

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081020\
 Data File : VU039831.D
 Acq On : 10 Aug 2020 18:11
 Operator : SY/MD
 Sample : L3578-01DL2 10000X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWN9DL2

Quant Time: Aug 11 06:03:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 04:57:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76359	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75364	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36188	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22195	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.92	69	22613	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	32780	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.66	46	85933	47.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.76%
24) Chloroform-d	5.08	84	44333	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.72	65	28700	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.75	84	88375	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	28727	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.91	98	72108	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	10254	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	58959	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26318	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	31734	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

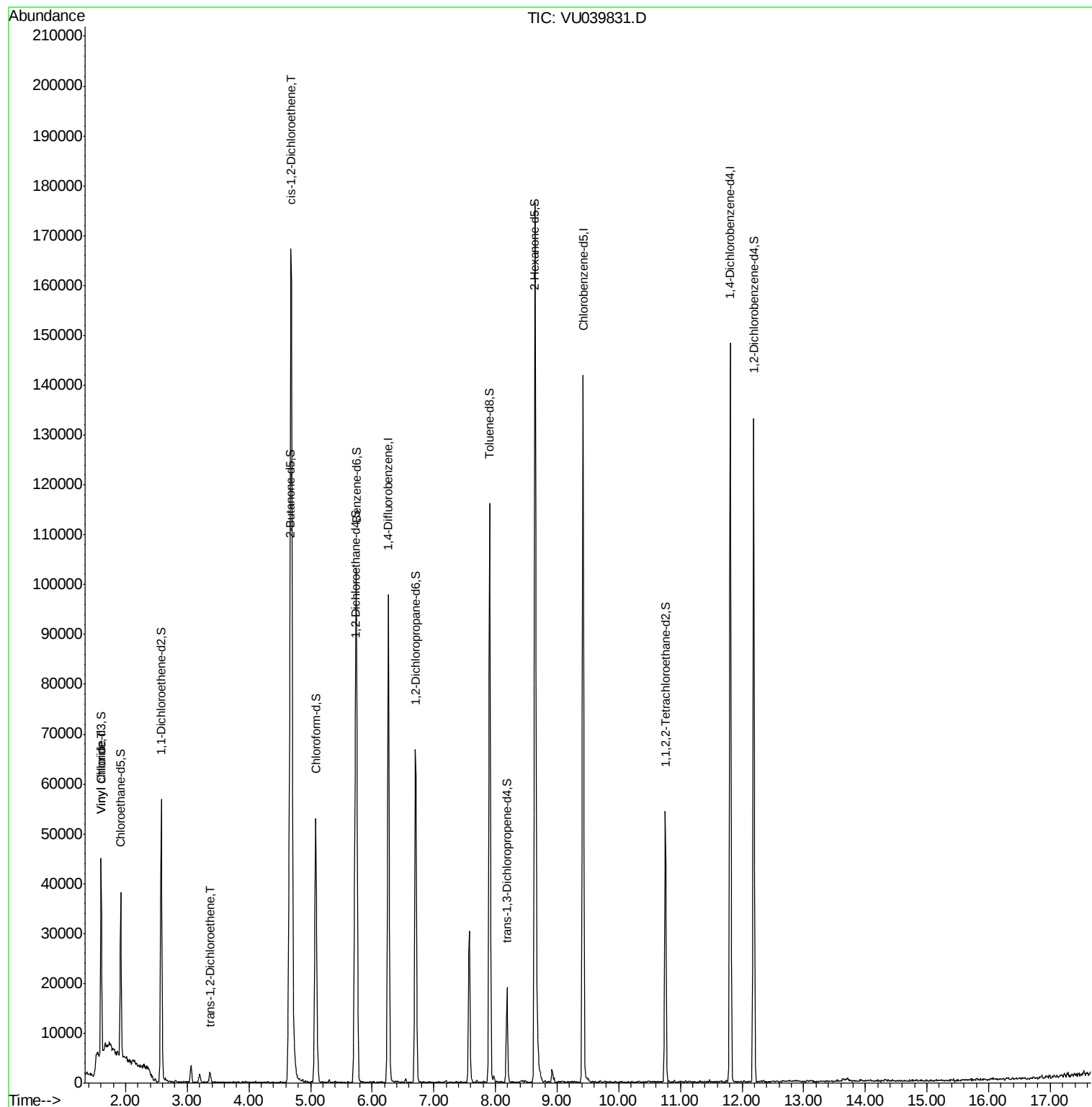
					Ovalue
5) Vinyl chloride	1.61	62	4326	0.697 ug/L	# 1
18) trans-1,2-Dichloroethene	3.37	96	1003	0.198 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	69831	12.661 ug/L	95

