

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110620\
 Data File : VU041123.D
 Acq On : 06 Nov 2020 19:22
 Operator : SY/MD
 Sample : L4648-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB2DL

Quant Time: Nov 07 00:06:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 23:04:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70345	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17594	2.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.60%
7) Chloroethane-d5	1.92	69	15828	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.58	63	28032	2.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.40%#
20) 2-Butanone-d5	4.66	46	77721	39.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.88%
24) Chloroform-d	5.08	84	41382	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.72	65	25504	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	5.74	84	72839	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
36) 1,2-Dichloropropane-d6	6.70	67	25680	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.40%
41) Toluene-d8	7.91	98	60909	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	8.19	79	10081	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.64	63	55984	36.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23202	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	25774	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

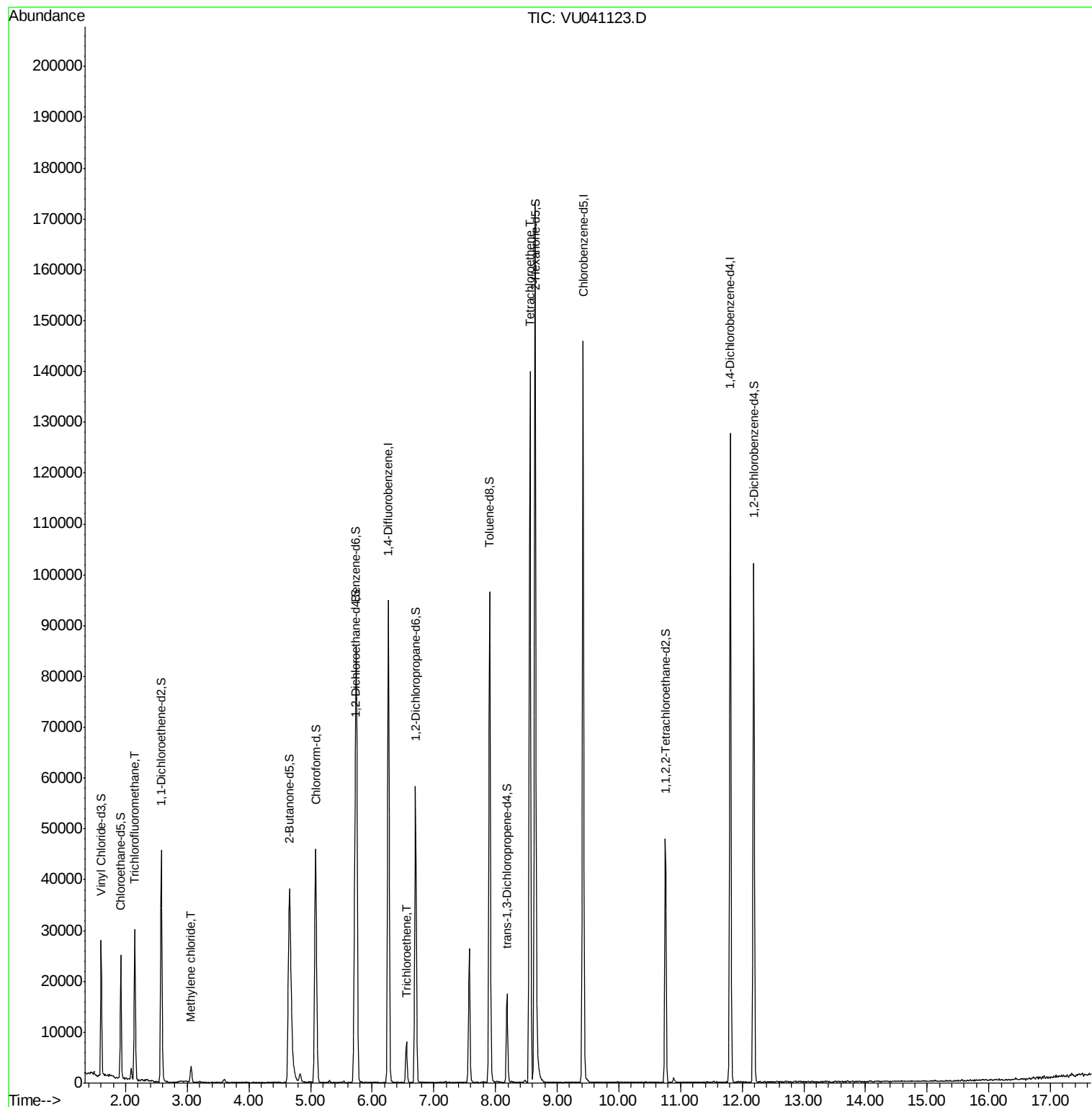
					Ovalue
9) Trichlorofluoromethane	2.15	101	18504	2.061 ug/L	96
16) Methylene chloride	3.06	84	1387	0.240 ug/L	90
34) Trichloroethene	6.56	95	2410	0.421 ug/L	88
47) Tetrachloroethene	8.56	164	28559	6.786 ug/L	97

