

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101220\
 Data File : VU040660.D
 Acq On : 12 Oct 2020 15:24
 Operator : SY/MD
 Sample : L4345-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY2

Quant Time: Oct 13 05:30:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44841	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.92	69	39319	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.58	63	67514	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.66	46	174682	56.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.96%
24) Chloroform-d	5.08	84	90270	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.72	65	55218	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.75	84	159782	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.70	67	56918	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.91	98	130458	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	22080	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.64	63	120286	51.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49142	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52699	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

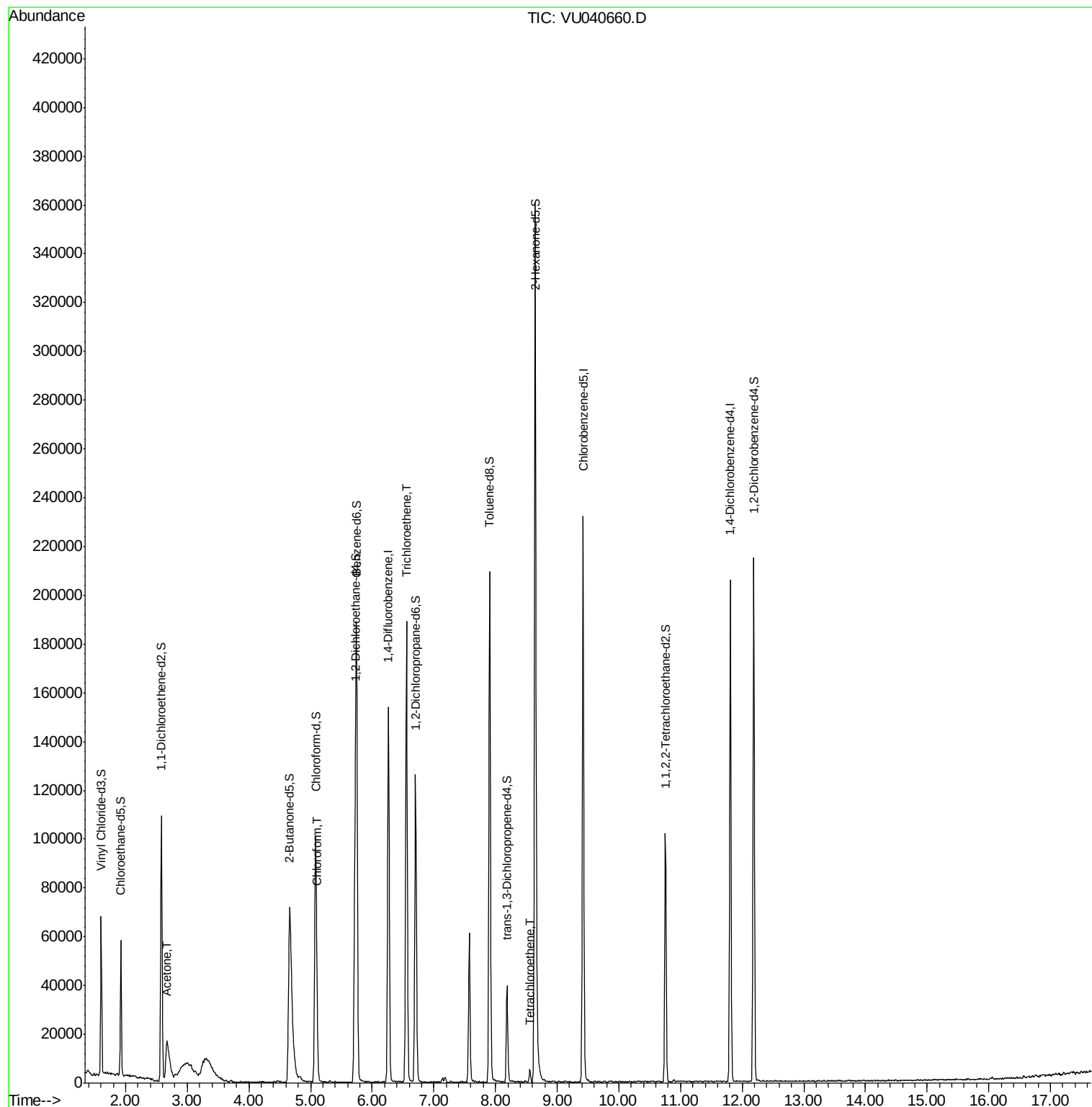
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	48434	20.204	ug/L	62
25) Chloroform	5.11	83	7016	0.381	ug/L	89
34) Trichloroethene	6.56	95	62426	6.251	ug/L	97
47) Tetrachloroethene	8.56	164	1070	0.150	ug/L	88

