

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120720\
 Data File : VU041486.D
 Acq On : 07 Dec 2020 12:16
 Operator : SY/MD
 Sample : L4944-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP6

Quant Time: Dec 08 05:43:27 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	60189	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59190	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31964	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9656	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.92	69	8993	3.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.40%
11) 1,1-Dichloroethene-d2	2.58	63	17803	2.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.60%#
20) 2-Butanone-d5	4.65	46	41991	36.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.44%
24) Chloroform-d	5.08	84	30333	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
26) 1,2-Dichloroethane-d4	5.72	65	20949	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
32) Benzene-d6	5.74	84	46122	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.00%
36) 1,2-Dichloropropane-d6	6.70	67	13038	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.60%
41) Toluene-d8	7.90	98	40125	3.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.20%#
43) trans-1,3-Dichloropropene-	8.19	79	7912	3.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.20%
46) 2-Hexanone-d5	8.64	63	32982	34.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	14683	3.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	21255	3.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.80%#

Target Compounds

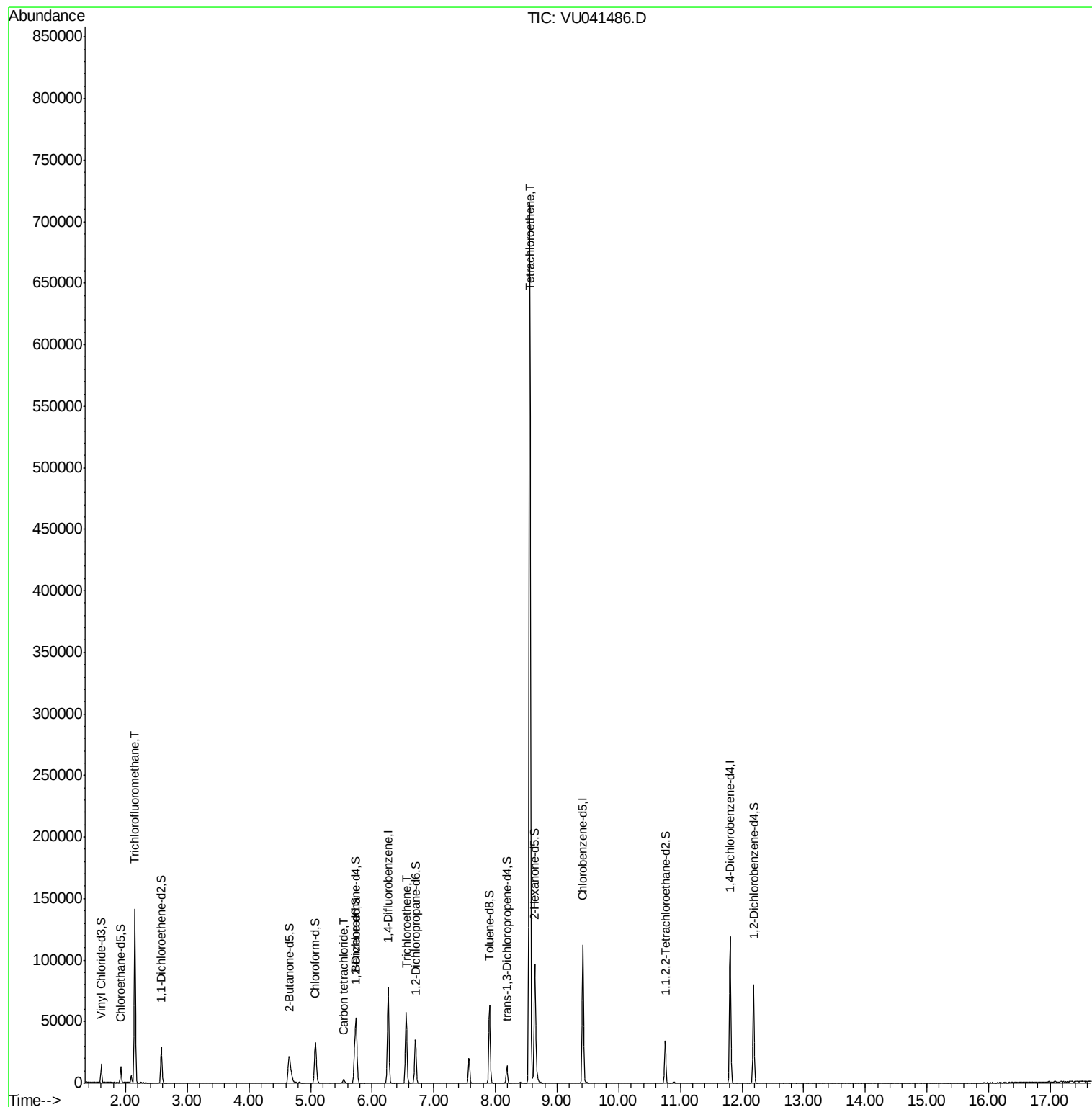
					Ovalue
9) Trichlorofluoromethane	2.15	101	92692	10.131 ug/L	98
31) Carbon tetrachloride	5.54	117	2239	0.285 ug/L	98
34) Trichloroethene	6.55	95	18912	4.277 ug/L	98
47) Tetrachloroethene	8.56	164	145547	41.674 ug/L	97

