

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040886.D
 Acq On : 21 Oct 2020 20:36
 Operator : SY/MD
 Sample : L4428-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ52

Quant Time: Oct 22 02:15:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	225557	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	230905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	97593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	70422	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.92	69	64692	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.58	63	111557	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.65	46	343967	62.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.30%
24) Chloroform-d	5.08	84	163441	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.72	65	102751	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.74	84	286704	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.70	67	101459	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.91	98	225977	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.19	79	39403	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	252776	61.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	99595	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	95567	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

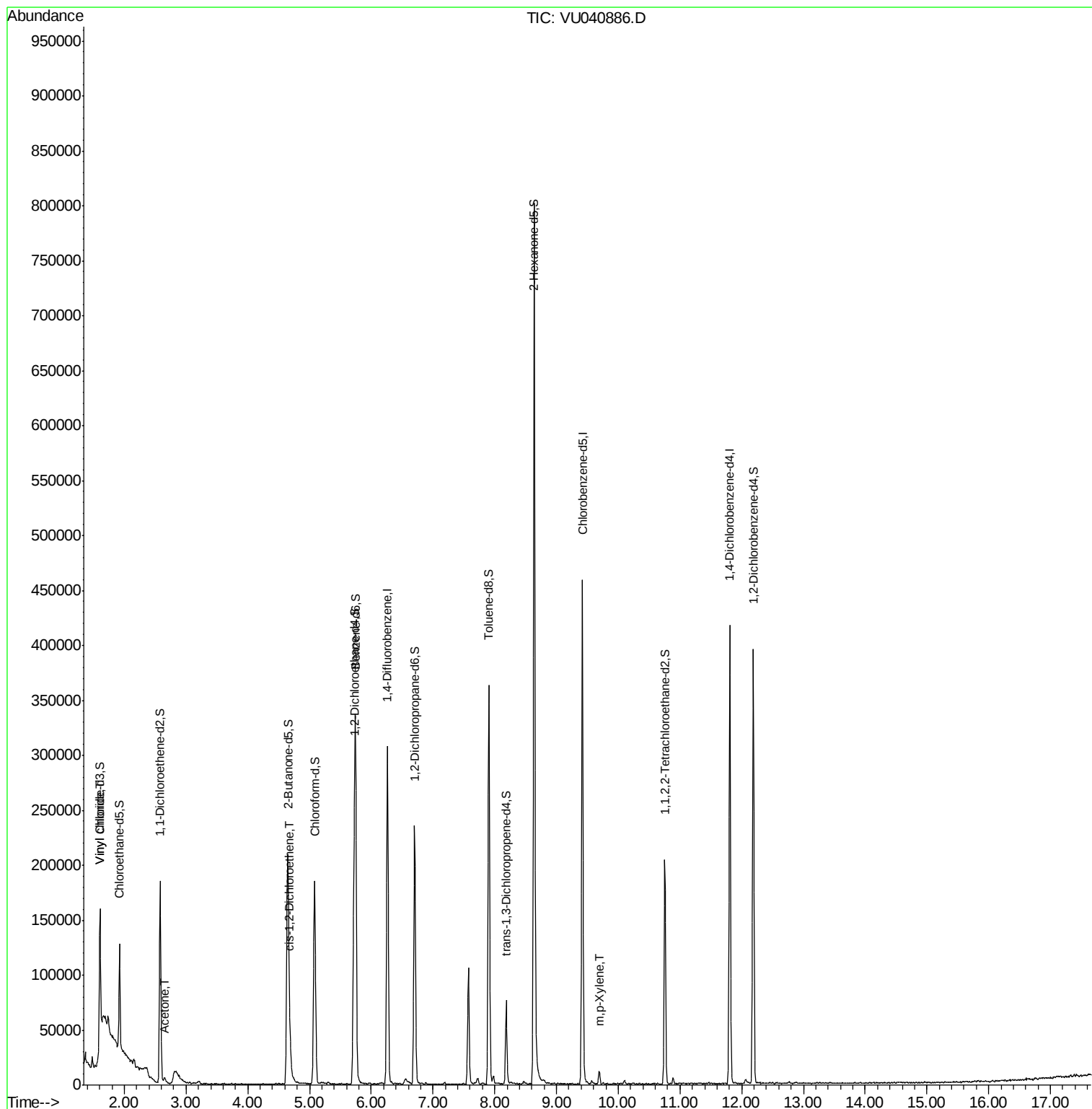
					Ovalue
5) Vinyl chloride	1.61	62	3715	0.161 ug/L #	1
13) Acetone	2.66	43	7248	1.878 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	5615	0.298 ug/L	87
53) m,p-Xylene	9.69	106	3269	0.113 ug/L	79

