

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040892.D
 Acq On : 21 Oct 2020 22:55
 Operator : SY/MD
 Sample : L4428-21DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ53DL

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:12:16 PM

Quant Time: Oct 22 02:40:03 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	219096	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	228848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	95259	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	69488	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.92	69	63853	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	109742	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.66	46	359579	67.42	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.84%#
24) Chloroform-d	5.08	84	161029	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	103052	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.74	84	283607	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	98346	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.91	98	213715	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	37153	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	255094	62.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	97266	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	92893	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	3279	0.146 ug/L #	1
16) Methylene chloride	3.06	84	11426	0.579 ug/L	88
18) trans-1,2-Dichloroethene	3.38	96	2054m	0.123 ug/L	
22) cis-1,2-Dichloroethene	4.69	96	76887	4.208 ug/L	93

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

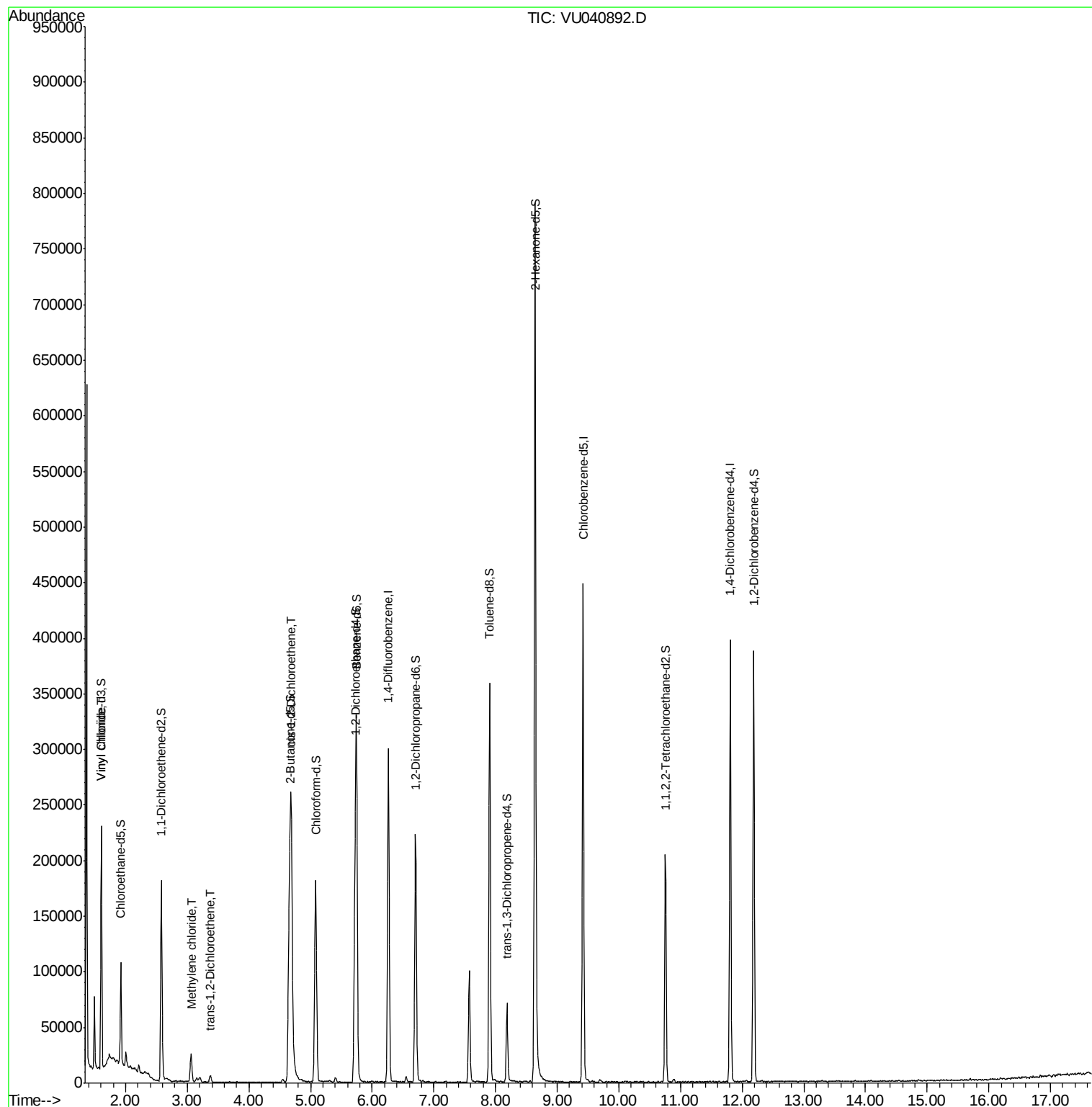
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
Data File : VU040892.D
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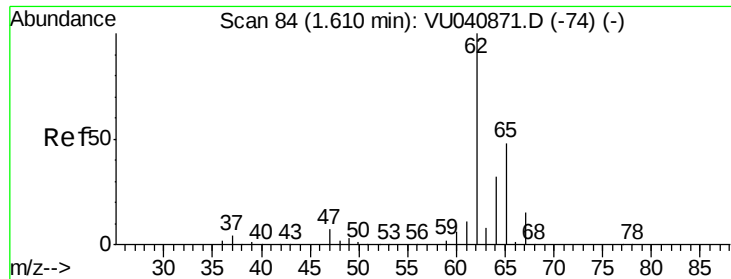
Instrument :
MSVOA_U
ClientSampleId :
ETZ53DL

