

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040658.D
 Acq On : 12 Oct 2020 14:37
 Operator : SY/MD
 Sample : L4345-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY0

Quant Time: Oct 13 05:23:54 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	123089	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41165	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.92	69	36072	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.58	63	64020	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.66	46	167998	51.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.94%
24) Chloroform-d	5.08	84	86893	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	52713	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.75	84	156249	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	53688	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.91	98	125129	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	20426	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	113867	45.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46670	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	50213	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

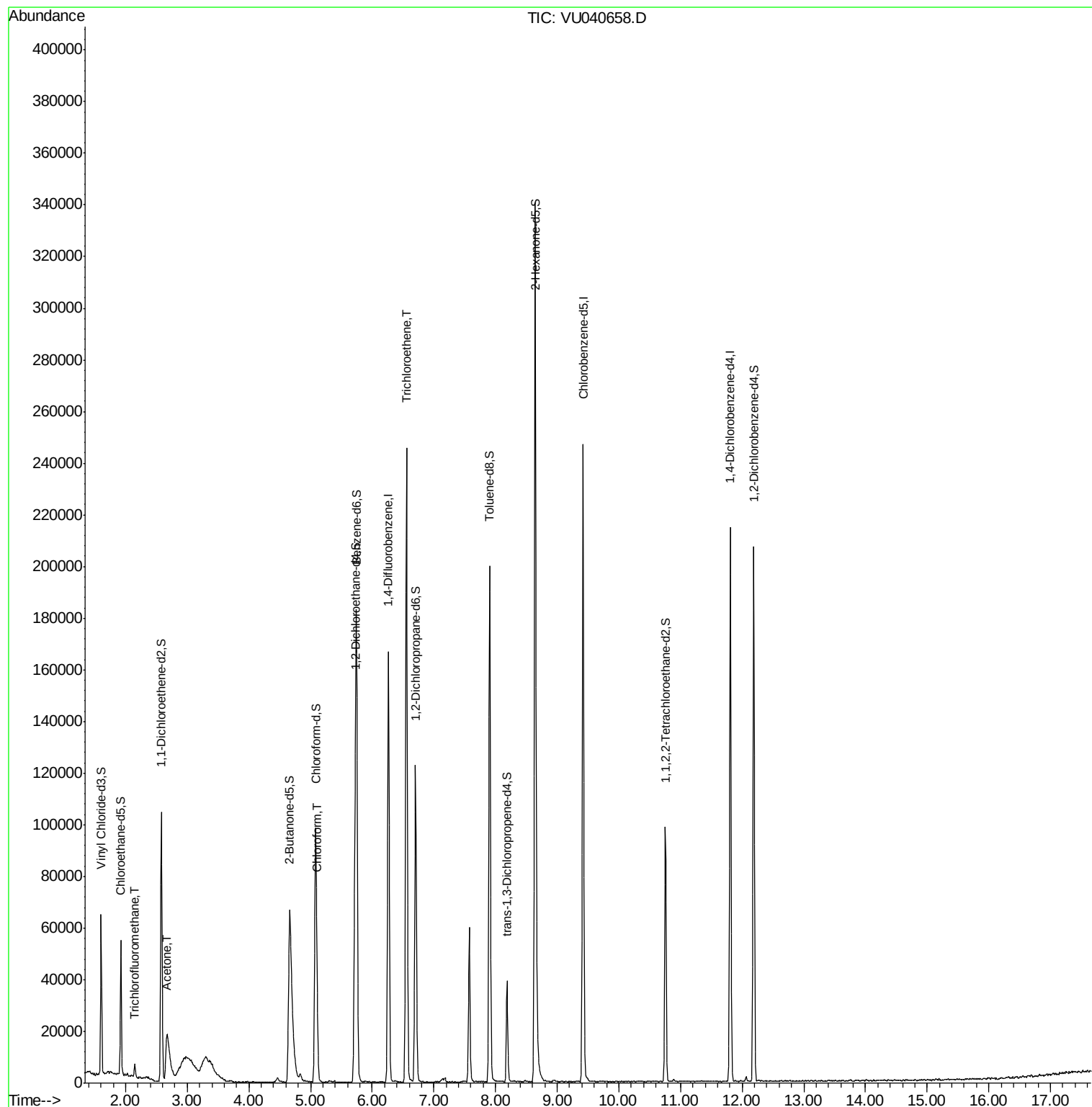
Target Compounds					Ovalue
9) Trichlorofluoromethane	2.15	101	2876	0.182 ug/L	95
13) Acetone	2.67	43	57973	22.915 ug/L	62
25) Chloroform	5.11	83	12381	0.638 ug/L	92
34) Trichloroethene	6.56	95	81838	7.633 ug/L	99

