

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041751.D
 Acq On : 22 Dec 2020 19:13
 Operator : SY/MD
 Sample : L5161-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB233

Quant Time: Dec 23 06:01:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127383	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33172	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.92	69	37994	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	59015	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.66	46	161025	56.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.58%
24) Chloroform-d	5.08	84	81243	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	49172	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.74	84	153715	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	52513	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.90	98	126042	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.19	79	20832	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.64	63	140048	52.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52154	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	50514	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

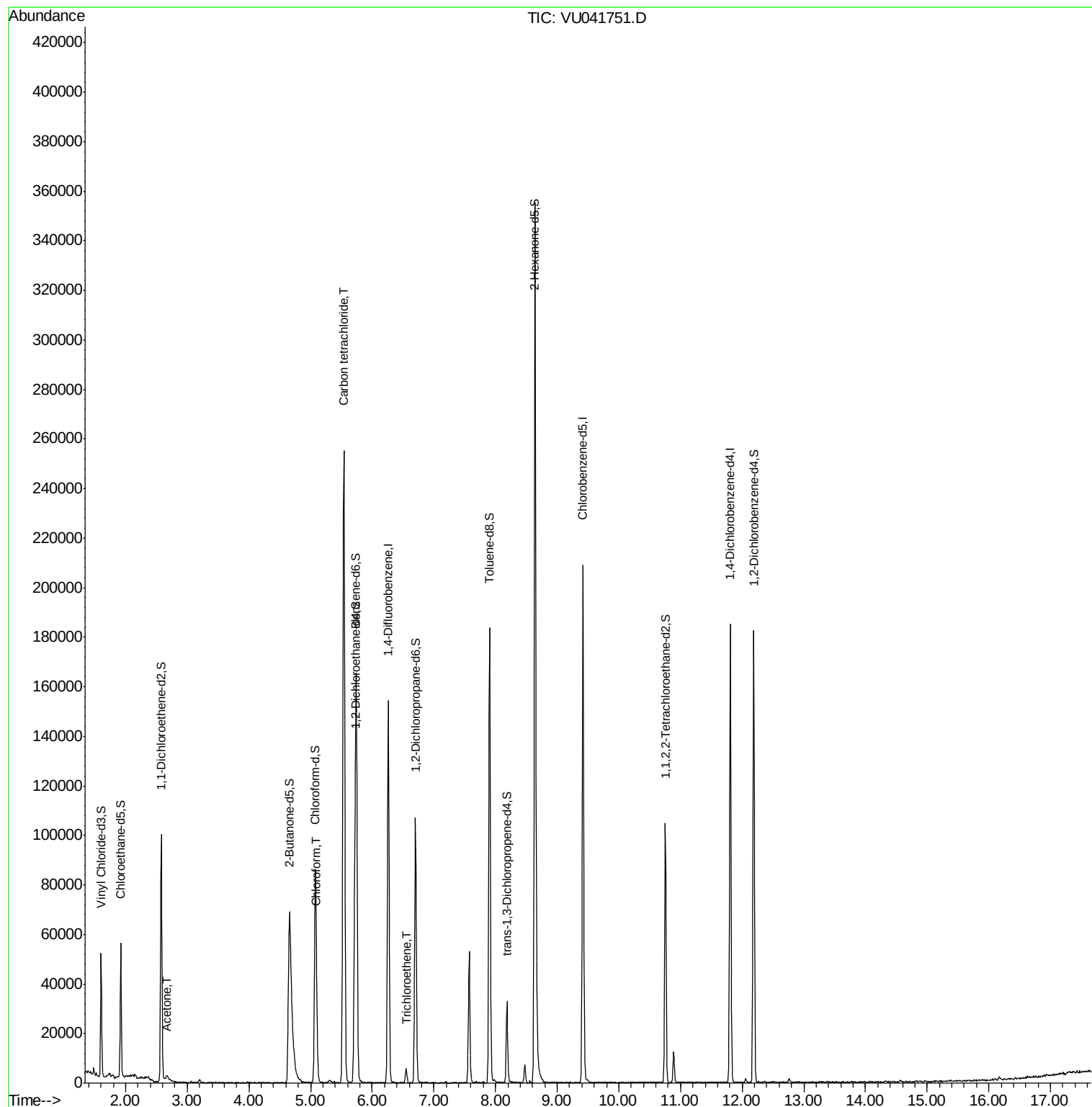
					Ovalue
13) Acetone	2.67	43	4669	2.566 ug/L	50
25) Chloroform	5.11	83	5798	0.345 ug/L	92
31) Carbon tetrachloride	5.54	117	179429	14.923 ug/L	99
34) Trichloroethene	6.55	95	1742	0.179 ug/L #	85