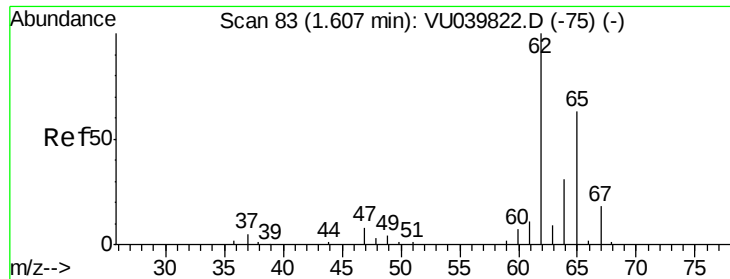
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.697 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

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Acq: 10 Aug 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

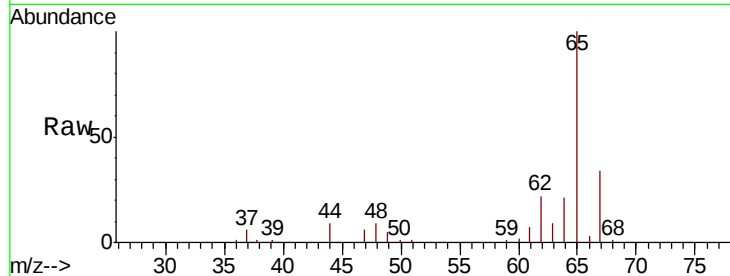
BFWN9DL2

Tot Ion: 62 Resp: 4326

Ion Ratio Lower Upper

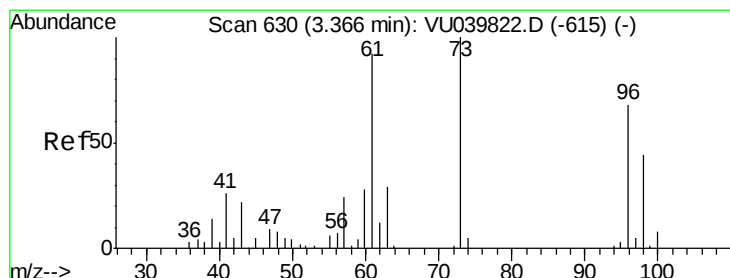
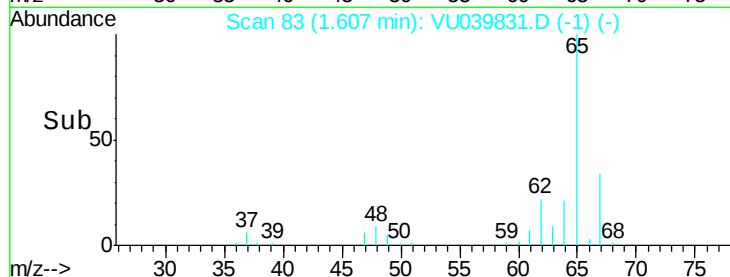
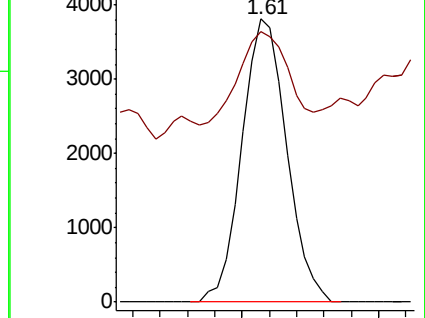
62 100