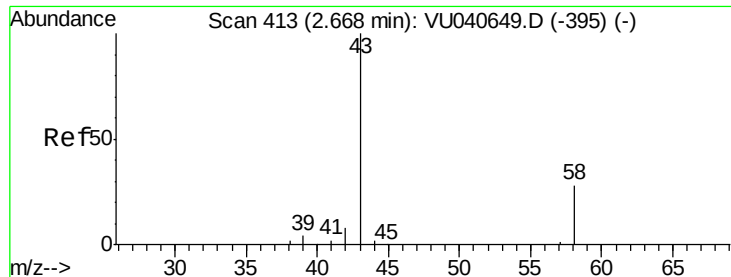
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.204 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU040660.D

Acq: 12 Oct 2020 15:24

Instrument :

MSVOA_U

ClientSampleId :

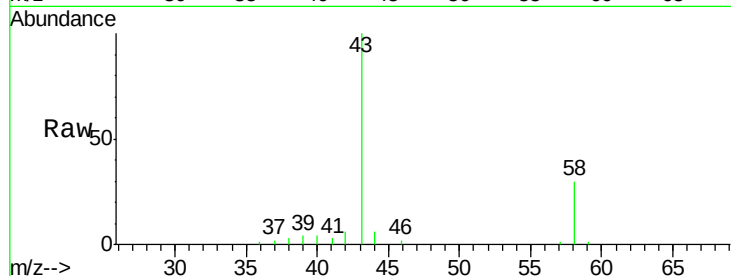
YAQY2

Tot Ion: 43 Resp: 48434

Ion Ratio Lower Upper

43 100

58 9.7 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040649.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040649.D (-395) (-)

2.67

12000

10000

8000

6000

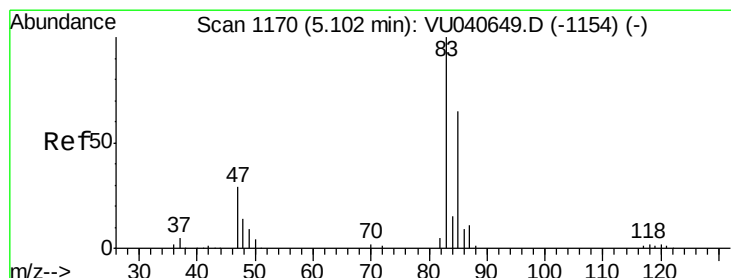
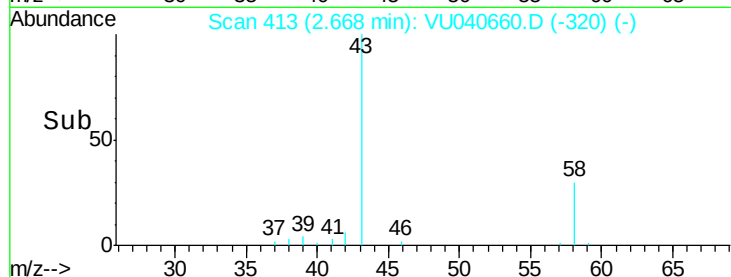
4000

2000

0

Time-->

2.60 2.70 2.80



#25

Chloroform

Concen: 0.381 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU040660.D

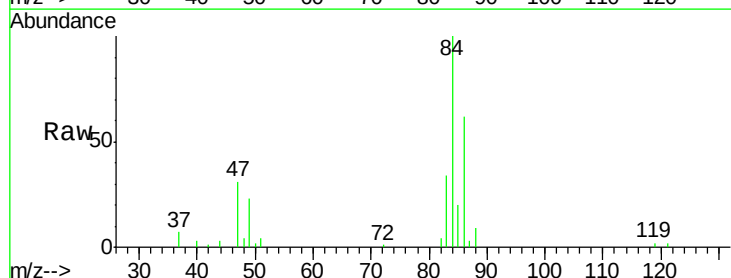
Acq: 12 Oct 2020 15:24

Tgt Ion: 83 Resp: 7016

Ion Ratio Lower Upper

83 100

85 57.6 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040649.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU040649.D (-1154) (-)