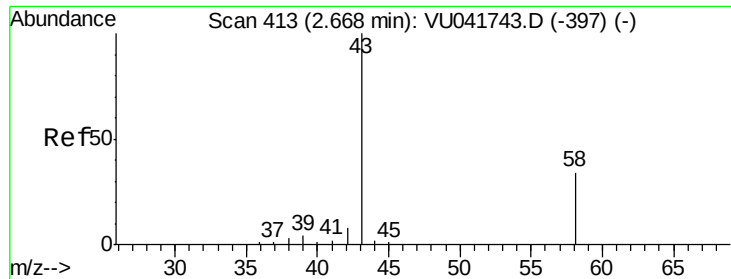
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.566 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU041751.D

Acq: 22 Dec 2020 19:13

Instrument :

MSVOA_U

ClientSampled :

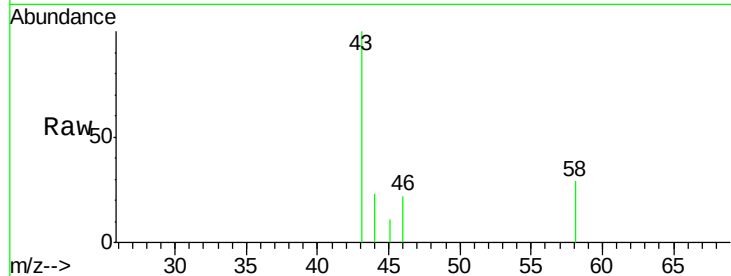
GB233

Tot Ion: 43 Resp: 4669

Ion Ratio Lower Upper

43 100

58 7.3 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041751.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU041751.D (-320) (-)

2.67

1500

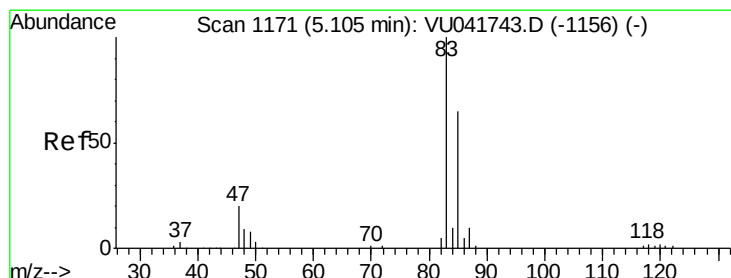
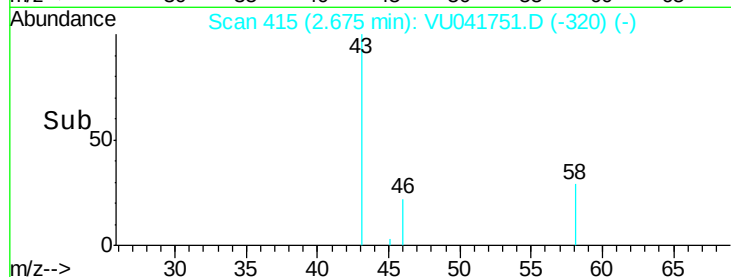
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#25

Chloroform

Concen: 0.345 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041751.D

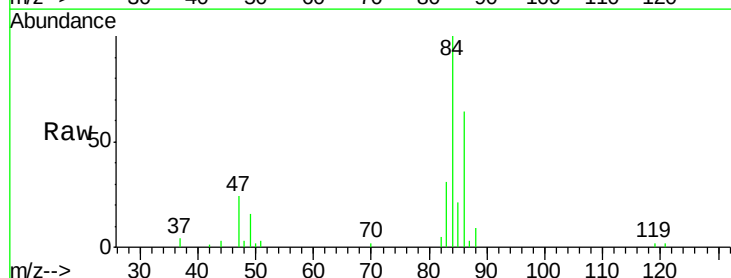
Acq: 22 Dec 2020 19:13

Tgt Ion: 83 Resp: 5798

Ion Ratio Lower Upper

83 100

85 69.2 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU041751.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU041751.D (-1078) (-)