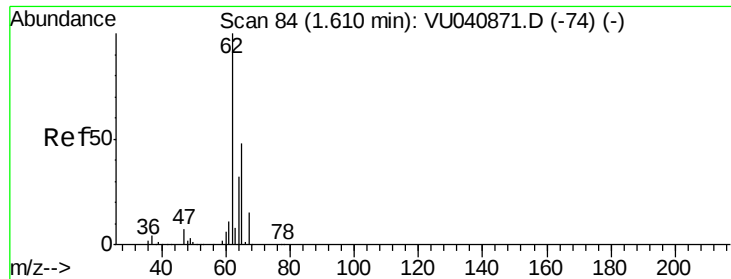
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.161 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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Acq: 21 Oct 2020 20:36

Instrument :

MSVOA_U

ClientSampled :

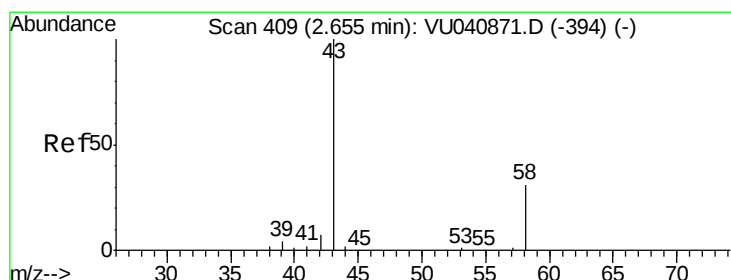
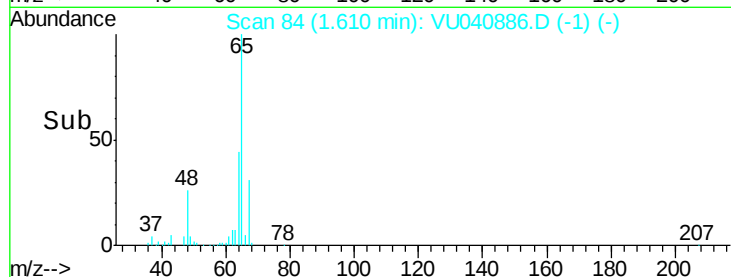
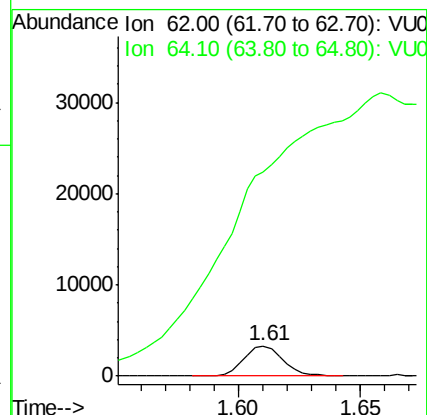
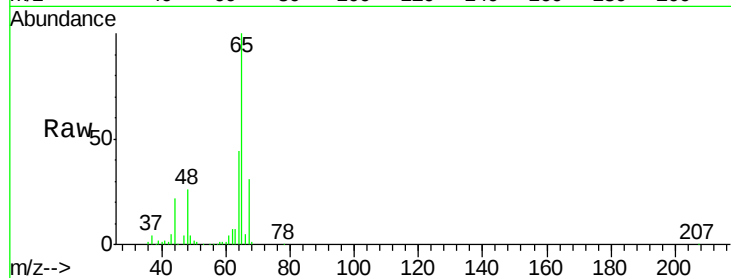
ETZ52