5.11

3000

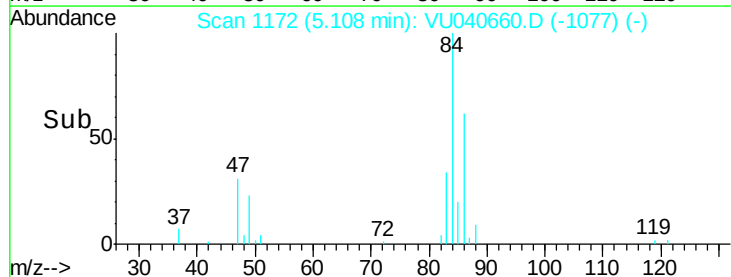
2000

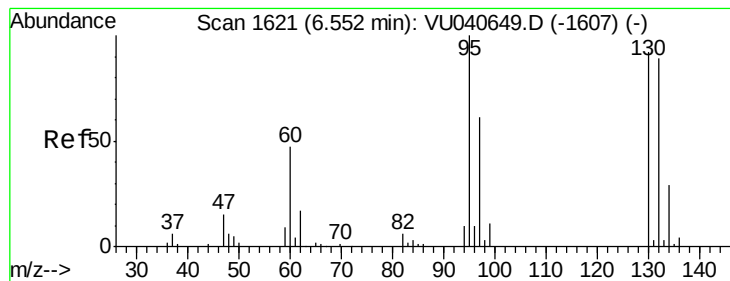
1000

0

Time-->

5.05 5.10 5.15





#34

Trichloroethene

Concen: 6.251 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040660.D

Acq: 12 Oct 2020 15:24

Instrument :

MSVOA_U

ClientSampleId :

YAQY2

Tot Ion: 95 Resp: 62426

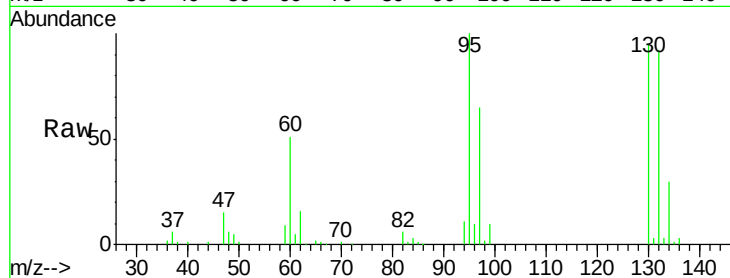
Ion Ratio Lower Upper

95 100

97 64.8 45.5 84.5

132 92.1 67.5 125.4

130 95.3 69.9 129.9

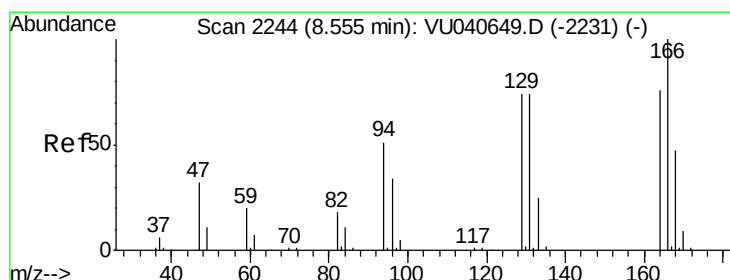
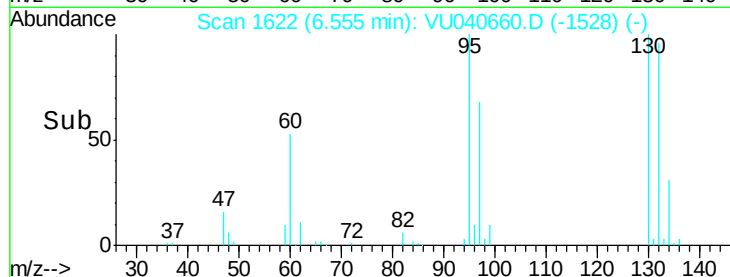
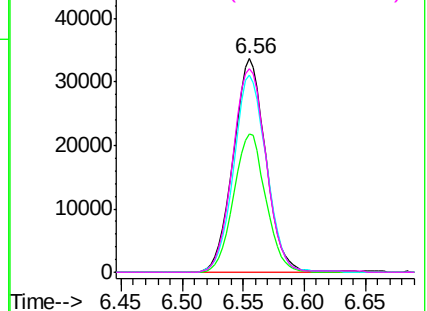


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.150 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040660.D

Acq: 12 Oct 2020 15:24

Tgt Ion:164 Resp: 1070

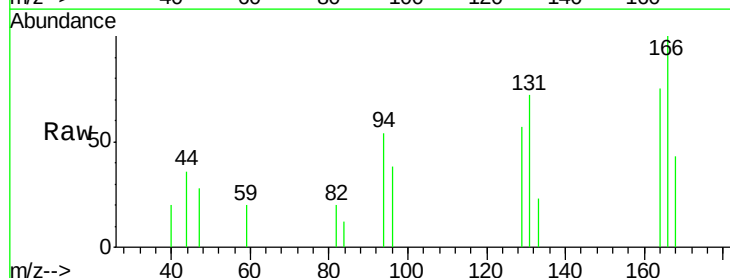
Ion Ratio Lower Upper

164 100

129 76.7 68.8 127.8

131 96.8 66.7 123.9

166 133.7 83.9 155.7



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