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Quant Time: Oct 22 02:40:03 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





#5

Vinyl chloride

Concen: 0.146 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040892.D

Acq: 21 Oct 2020 22:55

Instrument :

MSVOA_U

ClientSampled :

ETZ53DL

Tot Ion: 62 Resp: 3279

Ion Ratio Lower Upper

62 100

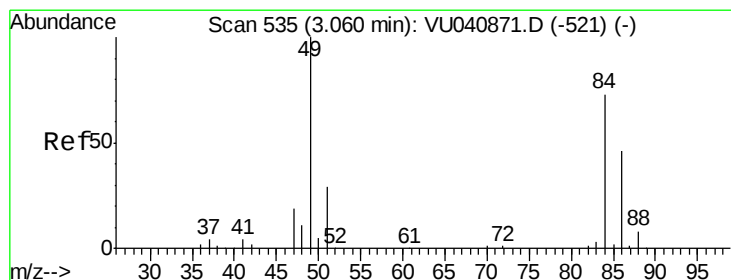
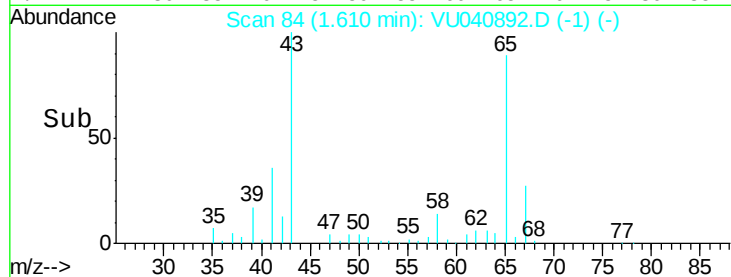
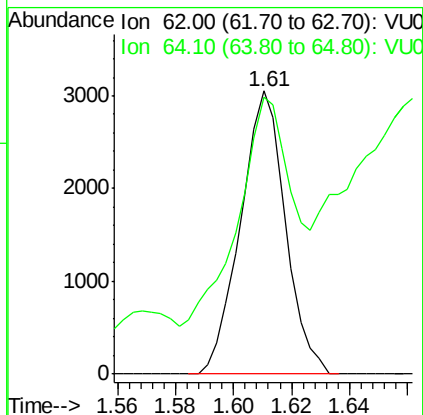
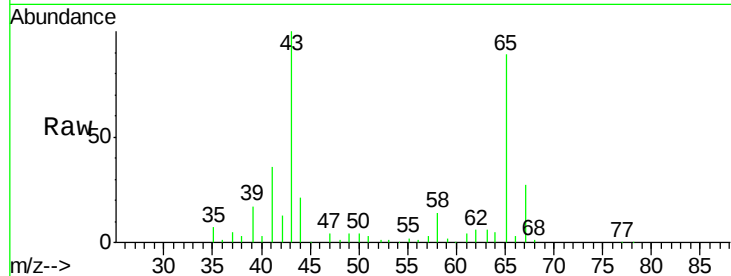
64 97.9 21.8 40.6#