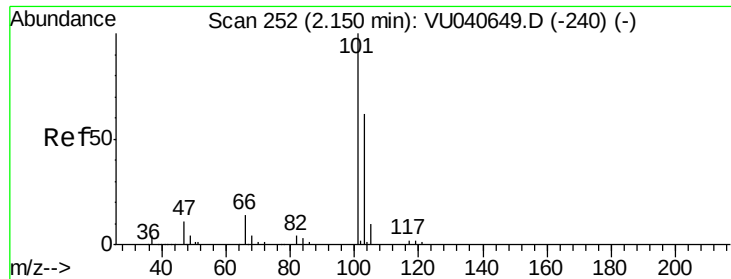
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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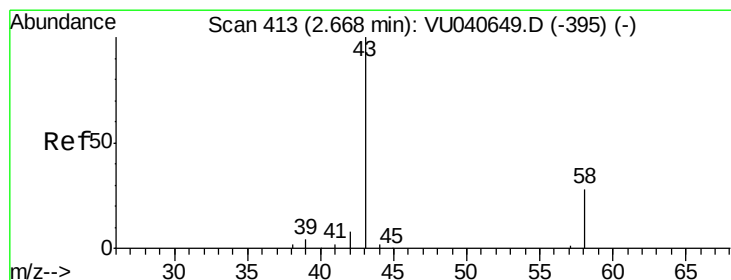
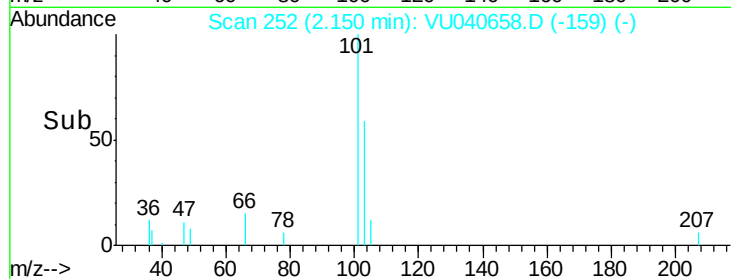
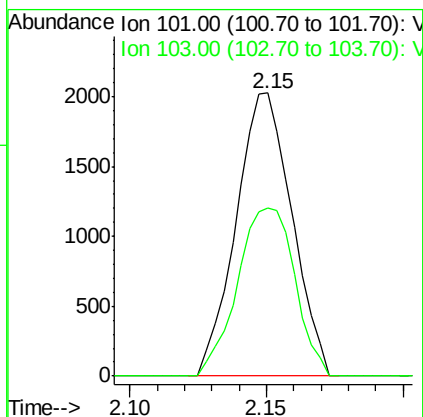
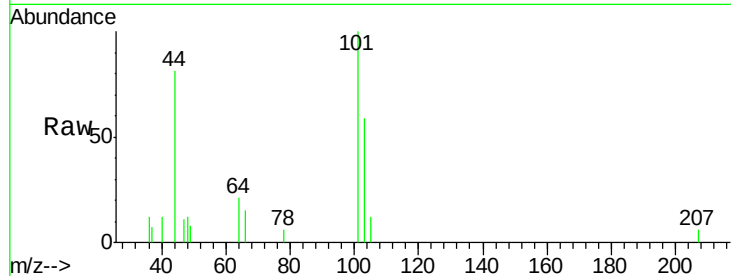


#9

Trichlorofluoromethane
 Concen: 0.182 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU040658.D
 Acq: 12 Oct 2020 14:37

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY0

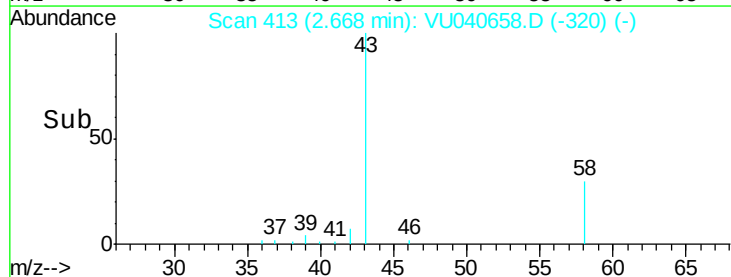
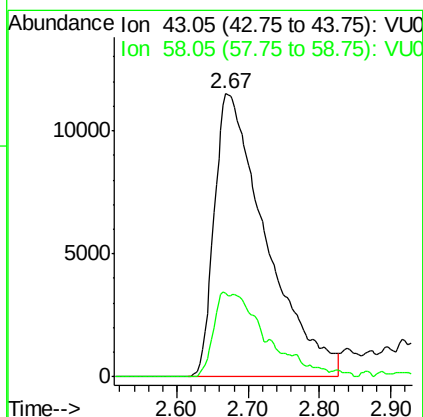
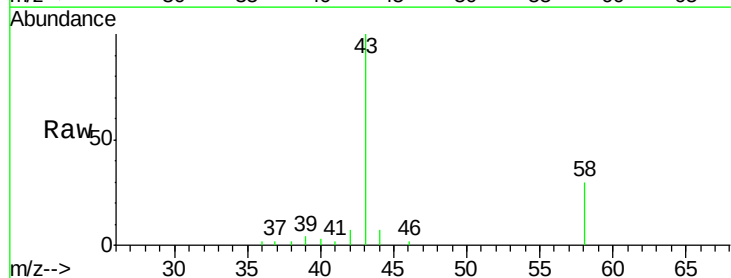
Tot Ion:101 Resp: 2876
 Ion Ratio Lower Upper
 101 100
 103 61.0 52.2 78.4

