

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120720\
 Data File : VU041490.D
 Acq On : 07 Dec 2020 13:58
 Operator : SY/MD
 Sample : L4944-03DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP7DL

Quant Time: Dec 08 05:51:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 08 04:32:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59443	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58414	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30718	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9990	3.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.40%
7) Chloroethane-d5	1.92	69	10267	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.58	63	20168	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.65	46	49363	43.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.24%
24) Chloroform-d	5.08	84	33328	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	5.72	65	23498	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.74	84	50807	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
36) 1,2-Dichloropropane-d6	6.70	67	14367	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.60%
41) Toluene-d8	7.90	98	47321	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.19	79	8995	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	36656	39.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	16800	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	23026	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

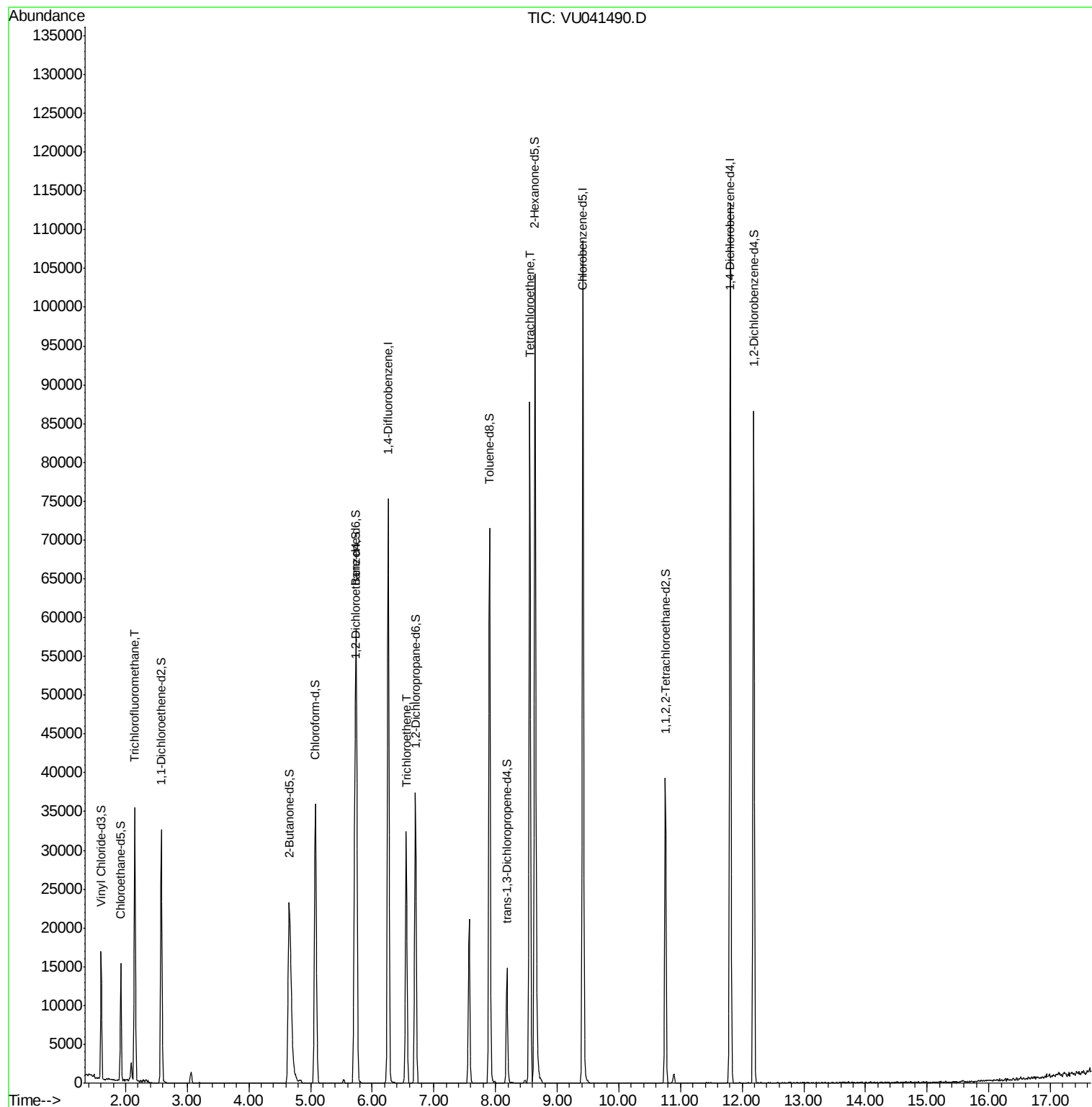
					Ovalue
9) Trichlorofluoromethane	2.15	101	22772	2.520 ug/L	100
34) Trichloroethene	6.55	95	11022	2.526 ug/L	97
47) Tetrachloroethene	8.56	164	18291	5.307 ug/L	95

