

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040664.D
 Acq On : 12 Oct 2020 17:19
 Operator : SY/MD
 Sample : L4345-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY6

Quant Time: Oct 13 05:47:58 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	117685	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117732	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50526	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40012	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.92	69	36948	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.58	63	65451	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.66	46	167951	53.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.64%
24) Chloroform-d	5.08	84	83804	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	51212	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.74	84	152624	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.70	67	53840	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.91	98	121822	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	21038	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.64	63	114101	49.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46329	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	49805	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

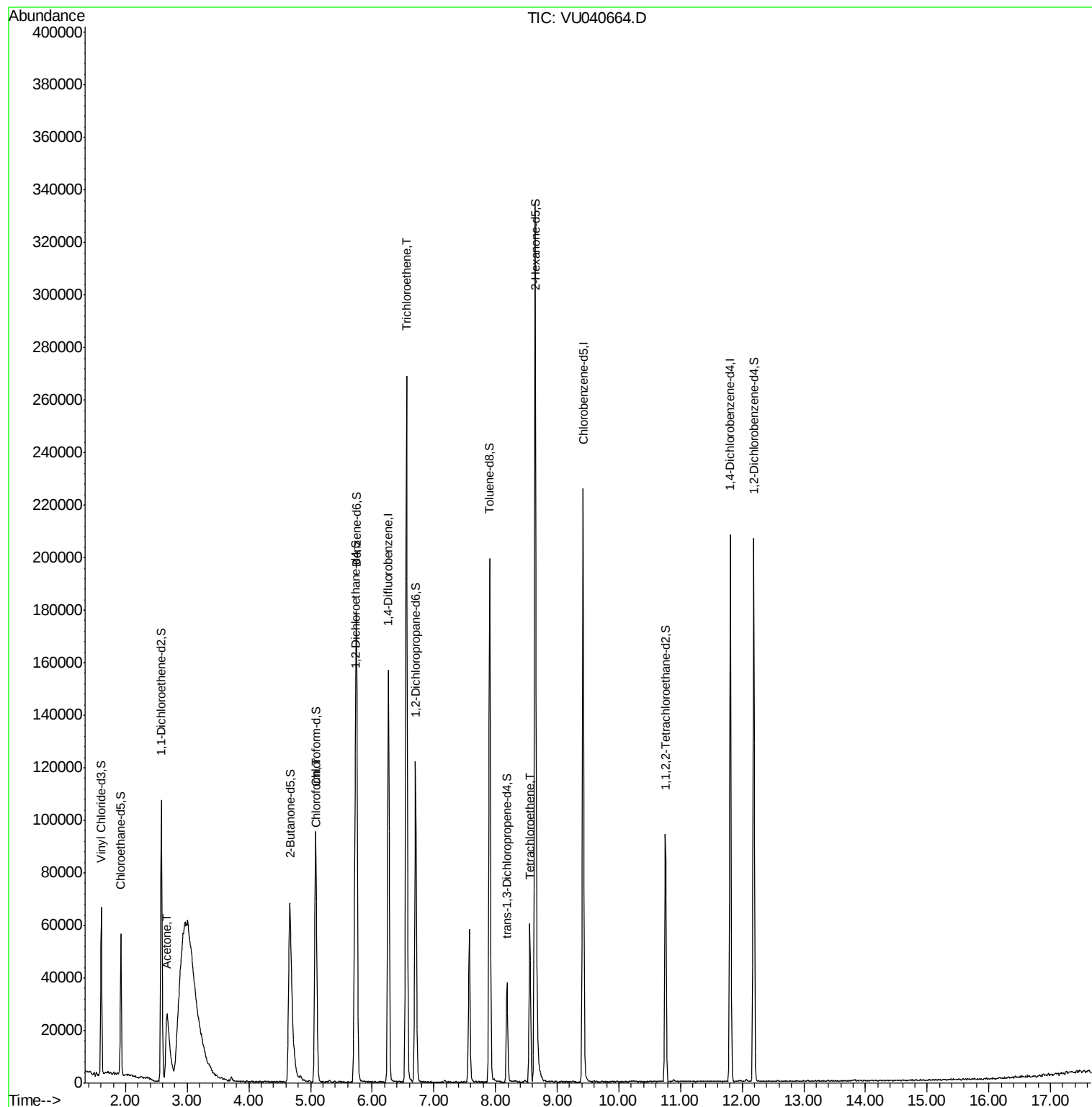
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	75778	31.328	ug/L	78
25) Chloroform	5.10	83	4996	0.269	ug/L	88
34) Trichloroethene	6.56	95	89305	9.109	ug/L	96
47) Tetrachloroethene	8.56	164	12769	1.825	ug/L	94