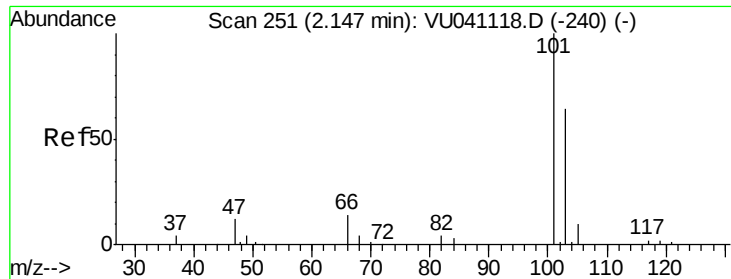
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.061 ug/L

RT: 2.15 min Scan# 252

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

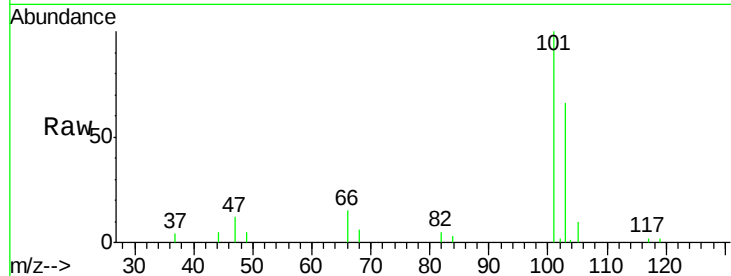
C0AB2DL

Tot Ion:101 Resp: 18504

Ion Ratio Lower Upper

101 100

103 67.1 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.15

15000

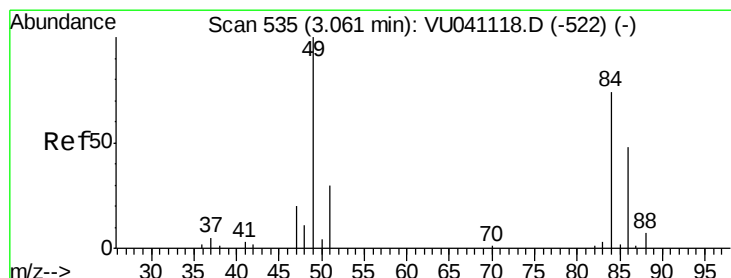
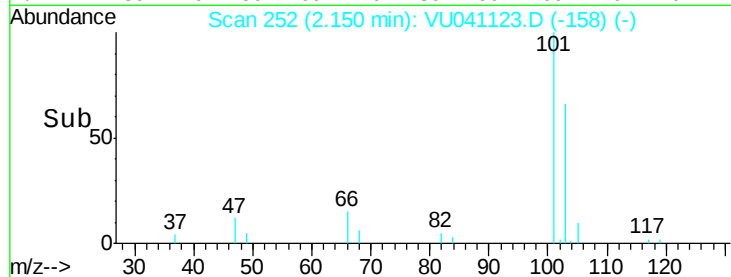
10000

5000

0

Time-->

2.10 2.15 2.20



#16

Methylene chloride

Concen: 0.240 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

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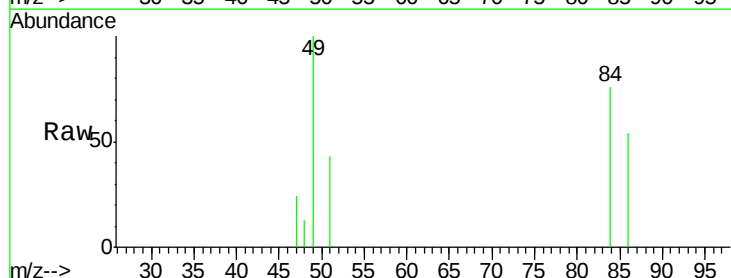
Tgt Ion: 84 Resp: 1387

