

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122120\
 Data File : VU041706.D
 Acq On : 21 Dec 2020 17:29
 Operator : SY/MD
 Sample : L5162-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB255

Quant Time: Dec 22 05:23:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 02:49:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124263	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	42140	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.92	69	40301	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.58	63	57525	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.65	46	171417	61.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.86%
24) Chloroform-d	5.08	84	92202	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.72	65	51290	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.74	84	167333	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	56638	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.90	98	137794	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.18	79	22867	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	144688	55.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50936	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	49956	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

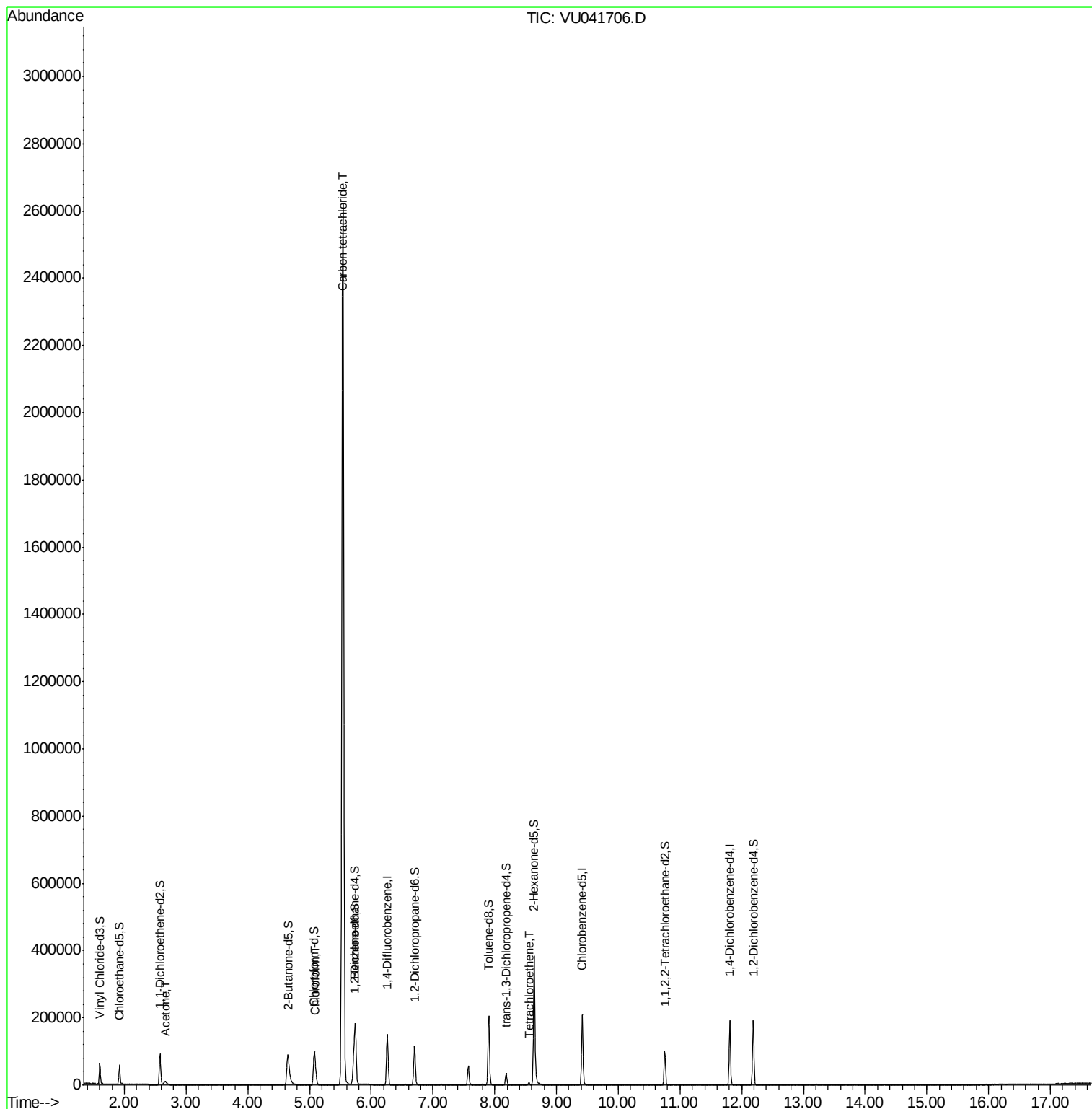
					Ovalue
13) Acetone	2.66	43	23893	13.461 ug/L	90
25) Chloroform	5.10	83	14551	0.887 ug/L	92
31) Carbon tetrachloride	5.54	117	1814555	154.644 ug/L	99
47) Tetrachloroethene	8.56	164	1766	0.266 ug/L	83