Tot Ion: 62 Resp: 3715

Ion Ratio Lower Upper

62 100

64 673.3 21.8 40.6#



#13

Acetone

Concen: 1.878 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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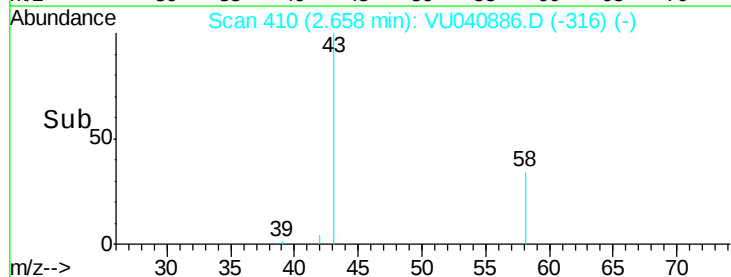
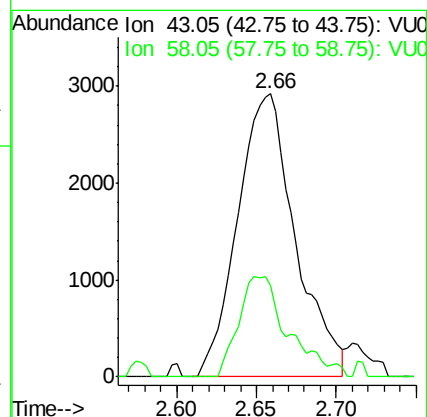
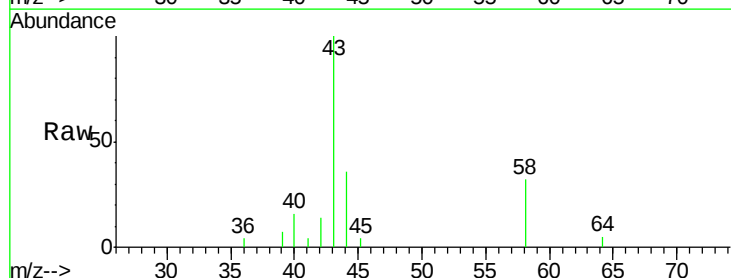
Acq: 21 Oct 2020 20:36

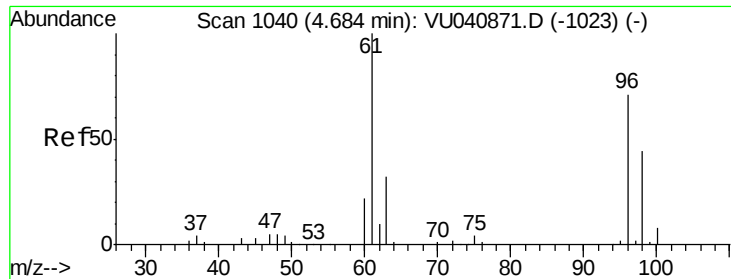
Tgt Ion: 43 Resp: 7248

Ion Ratio Lower Upper

43 100

58 30.3 0.0 58.6





#22

cis-1,2-Dichloroethene

Concen: 0.298 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040886.D

Acq: 21 Oct 2020 20:36

Instrument :

MSVOA_U

ClientSampleID :