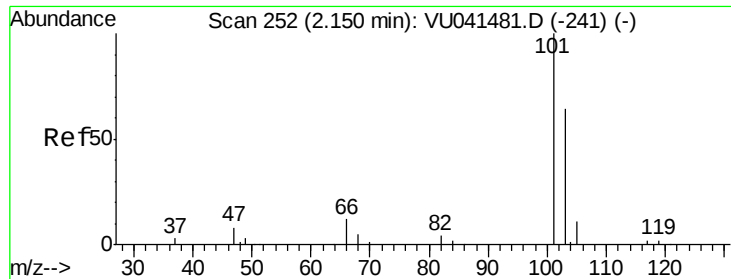
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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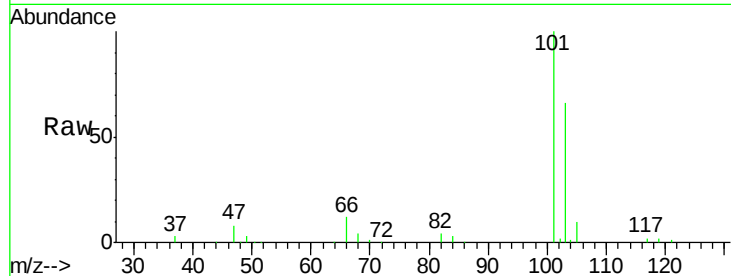


#9

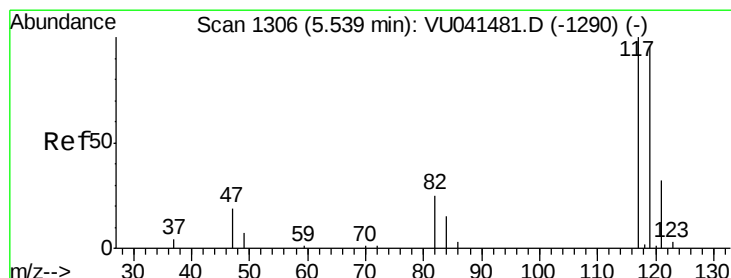
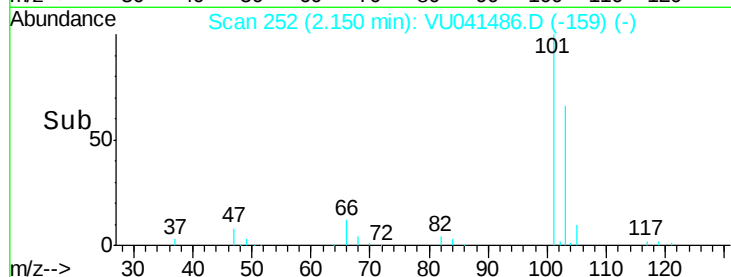
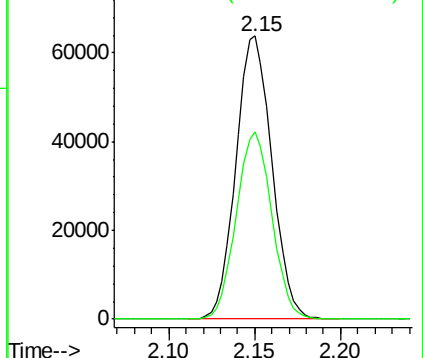
Trichlorofluoromethane
Concen: 10.131 ug/L
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU041486.D
Acq: 07 Dec 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
C0AP6

Tot Ion:101 Resp: 92692
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0



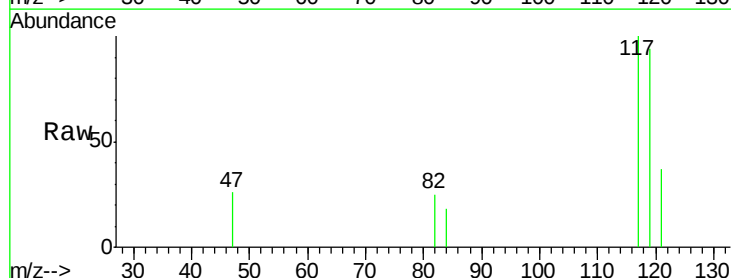
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



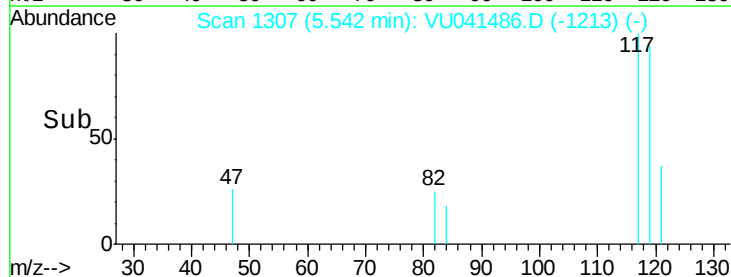
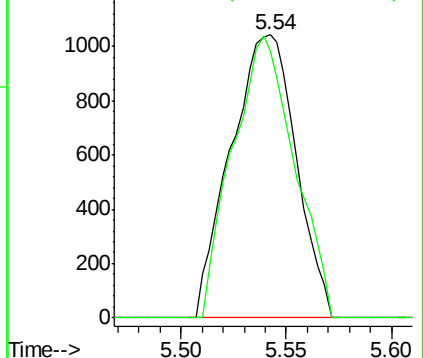
#31