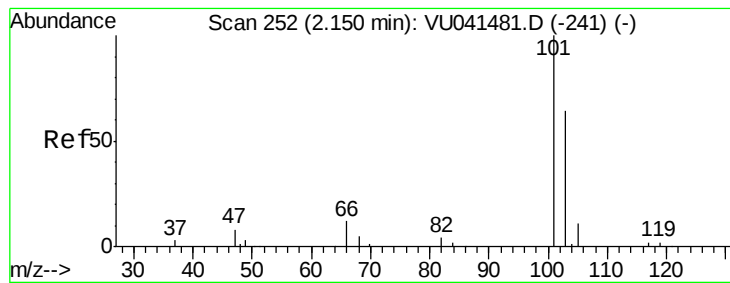
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.520 ug/L

RT: 2.15 min Scan# 252

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

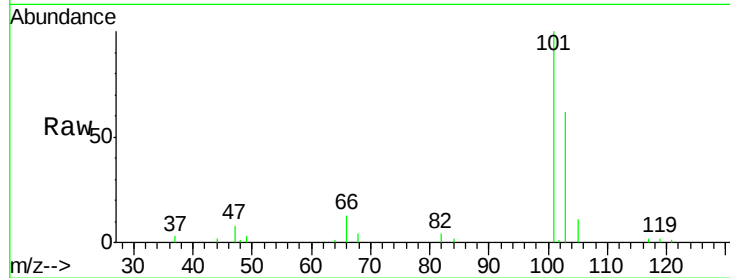
C0AP7DL

Tot Ion:101 Resp: 22772

Ion Ratio Lower Upper

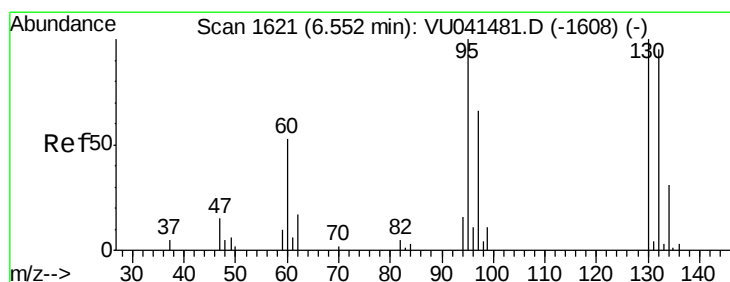
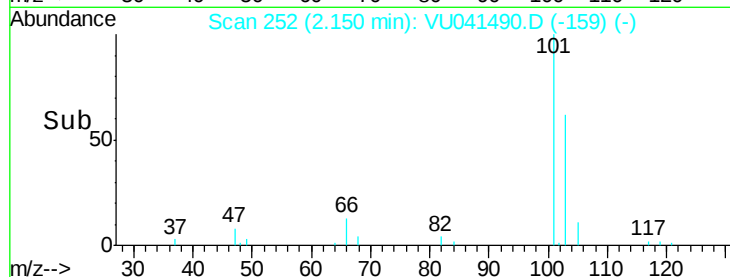
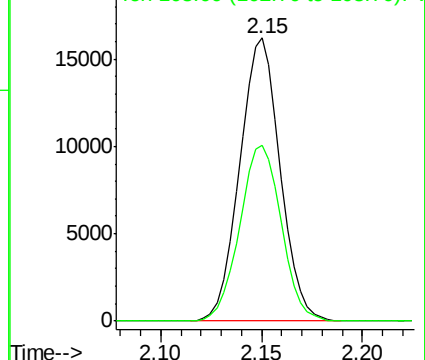
101 100