Manual Integrations

APPROVED

MMDadoda

10/26/2020 4:12:16 PM



#16

Methylene chloride

Concen: 0.579 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040892.D

Acq: 21 Oct 2020 22:55

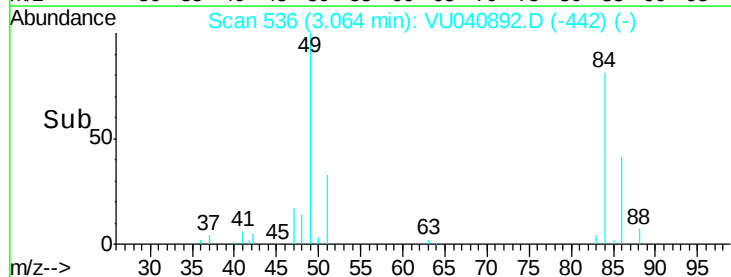
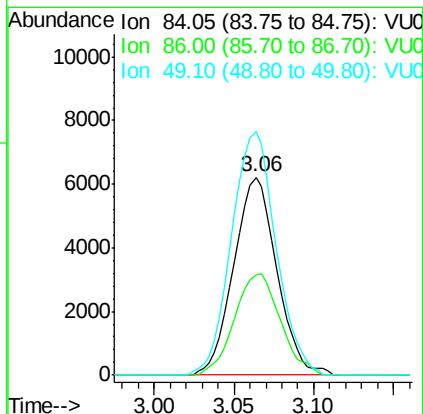
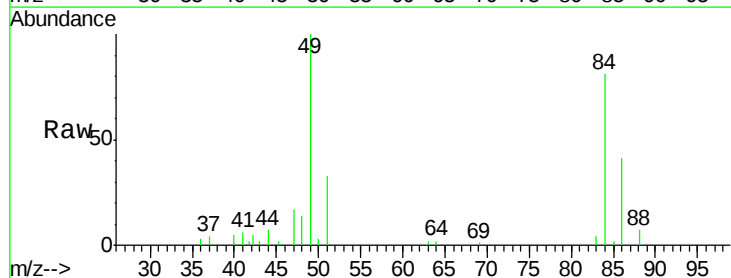
Tgt Ion: 84 Resp: 11426

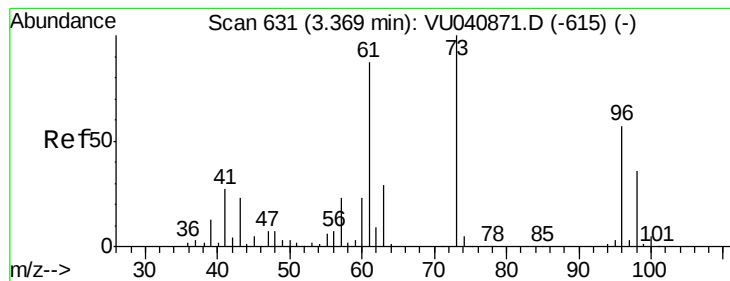
Ion Ratio Lower Upper

84 100

86 50.9 44.9 83.5

49 123.2 94.7 175.9





#18

trans-1,2-Dichloroethene

Concen: 0.123 ug/L m

RT: 3.38 min Scan# 634

Delta R.T. 0.01 min

Lab File: VU040892.D

Acq: 21 Oct 2020 22:55

Instrument :

MSVOA_U

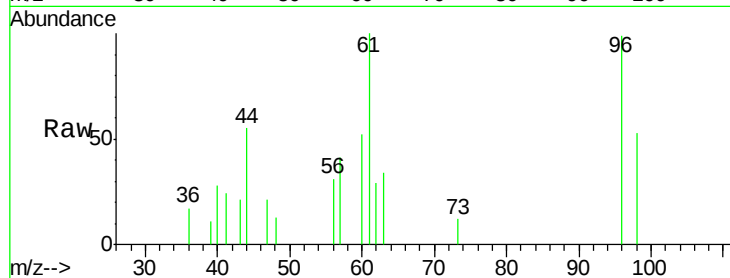
ClientSampled :