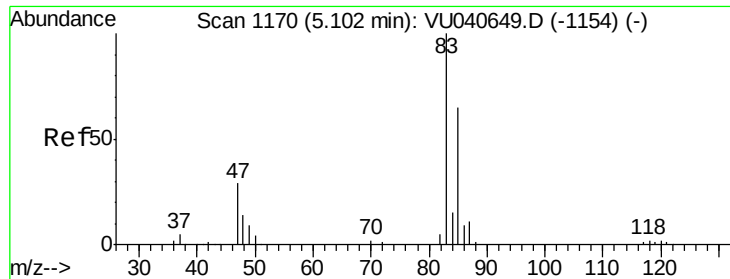


#13

Acetone
 Concen: 22.915 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: VU040658.D
 Acq: 12 Oct 2020 14:37

Tgt Ion: 43 Resp: 57973
 Ion Ratio Lower Upper
 43 100
 58 9.6 0.0 60.6





#25

Chloroform

Concen: 0.638 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU040658.D

Acq: 12 Oct 2020 14:37

Instrument :

MSVOA_U

ClientSampleId :

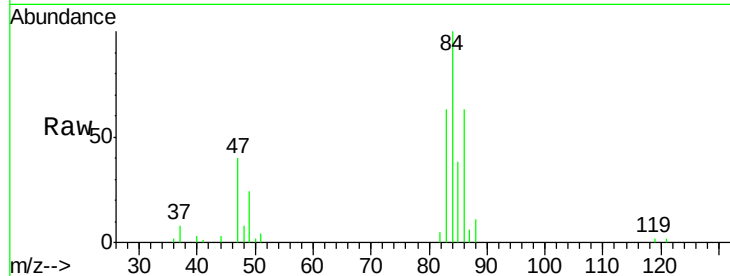
YAQY0

Tot Ion: 83 Resp: 12381

Ion Ratio Lower Upper

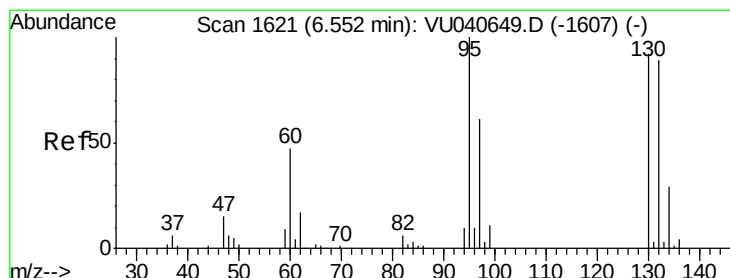
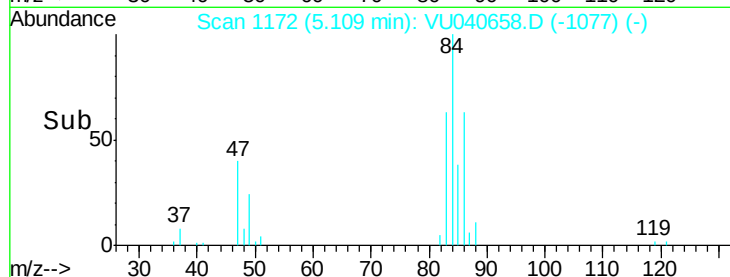
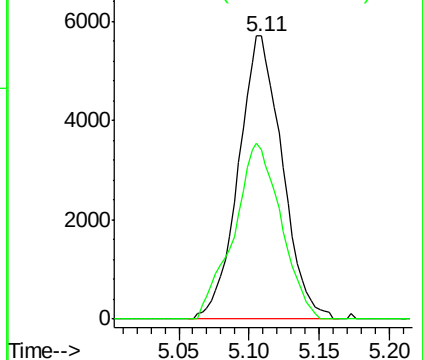
83 100

85 59.7 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 7.633 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040658.D

Acq: 12 Oct 2020 14:37

Tgt Ion: 95 Resp: 81838

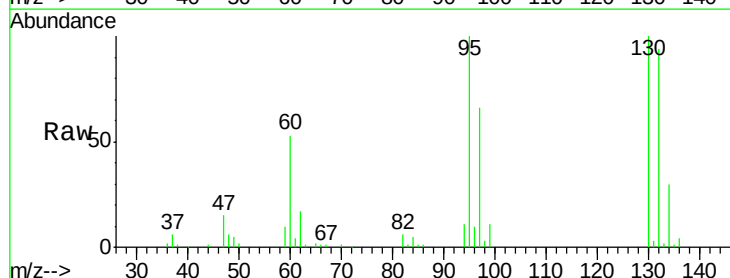
Ion Ratio Lower Upper

95 100

97 66.0 45.5 84.5

132 94.3 67.5 125.4

130 100.5 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