103 63.9 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 2.526 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 11022

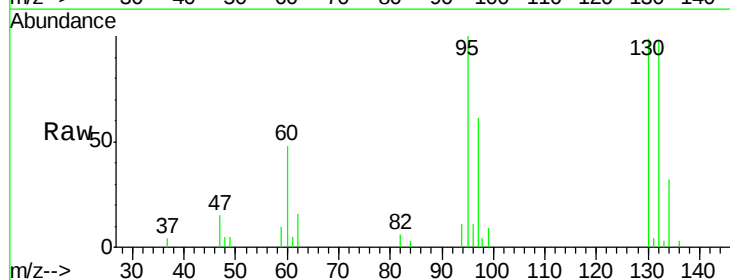
Ion Ratio Lower Upper

95 100

97 61.1 44.7 83.1

132 98.2 65.7 121.9

130 98.7 68.8 127.8

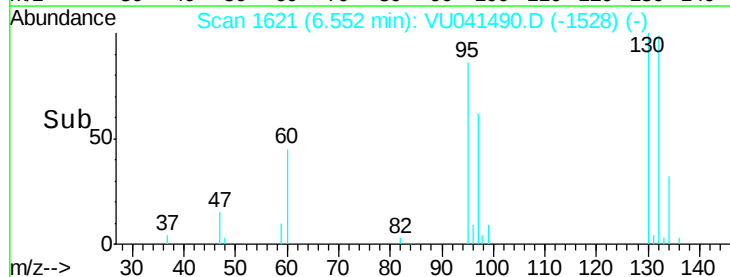
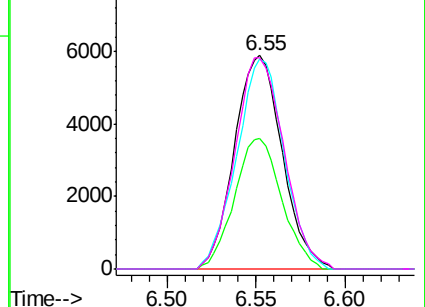


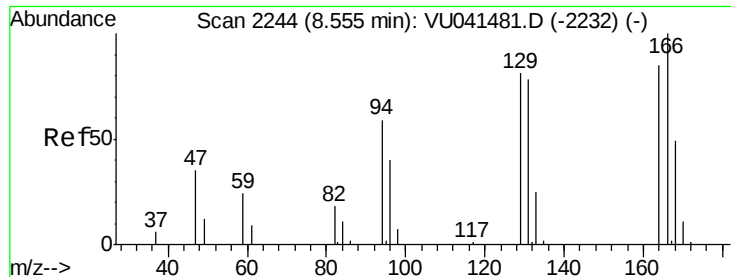
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.307 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 18291

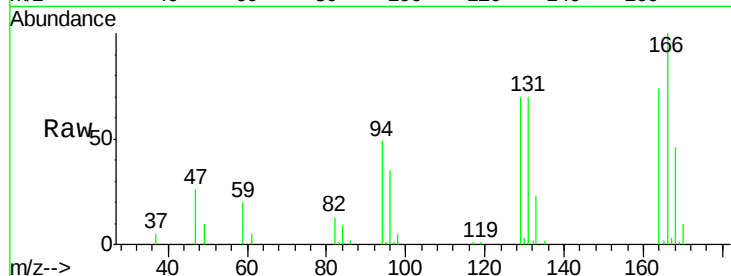
Ion Ratio Lower Upper

164 100

129 95.0 67.1 124.7

131 94.9 63.3 117.7

166 135.5 88.8 164.8



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