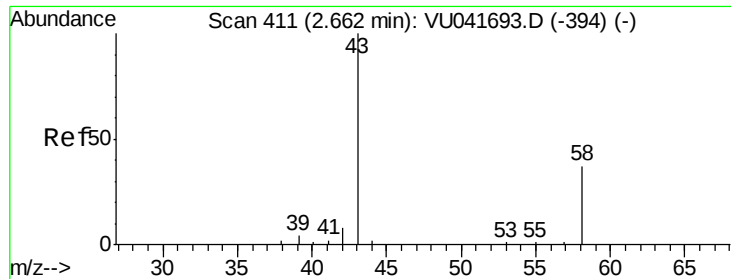
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.461 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

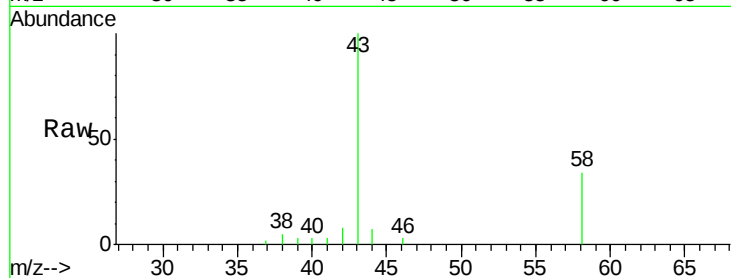
GB255

Tot Ion: 43 Resp: 23893

Ion Ratio Lower Upper

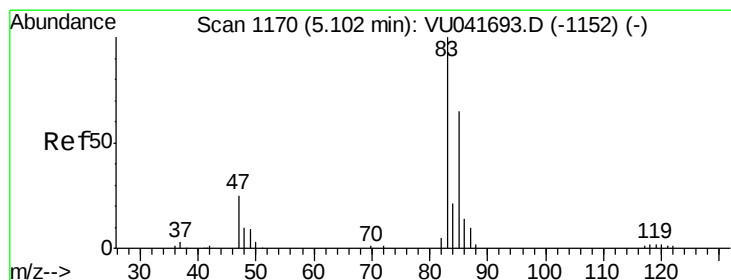
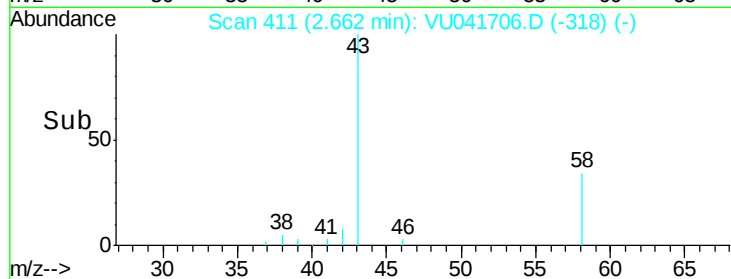
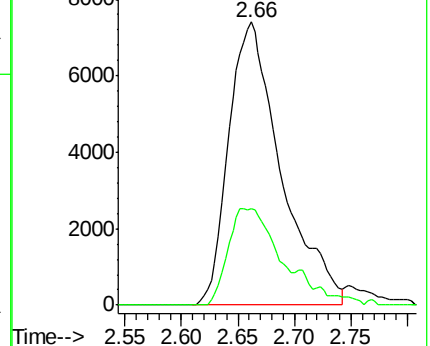
43 100

58 30.5 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.887 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

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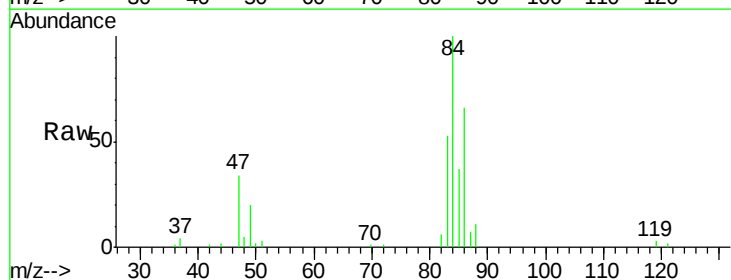
Acq: 21 Dec 2020 17:29

