

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\
 Data File : VU041636.D
 Acq On : 15 Dec 2020 15:07
 Operator : SY/MD
 Sample : L5027-10 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J1

Quant Time: Dec 16 04:20:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 16 02:41:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108299	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47665	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29796	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.92	69	29668	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.58	63	50528	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.66	46	147039	60.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.92%
24) Chloroform-d	5.08	84	74455	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.72	65	45604	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.74	84	137145	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.70	67	46148	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.90	98	120760	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.19	79	19381	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	112309	48.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47738	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	47239	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

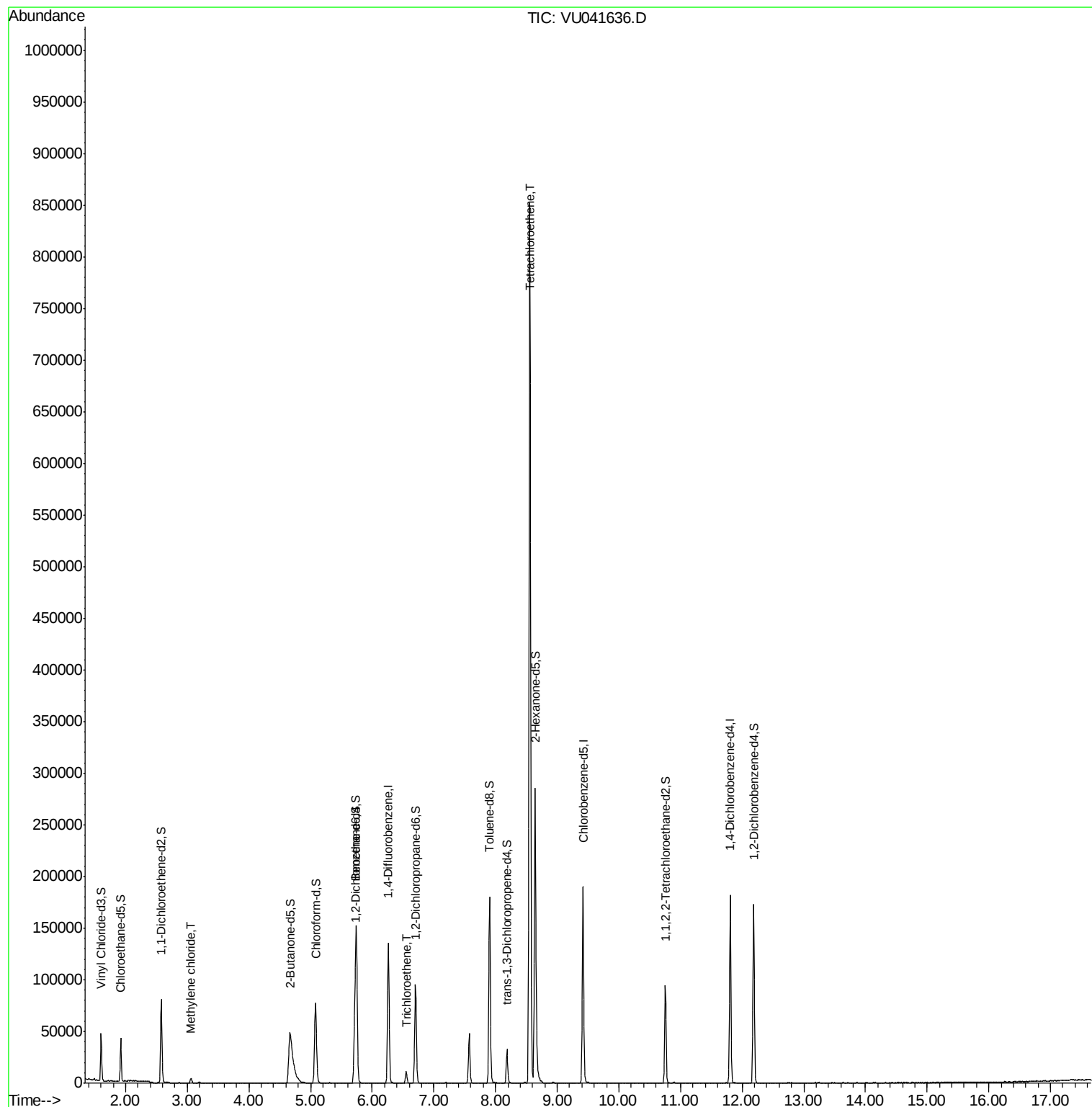
					Ovalue
16) Methylene chloride	3.06	84	2519	0.287 ug/L	80
34) Trichloroethene	6.56	95	3569	0.422 ug/L	92
47) Tetrachloroethene	8.56	164	185545	31.321 ug/L	99