64 95.6 24.1 44.7#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.198 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.01 min

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Acq: 10 Aug 2020 18:11

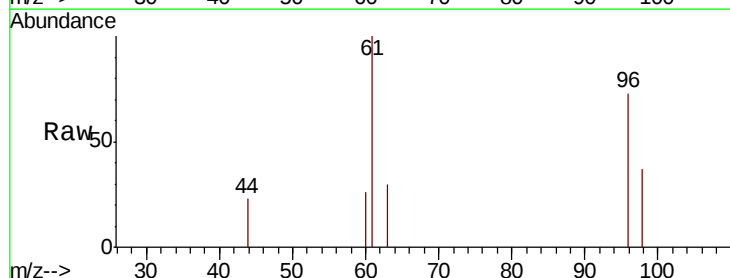
Tgt Ion: 96 Resp: 1003

Ion Ratio Lower Upper

96 100

61 136.7 96.5 179.1

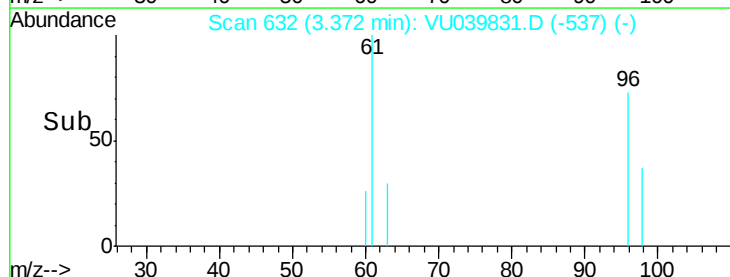
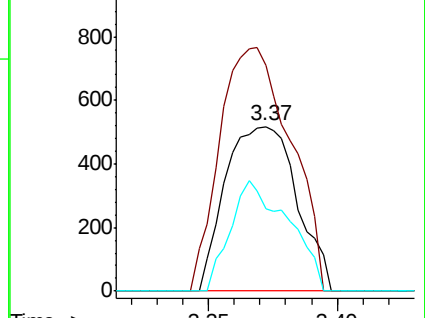
98 50.2 40.9 76.0

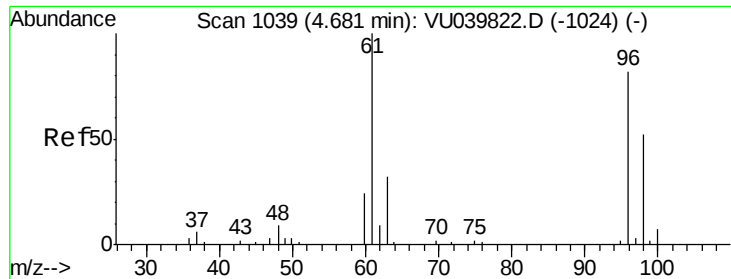


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 12.661 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

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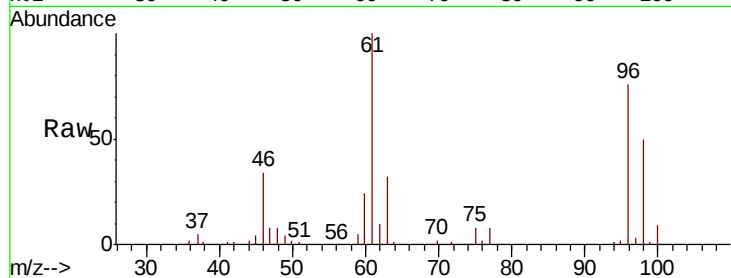
Tot Ion: 96 Resp: 69831

Ion Ratio Lower Upper

96 100

61 131.0 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