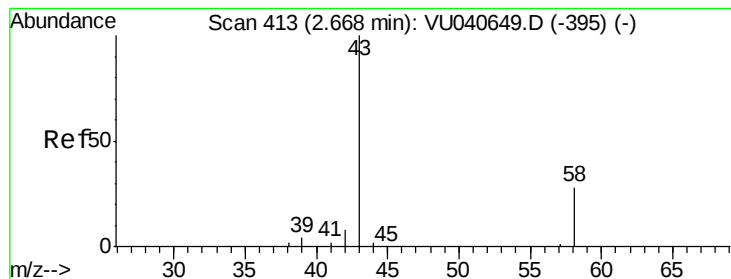
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 31.328 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU040664.D

Acq: 12 Oct 2020 17:19

Instrument :

MSVOA_U

ClientSampleId :

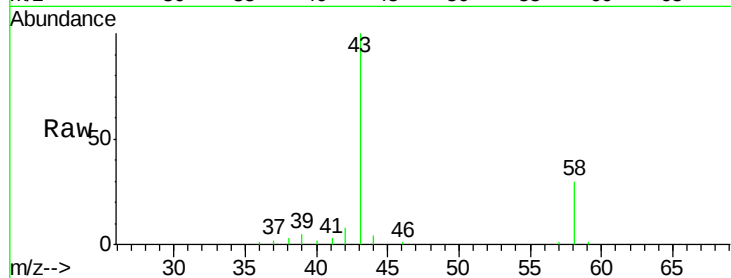
YAQY6

Tot Ion: 43 Resp: 75778

Ion Ratio Lower Upper

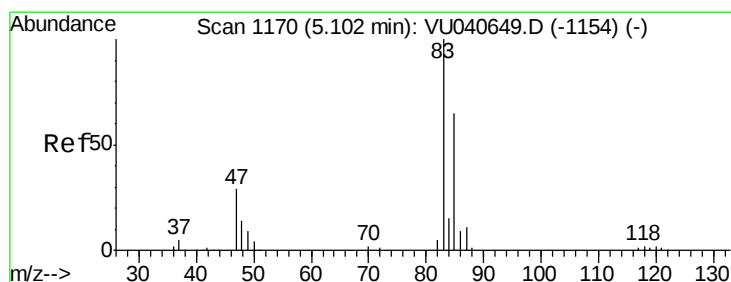
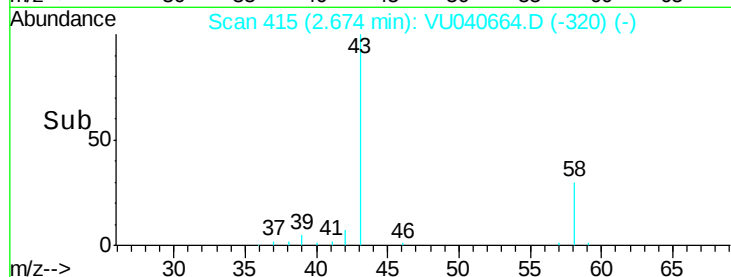
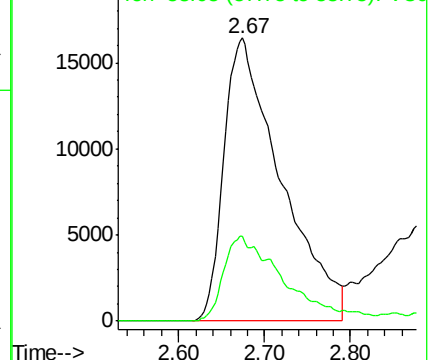
43 100

58 18.5 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040664.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040664.D (-320) (-)



#25

Chloroform

Concen: 0.269 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040664.D

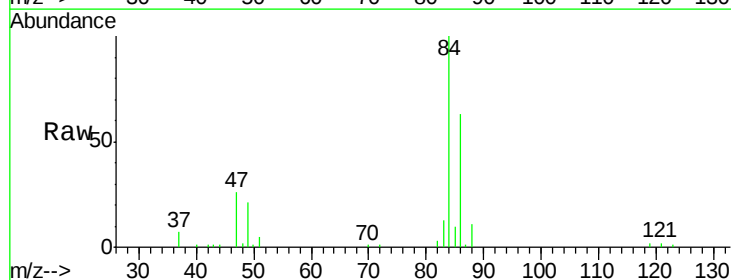
Acq: 12 Oct 2020 17:19

Tgt Ion: 83 Resp: 4996

Ion Ratio Lower Upper

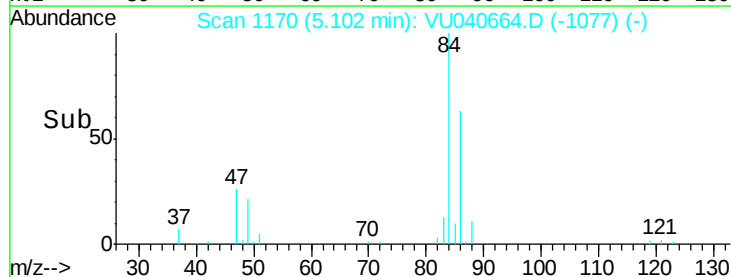
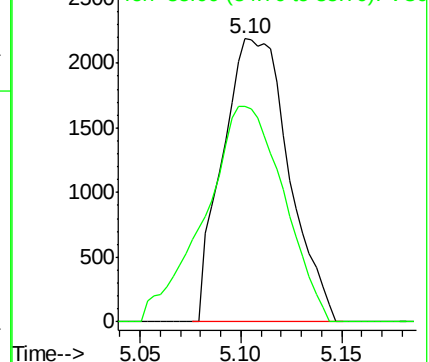
83 100