ETZ53DL

Tot Ion:	96	Resp:	2054
Ion	Ratio	Lower	Upper
96	100		
61	101.1	107.9	200.3#
98	53.7	47.5	88.1

Manual Integrations
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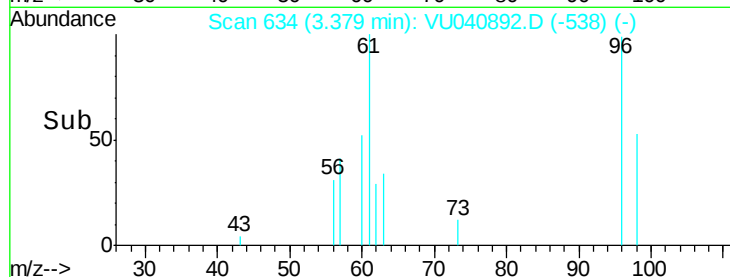


Abundance Ion 96.00 (95.70 to 96.70): VU040871.D (-615) (-)

Ion 61.05 (60.75 to 61.75): VU040871.D (-615) (-)

Ion 97.95 (97.65 to 98.65): VU040871.D (-615) (-)

Time-->

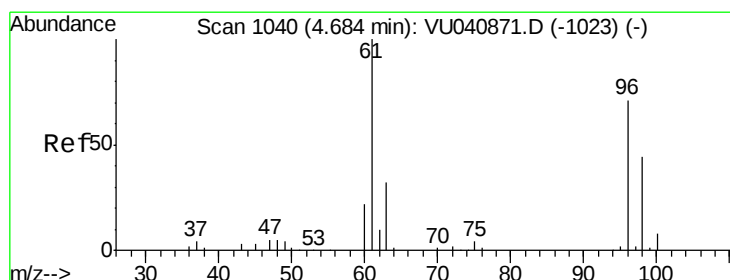


Abundance Ion 96.00 (95.70 to 96.70): VU040892.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU040892.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU040892.D (-538) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 4.208 ug/L

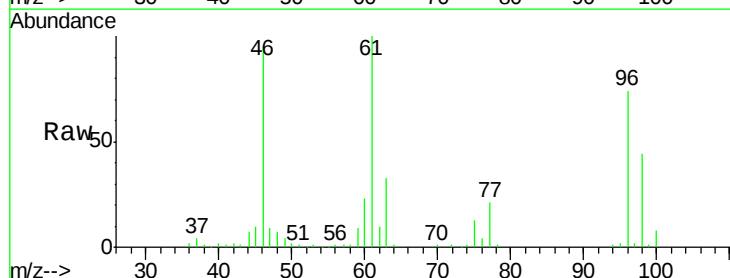
RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU040892.D

Acq: 21 Oct 2020 22:55

Tgt Ion:	96	Resp:	76887
Ion	Ratio	Lower	Upper
96	100		
61	134.8	100.0	185.6
68	0.0	0.0	0.0

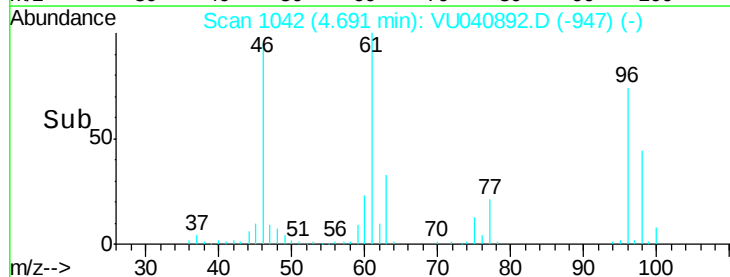


Abundance Ion 96.00 (95.70 to 96.70): VU040871.D (-1023) (-)

Ion 61.05 (60.75 to 61.75): VU040871.D (-1023) (-)

Ion 68.15 (67.85 to 68.85): VU040871.D (-1023) (-)

Time-->



Abundance Ion 96.00 (95.70 to 96.70): VU040892.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040892.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU040892.D (-947) (-)

Time-->