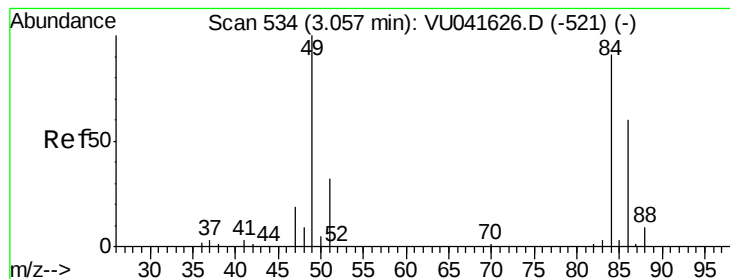
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.287 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

GB1J1

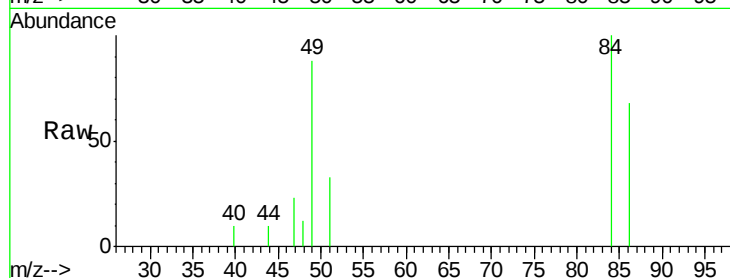
Tot Ion: 84 Resp: 2519

Ion Ratio Lower Upper

84 100

86 67.9 45.1 83.7

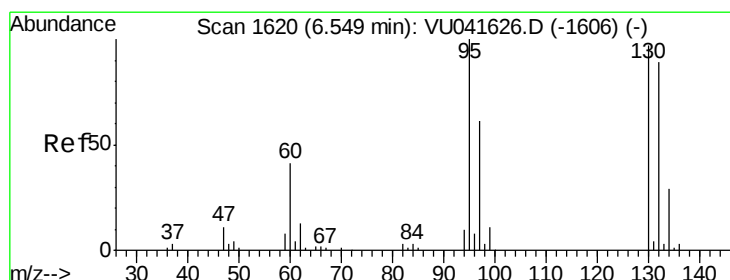
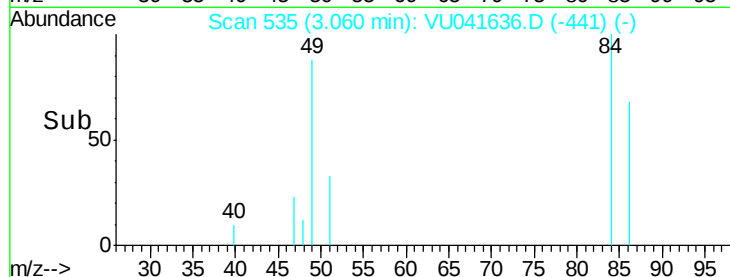
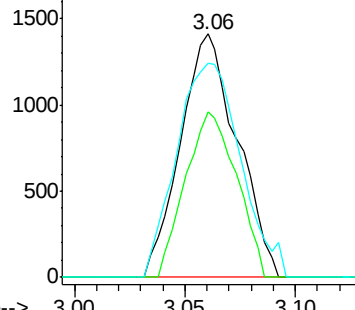
49 87.7 83.1 154.3