Tgt Ion: 83 Resp: 14551

Ion Ratio Lower Upper

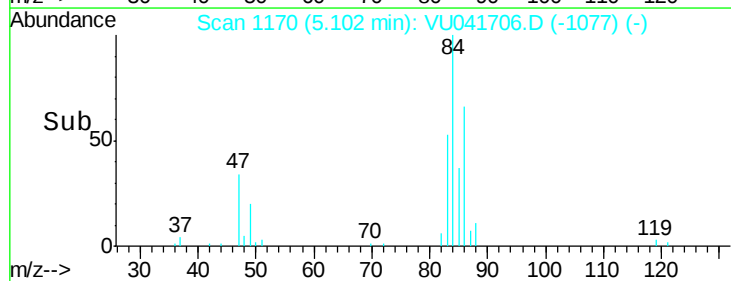
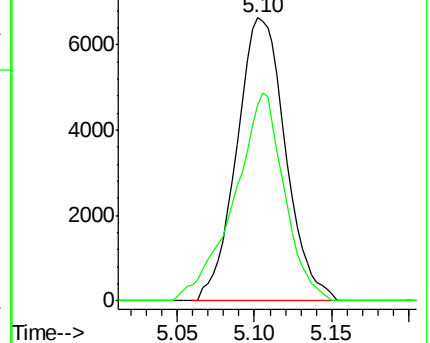
83 100

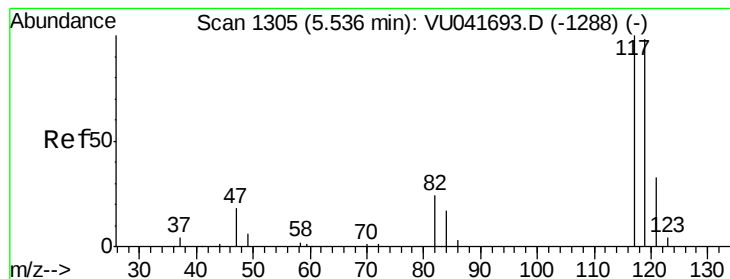
85 69.4 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#31

Carbon tetrachloride

Concen: 154.644 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

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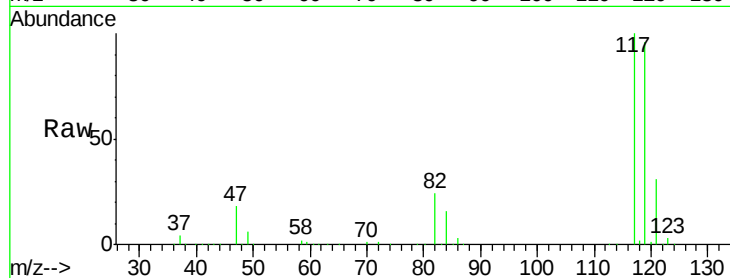
GB255

Tot Ion:117 Resp: 1814555

Ion Ratio Lower Upper

117 100

119 96.7 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.54

800000

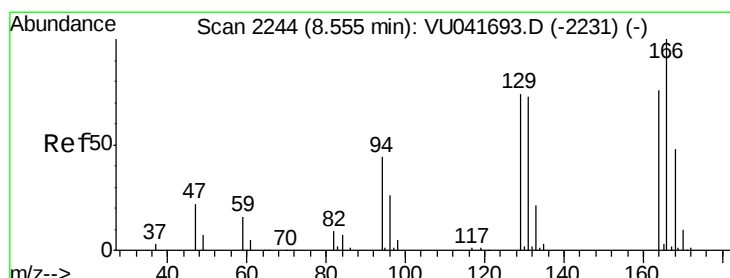
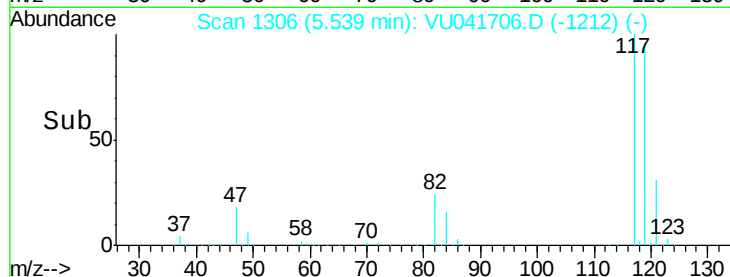
600000

400000

200000

0

Time--> 5.40 5.50 5.60



#47

Tetrachloroethene

Concen: 0.266 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041706.D

Acq: 21 Dec 2020 17:29

Tgt Ion:164 Resp: 1766

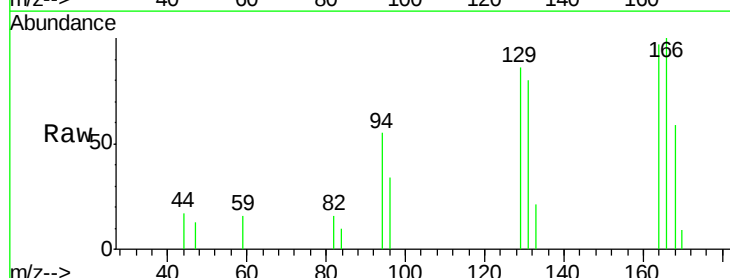
Ion Ratio Lower Upper

164 100

129 89.1 72.2 134.0

131 82.8 66.9 124.3

166 103.3 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

2000

1500

1000

500

0

Time--> 8.50 8.55 8.60