Ion Ratio Lower Upper

84 100

86 70.8 42.8 79.6

49 131.7 99.5 184.7



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

1500

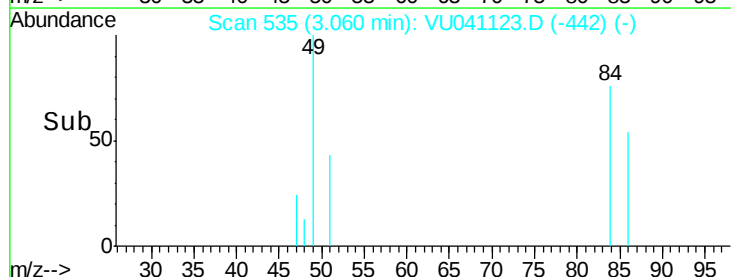
1000

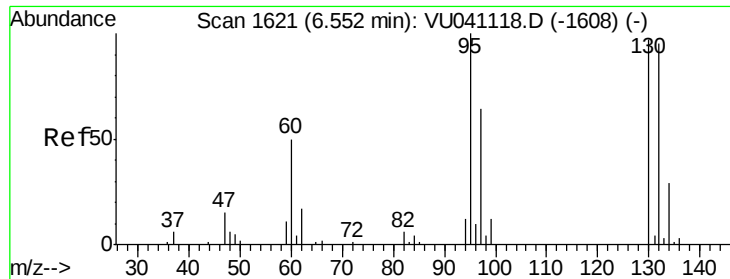
500

0

Time-->

3.05 3.10





#34

Trichloroethene

Concen: 0.421 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041123.D

Acq: 06 Nov 2020 19:22

Instrument :

MSVOA_U

ClientSampleId :

C0AB2DL

Tot Ion: 95 Resp: 2410

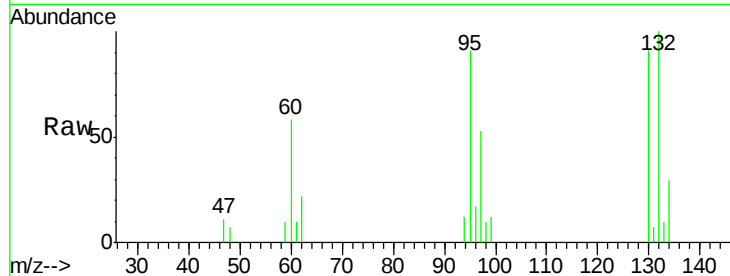
Ion Ratio Lower Upper

95 100

97 58.9 45.6 84.6

132 110.3 64.8 120.4

130 100.7 64.8 120.4

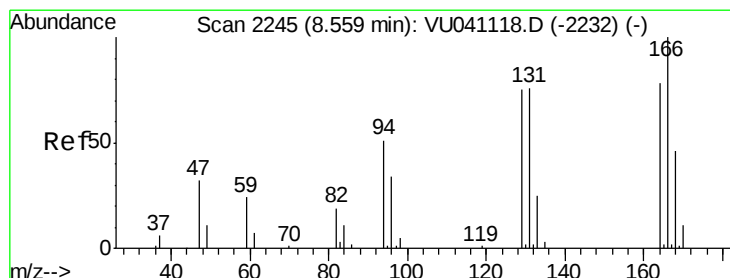
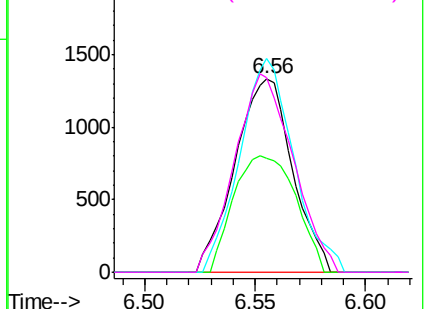
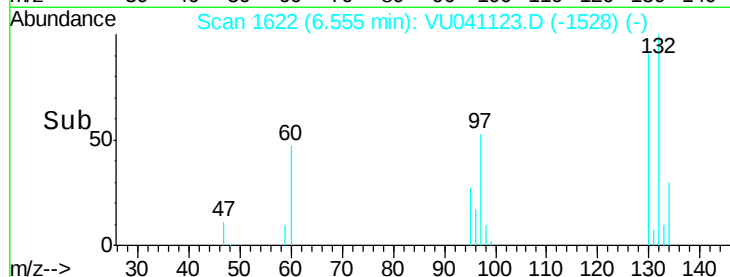


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 6.786 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 28559

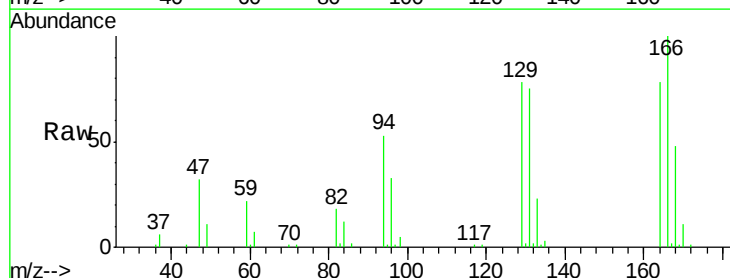
Ion Ratio Lower Upper

164 100

129 99.8 70.3 130.7

131 96.1 70.8 131.4

166 127.7 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

