Lower Upper

164 100

129 116.2 70.3 130.7

131 111.0 70.8 131.4

166 125.6 92.0 170.8



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