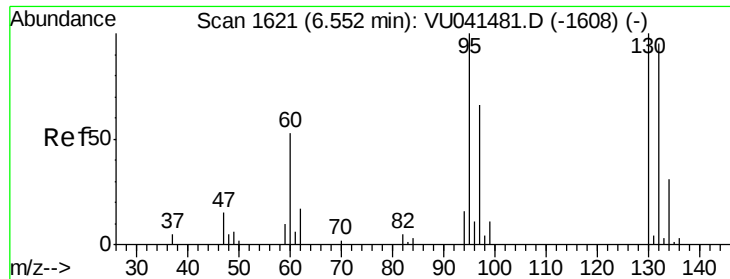
Carbon tetrachloride
Concen: 0.285 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VU041486.D
Acq: 07 Dec 2020 12:16

Tgt Ion:117 Resp: 2239
Ion Ratio Lower Upper
117 100
119 94.1 77.2 115.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

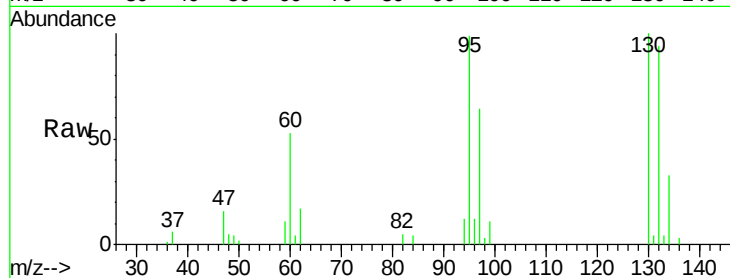




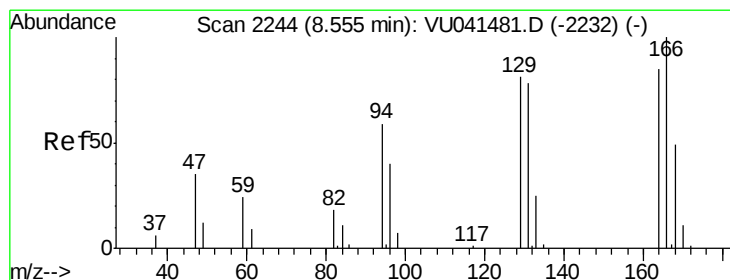
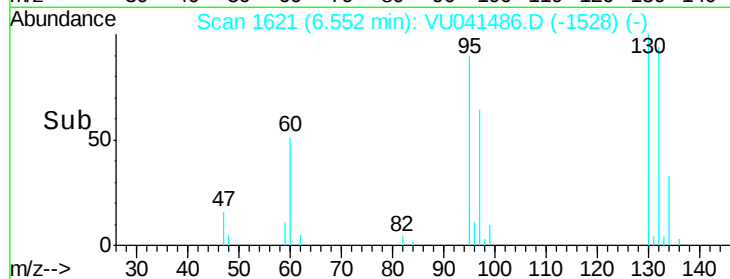
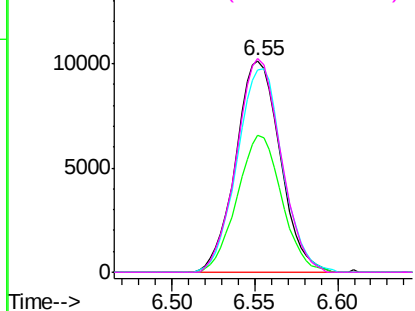
#34
 Trichloroethene
 Concen: 4.277 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041486.D
 Acq: 07 Dec 2020 12:16

Instrument :
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 ClientSampleId :
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Tot Ion: 95 Resp: 18912
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.7 83.1
 132 95.4 65.7 121.9
 130 101.0 68.8 127.8

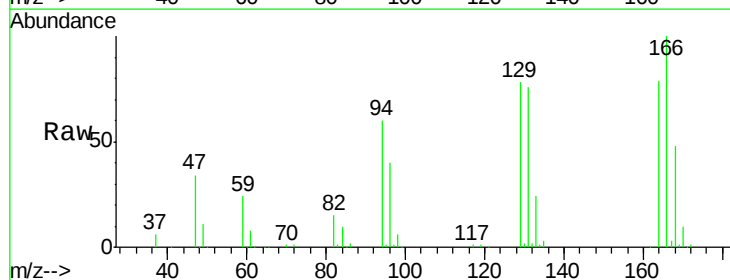


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 41.674 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU041486.D
 Acq: 07 Dec 2020 12:16

Tgt Ion: 164 Resp: 145547
 Ion Ratio Lower Upper
 164 100
 129 99.6 67.1 124.7
 131 96.4 63.3 117.7
 166 127.3 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