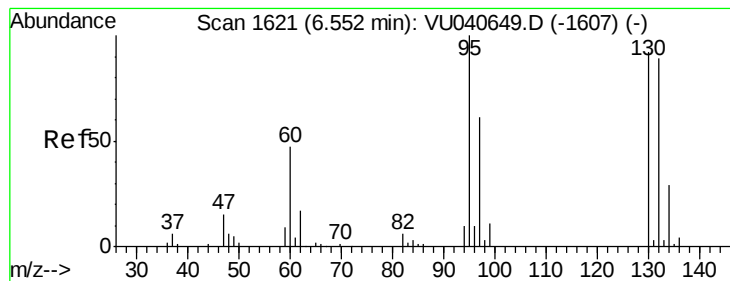
85 76.2 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040664.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU040664.D (-1077) (-)





#34

Trichloroethene

Concen: 9.109 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040664.D

Acq: 12 Oct 2020 17:19

Instrument :

MSVOA_U

ClientSampleId :

YQY6

Tot Ion: 95 Resp: 89305

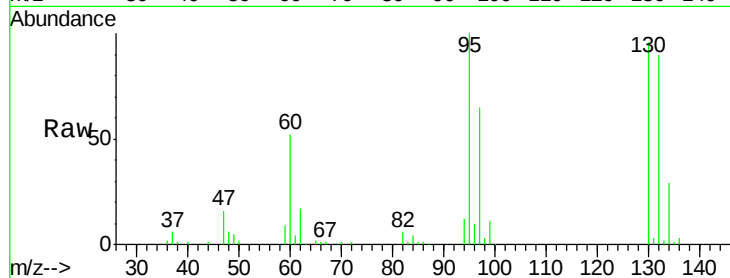
Ion Ratio Lower Upper

95 100

97 65.1 45.5 84.5

132 90.0 67.5 125.4

130 96.4 69.9 129.9

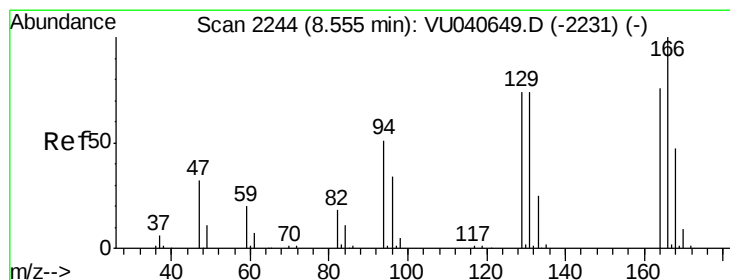
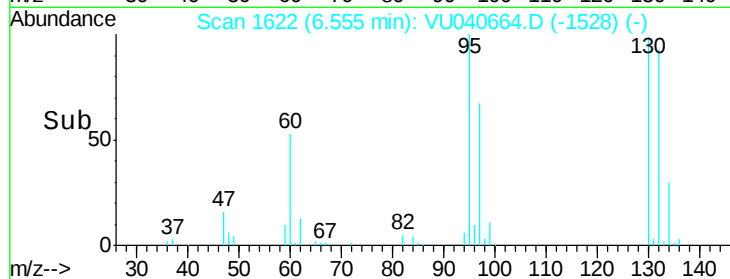
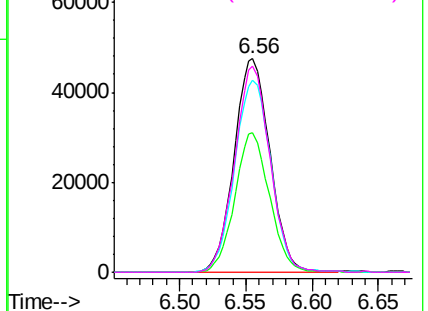


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.825 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040664.D

Acq: 12 Oct 2020 17:19

Tgt Ion: 164 Resp: 12769

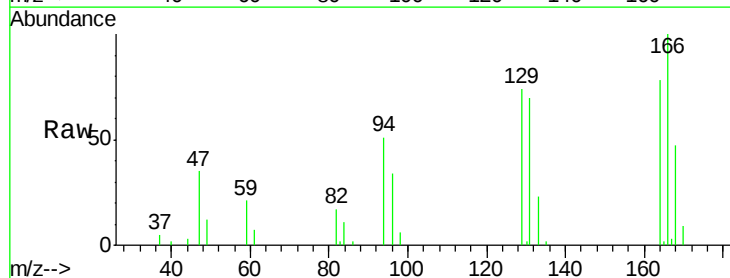
Ion Ratio Lower Upper

164 100

129 93.8 68.8 127.8

131 89.5 66.7 123.9

166 127.5 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