5.11

3000

2500

2000

1500

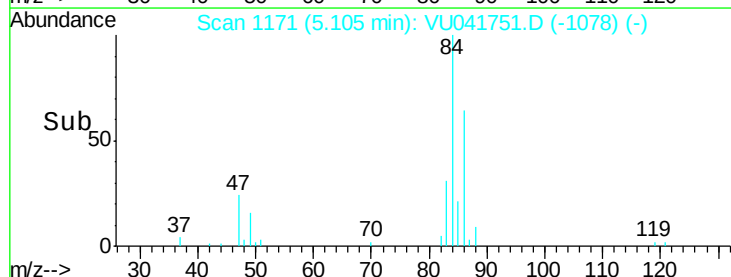
1000

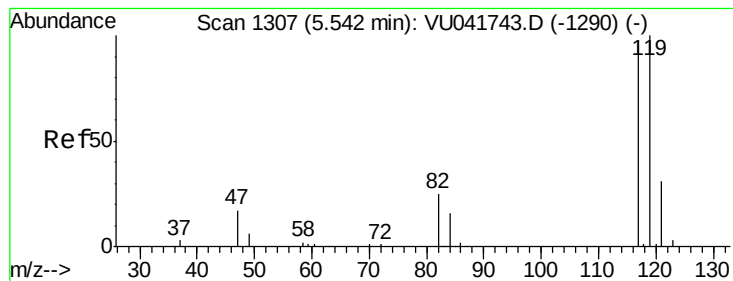
500

0

5.05 5.10 5.15

Time-->





#31

Carbon tetrachloride

Concen: 14.923 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU041751.D

Acq: 22 Dec 2020 19:13

Instrument :

MSVOA_U

ClientSampleId :

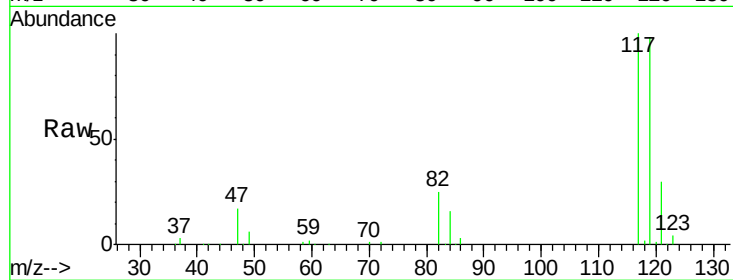
GB233

Tot Ion:117 Resp: 179429

Ion Ratio Lower Upper

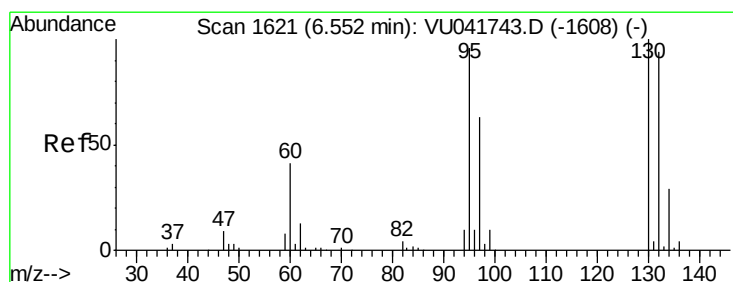
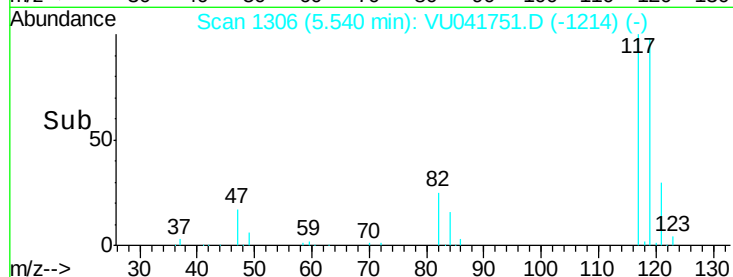
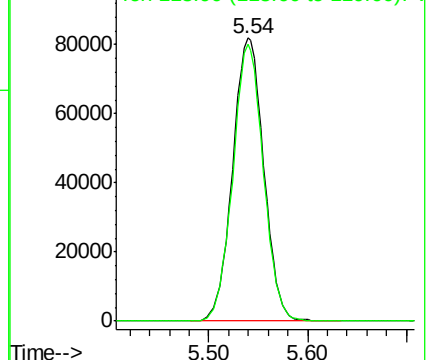
117 100

119 95.9 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.179 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041751.D

Acq: 22 Dec 2020 19:13

Tgt Ion: 95 Resp: 1742

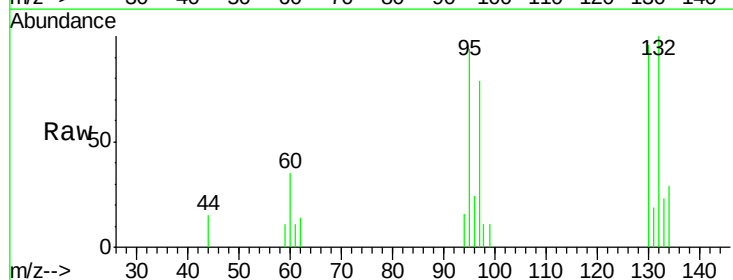
Ion Ratio Lower Upper

95 100

97 83.9 43.9 81.5#

132 106.2 63.1 117.3

130 102.0 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