ETZ52

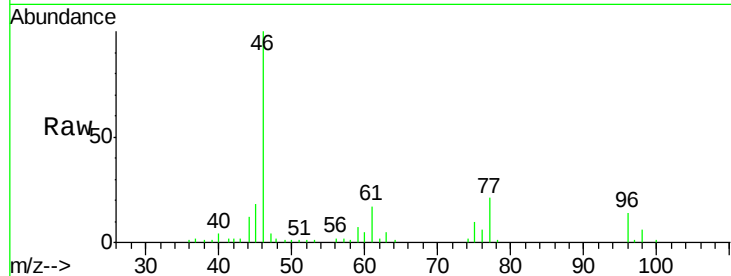
Tot Ion: 96 Resp: 5615

Ion Ratio Lower Upper

96 100

61 127.1 100.0 185.6

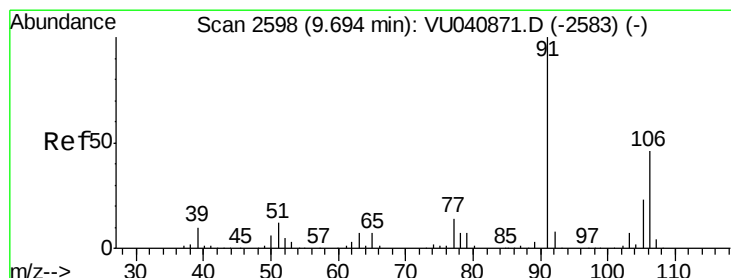
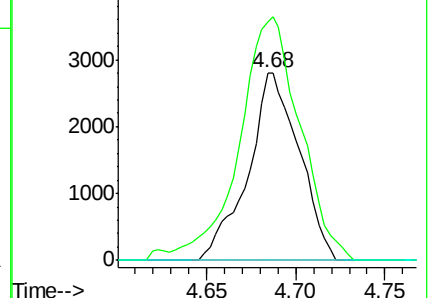
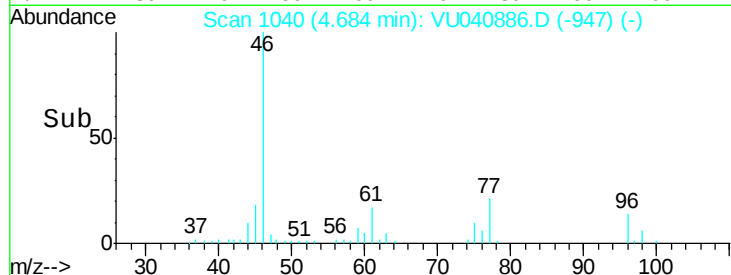
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040886.D (-2505) (-)

Ion 61.05 (60.75 to 61.75): VU040886.D (-2505) (-)

Ion 68.15 (67.85 to 68.85): VU040886.D (-2505) (-)



#53

m,p-Xylene

Concen: 0.113 ug/L

RT: 9.69 min Scan# 2596

Delta R.T. -0.01 min

Lab File: VU040886.D

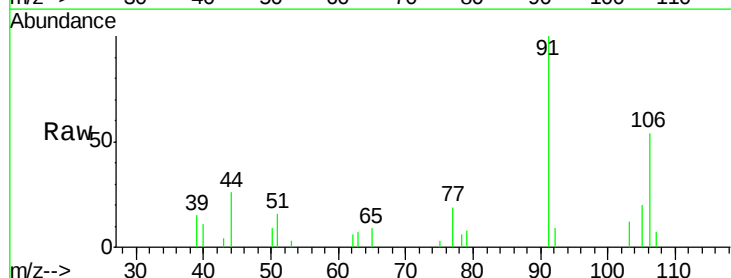
Acq: 21 Oct 2020 20:36

Tgt Ion:106 Resp: 3269

Ion Ratio Lower Upper

106 100

91 185.0 153.3 284.7



Abundance Ion 106.15 (105.85 to 106.85): VU040886.D (-2505) (-)

Ion 91.15 (90.85 to 91.85): VU040886.D (-2505) (-)