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



#34

Trichloroethene

Concen: 0.422 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU041636.D

Acq: 15 Dec 2020 15:07

Tgt Ion: 95 Resp: 3569

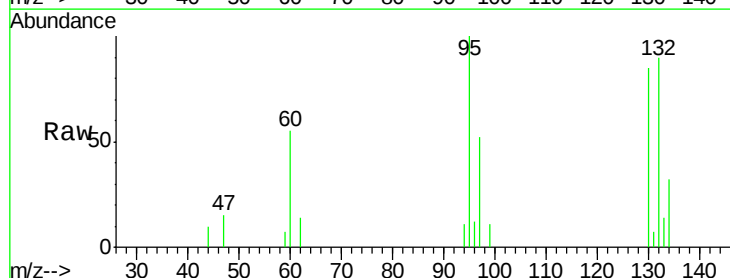
Ion Ratio Lower Upper

95 100

97 51.8 43.9 81.5

132 90.2 63.1 117.3

130 85.2 67.4 125.2

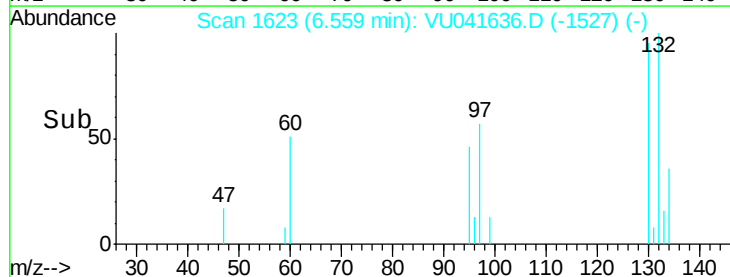
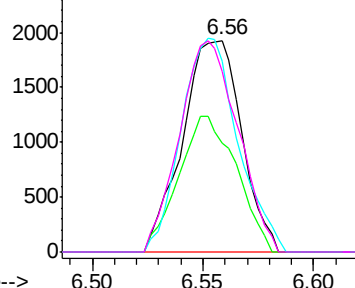


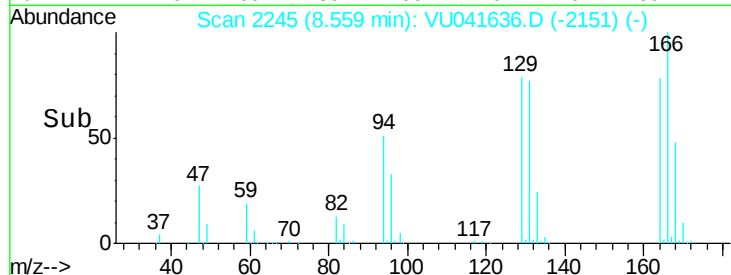
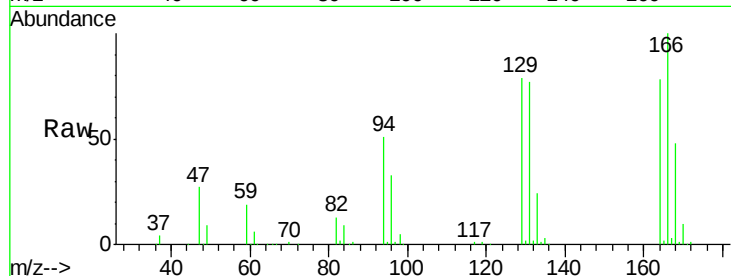
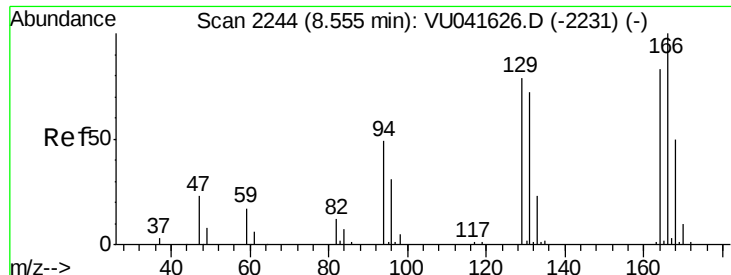
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 31.321 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

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GB1J1

Tot Ion:164 Resp: 185545

Ion Ratio Lower Upper

164 100

129 102.1 72.2 134.0

131 98.4 66.9 124.3

166 128.5 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

